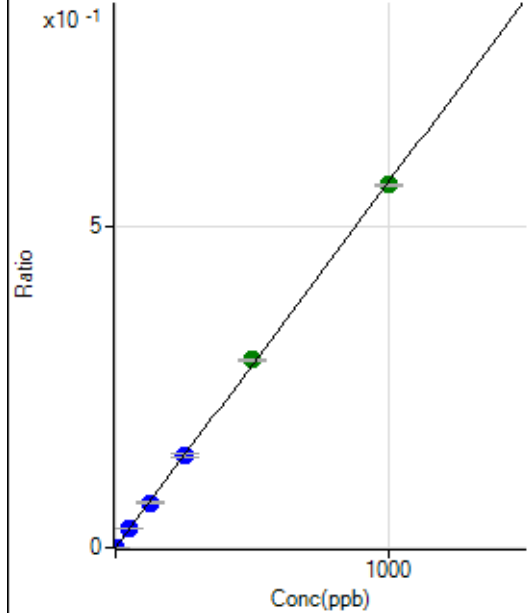


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051122MS.b\
Analysis File: P8051122MS.batch.bin
DA Date-Time: 2022-07-25 23:32:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2022-05-11 15:16:36
2	006CALS.d	S02	2022-05-11 15:28:55
3	007CALS.d	S03	2022-05-11 15:31:58
4	008CALS.d	S04	2022-05-11 15:35:04
5	009CALS.d	S05	2022-05-11 15:38:08
6	010CALS.d	S06	2022-05-11 15:41:13
7	011CALS.d	S07	2022-05-11 15:44:17
8	012CALS.d	S08	2022-05-11 15:47:22

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.99	0.0000	P	24.5
2	☐	1.000	1.040	2529.73	0.0006	P	2.7
3	☐	50.000	53.352	127190.50	0.0304	P	1.9
4	☐	125.000	123.250	307309.91	0.0703	P	5.1
5	☐	250.000	250.896	629192.12	0.1431	P	3.8
6	☐	500.000	513.746	1310794.47	0.2930	A	1.6
7	☐	1000.000	992.954	2535700.65	0.5662	A	0.8
8	☐			314.61	0.0001	P	22.9

$$y = 5.7023\text{E-}004 * x + 1.4031\text{E-}005$$

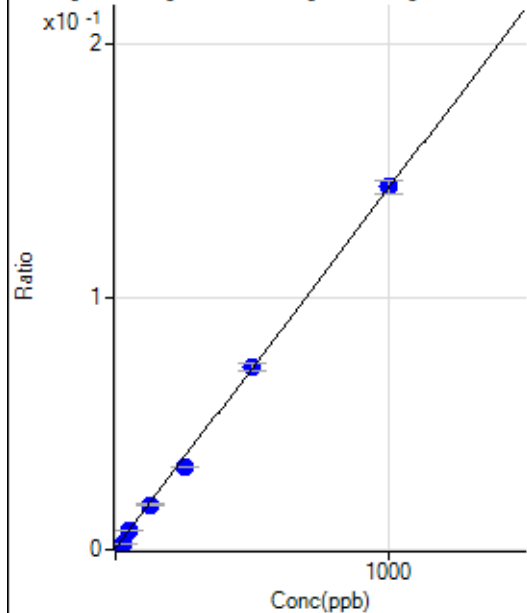
$$R = 0.9999$$

$$DL = 0.01811$$

$$BEC = 0.02461$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2470.40	0.0006	P	1.2
2	☐	25.000	12.162	9794.72	0.0023	P	5.0
3	☐	50.000	48.627	31495.78	0.0075	P	4.6
4	☐	125.000	120.771	77887.52	0.0178	P	4.7
5	☐	250.000	225.394	143849.00	0.0327	P	2.0
6	☐	500.000	505.373	324444.46	0.0725	P	3.9
7	☐	1000.000	1004.383	642648.32	0.1435	P	3.8
8	☐			48332.04	0.0116	P	6.6

$$y = 1.4227\text{E-}004 * x + 6.1954\text{E-}004$$

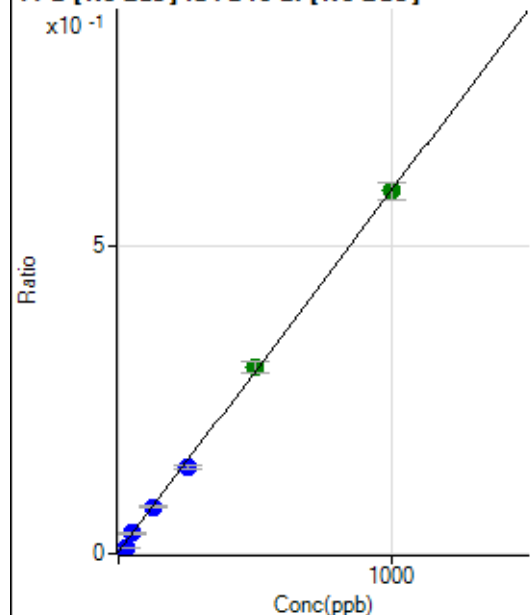
$$R = 0.9996$$

$$DL = 0.1529$$

$$BEC = 4.355$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10772.53	0.0027	P	1.8
2	☐	25.000	12.863	42708.62	0.0102	P	4.3
3	☐	50.000	51.936	138592.56	0.0332	P	5.9
4	☐	125.000	125.527	333997.33	0.0763	P	3.9
5	☐	250.000	233.234	613982.40	0.1395	P	4.2
6	☐	500.000	509.766	1349662.71	0.3018	A	6.0
7	☐	1000.000	999.449	2637419.49	0.5890	A	4.9
8	☐			206284.24	0.0493	P	8.1

$$y = 5.8665E-004 * x + 0.0027$$

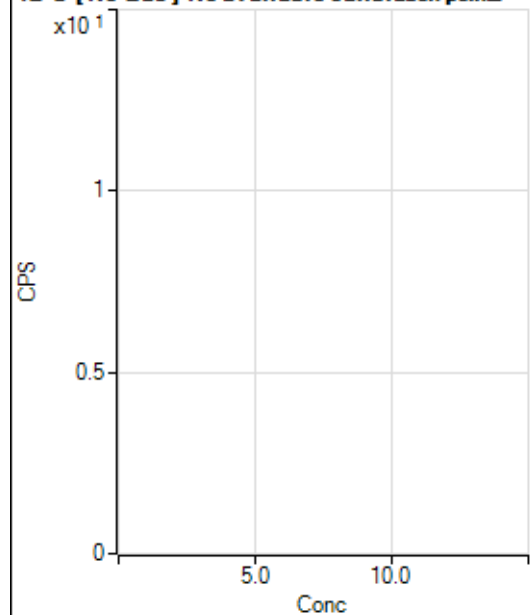
$$R = 0.9997$$

$$DL = 0.2483$$

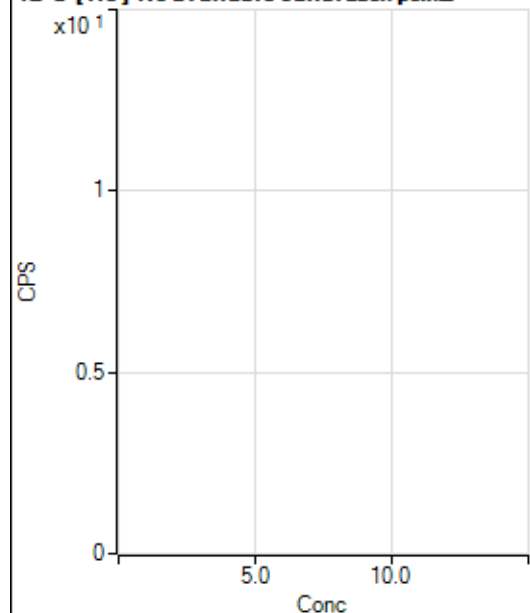
$$BEC = 4.605$$

Weight: <None>

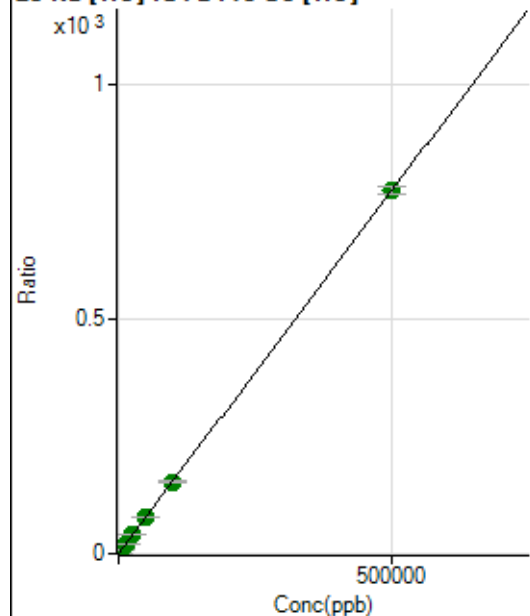
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4460776.05		A	1.2
2	☐			4619551.75		A	0.2
3	☐			5096280.11		A	1.1
4	☐			4907046.90		A	1.1
5	☐			5486481.42		A	2.7
6	☐			5682156.94		A	1.2
7	☐			7007258.06		A	2.8
8	☐			5406356.02		A	0.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			46382.60		P	1.8
2	☐			47789.64		P	2.8
3	☐			55006.64		P	2.5
4	☐			52759.72		P	2.3
5	☐			63228.51		P	1.4
6	☐			64542.66		P	1.3
7	☐			83389.81		P	0.4
8	☐			65909.91		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12555.71	0.0637	P	1.1
2	☐	500.000	460.320	156021.14	0.7768	P	1.1
3	☐	5000.000	5137.750	1624525.52	8.0228	A	2.2
4	☐	12500.000	12352.270	3798631.33	19.1990	A	1.0
5	☐	25000.000	26473.354	8171035.08	41.0744	A	2.6
6	☐	50000.000	50001.625	15613088.20	77.5228	A	1.2
7	☐	100000.00	99122.815	32029550.37	153.6180	A	1.9
8	☐	500000.00	500103.96	155632079.8	774.7906	A	2.3

$$y = 0.0015 * x + 0.0637$$

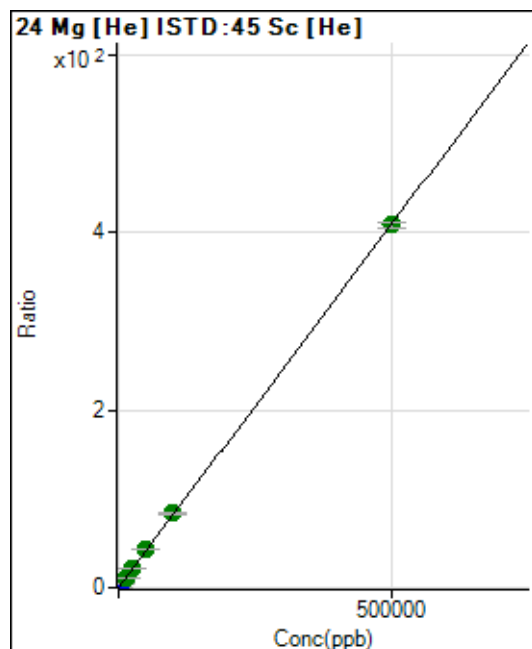
$$R = 1.0000$$

$$DL = 1.39$$

$$BEC = 41.14$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	244.45	0.0012	P	18.9
2	☐	500.000	482.724	79638.67	0.3965	P	4.4
3	☐	5000.000	5113.445	847953.53	4.1879	P	1.7
4	☐	12500.000	13375.422	2166672.97	10.9525	A	1.6
5	☐	25000.000	27347.177	4454328.22	22.3919	A	1.5
6	☐	50000.000	52224.918	8611478.66	42.7608	A	0.2
7	☐	100000.00	102304.63	17464064.11	83.7639	A	1.8
8	☐	500000.00	499176.21	82097124.06	408.7052	A	1.9

$$y = 8.1876E-004 * x + 0.0012$$

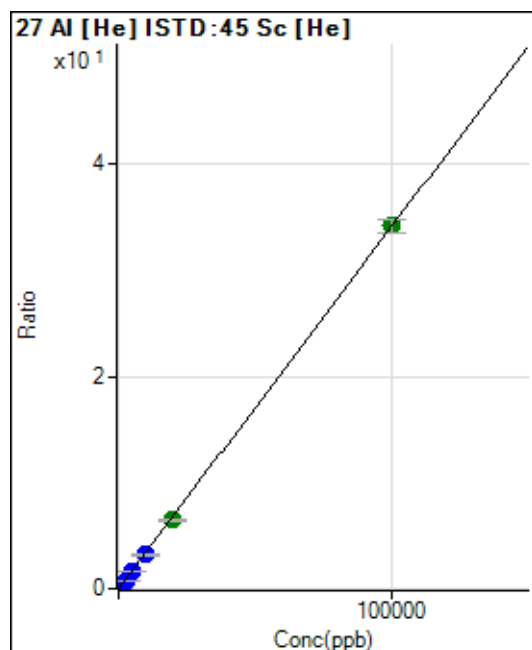
R = 1.0000

DL = 0.8581

BEC = 1.516

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	99.57	0.0005	P	4.7
2	☐	20.000	16.679	1242.40	0.0062	P	5.2
3	☐	1000.000	933.144	64472.55	0.3185	P	0.9
4	☐	2500.000	2282.655	153990.30	0.7784	P	1.0
5	☐	5000.000	4752.351	322269.64	1.6199	P	0.3
6	☐	10000.000	9329.216	640295.28	3.1796	P	1.2
7	☐	20000.000	18929.596	1344994.05	6.4510	A	1.4
8	☐	100000.00	100299.64	6865447.09	34.1791	A	3.4

$$y = 3.4076E-004 * x + 5.0561E-004$$

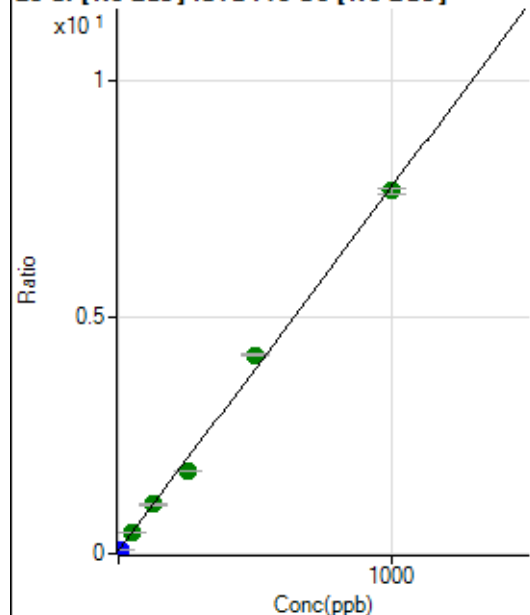
R = 0.9999

DL = 0.2079

BEC = 1.484

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	400726.52	0.0632	P	1.0
2	☐	10.000	1.116	471056.35	0.0718	P	3.2
3	☐	50.000	51.116	3077071.49	0.4568	A	0.8
4	☐	125.000	127.614	7058119.69	1.0460	A	5.3
5	☐	250.000	218.355	11328492.35	1.7448	A	0.8
6	☐	500.000	537.156	27700350.97	4.2000	A	1.1
7	☐	1000.000	989.040	52057650.82	7.6800	A	1.5
8	☐			954691.71	0.1467	A	2.5

$$y = 0.0077 * x + 0.0632$$

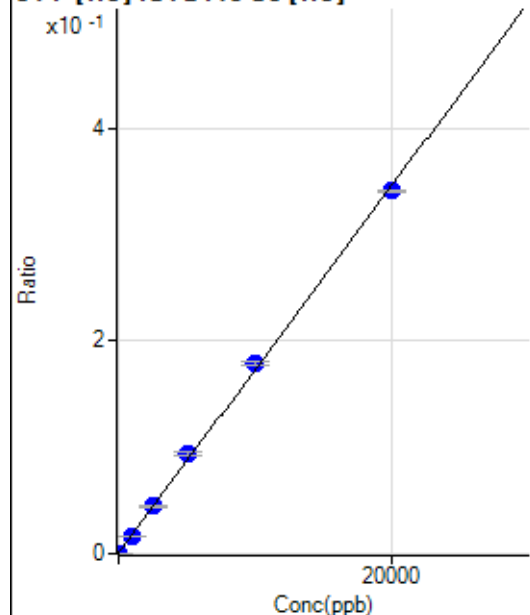
$$R = 0.9984$$

$$DL = 0.2544$$

$$BEC = 8.206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-10.909	86.11	0.0004	P	32.9
2	☐	0.000	10.909	163.89	0.0008	P	11.1
3	☐	1000.000	943.500	3419.94	0.0169	P	3.1
4	☐	2500.000	2532.164	8761.21	0.0443	P	3.2
5	☐	5000.000	5431.996	18759.90	0.0943	P	2.7
6	☐	10000.000	10322.470	35973.40	0.1786	P	1.5
7	☐	20000.000	19729.570	71077.82	0.3409	P	0.5
8	☐			113.89	0.0006	P	32.9

$$y = 1.7246E-005 * x + 6.2678E-004$$

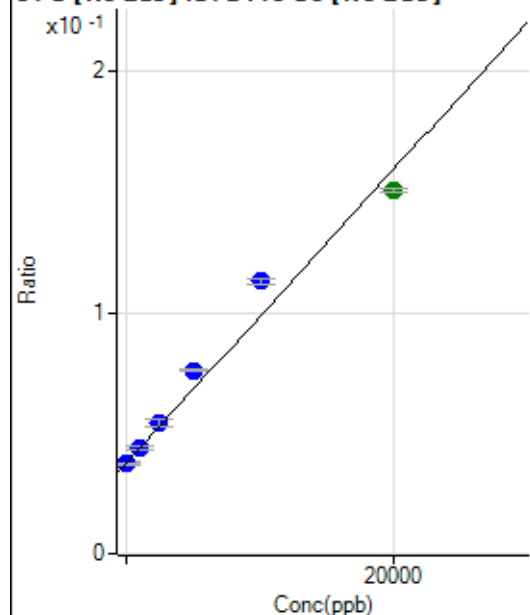
$$R = 0.9995$$

$$DL = 20.46$$

$$BEC = 36.34$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	24.073	238908.73	0.0377	P	2.0
2	☐	0.000	-24.073	245339.79	0.0374	P	2.2
3	☐	1000.000	1045.728	295653.75	0.0439	P	3.2
4	☐	2500.000	2699.884	364327.37	0.0540	P	6.4
5	☐	5000.000	6293.147	493127.86	0.0760	P	0.7
6	☐	10000.000	12330.155	743880.29	0.1128	P	2.2
7	☐	20000.000	18484.364	1019316.30	0.1504	A	1.1
8	☐			201187.83	0.0309	P	4.2

$$y = 6.1047\text{E-}006 * x + 0.0375$$

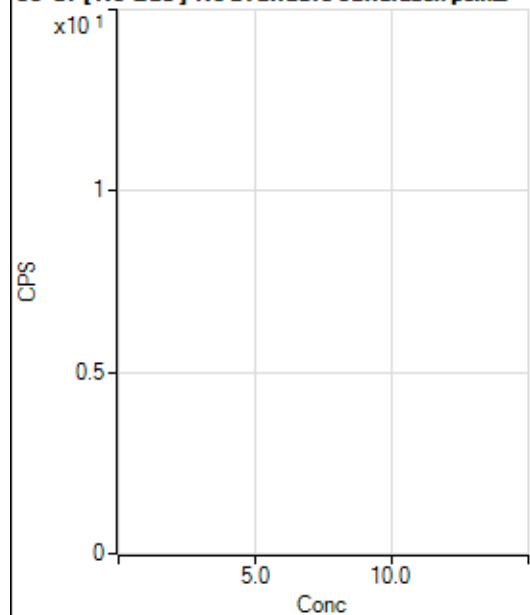
R = 0.9865

DL = 386.9

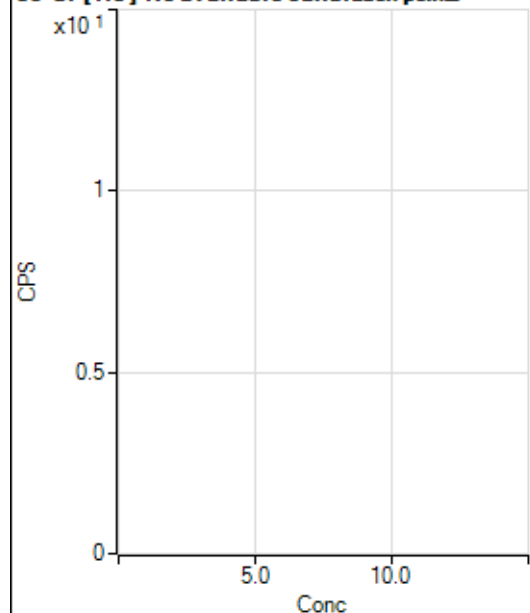
BEC = 6148

Weight: <None>

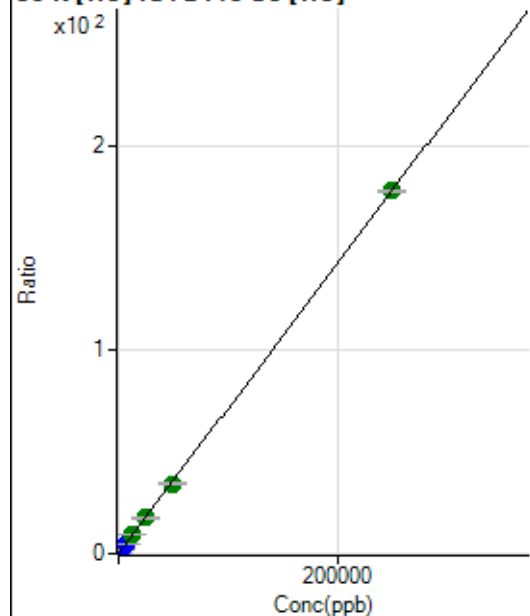
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			223180.15		P	0.2
2	☐			176064.00		P	3.0
3	☐			175334.86		P	0.9
4	☐			165118.29		P	0.5
5	☐			165485.68		P	0.2
6	☐			158019.86		P	0.7
7	☐			156127.85		P	0.3
8	☐			151414.90		P	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1855.72		P	0.5
2	☐			1377.88		P	0.3
3	☐			1408.44		P	8.0
4	☐			1372.32		P	5.8
5	☐			1464.00		P	9.7
6	☐			1411.23		P	8.6
7	☐			1308.43		P	5.7
8	☐			1272.31		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17271.80	0.0877	P	0.7
2	☐	500.000	451.814	82002.66	0.4083	P	2.1
3	☐	2500.000	2422.471	365821.64	1.8069	P	2.9
4	☐	6250.000	5958.379	853755.40	4.3162	P	2.7
5	☐	12500.000	12954.892	1846631.42	9.2815	A	1.5
6	☐	25000.000	24759.485	3555748.77	17.6590	A	2.7
7	☐	50000.000	48138.809	7141420.82	34.2507	A	2.1
8	☐	250000.00	250381.70	35711356.36	177.7781	A	0.5

$$y = 7.0968E-004 * x + 0.0877$$

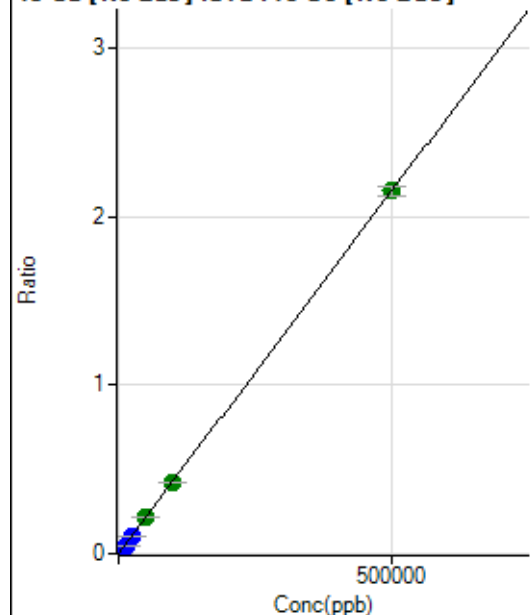
$$R = 1.0000$$

$$DL = 2.664$$

$$BEC = 123.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	209.14	0.0000	P	7.5
2	☐	500.000	459.999	13198.99	0.0020	P	0.8
3	☐	5000.000	4821.765	139812.93	0.0208	P	2.2
4	☐	12500.000	11496.995	333614.73	0.0495	P	6.6
5	☐	25000.000	24961.816	697022.88	0.1074	P	1.3
6	☐	50000.000	50886.644	1443002.55	0.2188	A	2.7
7	☐	100000.00	97935.261	2854418.57	0.4211	A	1.4
8	☐	500000.00	500353.09	14004432.18	2.1513	A	2.4

$$y = 4.2995\text{E-}006 * x + 3.2963\text{E-}005$$

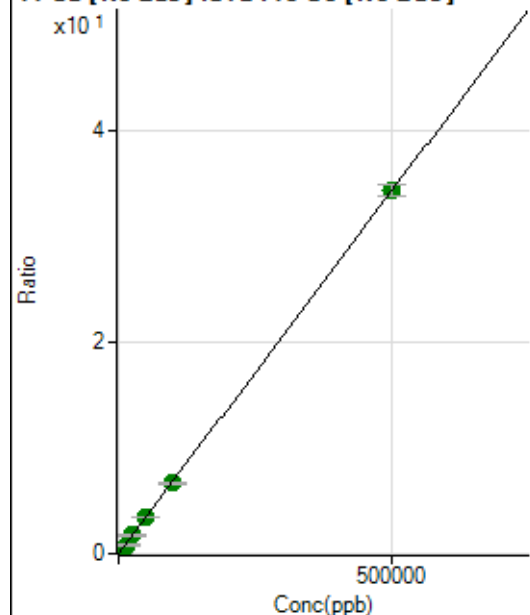
$$R = 1.0000$$

$$DL = 1.717$$

$$BEC = 7.667$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6350.63	0.0010	P	1.8
2	☐	500.000	458.880	213385.56	0.0325	P	1.7
3	☐	5000.000	4974.284	2308277.46	0.3426	A	1.5
4	☐	12500.000	11724.388	5438939.62	0.8061	A	5.6
5	☐	25000.000	25241.197	11260930.32	1.7344	A	1.7
6	☐	50000.000	50336.773	22802782.81	3.4577	A	1.8
7	☐	100000.00	97392.007	45342412.27	6.6891	A	1.5
8	☐	500000.00	500495.55	223720573.6	34.3710	A	3.2

$$y = 6.8672\text{E-}005 * x + 0.0010$$

$$R = 1.0000$$

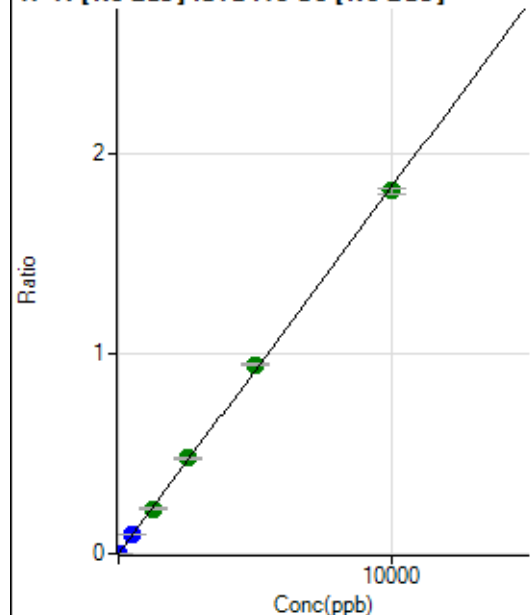
$$DL = 0.7752$$

$$BEC = 14.58$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	191.67	0.0000	P	20.0
2	☐	5.000	4.986	6195.95	0.0009	P	1.8
3	☐	500.000	508.423	627375.40	0.0932	P	2.1
4	☐	1250.000	1226.772	1516776.65	0.2248	A	6.0
5	☐	2500.000	2616.531	3112293.95	0.4794	A	1.8
6	☐	5000.000	5160.945	6235504.13	0.9455	A	1.6
7	☐	10000.000	9892.877	12286797.32	1.8124	A	1.3
8	☐			2458.62	0.0004	P	6.4

$$y = 1.8320E-004 * x + 3.0265E-005$$

$$R = 0.9997$$

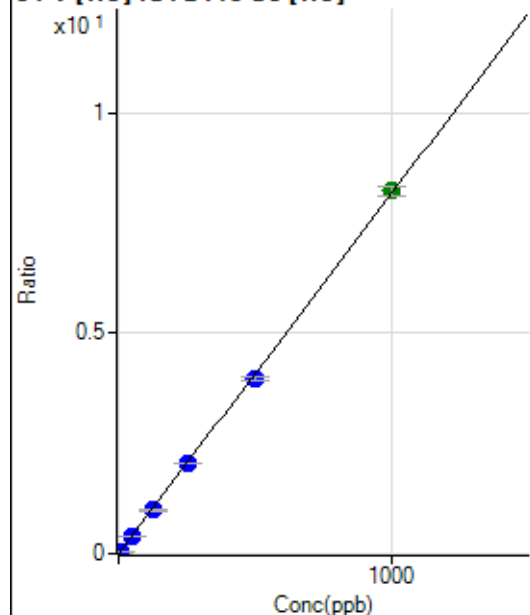
$$DL = 0.09931$$

$$BEC = 0.1652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	2.3
2	☐	5.000	4.702	7713.26	0.0384	P	0.9
3	☐	50.000	49.110	81161.17	0.4009	P	1.3
4	☐	125.000	120.355	194348.86	0.9826	P	2.8
5	☐	250.000	249.605	405385.92	2.0378	P	0.6
6	☐	500.000	486.260	799470.54	3.9698	P	2.1
7	☐	1000.000	1007.595	1714927.87	8.2260	A	2.8
8	☐			332.23	0.0017	P	12.4

$$y = 0.0082 * x + 1.6909E-005$$

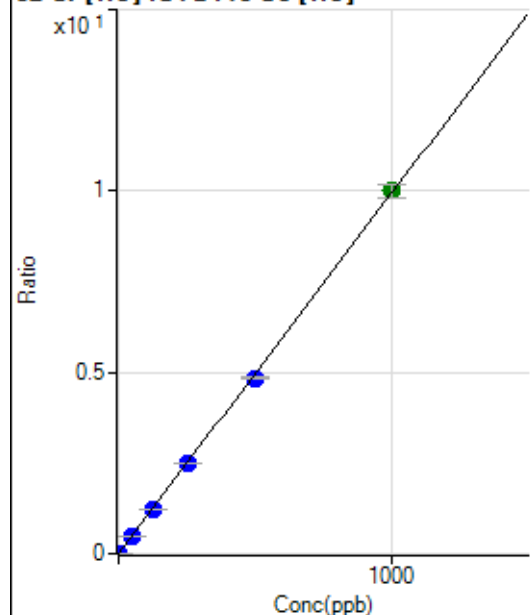
$$R = 0.9999$$

$$DL = 0.000142$$

$$BEC = 0.002071$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	888.93	0.0045	P	4.6
2	☐	2.000	1.883	4664.14	0.0232	P	1.2
3	☐	50.000	49.517	100503.11	0.4965	P	1.7
4	☐	125.000	121.610	239957.09	1.2128	P	2.0
5	☐	250.000	249.683	494479.52	2.4854	P	1.0
6	☐	500.000	487.410	976173.18	4.8475	P	0.7
7	☐	1000.000	1006.822	2086403.46	10.0084	A	3.4
8	☐			18730.17	0.0932	P	2.8

$$y = 0.0099 * x + 0.0045$$

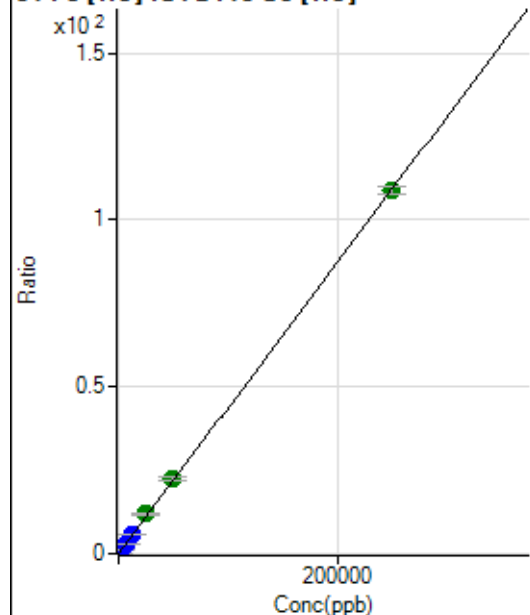
$$R = 0.9999$$

$$DL = 0.06217$$

$$BEC = 0.4544$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	514.84	0.0026	P	15.2
2	☐	50.000	49.625	4865.76	0.0242	P	5.4
3	☐	2500.000	2542.763	224802.42	1.1104	P	1.3
4	☐	6250.000	6141.265	529715.56	2.6782	P	3.2
5	☐	12500.000	13062.577	1132663.78	5.6937	P	1.6
6	☐	25000.000	27109.061	2379190.88	11.8135	A	1.9
7	☐	50000.000	51657.019	4692291.48	22.5085	A	3.5
8	☐	250000.00	249431.85	21829731.97	108.6751	A	2.1

$$y = 4.3568E-004 * x + 0.0026$$

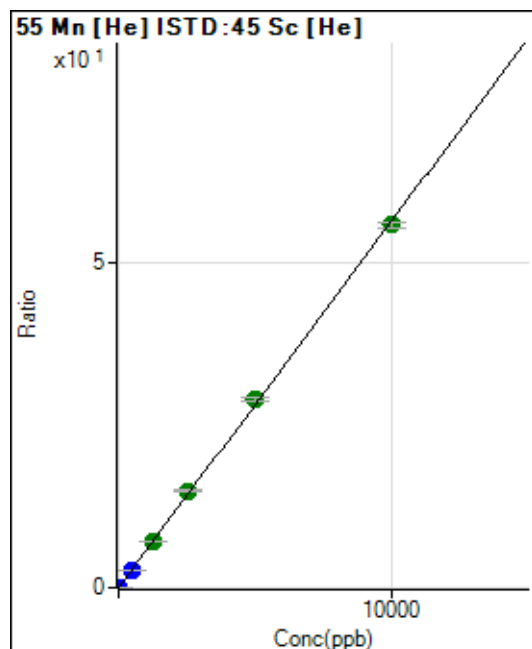
$$R = 0.9999$$

$$DL = 2.732$$

$$BEC = 5.992$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.11	0.0005	P	36.8
2	☐	1.000	0.923	1138.95	0.0057	P	2.4
3	☐	500.000	490.340	559961.72	2.7662	P	1.2
4	☐	1250.000	1266.974	1413706.96	7.1467	A	2.0
5	☐	2500.000	2644.559	2967454.57	14.9168	A	0.7
6	☐	5000.000	5122.861	5819615.05	28.8955	A	2.1
7	☐	10000.000	9900.791	11643532.74	55.8449	A	1.9
8	☐			5751.22	0.0286	P	4.9

$$y = 0.0056 * x + 4.6506E-004$$

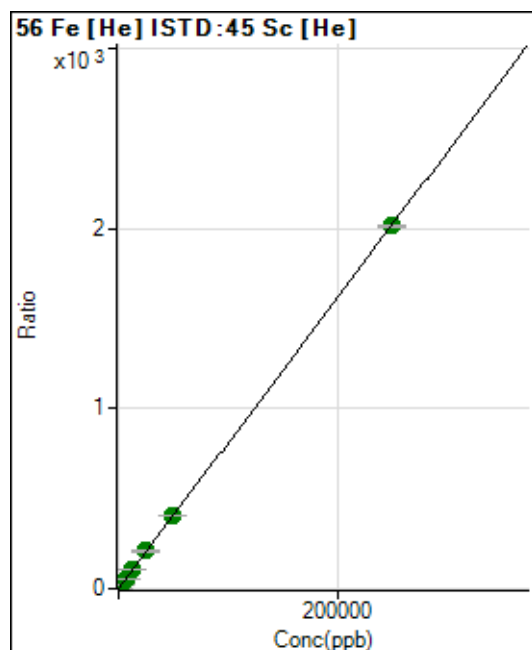
$$R = 0.9998$$

$$DL = 0.09098$$

$$BEC = 0.08245$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3665.34	0.0186	P	6.5
2	☐	50.000	47.820	81108.23	0.4038	P	1.1
3	☐	2500.000	2673.222	4363720.64	21.5537	A	0.9
4	☐	6250.000	6426.918	10245337.96	51.7930	A	2.0
5	☐	12500.000	13144.444	21069095.84	105.9085	A	0.8
6	☐	25000.000	25925.115	42064576.40	208.8679	A	2.1
7	☐	50000.000	50234.370	84381049.11	404.7000	A	0.5
8	☐	250000.00	249822.23	404270486.8	2,012.553	A	0.4

$$y = 0.0081 * x + 0.0186$$

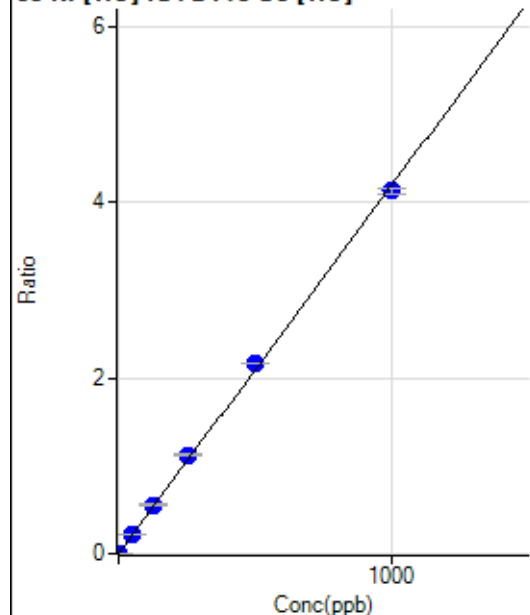
$$R = 1.0000$$

$$DL = 0.4516$$

$$BEC = 2.31$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0002	P	27.7
2	☐	1.000	1.079	946.71	0.0047	P	5.6
3	☐	50.000	53.593	45483.95	0.2247	P	1.7
4	☐	125.000	131.337	108862.43	0.5504	P	2.9
5	☐	250.000	268.593	223873.93	1.1254	P	0.9
6	☐	500.000	517.872	436937.59	2.1696	P	0.2
7	☐	1000.000	985.444	860732.10	4.1284	P	1.4
8	☐			7161.87	0.0357	P	2.4

$$y = 0.0042 * x + 1.9789E-004$$

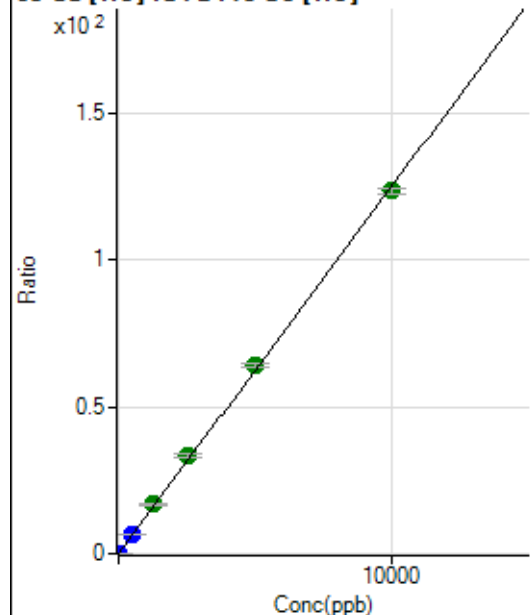
$$R = 0.9996$$

$$DL = 0.03931$$

$$BEC = 0.04724$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	566.69	0.0029	P	5.0
2	☐	2.000	2.025	5666.74	0.0282	P	0.3
3	☐	500.000	510.449	1293276.14	6.3885	P	0.6
4	☐	1250.000	1335.974	3306287.49	16.7157	A	2.8
5	☐	2500.000	2665.837	6634369.69	33.3522	A	2.4
6	☐	5000.000	5127.286	12917411.20	64.1446	A	1.8
7	☐	10000.000	9883.628	25779011.84	123.6459	A	1.5
8	☐			8111.28	0.0404	P	4.4

$$y = 0.0125 * x + 0.0029$$

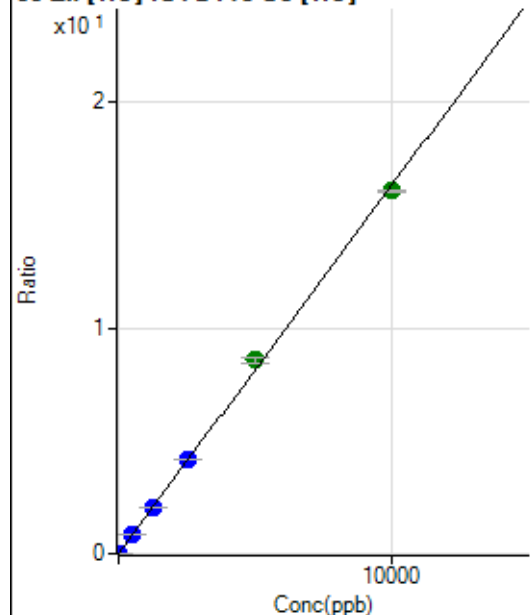
$$R = 0.9997$$

$$DL = 0.03475$$

$$BEC = 0.23$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	269.37	0.0014	P	10.5
2	☐	2.000	2.213	997.29	0.0050	P	11.4
3	☐	500.000	513.258	169604.56	0.8379	P	1.2
4	☐	1250.000	1249.895	403144.64	2.0384	P	3.6
5	☐	2500.000	2564.958	831863.52	4.1816	P	1.0
6	☐	5000.000	5251.628	1723749.70	8.5603	A	2.5
7	☐	10000.000	9857.297	3349932.67	16.0664	A	0.3
8	☐			5987.80	0.0298	P	1.4

$$y = 0.0016 * x + 0.0014$$

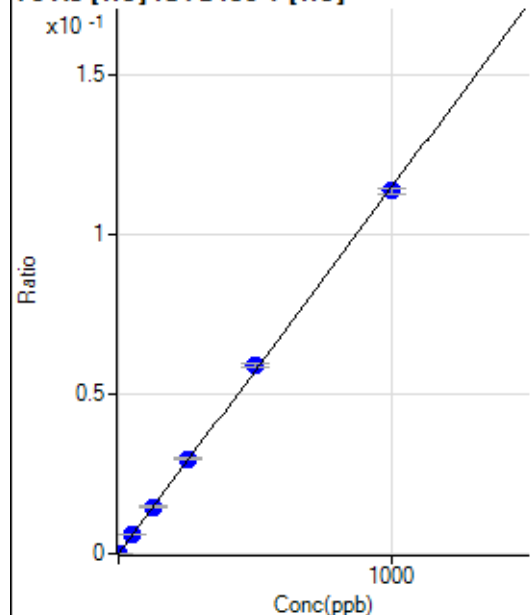
$$R = 0.9995$$

$$DL = 0.2641$$

$$BEC = 0.8377$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.67	0.0000	P	62.3
2	☐	1.000	1.157	235.36	0.0001	P	5.1
3	☐	50.000	53.475	10597.71	0.0061	P	1.9
4	☐	125.000	127.904	24724.04	0.0147	P	1.8
5	☐	250.000	258.783	51004.23	0.0297	P	0.9
6	☐	500.000	513.829	101039.24	0.0590	P	2.5
7	☐	1000.000	990.353	200823.98	0.1136	P	1.9
8	☐			95.68	0.0001	P	5.4

$$y = 1.1474E-004 * x + 3.8113E-006$$

$$R = 0.9998$$

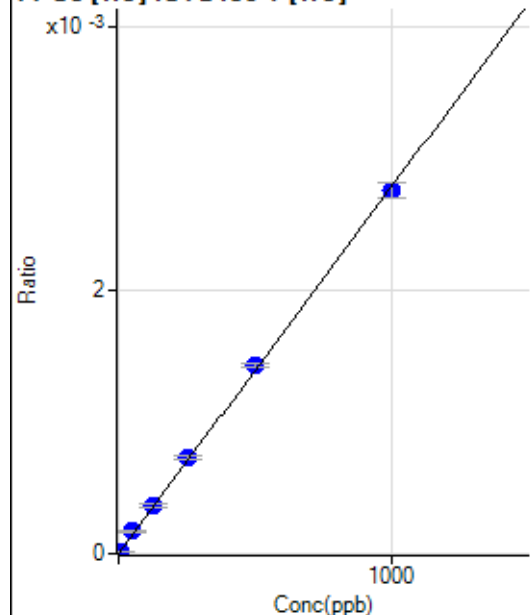
$$DL = 0.06205$$

$$BEC = 0.03322$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.787	27.78	0.0000	P	30.6
3	☐	50.000	61.247	294.45	0.0002	P	7.7
4	☐	125.000	132.331	621.13	0.0004	P	9.3
5	☐	250.000	262.639	1256.74	0.0007	P	4.9
6	☐	500.000	512.865	2450.24	0.0014	P	1.4
7	☐	1000.000	988.925	4869.78	0.0028	P	4.2
8	☐			2.22	0.0000	P	86.6

$$y = 2.7871\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

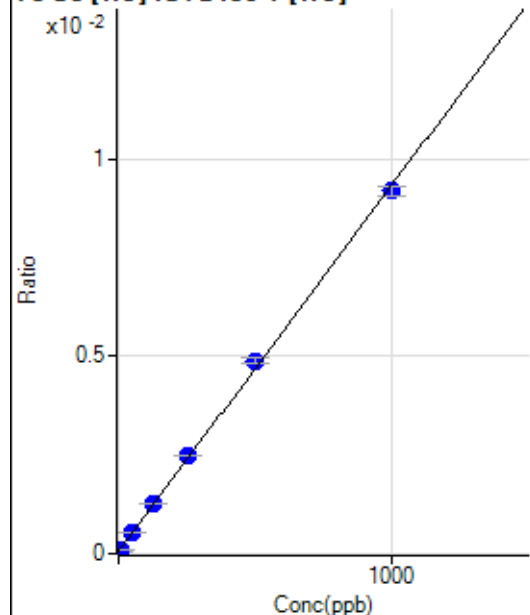
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	101.01	0.0001	P	5.5
2	☐	5.000	6.030	196.02	0.0001	P	6.0
3	☐	50.000	53.078	949.79	0.0006	P	3.1
4	☐	125.000	130.375	2134.38	0.0013	P	1.7
5	☐	250.000	262.119	4275.42	0.0025	P	0.5
6	☐	500.000	521.318	8387.02	0.0049	P	2.8
7	☐	1000.000	985.480	16256.66	0.0092	P	2.4
8	☐			109.68	0.0001	P	4.1

$$y = 9.2767\text{E-}006 * x + 5.7798\text{E-}005$$

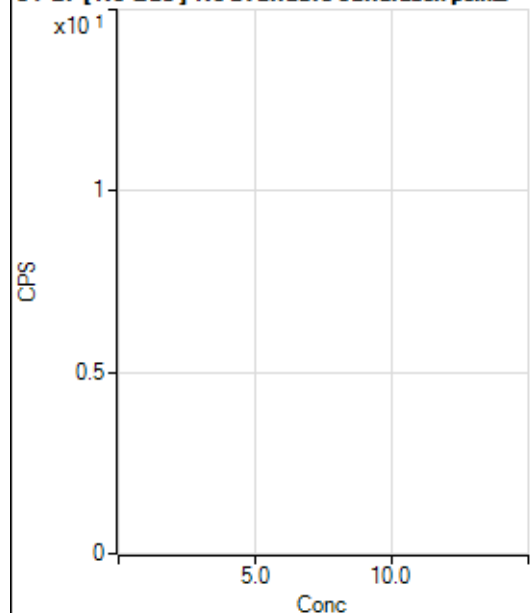
$$R = 0.9996$$

$$DL = 1.034$$

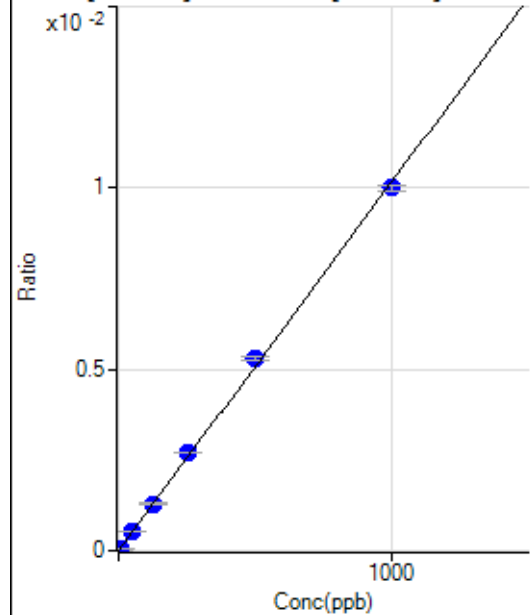
$$BEC = 6.23$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			40533.98		P	2.4
2	☐			42398.85		P	2.5
3	☐			41591.92		P	5.6
4	☐			40045.68		P	2.5
5	☐			38486.52		P	1.5
6	☐			37074.42		P	6.6
7	☐			38342.71		P	0.5
8	☐			39256.33		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-0.84	0.0000	P	-4305.
2	☐	5.000	4.733	755.18	0.0000	P	1.9
3	☐	50.000	53.195	8667.36	0.0005	P	0.2
4	☐	125.000	126.889	20609.51	0.0013	P	5.7
5	☐	250.000	266.210	42156.27	0.0027	P	1.0
6	☐	500.000	521.690	84316.21	0.0053	P	1.5
7	☐	1000.000	984.708	162001.59	0.0100	P	1.3
8	☐			257.14	0.0000	P	70.3

$$y = 1.0163\text{E-}005 * x - 7.3956\text{E-}008$$

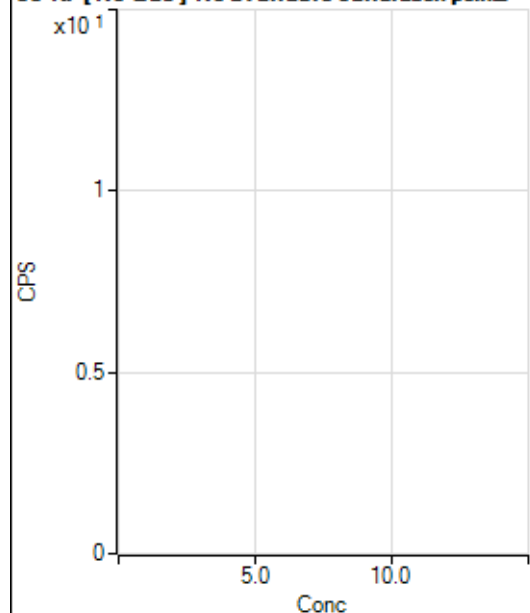
$$R = 0.9995$$

$$DL = 0.9398$$

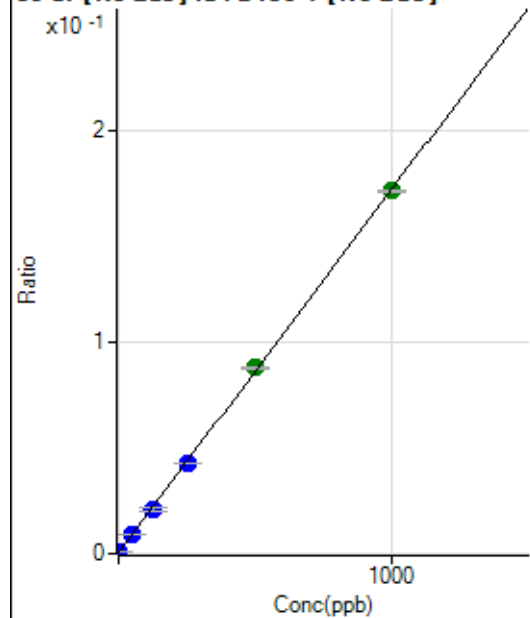
$$BEC = -0.007277$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4522.26		P	2.0
2	☐			4628.11		P	0.4
3	☐			4632.70		P	2.1
4	☐			4499.75		P	0.6
5	☐			4418.49		P	2.6
6	☐			4463.08		P	3.5
7	☐			4435.99		P	2.1
8	☐			4568.93		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7302.08	0.0005	P	0.2
2	☐	1.000	0.858	9837.04	0.0006	P	3.3
3	☐	50.000	48.069	140094.76	0.0087	P	2.1
4	☐	125.000	118.660	333353.71	0.0209	P	6.9
5	☐	250.000	247.302	669602.25	0.0430	P	0.6
6	☐	500.000	510.316	1402231.20	0.0882	A	0.9
7	☐	1000.000	996.406	2779186.41	0.1717	A	0.7
8	☐			21661.64	0.0014	P	3.7

$$y = 1.7183E-004 * x + 4.7822E-004$$

$$R = 0.9999$$

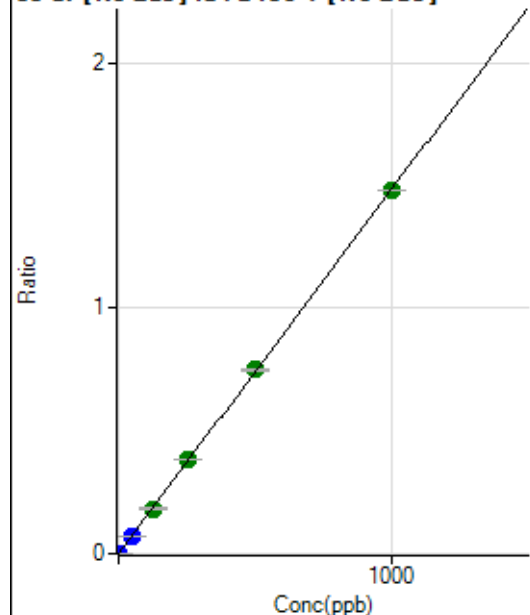
$$DL = 0.01534$$

$$BEC = 2.783$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	113.89	0.0000	P	30.7
2	☐	1.000	0.947	22204.31	0.0014	P	2.0
3	☐	50.000	49.414	1175463.56	0.0733	P	1.3
4	☐	125.000	122.882	2914765.69	0.1823	A	4.9
5	☐	250.000	257.318	5949275.26	0.3818	A	0.8
6	☐	500.000	504.779	11911243.67	0.7489	A	0.7
7	☐	1000.000	996.075	23922306.96	1.4778	A	0.2
8	☐			129248.33	0.0084	P	2.5

$$y = 0.0015 * x + 7.4762E-006$$

$$R = 0.9999$$

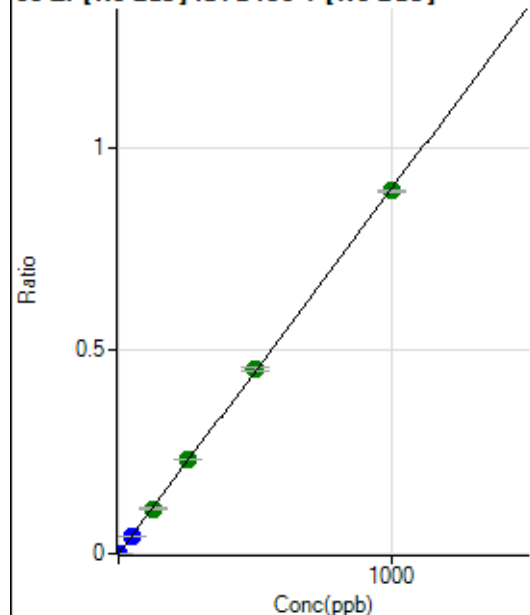
$$DL = 0.004644$$

$$BEC = 0.005039$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	591.70	0.0000	P	6.1
2	☐	1.000	0.915	13518.00	0.0009	P	1.2
3	☐	50.000	49.421	711396.30	0.0444	P	0.4
4	☐	125.000	122.820	1761403.06	0.1102	A	5.7
5	☐	250.000	258.873	3619030.20	0.2323	A	0.5
6	☐	500.000	506.708	7229001.47	0.4546	A	1.3
7	☐	1000.000	994.729	14445517.34	0.8923	A	0.6
8	☐			6696.24	0.0004	P	1.1

$$y = 8.9701E-004 * x + 3.8752E-005$$

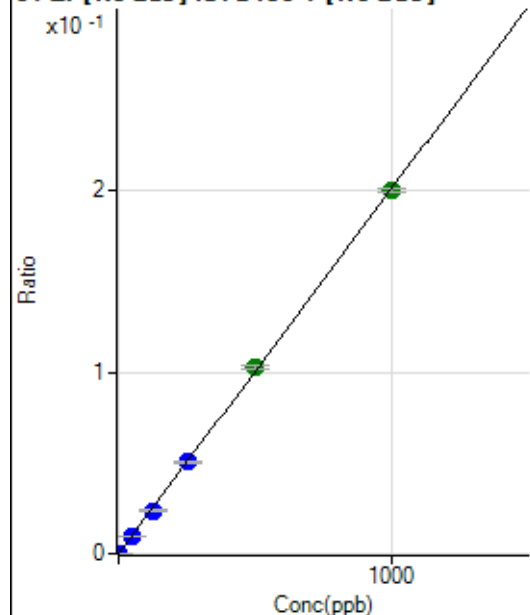
$$R = 0.9999$$

$$DL = 0.007864$$

$$BEC = 0.0432$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.78	0.0000	P	26.1
2	☐	1.000	0.889	2942.05	0.0002	P	2.2
3	☐	50.000	48.789	157406.33	0.0098	P	1.7
4	☐	125.000	118.477	380909.55	0.0238	P	5.4
5	☐	250.000	252.531	791275.24	0.0508	P	1.8
6	☐	500.000	512.027	1637240.67	0.1030	A	2.6
7	☐	1000.000	994.230	3236330.95	0.1999	A	1.1
8	☐			1441.77	0.0001	P	12.4

$$y = 2.0107\text{E-}004 * x + 8.3654\text{E-}006$$

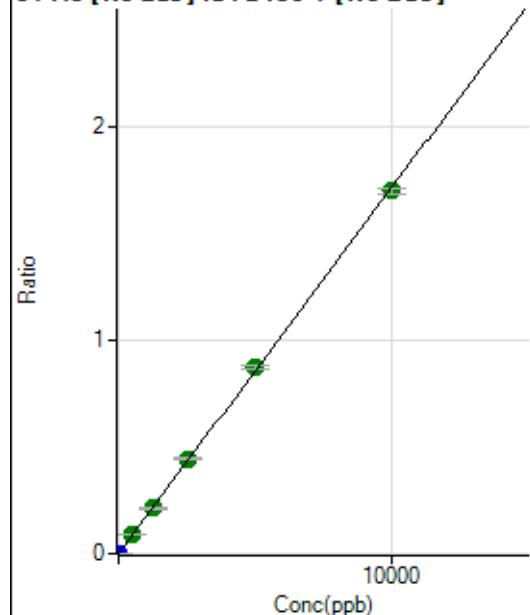
$$R = 0.9999$$

$$DL = 0.03253$$

$$BEC = 0.0416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	37.7
2	☐	5.000	5.926	16165.36	0.0010	P	2.0
3	☐	500.000	523.444	1437683.70	0.0897	A	1.6
4	☐	1250.000	1238.558	3389695.67	0.2122	A	6.8
5	☐	2500.000	2587.769	6906844.77	0.4433	A	2.3
6	☐	5000.000	5120.463	13948561.25	0.8772	A	2.0
7	☐	10000.000	9918.084	27501927.70	1.6990	A	1.5
8	☐			10426.45	0.0007	P	7.0

$$y = 1.7130\text{E-}004 * x + 1.3079\text{E-}005$$

$$R = 0.9998$$

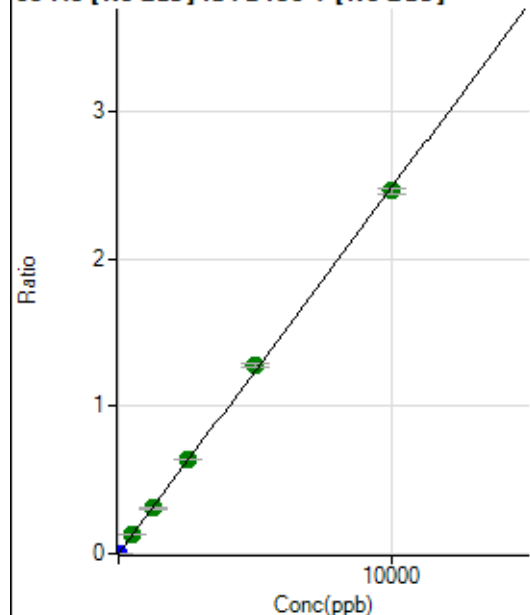
$$DL = 0.08644$$

$$BEC = 0.07635$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69.45	0.0000	P	17.8
2	☐	5.000	4.958	19422.41	0.0012	P	4.6
3	☐	500.000	517.894	2061386.12	0.1286	A	1.5
4	☐	1250.000	1235.001	4896436.87	0.3066	A	7.8
5	☐	2500.000	2578.082	9972958.12	0.6400	A	1.0
6	☐	5000.000	5134.233	20269782.23	1.2746	A	1.9
7	☐	10000.000	9914.343	39844413.04	2.4614	A	1.9
8	☐			12005.53	0.0008	P	8.2

$$y = 2.4826\text{E-}004 * x + 4.5454\text{E-}006$$

$$R = 0.9998$$

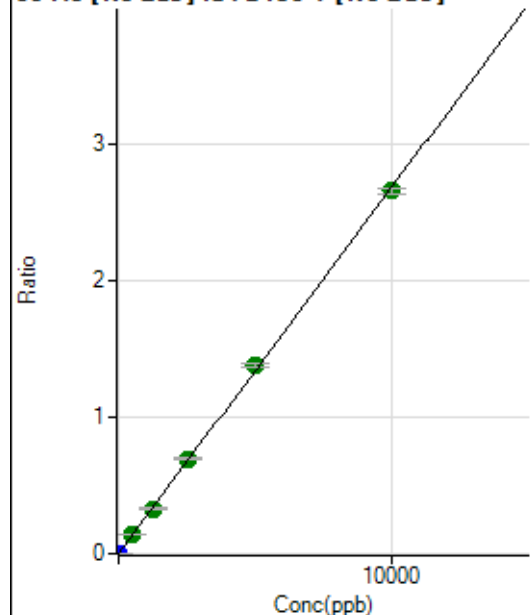
$$DL = 0.009773$$

$$BEC = 0.01831$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0000	P	15.0
2	☐	5.000	5.005	21397.71	0.0014	P	1.6
3	☐	500.000	519.700	2231672.36	0.1392	A	0.5
4	☐	1250.000	1227.770	5252633.75	0.3288	A	6.9
5	☐	2500.000	2591.817	10814972.90	0.6941	A	1.0
6	☐	5000.000	5141.185	21893167.68	1.3768	A	2.2
7	☐	10000.000	9908.247	42952497.14	2.6533	A	1.8
8	☐			35883.69	0.0023	P	3.7

$$y = 2.6779\text{E-}004 * x + 2.0717\text{E-}005$$

$$R = 0.9998$$

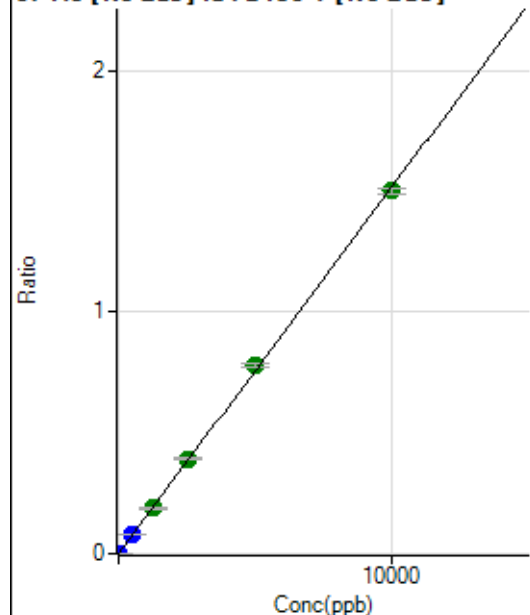
$$DL = 0.03485$$

$$BEC = 0.07736$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	64.7
2	☐	5.000	5.017	12005.59	0.0008	P	3.3
3	☐	500.000	508.711	1237129.85	0.0772	P	1.7
4	☐	1250.000	1241.206	3008610.70	0.1883	A	6.2
5	☐	2500.000	2583.923	6107328.35	0.3920	A	1.5
6	☐	5000.000	5142.409	12404084.74	0.7801	A	2.3
7	☐	10000.000	9908.478	24329752.63	1.5030	A	1.5
8	☐			8097.01	0.0005	P	6.3

$$y = 1.5169\text{E-}004 * x + 2.5359\text{E-}006$$

$$R = 0.9998$$

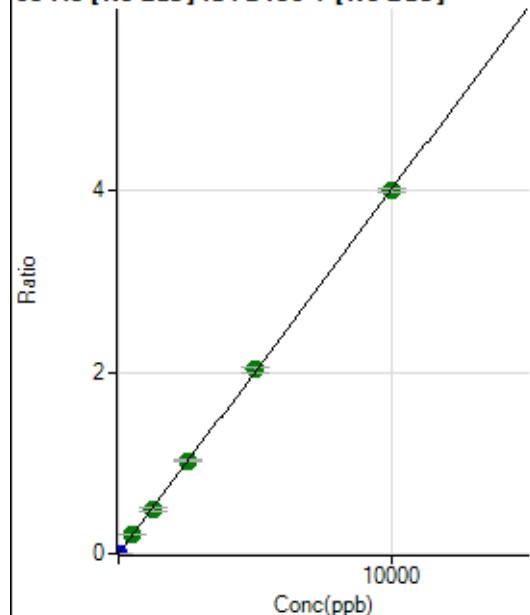
$$DL = 0.03244$$

$$BEC = 0.01672$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	141.67	0.0000	P	20.7
2	☐	5.000	4.915	31138.36	0.0020	P	3.1
3	☐	500.000	506.153	3254451.33	0.2030	A	1.2
4	☐	1250.000	1211.819	7767619.96	0.4860	A	5.6
5	☐	2500.000	2545.647	15907630.56	1.0209	A	1.8
6	☐	5000.000	5056.314	32242156.28	2.0278	A	3.6
7	☐	10000.000	9964.896	64691035.47	3.9963	A	1.1
8	☐			18679.87	0.0012	P	9.6

$$y = 4.0104\text{E-}004 * x + 9.2716\text{E-}006$$

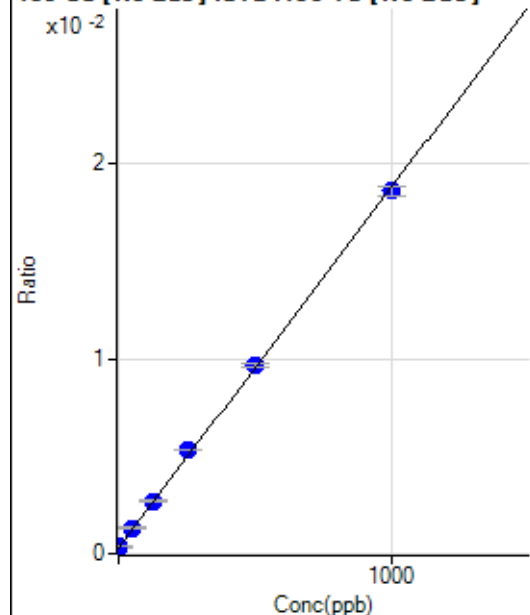
$$R = 1.0000$$

$$DL = 0.01437$$

$$BEC = 0.02312$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3103.21	0.0003	P	5.7
2	☐	1.000	3.872	3931.21	0.0004	P	4.4
3	☐	50.000	56.388	14911.16	0.0013	P	3.0
4	☐	125.000	129.651	30178.10	0.0027	P	3.3
5	☐	250.000	272.459	59158.72	0.0053	P	0.4
6	☐	500.000	506.631	112001.09	0.0097	P	1.6
7	☐	1000.000	990.166	214444.78	0.0186	P	2.7
8	☐			3911.78	0.0003	P	5.9

$$y = 1.8501\text{E-}005 * x + 2.8656\text{E-}004$$

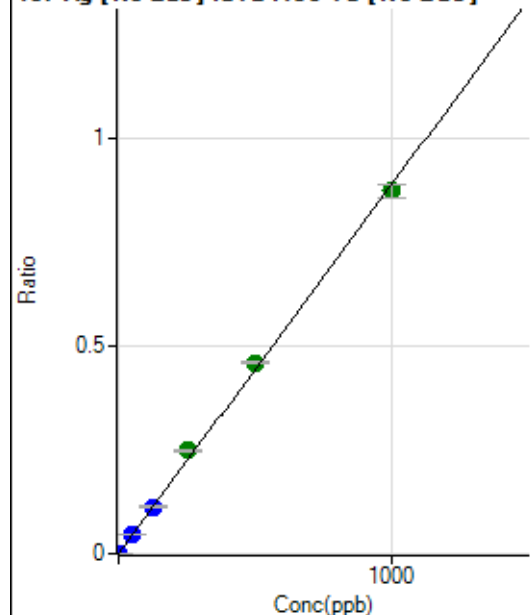
$$R = 0.9997$$

$$DL = 2.632$$

$$BEC = 15.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	111.12	0.0000	P	30.1
2	☐	1.000	0.988	9764.80	0.0009	P	4.6
3	☐	50.000	52.283	521740.06	0.0465	P	3.6
4	☐	125.000	125.807	1257322.19	0.1120	P	4.9
5	☐	250.000	279.453	2762106.92	0.2487	A	2.6
6	☐	500.000	518.069	5346759.71	0.4611	A	0.6
7	☐	1000.000	983.387	10087239.11	0.8752	A	3.4
8	☐			3658.93	0.0003	P	3.7

$$y = 8.8998\text{E-}004 * x + 1.0342\text{E-}005$$

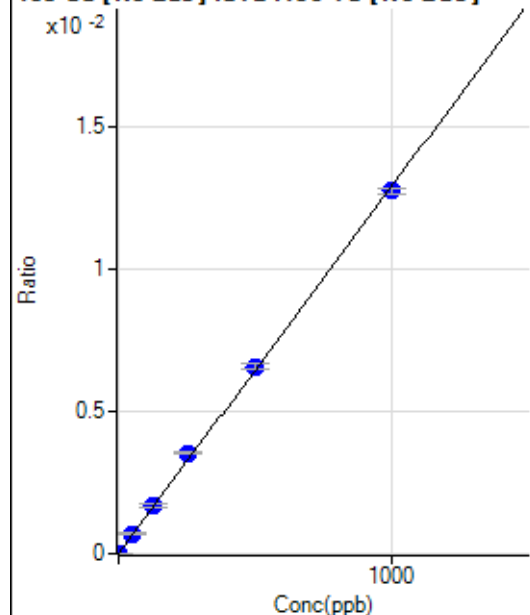
$$R = 0.9992$$

$$DL = 0.01051$$

$$BEC = 0.01162$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	25.3
2	☐	1.000	1.313	233.34	0.0000	P	8.1
3	☐	50.000	53.967	7862.06	0.0007	P	2.7
4	☐	125.000	129.971	18883.93	0.0017	P	6.7
5	☐	250.000	274.542	39417.50	0.0035	P	0.9
6	☐	500.000	509.141	76288.19	0.0066	P	2.8
7	☐	1000.000	988.474	147189.10	0.0128	P	1.7
8	☐			113.89	0.0000	P	16.2

$$y = 1.2913\text{E-}005 * x + 4.3428\text{E-}006$$

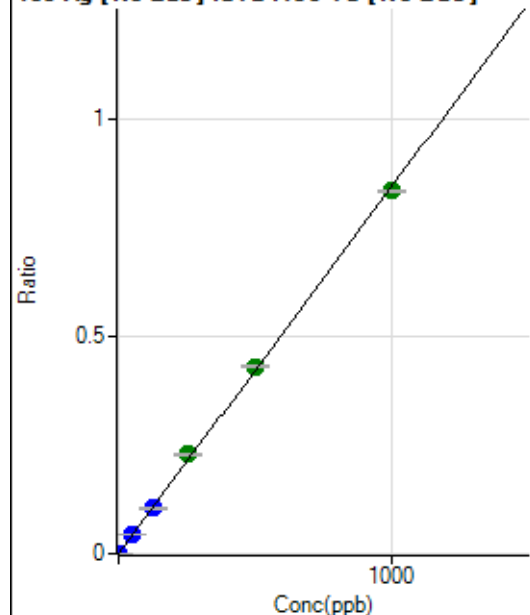
$$R = 0.9996$$

$$DL = 0.255$$

$$BEC = 0.3363$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	42.3
2	☐	1.000	1.003	9328.41	0.0009	P	2.4
3	☐	50.000	52.054	492173.35	0.0439	P	1.7
4	☐	125.000	125.026	1183689.95	0.1054	P	4.9
5	☐	250.000	271.968	2546390.33	0.2293	A	1.5
6	☐	500.000	510.633	4992852.63	0.4305	A	1.7
7	☐	1000.000	989.086	9614199.60	0.8339	A	0.2
8	☐			3753.40	0.0003	P	7.0

$$y = 8.4311\text{E-}004 * x + 5.0778\text{E-}006$$

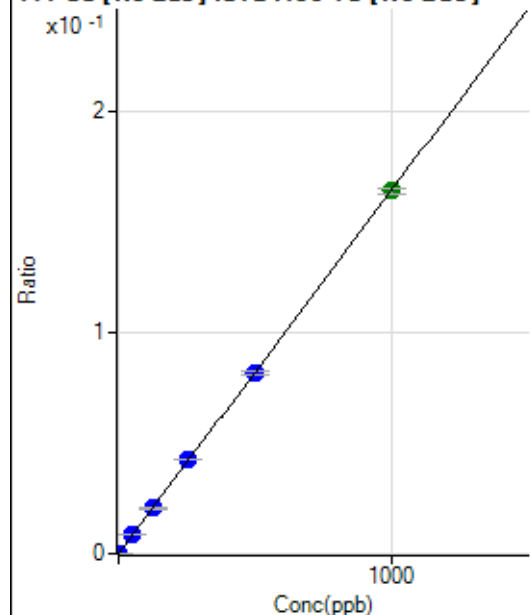
$$R = 0.9996$$

$$DL = 0.007649$$

$$BEC = 0.006023$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39.64	0.0000	P	37.6
2	☐	1.000	1.099	2017.84	0.0002	P	2.6
3	☐	50.000	53.057	97612.06	0.0087	P	3.3
4	☐	125.000	125.884	231861.21	0.0207	P	5.4
5	☐	250.000	259.273	472307.26	0.0425	P	1.0
6	☐	500.000	498.110	947288.66	0.0817	P	2.2
7	☐	1000.000	998.363	1888000.03	0.1638	A	1.4
8	☐			658.03	0.0001	P	9.7

$$y = 1.6404\text{E-}004 * x + 3.6561\text{E-}006$$

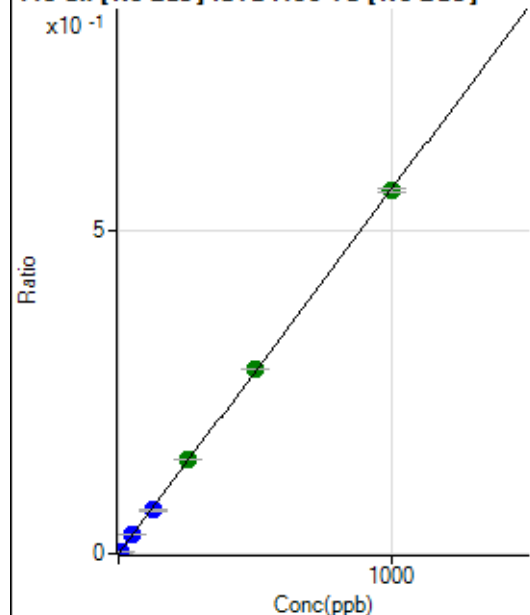
$$R = 0.9999$$

$$DL = 0.02512$$

$$BEC = 0.02229$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	730.60	0.0001	P	6.0
2	☐	5.000	4.796	30353.78	0.0028	P	2.2
3	☐	50.000	50.962	322572.47	0.0288	P	1.4
4	☐	125.000	119.414	755821.84	0.0673	P	5.0
5	☐	250.000	258.052	1614337.70	0.1454	A	1.4
6	☐	500.000	505.508	3301607.58	0.2847	A	0.3
7	☐	1000.000	995.884	6466430.66	0.5609	A	1.1
8	☐			7138.15	0.0006	P	1.7

$$y = 5.6313\text{E-}004 * x + 6.7479\text{E-}005$$

$$R = 0.9999$$

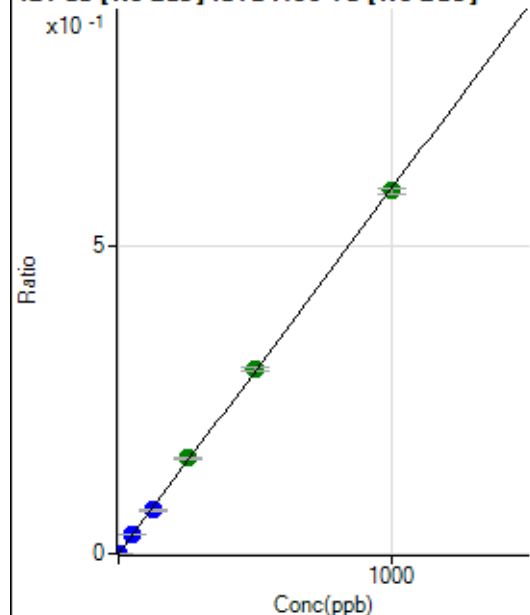
$$DL = 0.02153$$

$$BEC = 0.1198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	29.3
2	☐	2.000	1.882	12291.94	0.0011	P	3.6
3	☐	50.000	51.004	339734.01	0.0303	P	2.2
4	☐	125.000	120.447	803576.09	0.0716	P	4.3
5	☐	250.000	262.625	1732289.40	0.1560	A	1.5
6	☐	500.000	506.794	3490902.59	0.3010	A	1.5
7	☐	1000.000	993.966	6805972.20	0.5904	A	1.6
8	☐			5631.87	0.0005	P	6.5

$$y = 5.9402\text{E-}004 * x + 3.3570\text{E-}006$$

$$R = 0.9998$$

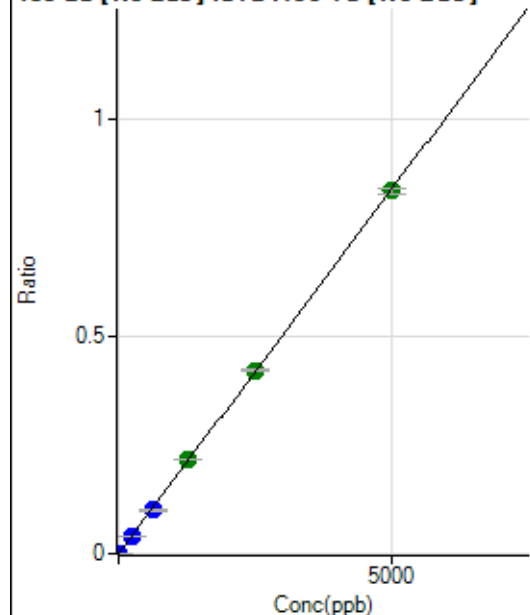
$$DL = 0.00496$$

$$BEC = 0.005651$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	59.2
2	☐	10.000	9.228	17016.60	0.0016	P	4.6
3	☐	250.000	246.169	463472.17	0.0413	P	1.9
4	☐	625.000	597.374	1125688.16	0.1003	P	6.4
5	☐	1250.000	1296.891	2418020.00	0.2178	A	1.4
6	☐	2500.000	2520.451	4907263.52	0.4232	A	0.4
7	☐	5000.000	4981.698	9641864.62	0.8365	A	1.7
8	☐			3797.86	0.0003	P	1.7

$$y = 1.6791\text{E-}004 * x + 2.3386\text{E-}006$$

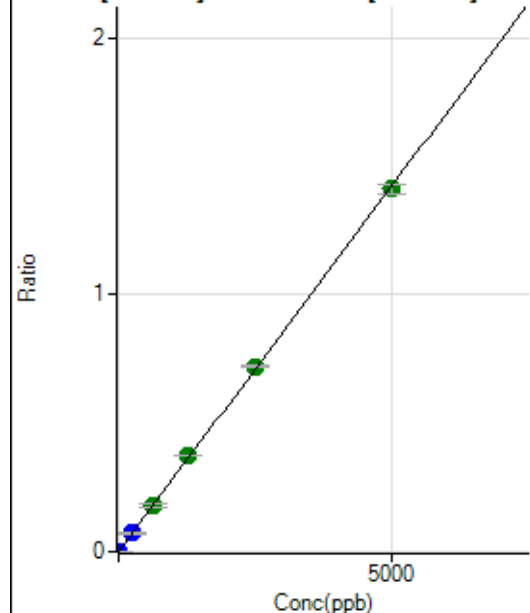
$$R = 0.9999$$

$$DL = 0.02473$$

$$BEC = 0.01393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	52.9
2	☐	10.000	9.489	29622.07	0.0027	P	5.3
3	☐	250.000	252.880	806604.74	0.0719	P	3.0
4	☐	625.000	622.714	1987648.29	0.1772	A	7.4
5	☐	1250.000	1315.376	4155419.32	0.3742	A	1.9
6	☐	2500.000	2537.577	8370858.96	0.7219	A	1.3
7	☐	5000.000	4965.010	16280856.61	1.4126	A	2.7
8	☐			6546.20	0.0006	P	6.8

$$y = 2.8450E-004 * x + 3.3336E-006$$

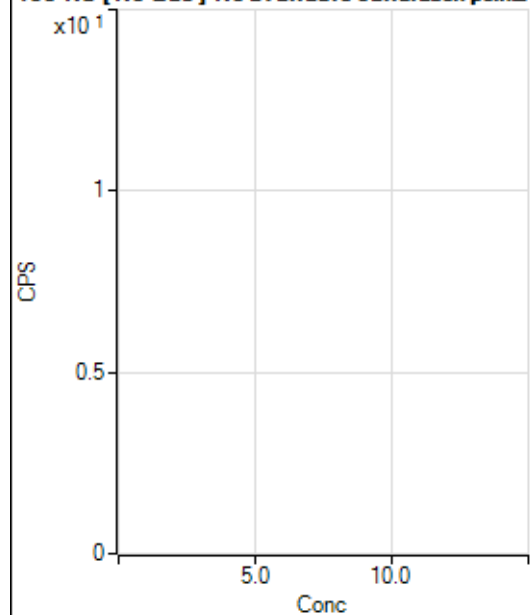
$$R = 0.9999$$

$$DL = 0.01861$$

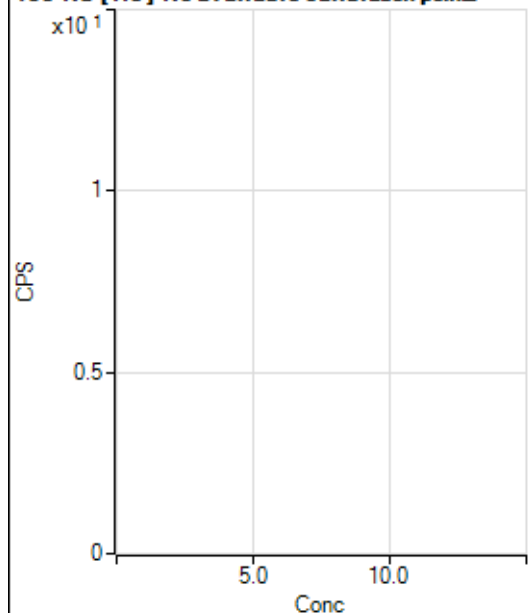
$$BEC = 0.01172$$

Weight: <None>

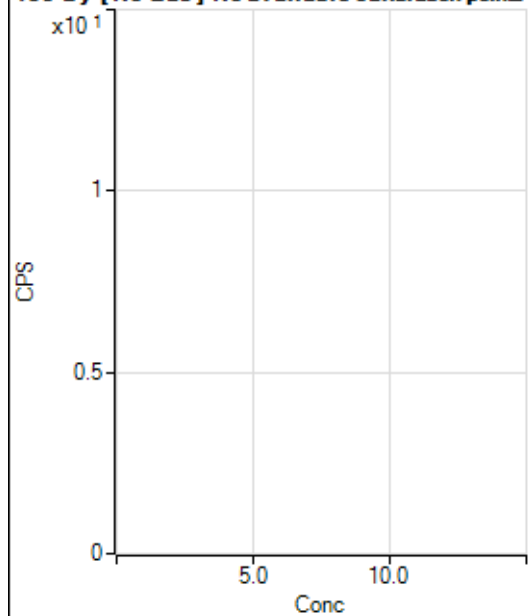
Min Conc: 0

150 Nd [No Gas] No available calibration points

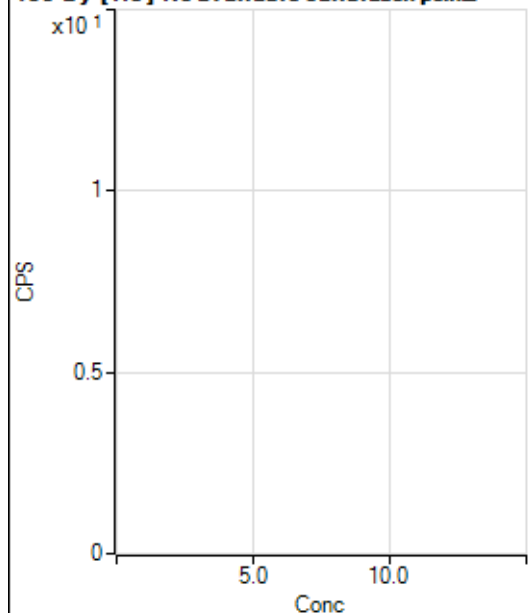
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17.78		P	21.7
2	☐			15.56		P	49.5
3	☐			42.22		P	24.1
4	☐			106.67		P	21.7
5	☐			140.01		P	9.5
6	☐			328.90		P	11.5
7	☐			604.47		P	7.1
8	☐			113.34		P	17.6

150 Nd [He] No available calibration points

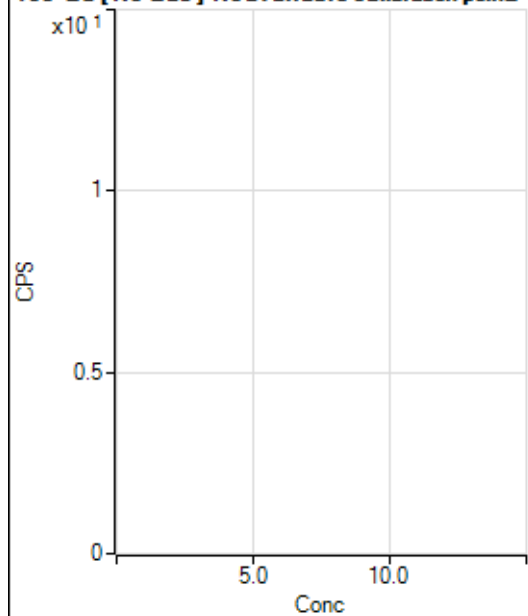
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.45		P	86.6
2	☐			2.22		P	86.6
3	☐			4.45		P	86.6
4	☐			6.66		P	86.6
5	☐			15.56		P	53.9
6	☐			26.67		P	12.5
7	☐			52.22		P	13.3
8	☐			37.78		P	13.5

156 Dy [No Gas] No available calibration points

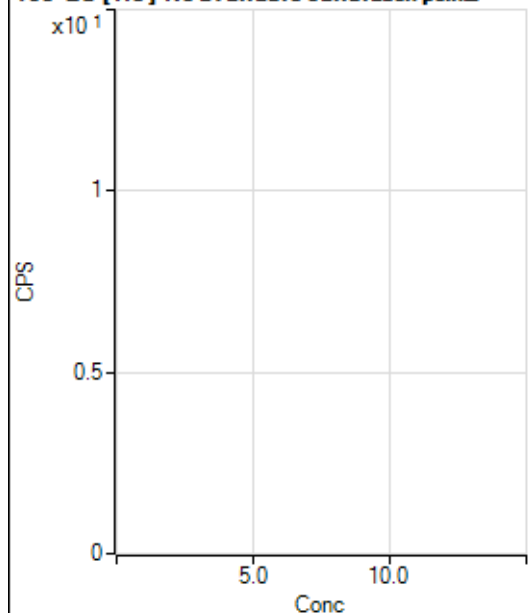
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	100.0
3	☐			25.00		P	33.3
4	☐			72.22		P	33.3
5	☐			113.89		P	15.2
6	☐			216.67		P	10.2
7	☐			405.57		P	19.4
8	☐			844.50		P	9.9

156 Dy [He] No available calibration points

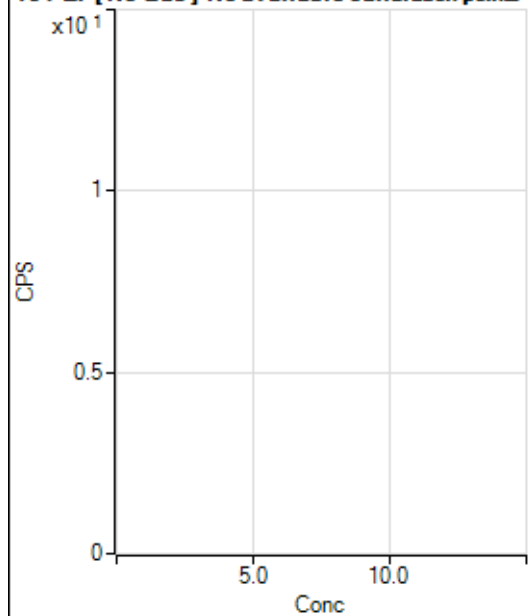
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	100.1
3	☐			11.11		P	62.5
4	☐			24.44		P	51.6
5	☐			35.56		P	35.5
6	☐			92.22		P	11.0
7	☐			138.89		P	11.3
8	☐			245.56		P	6.7

160 Gd [No Gas] Noavailable calibration poin_

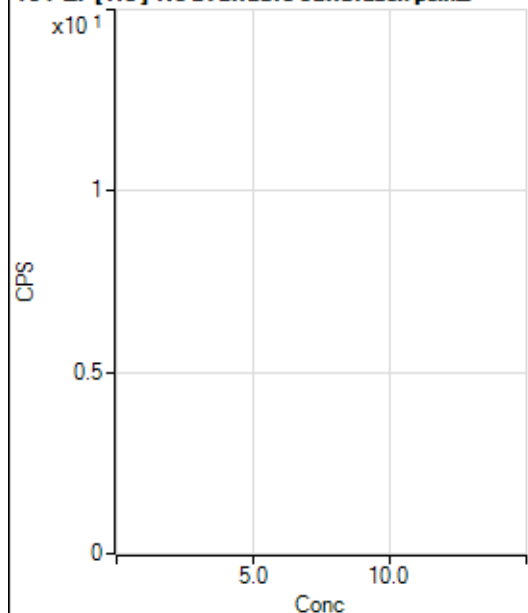
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	37.5
2	☐			61.11		P	41.7
3	☐			61.11		P	20.8
4	☐			113.90		P	29.6
5	☐			125.00		P	6.7
6	☐			258.34		P	8.5
7	☐			380.57		P	27.4
8	☐			588.92		P	16.4

160 Gd [He] No available calibration points

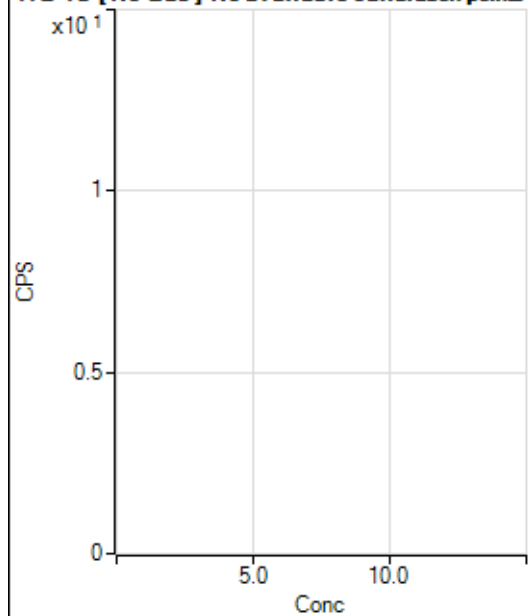
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			60.00		P	19.2
2	☐			65.56		P	25.1
3	☐			62.22		P	22.3
4	☐			70.00		P	39.0
5	☐			94.45		P	14.3
6	☐			141.11		P	7.2
7	☐			185.56		P	22.8
8	☐			296.67		P	11.2

164 Er [No Gas] No available calibration points

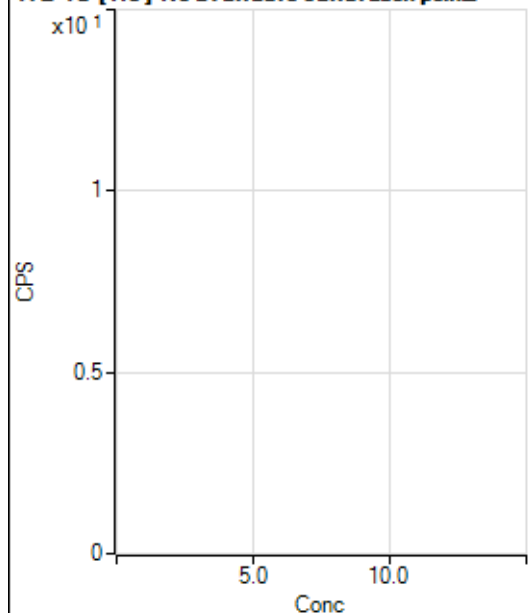
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			58.34		P	28.6
2	☐			63.89		P	32.8
3	☐			127.78		P	19.9
4	☐			75.00		P	29.4
5	☐			100.01		P	28.9
6	☐			175.01		P	37.8
7	☐			186.12		P	6.8
8	☐			108.34		P	20.3

164 Er [He] No available calibration points

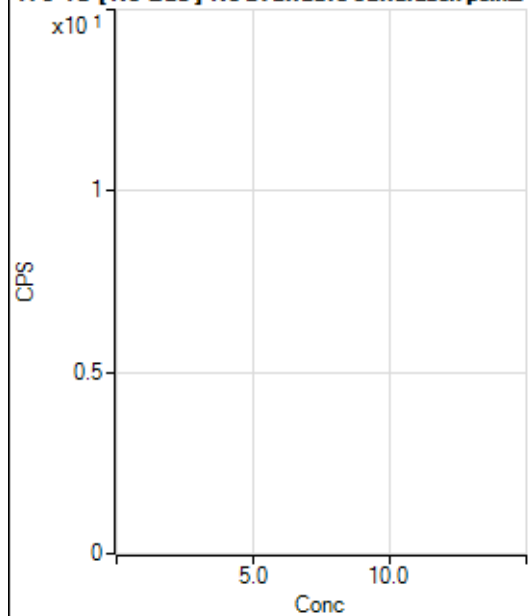
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.67		P	37.5
2	☐			22.22		P	31.2
3	☐			41.11		P	28.5
4	☐			32.22		P	21.5
5	☐			38.89		P	19.8
6	☐			56.67		P	27.0
7	☐			67.78		P	11.4
8	☐			27.78		P	60.4

172 Yb [No Gas] No available calibration points

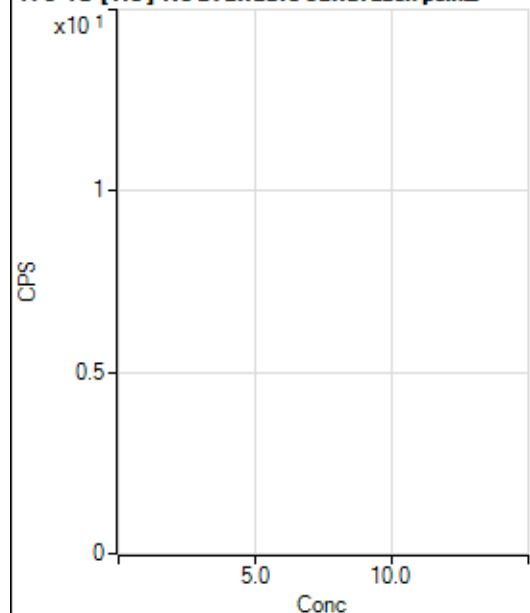
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	37.5
2	☐			80.56		P	21.5
3	☐			77.78		P	44.6
4	☐			83.34		P	10.0
5	☐			102.78		P	20.4
6	☐			105.56		P	25.4
7	☐			147.23		P	6.5
8	☐			180.56		P	5.3

172 Yb [He] No available calibration points

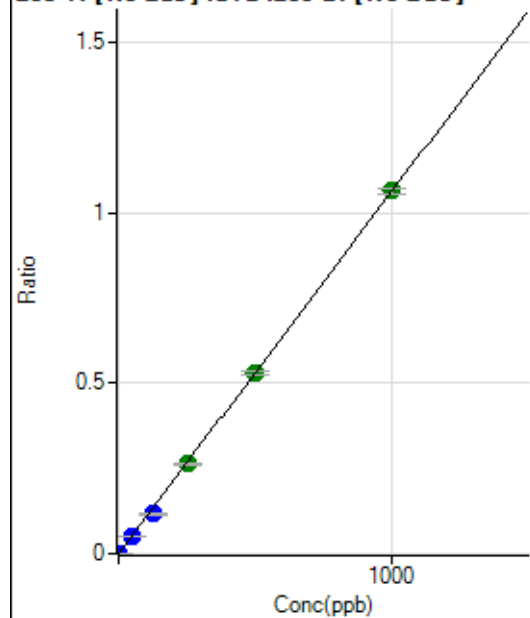
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.07		P	13.3
2	☐			25.92		P	24.7
3	☐			27.78		P	20.0
4	☐			29.63		P	10.8
5	☐			37.04		P	17.3
6	☐			40.74		P	20.8
7	☐			70.37		P	22.8
8	☐			100.00		P	14.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1075.08		P	11.3
2	☐			1272.32		P	3.1
3	☐			2539.20		P	4.4
4	☐			4542.57		P	4.4
5	☐			8297.30		P	4.4
6	☐			15239.76		P	2.2
7	☐			29366.61		P	2.0
8	☐			1452.90		P	10.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4508.26		P	4.8
2	☐			4339.69		P	7.0
3	☐			4817.63		P	7.2
4	☐			5651.32		P	8.1
5	☐			7074.25		P	0.8
6	☐			9646.28		P	4.8
7	☐			15125.55		P	4.4
8	☐			4499.01		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	647.26	0.0001	P	20.4
2	☐	1.000	0.880	6535.18	0.0010	P	3.8
3	☐	50.000	46.203	318566.95	0.0491	P	0.8
4	☐	125.000	109.676	770578.83	0.1164	P	6.2
5	☐	250.000	247.642	1713244.25	0.2628	A	2.8
6	☐	500.000	499.689	3521689.49	0.5301	A	1.9
7	☐	1000.000	1002.850	6900301.89	1.0638	A	1.9
8	☐			3506.14	0.0006	P	6.9

$$y = 0.0011 * x + 1.0550E-004$$

$$R = 0.9999$$

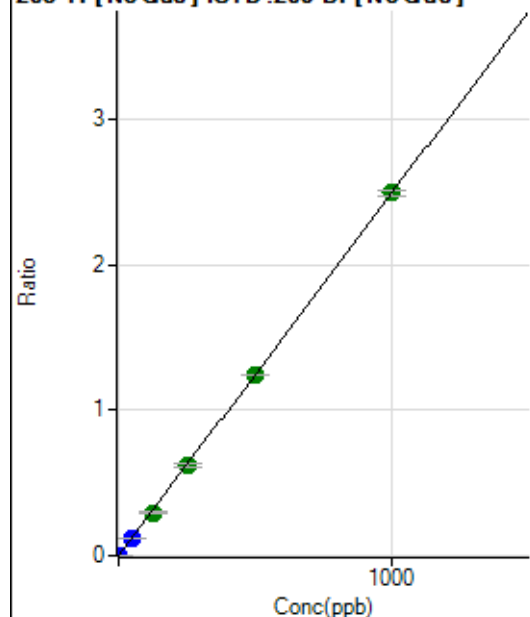
$$DL = 0.06088$$

$$BEC = 0.09947$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1644.59	0.0003	P	5.6
2	☐	1.000	0.859	15159.25	0.0024	P	2.6
3	☐	50.000	47.612	772030.43	0.1190	P	2.6
4	☐	125.000	119.159	1969418.66	0.2975	A	5.8
5	☐	250.000	249.913	4066958.86	0.6237	A	2.8
6	☐	500.000	498.765	8267750.62	1.2446	A	0.8
7	☐	1000.000	1001.489	16208052.44	2.4988	A	1.6
8	☐			8166.71	0.0014	P	9.0

$$y = 0.0025 * x + 2.6763E-004$$

$$R = 1.0000$$

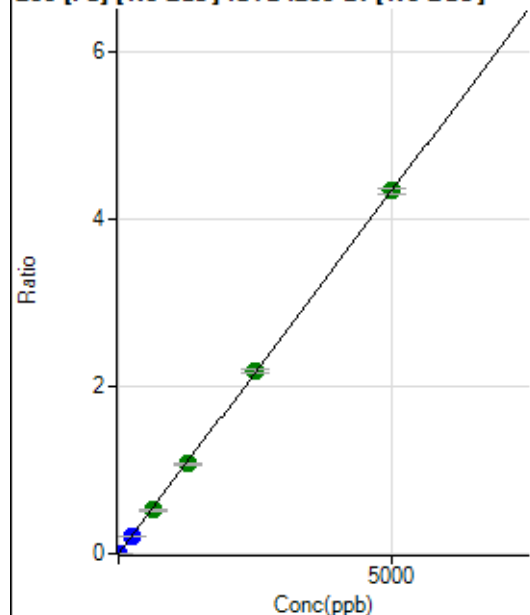
$$DL = 0.01814$$

$$BEC = 0.1073$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	751.89	0.0001	P	7.1
2	☐	1.000	0.880	5579.07	0.0009	P	3.2
3	☐	250.000	232.195	1308933.32	0.2018	P	2.7
4	☐	625.000	599.658	3447897.71	0.5211	A	6.6
5	☐	1250.000	1237.605	7012513.76	1.0753	A	1.1
6	☐	2500.000	2510.745	14494292.45	2.1813	A	1.7
7	☐	5000.000	5001.784	28184465.91	4.3453	A	1.9
8	☐			6531.42	0.0011	P	1.8

$$y = 8.6872E-004 * x + 1.2248E-004$$

$$R = 1.0000$$

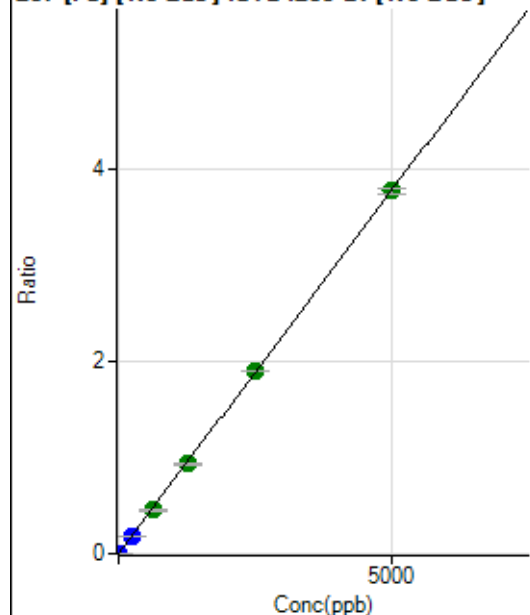
$$DL = 0.03023$$

$$BEC = 0.141$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	670.40	0.0001	P	8.1
2	☐	1.000	0.880	4862.11	0.0008	P	1.5
3	☐	250.000	229.383	1122217.56	0.1730	P	2.0
4	☐	625.000	601.059	2999536.44	0.4532	A	6.2
5	☐	1250.000	1237.296	6083061.94	0.9329	A	2.5
6	☐	2500.000	2518.554	12616439.75	1.8988	A	0.9
7	☐	5000.000	4997.923	24441629.48	3.7680	A	1.4
8	☐			5884.78	0.0010	P	1.6

$$y = 7.5389E-004 * x + 1.0914E-004$$

$$R = 1.0000$$

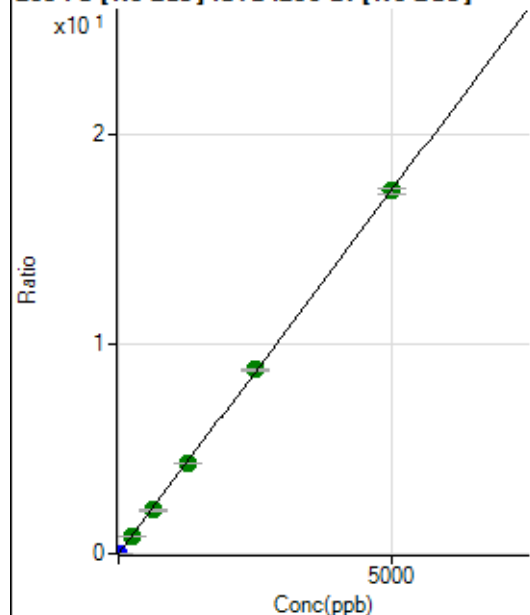
$$DL = 0.03496$$

$$BEC = 0.1448$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3187.26	0.0005	P	3.6
2	☐	1.000	0.867	22198.55	0.0035	P	1.1
3	☐	250.000	240.334	5413209.63	0.8346	A	1.8
4	☐	625.000	595.559	13685035.64	2.0675	A	5.9
5	☐	1250.000	1240.964	28089431.47	4.3075	A	1.5
6	☐	2500.000	2528.800	58321909.29	8.7772	A	1.4
7	☐	5000.000	4992.023	112392679.1	17.3263	A	1.6
8	☐			26386.98	0.0045	P	3.9

$$y = 0.0035 * x + 5.1903E-004$$

$$R = 1.0000$$

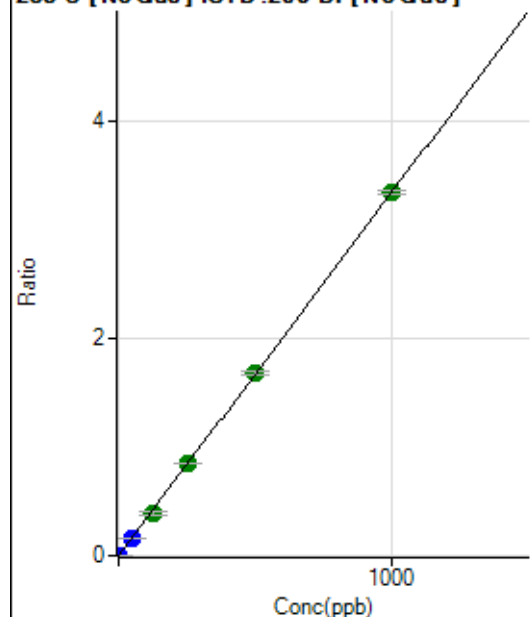
$$DL = 0.01632$$

$$BEC = 0.1495$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	56.3
2	☐	1.000	0.868	18316.54	0.0029	P	4.8
3	☐	50.000	45.956	997805.56	0.1538	P	2.4
4	☐	125.000	116.174	2573784.20	0.3889	A	6.2
5	☐	250.000	253.981	5545346.74	0.8502	A	1.3
6	☐	500.000	501.642	11153861.10	1.6793	A	1.9
7	☐	1000.000	999.489	21705104.65	3.3459	A	0.9
8	☐			1608.49	0.0003	P	12.8

$$y = 0.0033 * x + 4.0513E-006$$

$$R = 0.9999$$

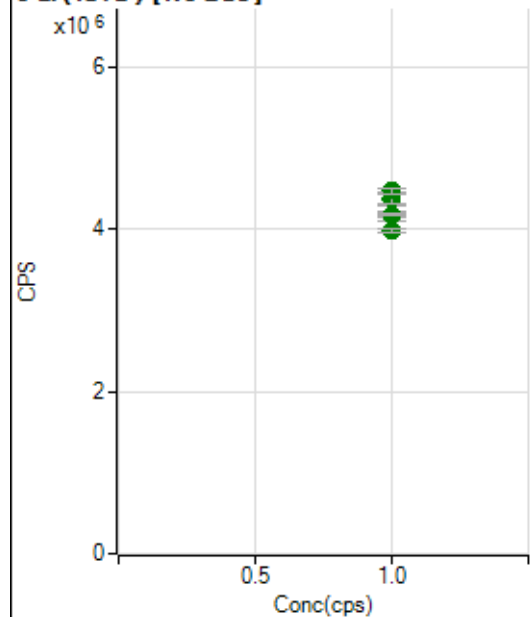
$$DL = 0.002044$$

$$BEC = 0.00121$$

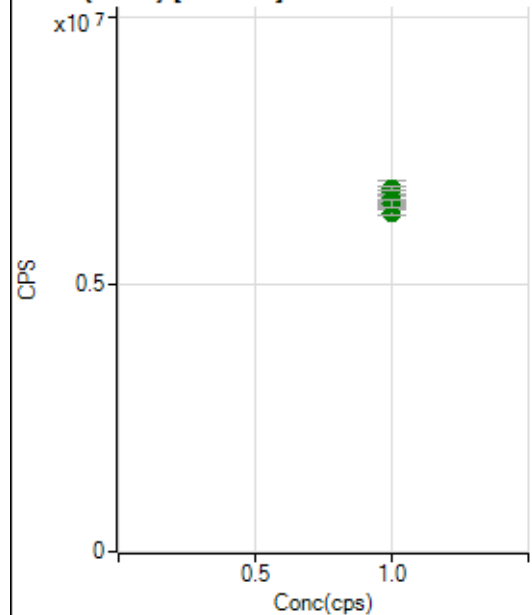
Weight: <None>

Min Conc: 0

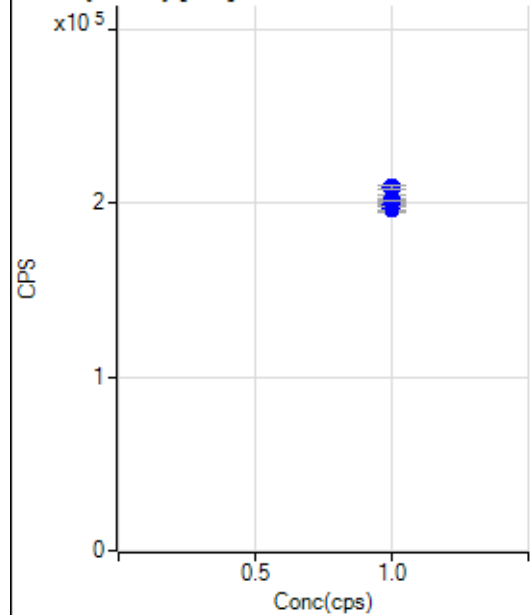
6 Li (ISTD) [No Gas]



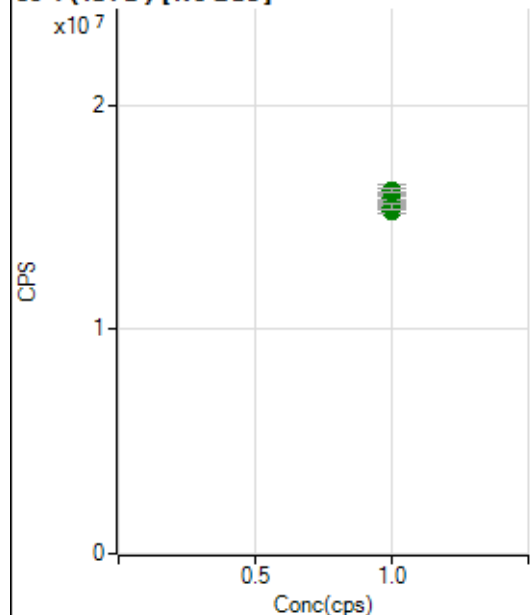
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3987541.22		A	0.6
2	☐	1.000		4170923.04		A	3.1
3	☐	1.000		4179506.32		A	1.3
4	☐	1.000		4377561.14		A	4.0
5	☐	1.000		4400970.41		A	3.2
6	☐	1.000		4474567.98		A	1.3
7	☐	1.000		4477878.76		A	1.7
8	☐	1.000		4184879.55		A	0.9

45 Sc (ISTD) [No Gas]

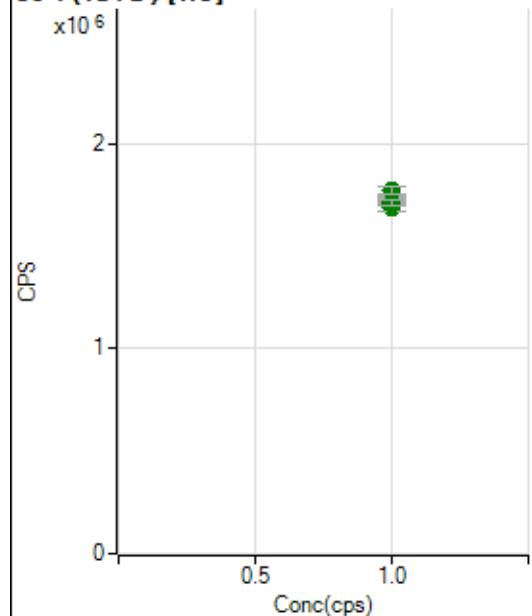
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6341668.31		A	1.3
2	☐	1.000		6564595.67		A	2.2
3	☐	1.000		6735889.20		A	2.6
4	☐	1.000		6760627.81		A	5.5
5	☐	1.000		6492943.86		A	0.6
6	☐	1.000		6596421.71		A	2.2
7	☐	1.000		6778999.28		A	1.0
8	☐	1.000		6511553.72		A	2.2

45 Sc (ISTD) [He]

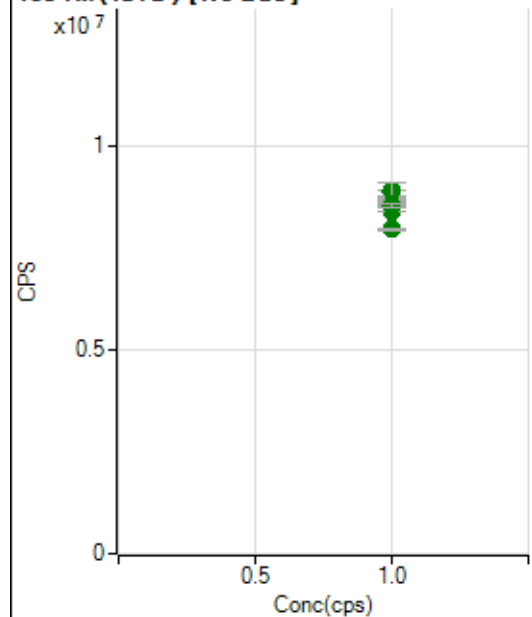
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		197006.44		P	2.3
2	☐	1.000		200862.13		P	1.7
3	☐	1.000		202449.79		P	1.6
4	☐	1.000		197869.37		P	2.1
5	☐	1.000		198941.82		P	0.9
6	☐	1.000		201386.21		P	1.0
7	☐	1.000		208508.82		P	1.0
8	☐	1.000		200875.00		P	0.2

89 Y (ISTD) [No Gas]

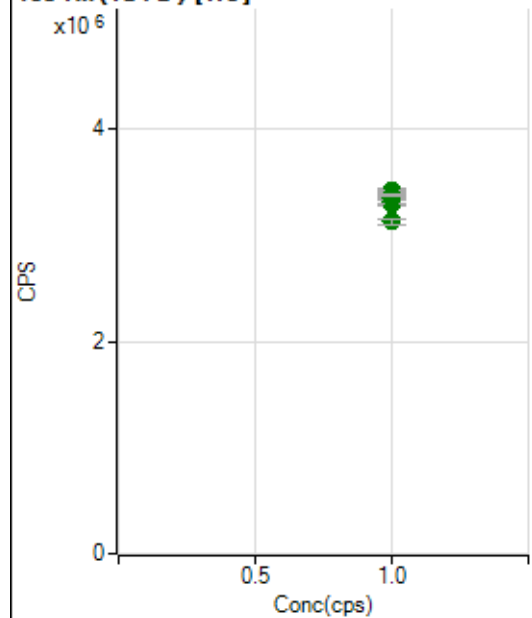
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		15269075.33		A	1.1
2	☐	1.000		15722086.57		A	0.6
3	☐	1.000		16033806.57		A	1.5
4	☐	1.000		16016246.57		A	5.6
5	☐	1.000		15582824.21		A	1.2
6	☐	1.000		15904790.73		A	1.3
7	☐	1.000		16188123.65		A	0.9
8	☐	1.000		15456702.96		A	1.8

89 Y (ISTD) [He]

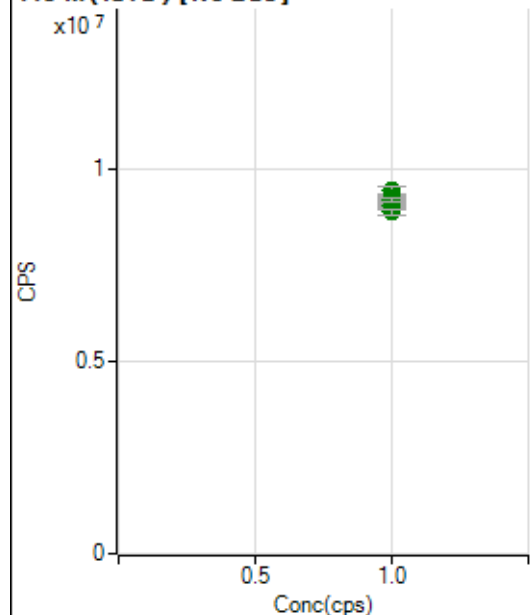
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1747832.22		A	0.4
2	☐	1.000		1723589.71		A	0.6
3	☐	1.000		1726242.60		A	1.7
4	☐	1.000		1684493.33		A	1.5
5	☐	1.000		1717507.94		A	1.2
6	☐	1.000		1714239.00		A	2.3
7	☐	1.000		1767691.19		A	2.3
8	☐	1.000		1709242.26		A	1.3

103 Rh (ISTD) [No Gas]

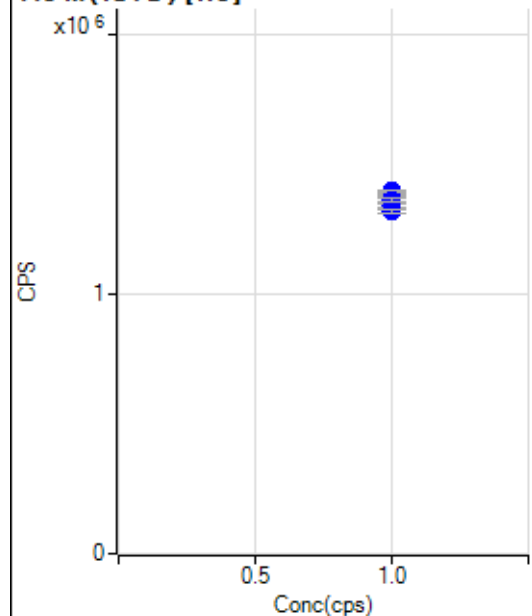
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8627222.59		A	1.4
2	☐	1.000		8687258.96		A	1.0
3	☐	1.000		8865051.41		A	1.5
4	☐	1.000		8912319.56		A	4.5
5	☐	1.000		8397866.07		A	0.3
6	☐	1.000		8589168.77		A	2.3
7	☐	1.000		8552695.16		A	0.7
8	☐	1.000		7962070.84		A	1.0

103 Rh (ISTD) [He]

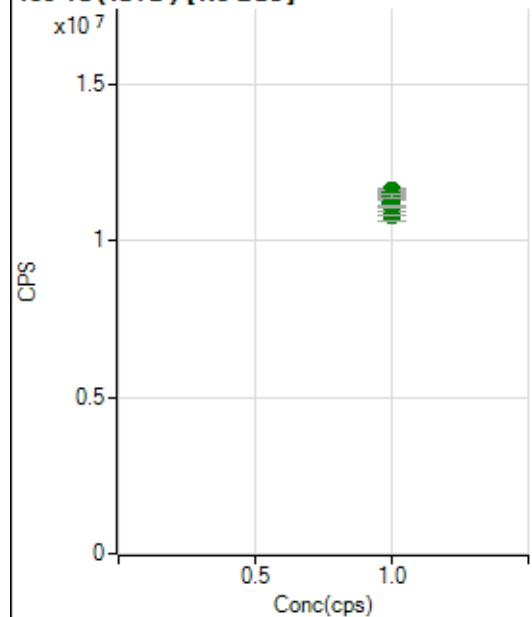
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3417708.53		A	1.7
2	☐	1.000		3418571.96		A	0.3
3	☐	1.000		3376296.93		A	2.0
4	☐	1.000		3302190.09		A	1.6
5	☐	1.000		3319803.70		A	1.4
6	☐	1.000		3351787.14		A	1.1
7	☐	1.000		3377551.27		A	0.4
8	☐	1.000		3125744.22		A	1.4

115 In (ISTD) [No Gas]

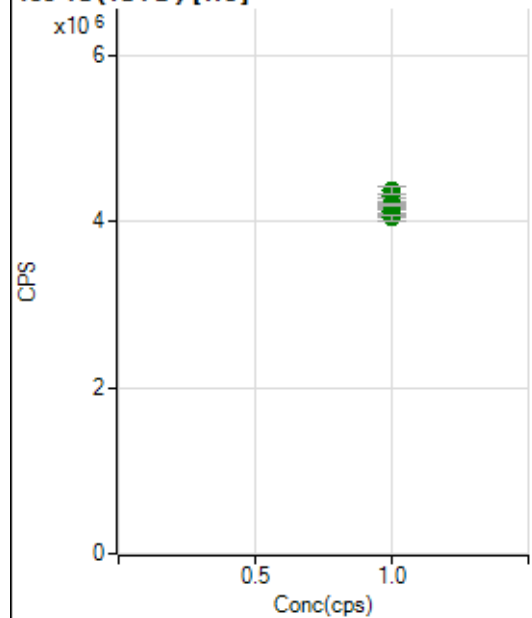
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9117327.64		A	1.7
2	☐	1.000		9333842.94		A	0.7
3	☐	1.000		9439665.35		A	2.5
4	☐	1.000		9294181.02		A	5.8
5	☐	1.000		9058453.30		A	0.6
6	☐	1.000		9268539.37		A	0.9
7	☐	1.000		9214204.82		A	0.7
8	☐	1.000		8881522.24		A	1.3

115 In (ISTD) [He]

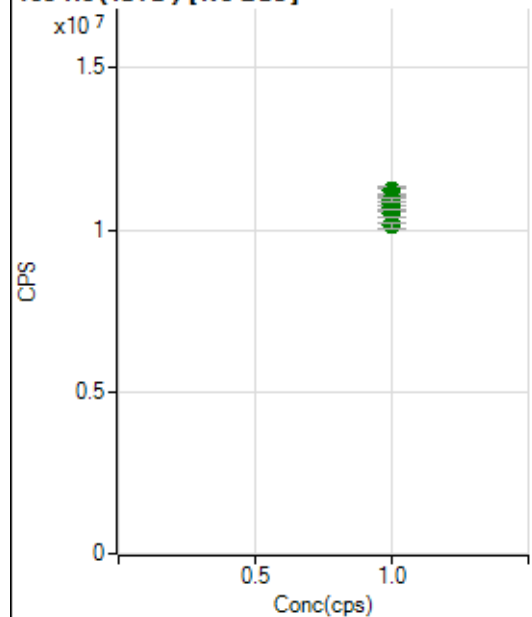
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1380426.93		P	0.8
2	☐	1.000		1390497.53		P	1.7
3	☐	1.000		1398980.42		P	0.3
4	☐	1.000		1343885.34		P	1.1
5	☐	1.000		1354044.13		P	0.3
6	☐	1.000		1352435.30		P	0.4
7	☐	1.000		1364073.74		P	0.8
8	☐	1.000		1320560.00		P	1.1

159 Tb (ISTD) [No Gas]

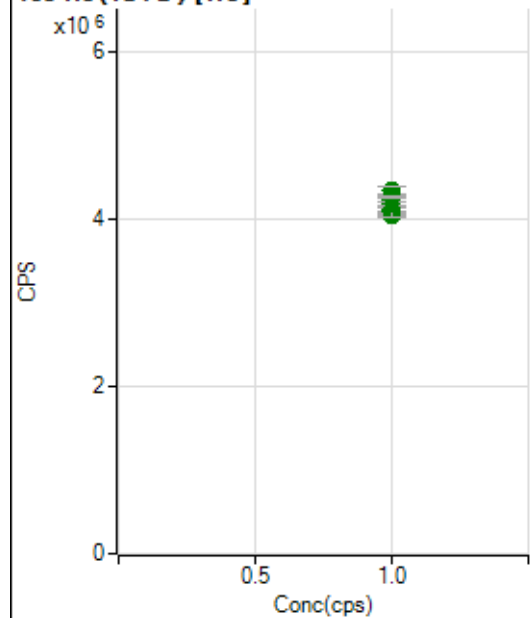
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10828134.77		A	3.8
2	☐	1.000		10969000.11		A	2.8
3	☐	1.000		11214556.09		A	1.6
4	☐	1.000		11248294.27		A	5.4
5	☐	1.000		11104522.06		A	0.5
6	☐	1.000		11595488.72		A	1.4
7	☐	1.000		11528743.44		A	1.5
8	☐	1.000		11427793.72		A	1.5

159 Tb (ISTD) [He]

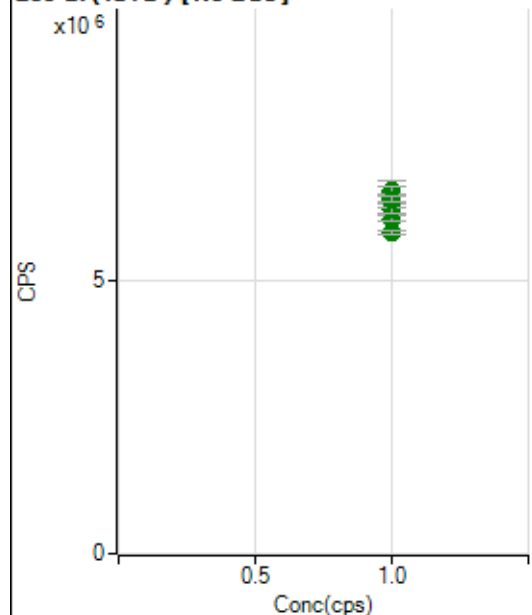
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4112149.38		A	2.4
2	☐	1.000		4130264.11		A	1.2
3	☐	1.000		4179231.15		A	1.5
4	☐	1.000		4043881.57		A	1.7
5	☐	1.000		4204274.24		A	1.8
6	☐	1.000		4307968.65		A	0.8
7	☐	1.000		4371199.90		A	2.0
8	☐	1.000		4208057.75		A	0.2

165 Ho (ISTD) [No Gas]

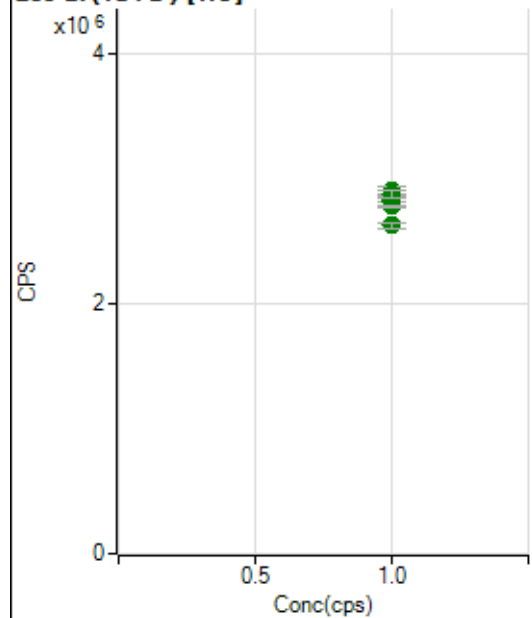
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10140588.16		A	1.8
2	☐	1.000		10490689.73		A	1.7
3	☐	1.000		10675474.72		A	1.2
4	☐	1.000		10934058.06		A	6.1
5	☐	1.000		10796753.54		A	3.0
6	☐	1.000		11197501.21		A	2.5
7	☐	1.000		11091916.48		A	0.3
8	☐	1.000		10919310.57		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4050762.23		A	0.6
2	☐	1.000		4120523.31		A	1.8
3	☐	1.000		4141667.20		A	0.4
4	☐	1.000		4081080.29		A	3.2
5	☐	1.000		4186897.99		A	1.1
6	☐	1.000		4225762.26		A	1.1
7	☐	1.000		4332491.19		A	2.2
8	☐	1.000		4262619.27		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6141952.48		A	1.3
2	☐	1.000		6291683.73		A	1.8
3	☐	1.000		6487142.82		A	2.0
4	☐	1.000		6634001.01		A	5.9
5	☐	1.000		6522166.85		A	2.0
6	☐	1.000		6643577.96		A	2.1
7	☐	1.000		6487436.08		A	1.8
8	☐	1.000		5885794.36		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2787505.55		A	1.9
2	☐	1.000		2822880.93		A	3.7
3	☐	1.000		2844294.05		A	2.3
4	☐	1.000		2812433.95		A	2.9
5	☐	1.000		2779896.94		A	0.6
6	☐	1.000		2899374.26		A	2.6
7	☐	1.000		2874570.75		A	2.4
8	☐	1.000		2623573.52		A	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8051122MS.b
Acq. Date-Time 2022-05-11 14:41:22
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		11985	119848.75			1.650	5.000
24		83972	839722.59			1.639	5.000
25		11040	110400.90			1.820	5.000
26		12809	128093.46			2.086	5.000
59		19490	194897.82			1.924	5.000
113		9842	98417.55			2.535	5.000
115		29468	294675.92			2.295	5.000
206		12249	122485.78			2.643	5.000
207		10305	103051.71			2.911	5.000
208		25144	251444.92			3.249	5.000
220		0	4.50			36.851	

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

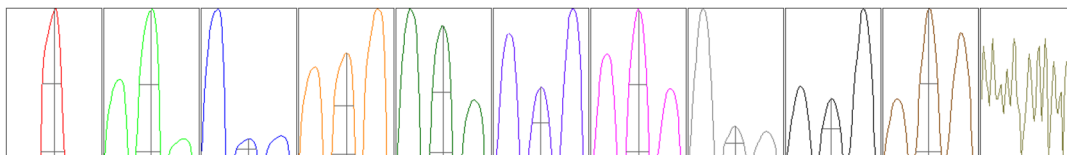
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11804	11915	11848	12290	12068
24	82746	83752	83025	86233	84106
25	10878	11126	10827	11327	11043
26	12612	12765	12617	13264	12789
59	19208	19519	19178	20108	19436
113	9560	9954	9688	10205	9802
115	28809	29853	28870	30409	29397
206	11841	12193	12146	12732	12331
207	9969	10262	10150	10770	10375
208	24423	25016	24467	26411	25405

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21823.11	9.05	8.90 - 9.10	
24	143048.54	24.00	23.90 - 24.10	
25	18813.48	25.00	24.90 - 25.10	
26	21776.31	26.05	25.90 - 26.10	
59	35338.88	59.00	58.90 - 59.10	
113	19173.46	113.00	112.90 - 113.10	
115	56571.47	115.05	114.90 - 115.10	
206	23114.00	206.00	205.90 - 206.10	
207	19205.67	206.95	206.90 - 207.10	
208	47937.97	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.734	0.900	
24	0.62	0.777	0.900	
25	0.63	0.740	0.900	
26	0.62	0.742	0.900	
59	0.58	0.734	0.900	
113	0.53	0.726	0.900	
115	0.55	0.726	0.900	
206	0.57	0.778	0.900	
207	0.57	0.749	0.900	
208	0.56	0.801	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 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	9.5 V	Deflect	15.6 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	200 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	0.2 mm	Torch V	-0.2 mm
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EM

Discriminator	4.3 mV	Analog HV	2336 V	Pulse HV	1702 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3654	36539.25			3.410	
89		15452	154522.59			4.022	
205		23563	235634.05			3.634	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3749	3674	3695	3715	3437
89	15867	15656	15758	15627	14353
205	24243	23614	24233	23584	22143

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	9.5 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 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	124	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.02		
Hardware Settings					
Torch					
Torch H	0.2 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.3 mV	Analog HV	2336 V	Pulse HV	1702 V

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.06	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.06	0.02	0.00	N/A	ppb
Boron	11-1	0.05	0.04	-0.10	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.52	-0.50	1.01	0.00	N/A	ppb
Cadmium	108-1	0.09	-0.03	-0.07	0.00	N/A	ppb
Calcium	43-1	0.29	0.37	-0.66	0.00	N/A	ppb
Calcium	44-1	0.17	-0.30	0.13	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	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	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.97	0.84	0.13	0.00	N/A	ppb
Iron	56-2	-0.10	0.17	-0.08	0.00	N/A	ppb
Iron	57-2	-1.43	0.93	0.50	0.00	N/A	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.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	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.22	-0.32	0.10	0.00	N/A	ppb
Manganese	55-2	0.03	0.00	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-1.29	-16.63	-14.81	-10.91		ppb
Potassium	39-2	0.89	0.00	-0.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	0.36	-0.22	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	-0.24	0.39	0.00	N/A	ppb
Silicon	28-1	-0.09	0.08	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.35	-0.52	0.17	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-117.74	73.22	116.74	24.07	518.10	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
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	-0.10	0.03	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.53	15.81	17.70	16.68	5.70	ppb
Antimony	121-1	1.82	1.88	1.95	1.88	3.65	ppb
Arsenic	75-2	1.18	1.20	1.09	1.16	5.25	ppb
Barium	135-1	9.16	9.68	8.84	9.23	4.60	ppb
Barium	137-1	8.92	9.72	9.83	9.49	5.26	ppb
Beryllium	9-1	1.05	1.01	1.06	1.04	2.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	11.32	12.18	12.99	12.16	6.84	ppb
Boron	11-1	12.43	12.43	13.73	12.86	5.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.13	1.07	1.10	2.63	ppb
Cadmium	106-1	4.67	3.96	2.99	3.87	21.82	ppb
Cadmium	108-1	1.18	1.32	1.44	1.31	10.21	ppb
Calcium	43-1	457.36	464.33	458.31	460.00	0.82	ppb
Calcium	44-1	450.26	460.51	465.87	458.88	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.86	1.87	1.88	1.43	ppb
Cobalt	59-2	0.96	0.90	0.97	0.94	3.73	ppb
Copper	63-2	2.03	2.03	2.02	2.03	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	52.47	46.52	49.89	49.63	6.01	ppb
Iron	56-2	48.19	47.21	48.06	47.82	1.12	ppb
Iron	57-2	44.18	48.45	52.41	48.35	8.52	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.88	0.91	0.88	3.75	ppb
Lead	207-1	0.87	0.87	0.90	0.88	1.79	ppb
Lead	208-1	0.86	0.86	0.88	0.87	1.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	507.09	468.82	472.26	482.72	4.39	ppb
Manganese	55-2	0.94	0.93	0.90	0.92	2.56	ppb
Molybdenum	94-1	5.92	6.05	5.81	5.93	2.04	ppb
Molybdenum	95-1	4.74	5.20	4.94	4.96	4.66	ppb
Molybdenum	96-1	5.00	4.93	5.09	5.01	1.63	ppb
Molybdenum	97-1	4.84	5.18	5.03	5.02	3.35	ppb
Molybdenum	98-1	4.76	5.07	4.91	4.92	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.01	1.14	1.08	5.84	ppb
Phosphorus	31-2	11.65	15.76	5.32	10.91	48.21	ppb
Potassium	39-2	459.96	438.18	457.31	451.81	2.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	4.72	4.83	4.65	4.73	1.95	ppb
Selenium	77-2	4.16	7.67	5.52	5.79	30.59	ppb
Selenium	78-2	6.85	5.84	5.40	6.03	12.29	ppb
Silicon	28-1	0.77	1.29	1.29	1.12	26.90	ppb
Silver	107-1	1.00	0.94	1.03	0.99	4.66	ppb
Silver	109-1	0.98	1.01	1.03	1.00	2.42	ppb
Sodium	23-2	464.20	453.87	462.89	460.32	1.22	ppb
Strontium	86-1	0.90	0.72	0.95	0.86	14.02	ppb
Strontium	88-1	0.93	0.97	0.95	0.95	2.02	ppb
Sulfur	34-1	-177.23	40.36	64.65	-24.07		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.86	0.85	0.92	0.88	4.18	ppb
Thallium	205-1	0.87	0.83	0.88	0.86	2.96	ppb
Tin	118-1	4.68	4.84	4.88	4.80	2.22	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.09	4.91	4.96	4.99	1.84	ppb
Uranium	238-1	0.91	0.82	0.88	0.87	4.86	ppb
Vanadium	51-2	4.68	4.68	4.75	4.70	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.15	1.90	2.59	2.21	15.66	ppb
Zirconium	90-1	0.93	0.91	0.91	0.92	1.28	ppb
Zirconium	91-1	0.88	0.91	0.87	0.89	2.35	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	923.96	934.59	940.87	933.14	0.92	ppb
Antimony	121-1	49.70	51.73	51.58	51.00	2.22	ppb
Arsenic	75-2	53.54	54.46	52.42	53.48	1.91	ppb
Barium	135-1	241.64	250.77	246.10	246.17	1.85	ppb
Barium	137-1	245.95	260.93	251.75	252.88	2.99	ppb
Beryllium	9-1	52.62	54.54	52.90	53.35	1.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	45.84	49.83	50.22	48.63	4.99	ppb
Boron	11-1	48.09	53.42	54.30	51.94	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	51.73	55.06	52.39	53.06	3.32	ppb
Cadmium	106-1	56.62	58.41	54.13	56.39	3.82	ppb
Cadmium	108-1	53.23	55.66	53.01	53.97	2.73	ppb
Calcium	43-1	4745.21	4774.72	4945.36	4821.77	2.24	ppb
Calcium	44-1	5015.19	5020.08	4887.59	4974.28	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.53	49.87	50.15	49.52	1.75	ppb
Cobalt	59-2	49.31	50.66	50.38	50.12	1.41	ppb
Copper	63-2	506.83	512.06	512.46	510.45	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	2543.12	2574.80	2510.37	2542.76	1.27	ppb
Iron	56-2	2678.89	2646.42	2694.35	2673.22	0.92	ppb
Iron	57-2	2453.35	2436.51	2481.43	2457.10	0.92	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	238.58	232.19	225.82	232.20	2.75	ppb
Lead	207-1	230.96	233.00	224.19	229.38	2.01	ppb
Lead	208-1	241.46	243.87	235.67	240.33	1.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	5169.02	5010.67	5160.64	5113.44	1.74	ppb
Manganese	55-2	484.53	489.87	496.62	490.34	1.23	ppb
Molybdenum	94-1	530.60	514.60	525.13	523.44	1.55	ppb
Molybdenum	95-1	527.03	514.06	512.60	517.89	1.53	ppb
Molybdenum	96-1	522.45	517.99	518.66	519.70	0.46	ppb
Molybdenum	97-1	518.37	502.60	505.16	508.71	1.66	ppb
Molybdenum	98-1	512.74	501.24	504.48	506.15	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.67	54.48	53.62	53.59	1.69	ppb
Phosphorus	31-2	908.52	959.63	962.35	943.50	3.21	ppb
Potassium	39-2	2422.14	2348.52	2496.76	2422.47	3.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	53.08	53.29	53.22	53.19	0.21	ppb
Selenium	77-2	55.83	63.40	64.51	61.25	7.71	ppb
Selenium	78-2	54.22	54.03	50.98	53.08	3.42	ppb
Silicon	28-1	50.55	51.37	51.43	51.12	0.96	ppb
Silver	107-1	50.26	53.92	52.67	52.28	3.56	ppb
Silver	109-1	51.08	52.24	52.84	52.05	1.73	ppb
Sodium	23-2	5227.15	5009.76	5176.34	5137.75	2.21	ppb
Strontium	86-1	48.98	48.30	46.93	48.07	2.17	ppb
Strontium	88-1	50.12	49.18	48.94	49.41	1.26	ppb
Sulfur	34-1	964.70	867.49	1304.99	1045.73	21.97	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	46.61	46.18	45.82	46.20	0.85	ppb
Thallium	205-1	47.74	48.79	46.30	47.61	2.62	ppb
Tin	118-1	51.07	51.63	50.18	50.96	1.43	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	500.29	504.18	520.80	508.42	2.14	ppb
Uranium	238-1	47.20	45.64	45.03	45.96	2.43	ppb
Vanadium	51-2	48.49	49.75	49.09	49.11	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	508.20	520.27	511.30	513.26	1.22	ppb
Zirconium	90-1	49.62	49.27	49.38	49.42	0.37	ppb
Zirconium	91-1	49.75	48.15	48.46	48.79	1.74	ppb

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 15:35:04 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2308.16	2263.74	2276.07	2282.66	1.00	ppb
Antimony	121-1	122.20	124.58	114.56	120.45	4.34	ppb
Arsenic	75-2	130.55	126.99	126.18	127.90	1.82	ppb
Barium	135-1	610.79	627.15	554.19	597.37	6.41	ppb
Barium	137-1	624.11	667.91	576.12	622.71	7.37	ppb
Beryllium	9-1	125.02	128.40	116.33	123.25	5.05	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	115.19	126.81	120.32	120.77	4.82	ppb
Boron	11-1	121.36	131.18	124.04	125.53	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	127.42	131.84	118.40	125.88	5.44	ppb
Cadmium	106-1	126.94	135.19	126.82	129.65	3.70	ppb
Cadmium	108-1	135.22	134.87	119.82	129.97	6.76	ppb
Calcium	43-1	11315.32	12325.14	10850.53	11496.99	6.56	ppb
Calcium	44-1	11740.37	12378.08	11054.71	11724.39	5.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.34	122.62	118.87	121.61	1.97	ppb
Cobalt	59-2	127.50	120.02	119.79	122.44	3.58	ppb
Copper	63-2	1378.78	1317.66	1311.49	1335.97	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	6366.36	6054.69	6002.74	6141.26	3.20	ppb
Iron	56-2	6577.63	6346.24	6356.88	6426.92	2.03	ppb
Iron	57-2	6374.33	6112.69	6188.08	6225.03	2.16	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:35:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	603.28	637.13	558.57	599.66	6.57	ppb
Lead	207-1	603.27	637.44	562.47	601.06	6.25	ppb
Lead	208-1	596.21	630.25	560.22	595.56	5.88	ppb
Lithium	6-1				110		%
Magnesium	24-2	13621.23	13242.02	13263.01	13375.42	1.59	ppb
Manganese	55-2	1295.76	1246.53	1258.62	1266.97	2.02	ppb
Molybdenum	94-1	1262.25	1308.25	1145.18	1238.56	6.79	ppb
Molybdenum	95-1	1252.95	1321.25	1130.80	1235.00	7.81	ppb
Molybdenum	96-1	1243.42	1303.77	1136.12	1227.77	6.92	ppb
Molybdenum	97-1	1259.15	1307.00	1157.47	1241.21	6.15	ppb
Molybdenum	98-1	1219.16	1275.85	1140.45	1211.82	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.19	127.65	131.18	131.34	2.87	ppb
Phosphorus	31-2	2624.28	2500.36	2471.85	2532.16	3.20	ppb
Potassium	39-2	6100.02	5774.36	6000.76	5958.38	2.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	127.76	133.68	119.22	126.89	5.73	ppb
Selenium	77-2	142.71	118.68	135.60	132.33	9.33	ppb
Selenium	78-2	131.38	132.02	127.73	130.38	1.78	ppb
Silicon	28-1	128.25	134.47	120.13	127.61	5.63	ppb
Silver	107-1	127.33	131.07	119.02	125.81	4.90	ppb
Silver	109-1	125.44	130.96	118.68	125.03	4.92	ppb
Sodium	23-2	12449.68	12393.19	12213.94	12352.27	1.00	ppb
Strontium	86-1	119.44	126.68	109.87	118.66	7.11	ppb
Strontium	88-1	122.96	128.86	116.83	122.88	4.90	ppb
Sulfur	34-1	2565.64	3317.64	2216.37	2699.88	20.84	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	112.15	114.86	102.02	109.68	6.17	ppb
Thallium	205-1	121.65	124.48	111.35	119.16	5.80	ppb
Tin	118-1	119.87	125.11	113.26	119.41	4.97	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:35:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1260.86	1276.59	1142.86	1226.77	5.96	ppb
Uranium	238-1	119.14	121.48	107.91	116.17	6.24	ppb
Vanadium	51-2	124.28	118.22	118.56	120.36	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	1301.03	1230.36	1218.30	1249.90	3.58	ppb
Zirconium	90-1	124.34	128.91	115.21	122.82	5.68	ppb
Zirconium	91-1	119.70	124.21	111.52	118.48	5.43	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4747.97	4742.75	4766.34	4752.35	0.26	ppb
Antimony	121-1	259.01	266.79	262.08	262.62	1.49	ppb
Arsenic	75-2	256.80	261.18	258.37	258.78	0.86	ppb
Barium	135-1	1288.48	1317.47	1284.72	1296.89	1.38	ppb
Barium	137-1	1286.08	1331.55	1328.50	1315.38	1.93	ppb
Beryllium	9-1	259.98	240.86	251.85	250.90	3.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	222.43	223.09	230.66	225.39	2.03	ppb
Boron	11-1	228.26	226.74	244.71	233.23	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	258.93	262.09	256.80	259.27	1.03	ppb
Cadmium	106-1	273.61	271.61	272.16	272.46	0.38	ppb
Cadmium	108-1	277.22	272.63	273.78	274.54	0.87	ppb
Calcium	43-1	24712.30	25316.95	24856.20	24961.82	1.27	ppb
Calcium	44-1	25392.42	25581.36	24749.81	25241.20	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.10	249.78	247.16	249.68	0.99	ppb
Cobalt	59-2	255.73	256.28	256.47	256.16	0.15	ppb
Copper	63-2	2638.85	2618.69	2739.97	2665.84	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	13057.79	12862.05	13267.89	13062.58	1.55	ppb
Iron	56-2	13039.19	13256.90	13137.24	13144.44	0.83	ppb
Iron	57-2	12543.55	12532.25	12541.37	12539.06	0.05	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1250.20	1238.46	1224.16	1237.60	1.05	ppb
Lead	207-1	1263.25	1246.32	1202.32	1237.30	2.54	ppb
Lead	208-1	1250.52	1252.94	1219.43	1240.96	1.51	ppb
Lithium	6-1				110		%
Magnesium	24-2	27096.84	27127.99	27816.70	27347.18	1.49	ppb
Manganese	55-2	2628.53	2639.72	2665.42	2644.56	0.72	ppb
Molybdenum	94-1	2588.31	2527.62	2647.38	2587.77	2.31	ppb
Molybdenum	95-1	2592.02	2548.30	2593.92	2578.08	1.00	ppb
Molybdenum	96-1	2598.05	2563.33	2614.07	2591.82	1.00	ppb
Molybdenum	97-1	2574.40	2551.45	2625.91	2583.92	1.48	ppb
Molybdenum	98-1	2524.28	2514.01	2598.66	2545.65	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.29	267.12	271.37	268.59	0.90	ppb
Phosphorus	31-2	5290.80	5585.44	5419.74	5432.00	2.72	ppb
Potassium	39-2	13083.81	13051.98	12728.89	12954.89	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	266.45	263.48	268.70	266.21	0.98	ppb
Selenium	77-2	253.19	257.58	277.15	262.64	4.86	ppb
Selenium	78-2	260.54	262.94	262.88	262.12	0.52	ppb
Silicon	28-1	217.42	220.51	217.13	218.35	0.86	ppb
Silver	107-1	280.49	271.86	286.00	279.45	2.55	ppb
Silver	109-1	276.50	270.64	268.77	271.97	1.48	ppb
Sodium	23-2	26629.21	25712.81	27078.04	26473.35	2.63	ppb
Strontium	86-1	246.40	246.60	248.90	247.30	0.56	ppb
Strontium	88-1	257.34	259.44	255.17	257.32	0.83	ppb
Sulfur	34-1	6241.59	6388.27	6249.59	6293.15	1.31	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	244.82	255.56	242.54	247.64	2.81	ppb
Thallium	205-1	254.48	253.33	241.93	249.91	2.78	ppb
Tin	118-1	255.37	262.03	256.75	258.05	1.36	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2566.75	2662.88	2619.96	2616.53	1.84	ppb
Uranium	238-1	250.25	255.96	255.74	253.98	1.27	ppb
Vanadium	51-2	248.08	249.57	251.16	249.61	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	2535.44	2588.02	2571.41	2564.96	1.05	ppb
Zirconium	90-1	260.51	258.13	257.98	258.87	0.55	ppb
Zirconium	91-1	257.42	248.14	252.04	252.53	1.84	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9460.70	9268.55	9258.40	9329.22	1.22	ppb
Antimony	121-1	499.04	514.07	507.27	506.79	1.49	ppb
Arsenic	75-2	528.81	507.42	505.25	513.83	2.53	ppb
Barium	135-1	2510.26	2526.15	2524.93	2520.45	0.35	ppb
Barium	137-1	2566.13	2502.32	2544.28	2537.58	1.28	ppb
Beryllium	9-1	508.50	509.36	523.37	513.75	1.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	488.24	501.04	526.84	505.37	3.89	ppb
Boron	11-1	499.09	485.72	544.48	509.77	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	495.25	488.69	510.39	498.11	2.23	ppb
Cadmium	106-1	513.48	496.98	509.43	506.63	1.70	ppb
Cadmium	108-1	525.36	498.47	503.60	509.14	2.80	ppb
Calcium	43-1	49393.74	52165.13	51101.06	50886.64	2.75	ppb
Calcium	44-1	49431.50	50305.17	51273.65	50336.77	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.53	483.54	489.16	487.41	0.69	ppb
Cobalt	59-2	520.76	508.67	517.66	515.70	1.22	ppb
Copper	63-2	5228.18	5104.61	5049.07	5127.29	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	27407.77	27389.49	26529.92	27109.06	1.85	ppb
Iron	56-2	26342.94	26134.36	25298.04	25925.11	2.13	ppb
Iron	57-2	24858.82	24353.68	24405.43	24539.31	1.13	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2556.97	2501.91	2473.36	2510.75	1.69	ppb
Lead	207-1	2533.21	2529.72	2492.73	2518.55	0.89	ppb
Lead	208-1	2565.63	2524.20	2496.58	2528.80	1.37	ppb
Lithium	6-1				112		%
Magnesium	24-2	52078.63	52271.46	52324.66	52224.92	0.25	ppb
Manganese	55-2	5163.28	5203.81	5001.50	5122.86	2.09	ppb
Molybdenum	94-1	5185.35	5003.87	5172.16	5120.46	1.98	ppb
Molybdenum	95-1	5149.84	5031.74	5221.12	5134.23	1.86	ppb
Molybdenum	96-1	5201.99	5010.91	5210.66	5141.18	2.20	ppb
Molybdenum	97-1	5220.01	5004.57	5202.65	5142.41	2.33	ppb
Molybdenum	98-1	5204.01	4851.69	5113.23	5056.31	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.74	518.21	516.66	517.87	0.21	ppb
Phosphorus	31-2	10403.11	10140.34	10423.96	10322.47	1.53	ppb
Potassium	39-2	24795.07	24076.52	25406.87	24759.49	2.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	525.33	512.77	526.97	521.69	1.49	ppb
Selenium	77-2	516.69	517.43	504.47	512.86	1.42	ppb
Selenium	78-2	535.81	521.37	506.77	521.32	2.79	ppb
Silicon	28-1	530.50	539.13	541.84	537.16	1.10	ppb
Silver	107-1	519.74	519.72	514.75	518.07	0.56	ppb
Silver	109-1	518.26	512.80	500.84	510.63	1.75	ppb
Sodium	23-2	49930.39	50634.61	49439.88	50001.62	1.20	ppb
Strontium	86-1	505.42	511.46	514.07	510.32	0.87	ppb
Strontium	88-1	500.89	506.50	506.95	504.78	0.67	ppb
Sulfur	34-1	11866.76	12527.80	12595.91	12330.16	3.27	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	506.87	488.82	503.38	499.69	1.92	ppb
Thallium	205-1	499.27	494.36	502.67	498.77	0.84	ppb
Tin	118-1	507.27	504.04	505.21	505.51	0.32	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5072.28	5176.50	5234.05	5160.94	1.59	ppb
Uranium	238-1	494.13	498.66	512.13	501.64	1.87	ppb
Vanadium	51-2	495.82	487.09	475.87	486.26	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	5403.33	5168.14	5183.41	5251.63	2.51	ppb
Zirconium	90-1	505.39	500.84	513.89	506.71	1.31	ppb
Zirconium	91-1	519.69	496.41	519.98	512.03	2.64	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:44:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19163.50	18969.00	18656.29	18929.60	1.35	ppb
Antimony	121-1	982.59	987.36	1011.95	993.97	1.59	ppb
Arsenic	75-2	987.74	1010.30	973.02	990.35	1.90	ppb
Barium	135-1	4932.85	4932.83	5079.41	4981.70	1.70	ppb
Barium	137-1	4872.64	4905.05	5117.35	4965.01	2.68	ppb
Beryllium	9-1	994.80	984.64	999.43	992.95	0.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	960.19	1032.42	1020.54	1004.38	3.86	ppb
Boron	11-1	946.81	1043.61	1007.92	999.45	4.90	ppb
Bromine	81-1						cps
Cadmium	111-1	1010.34	983.73	1001.01	998.36	1.35	ppb
Cadmium	106-1	974.44	974.01	1022.05	990.17	2.79	ppb
Cadmium	108-1	971.35	988.51	1005.57	988.47	1.73	ppb
Calcium	43-1	98619.72	98804.38	96381.68	97935.26	1.38	ppb
Calcium	44-1	96484.71	99041.40	96649.91	97392.01	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.94	1041.59	972.93	1006.82	3.41	ppb
Cobalt	59-2	991.08	1004.41	977.29	990.93	1.37	ppb
Copper	63-2	9855.23	10044.64	9751.01	9883.63	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	51245.38	53650.25	50075.43	51657.02	3.53	ppb
Iron	56-2	50182.68	50512.35	50008.08	50234.37	0.51	ppb
Iron	57-2	52485.83	51998.40	51057.03	51847.09	1.40	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:44:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5059.21	4893.45	5052.69	5001.78	1.88	ppb
Lead	207-1	5051.58	4921.53	5020.65	4997.92	1.36	ppb
Lead	208-1	5068.58	4911.68	4995.81	4992.02	1.57	ppb
Lithium	6-1				112		%
Magnesium	24-2	101315.60	104481.33	101116.97	102304.64	1.85	ppb
Manganese	55-2	9746.27	10115.31	9840.79	9900.79	1.94	ppb
Molybdenum	94-1	9839.59	9827.96	10086.71	9918.08	1.47	ppb
Molybdenum	95-1	9738.19	9896.39	10108.45	9914.34	1.87	ppb
Molybdenum	96-1	9731.80	9910.87	10082.07	9908.25	1.77	ppb
Molybdenum	97-1	9814.98	9828.11	10082.35	9908.48	1.52	ppb
Molybdenum	98-1	9883.29	9921.39	10090.01	9964.90	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.36	988.54	970.43	985.44	1.39	ppb
Phosphorus	31-2	19785.28	19618.29	19785.14	19729.57	0.49	ppb
Potassium	39-2	49260.72	47374.53	47781.18	48138.81	2.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	975.59	979.53	999.01	984.71	1.27	ppb
Selenium	77-2	946.58	1029.71	990.48	988.93	4.21	ppb
Selenium	78-2	980.29	1011.35	964.80	985.48	2.41	ppb
Silicon	28-1	994.55	1000.22	972.36	989.04	1.49	ppb
Silver	107-1	953.20	978.33	1018.64	983.39	3.36	ppb
Silver	109-1	988.86	991.51	986.89	989.09	0.23	ppb
Sodium	23-2	97394.34	101145.41	98828.69	99122.81	1.91	ppb
Strontium	86-1	994.09	990.54	1004.58	996.41	0.73	ppb
Strontium	88-1	997.49	994.35	996.39	996.08	0.16	ppb
Sulfur	34-1	18452.68	18772.49	18227.92	18484.36	1.48	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	985.67	999.22	1023.66	1002.85	1.92	ppb
Thallium	205-1	1012.77	983.00	1008.70	1001.49	1.61	ppb
Tin	118-1	985.30	1008.02	994.32	995.88	1.15	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:44:17	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9761.52	9902.99	10014.13	9892.88	1.28	ppb
Uranium	238-1	1007.29	989.88	1001.30	999.49	0.88	ppb
Vanadium	51-2	1000.62	1038.58	983.59	1007.60	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	9849.65	9889.32	9832.93	9857.30	0.29	ppb
Zirconium	90-1	990.59	1000.99	992.61	994.73	0.55	ppb
Zirconium	91-1	983.66	993.22	1005.81	994.23	1.12	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104095.36	99291.94	97511.63	100299.64	3.40	ppb
Antimony	121-1	0.76	0.84	0.87	0.82	6.59	ppb
Arsenic	75-2	0.47	0.42	0.46	0.45	5.80	ppb
Barium	135-1	2.00	1.95	1.94	1.97	1.69	ppb
Barium	137-1	2.16	1.92	1.93	2.00	6.82	ppb
Beryllium	9-1	0.14	0.11	0.08	0.11	28.12	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	82.57	75.92	72.04	76.84	6.94	ppb
Boron	11-1	86.23	79.50	72.62	79.45	8.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.36	0.29	0.33	10.36	ppb
Cadmium	106-1	2.39	2.41	4.27	3.02	35.90	ppb
Cadmium	108-1	0.46	0.30	0.55	0.44	28.73	ppb
Calcium	43-1	487273.70	502345.12	511440.45	500353.09	2.44	ppb
Calcium	44-1	484115.72	501133.65	516237.27	500495.55	3.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.23	8.72	8.84	8.93	2.94	ppb
Cobalt	59-2	2.63	2.52	2.55	2.57	2.02	ppb
Copper	63-2	3.10	2.83	3.07	3.00	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	254456.30	244232.92	249606.33	249431.85	2.05	ppb
Iron	56-2	250707.37	248715.08	250044.27	249822.24	0.41	ppb
Iron	57-2	254283.71	248766.26	245977.29	249675.75	1.69	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.15	1.15	1.11	1.14	2.02	ppb
Lead	207-1	1.20	1.18	1.16	1.18	1.79	ppb
Lead	208-1	1.18	1.16	1.08	1.14	4.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	509440.25	490915.32	497173.09	499176.22	1.89	ppb
Manganese	55-2	5.19	4.72	5.07	4.99	4.95	ppb
Molybdenum	94-1	4.09	3.94	3.56	3.86	7.13	ppb
Molybdenum	95-1	3.37	3.12	2.85	3.11	8.28	ppb
Molybdenum	96-1	8.87	8.68	8.24	8.60	3.74	ppb
Molybdenum	97-1	3.68	3.38	3.26	3.44	6.33	ppb
Molybdenum	98-1	3.30	2.94	2.73	2.99	9.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.67	8.46	8.27	8.46	2.37	ppb
Phosphorus	31-2	-2.60	-14.71	6.90	-3.47		ppb
Potassium	39-2	249079.32	251354.10	250711.71	250381.71	0.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	2.97	1.21	0.79	1.66	69.97	ppb
Selenium	77-2	0.70	0.71	0.00	0.47	86.60	ppb
Selenium	78-2	0.88	0.83	0.36	0.69	41.67	ppb
Silicon	28-1	10.34	10.87	11.30	10.84	4.41	ppb
Silver	107-1	0.36	0.33	0.35	0.35	3.87	ppb
Silver	109-1	0.41	0.37	0.36	0.38	7.15	ppb
Sodium	23-2	513158.70	493245.45	493907.74	500103.96	2.26	ppb
Strontium	86-1	5.68	5.37	5.08	5.38	5.63	ppb
Strontium	88-1	5.78	5.63	5.49	5.63	2.51	ppb
Sulfur	34-1	-1210.19	-1200.18	-841.13	-1083.83		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.50	0.45	0.43	0.46	8.36	ppb
Thallium	205-1	0.48	0.47	0.39	0.45	11.20	ppb
Tin	118-1	0.98	0.98	1.01	0.99	1.86	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.03	1.77	1.89	1.90	6.92	ppb
Uranium	238-1	0.08	0.09	0.07	0.08	12.96	ppb
Vanadium	51-2	0.19	0.23	0.19	0.20	12.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	17.17	17.49	17.70	17.45	1.52	ppb
Zirconium	90-1	0.44	0.44	0.43	0.44	1.18	ppb
Zirconium	91-1	0.36	0.47	0.44	0.42	13.66	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	458.31	467.70	468.63	464.88	1.23	ppb
Antimony	121-1	187.76	191.99	190.41	190.05	1.13	ppb
Arsenic	75-2	199.09	195.30	201.96	198.78	1.68	ppb
Barium	135-1	94.49	94.45	94.86	94.60	0.24	ppb
Barium	137-1	95.21	95.05	96.82	95.69	1.03	ppb
Beryllium	9-1	93.21	101.12	100.08	98.14	4.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	296.85	325.44	332.62	318.30	5.94	ppb
Boron	11-1	305.20	327.22	320.19	317.53	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	100.13	100.79	101.20	100.70	0.53	ppb
Cadmium	106-1	175.15	165.33	173.67	171.38	3.09	ppb
Cadmium	108-1	154.37	148.96	152.65	151.99	1.82	ppb
Calcium	43-1	2160.36	2163.68	2135.56	2153.20	0.71	ppb
Calcium	44-1	1979.42	2042.74	1991.67	2004.61	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.11	93.38	95.41	94.30	1.09	ppb
Cobalt	59-2	92.82	96.22	96.31	95.11	2.09	ppb
Copper	63-2	94.64	94.41	94.76	94.60	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	1902.49	1945.28	1946.63	1931.47	1.30	ppb
Iron	56-2	2006.33	2006.66	1998.54	2003.84	0.23	ppb
Iron	57-2	1810.55	1863.14	1882.15	1851.95	2.00	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	187.40	185.90	191.92	188.41	1.66	ppb
Lead	207-1	178.35	182.36	181.19	180.63	1.14	ppb
Lead	208-1	189.06	191.72	196.37	192.39	1.92	ppb
Lithium	6-1				111		%
Magnesium	24-2	1107.18	1128.60	1113.77	1116.51	0.98	ppb
Manganese	55-2	88.38	93.81	93.83	92.01	3.41	ppb
Molybdenum	94-1	4917.19	5053.24	5126.49	5032.31	2.11	ppb
Molybdenum	95-1	4923.84	4988.87	5090.26	5000.99	1.68	ppb
Molybdenum	96-1	4974.76	5013.36	5088.18	5025.43	1.15	ppb
Molybdenum	97-1	4936.22	5039.66	5018.19	4998.02	1.09	ppb
Molybdenum	98-1	4919.37	4934.15	4937.14	4930.22	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.39	110.74	107.41	107.85	2.50	ppb
Phosphorus	31-2	2.62	-12.58	-17.39	-9.12		ppb
Potassium	39-2	1830.67	1890.65	1884.66	1868.66	1.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	199.74	203.89	207.10	203.58	1.81	ppb
Selenium	77-2	209.60	190.88	203.11	201.19	4.72	ppb
Selenium	78-2	214.21	206.27	203.63	208.04	2.65	ppb
Silicon	28-1	56.53	62.30	59.14	59.32	4.88	ppb
Silver	107-1	48.95	49.09	48.87	48.97	0.23	ppb
Silver	109-1	48.14	48.29	50.57	49.00	2.77	ppb
Sodium	23-2	1823.23	1895.57	1830.84	1849.88	2.15	ppb
Strontium	86-1	505.85	524.17	524.31	518.11	2.05	ppb
Strontium	88-1	510.25	508.04	509.93	509.40	0.23	ppb
Sulfur	34-1	-1487.92	-1449.03	-1554.45	-1497.13		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	190.47	189.09	188.59	189.38	0.51	ppb
Thallium	205-1	207.15	203.57	203.11	204.61	1.08	ppb
Tin	118-1	523.14	522.61	526.23	523.99	0.37	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4836.87	4773.89	4822.80	4811.18	0.69	ppb
Uranium	238-1	489.52	466.26	478.14	477.97	2.43	ppb
Vanadium	51-2	90.12	92.13	91.45	91.24	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	183.92	180.48	183.17	182.52	0.99	ppb
Zirconium	90-1	482.55	504.87	500.74	496.05	2.39	ppb
Zirconium	91-1	473.12	502.45	512.31	495.96	4.11	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	17.10	17.05	17.31	2.42	ppb
Antimony	121-1	1.98	1.95	1.95	1.96	1.04	ppb
Arsenic	75-2	1.00	1.09	1.08	1.06	4.64	ppb
Barium	135-1	9.55	9.71	8.94	9.40	4.30	ppb
Barium	137-1	9.53	9.95	9.86	9.78	2.28	ppb
Beryllium	9-1	1.08	1.06	0.99	1.04	4.75	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	29.26	28.59	27.92	28.59	2.34	ppb
Boron	11-1	30.94	30.60	30.93	30.82	0.63	ppb
Bromine	81-1						cps
Cadmium	111-1	1.07	1.08	1.07	1.07	0.47	ppb
Cadmium	106-1	1.69	3.27	3.54	2.83	35.33	ppb
Cadmium	108-1	1.19	0.85	0.81	0.95	22.49	ppb
Calcium	43-1	473.19	469.04	468.77	470.34	0.53	ppb
Calcium	44-1	479.84	466.99	470.81	472.55	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.97	1.92	1.88	6.17	ppb
Cobalt	59-2	0.98	0.94	0.95	0.96	1.99	ppb
Copper	63-2	2.13	2.05	1.93	2.03	4.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	53.82	48.49	50.45	50.92	5.30	ppb
Iron	56-2	48.08	48.18	46.76	47.67	1.66	ppb
Iron	57-2	50.46	48.86	42.22	47.18	9.26	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.97	0.86	0.92	6.18	ppb
Lead	207-1	0.96	0.95	0.88	0.93	5.00	ppb
Lead	208-1	0.97	0.95	0.88	0.93	5.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	483.69	485.51	501.30	490.17	1.98	ppb
Manganese	55-2	0.89	0.99	0.90	0.92	6.08	ppb
Molybdenum	94-1	5.93	6.52	5.93	6.12	5.63	ppb
Molybdenum	95-1	4.95	5.18	4.98	5.04	2.55	ppb
Molybdenum	96-1	5.43	5.50	5.08	5.33	4.26	ppb
Molybdenum	97-1	5.06	5.25	5.43	5.25	3.54	ppb
Molybdenum	98-1	5.05	5.24	5.03	5.11	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.14	1.15	1.09	8.55	ppb
Phosphorus	31-2	27.39	3.71	-17.71	4.47	505.06	ppb
Potassium	39-2	439.42	445.24	438.34	441.00	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	5.18	5.15	5.70	5.35	5.80	ppb
Selenium	77-2	3.45	9.87	4.84	6.05	55.80	ppb
Selenium	78-2	3.40	5.08	4.99	4.49	21.04	ppb
Silicon	28-1	1.29	1.06	1.23	1.20	9.91	ppb
Silver	107-1	1.04	1.07	1.06	1.06	1.42	ppb
Silver	109-1	0.98	1.02	0.98	0.99	2.19	ppb
Sodium	23-2	469.42	467.92	480.14	472.49	1.41	ppb
Strontium	86-1	0.87	0.71	0.93	0.84	13.59	ppb
Strontium	88-1	0.97	0.94	0.97	0.96	1.81	ppb
Sulfur	34-1	-955.43	-1071.03	-955.01	-993.82		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.96	0.91	0.92	3.97	ppb
Thallium	205-1	0.85	0.88	0.88	0.87	2.06	ppb
Tin	118-1	4.95	4.96	4.99	4.97	0.38	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.12	5.57	5.04	5.25	5.44	ppb
Uranium	238-1	0.90	0.94	0.88	0.91	3.87	ppb
Vanadium	51-2	4.67	4.68	4.47	4.60	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	2.52	2.35	2.33	2.40	4.30	ppb
Zirconium	90-1	0.95	0.97	0.91	0.94	3.44	ppb
Zirconium	91-1	0.97	1.03	0.90	0.97	6.45	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICB40	Instrumnet Name :	P8
Client Sample ID :	ICB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:16:17	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.26	-0.24	-0.31		ppb
Antimony	121-1	0.02	0.03	0.03	0.02	27.38	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	0.02	0.01	86.33	ppb
Barium	137-1	0.00	0.01	0.00	0.00	249.62	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	19.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	11.81	12.11	11.56	11.83	2.35	ppb
Boron	11-1	12.41	11.71	11.56	11.89	3.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.01	0.00		ppb
Cadmium	106-1	-0.30	1.97	1.05	0.90	126.25	ppb
Cadmium	108-1	0.13	0.07	-0.02	0.06	124.73	ppb
Calcium	43-1	0.13	1.06	-0.40	0.26	279.77	ppb
Calcium	44-1	0.15	0.24	-0.31	0.02	1169.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.09	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	249.64	ppb
Copper	63-2	0.01	-0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	2.16	1.14	0.32	1.21	76.41	ppb
Iron	56-2	0.38	0.27	0.50	0.38	29.93	ppb
Iron	57-2	-0.96	2.91	0.18	0.71	279.96	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICB40	Instrumnet Name :	P8
Client Sample ID :	ICB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:16:17	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.05	0.05	31.43	ppb
Lead	207-1	0.01	0.04	0.03	0.03	63.51	ppb
Lead	208-1	0.02	0.04	0.03	0.03	25.20	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.00	0.73	0.78	0.84	17.10	ppb
Manganese	55-2	-0.03	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.08	0.05	0.05	0.06	26.98	ppb
Molybdenum	95-1	0.09	0.10	0.05	0.08	31.57	ppb
Molybdenum	96-1	0.11	0.07	0.11	0.10	25.39	ppb
Molybdenum	97-1	0.08	0.08	0.06	0.07	15.49	ppb
Molybdenum	98-1	0.08	0.09	0.07	0.08	9.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.00	0.01	128.94	ppb
Phosphorus	31-2	-5.92	-10.28	-12.65	-9.62		ppb
Potassium	39-2	-8.31	-5.64	-4.78	-6.24		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.55	-0.11	0.30	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	0.72	-0.06	0.32	122.65	ppb
Silicon	28-1	-0.31	-0.14	-0.30	-0.25		ppb
Silver	107-1	0.01	0.01	0.02	0.01	36.28	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.93	ppb
Sodium	23-2	7.92	9.02	9.02	8.65	7.34	ppb
Strontium	86-1	-0.25	-0.01	0.04	-0.07		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.15	ppb
Sulfur	34-1	-703.03	-752.43	-843.40	-766.29		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.03	-0.04	-0.02	-0.03		ppb
Tin	118-1	-0.02	0.07	-0.03	0.01	776.45	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICB40	Instrumnet Name :	P8
Client Sample ID :	ICB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:16:17	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.03	0.06	0.06	60.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.27	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	33.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.39	-0.55	-0.55	-0.50		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	124.19	ppb
Zirconium	91-1	-0.02	-0.01	0.02	0.00		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSA40	Instrumnet Name :	P8
Client Sample ID :	ICSA40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:19:19	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92533.14	90575.90	95195.94	92768.33	2.50	ppb
Antimony	121-1	1.07	1.12	1.04	1.08	3.73	ppb
Arsenic	75-2	0.31	0.28	0.25	0.28	12.06	ppb
Barium	135-1	1.31	1.31	1.30	1.31	0.57	ppb
Barium	137-1	1.42	1.48	1.27	1.39	8.03	ppb
Beryllium	9-1	0.28	0.26	0.25	0.27	4.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	10.43	9.84	10.52	10.26	3.60	ppb
Boron	11-1	10.99	11.27	10.41	10.89	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.22	0.35	0.32	27.02	ppb
Cadmium	106-1	3.15	0.01	2.82	1.99	86.57	ppb
Cadmium	108-1	6.98	7.69	6.84	7.17	6.36	ppb
Calcium	43-1	97013.49	97388.85	95761.23	96721.19	0.88	ppb
Calcium	44-1	97985.57	95931.06	97188.45	97035.03	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.56	18.10	19.44	18.70	3.64	ppb
Cobalt	59-2	1.09	1.07	1.14	1.10	3.35	ppb
Copper	63-2	6.96	7.01	7.61	7.19	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	99527.34	99286.44	107405.43	102073.07	4.53	ppb
Iron	56-2	98180.63	95164.35	104813.78	99386.25	4.97	ppb
Iron	57-2	103052.40	98378.53	107448.02	102959.65	4.41	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSA40	Instrumnet Name :	P8
Client Sample ID :	ICSA40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:19:19	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.67	4.46	4.69	4.61	2.70	ppb
Lead	207-1	4.05	4.08	4.36	4.17	4.06	ppb
Lead	208-1	4.24	4.28	4.45	4.33	2.59	ppb
Lithium	6-1				116		%
Magnesium	24-2	95720.41	97337.24	103272.71	98776.79	4.03	ppb
Manganese	55-2	7.13	6.91	7.64	7.23	5.16	ppb
Molybdenum	94-1	1638.75	1578.86	1591.17	1602.93	1.97	ppb
Molybdenum	95-1	1999.19	1939.65	1939.73	1959.52	1.75	ppb
Molybdenum	96-1	1981.55	1889.05	1896.69	1922.43	2.67	ppb
Molybdenum	97-1	2001.88	1925.20	1976.09	1967.72	1.98	ppb
Molybdenum	98-1	1948.23	1884.69	1912.03	1914.98	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.16	5.97	5.44	8.41	ppb
Phosphorus	31-2	101152.27	93991.99	104282.84	99809.03	5.29	ppb
Potassium	39-2	94491.09	91365.11	103814.27	96556.82	6.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	1.31	-0.37	0.51	0.48	174.35	ppb
Selenium	77-2	2.02	0.00	0.00	0.67	173.21	ppb
Selenium	78-2	0.31	-0.71	0.45	0.02	3481.67	ppb
Silicon	28-1	2.00	1.89	2.58	2.16	17.24	ppb
Silver	107-1	0.06	0.08	0.05	0.06	20.50	ppb
Silver	109-1	0.08	0.07	0.05	0.06	25.98	ppb
Sodium	23-2	96006.77	97207.19	105566.17	99593.38	5.23	ppb
Strontium	86-1	33.19	31.65	32.51	32.45	2.38	ppb
Strontium	88-1	33.12	32.76	31.78	32.55	2.13	ppb
Sulfur	34-1	93228.71	91355.06	95356.10	93313.29	2.15	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.11	0.18	0.12	45.13	ppb
Thallium	205-1	0.11	0.13	0.17	0.14	19.65	ppb
Tin	118-1	0.18	0.17	0.15	0.17	9.85	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSA40	Instrumnet Name :	P8
Client Sample ID :	ICSA40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:19:19	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2030.67	1965.87	2071.31	2022.62	2.63	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.91	ppb
Vanadium	51-2	0.15	0.17	0.14	0.15	10.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	12.26	12.20	13.02	12.50	3.67	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	26.90	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	92.06	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104601.59	88842.04	81785.42	91743.02	12.73	ppb
Antimony	121-1	18.97	19.90	19.66	19.51	2.49	ppb
Arsenic	75-2	22.49	19.79	17.08	19.79	13.66	ppb
Barium	135-1	19.50	20.19	19.32	19.67	2.34	ppb
Barium	137-1	19.92	20.28	20.36	20.19	1.16	ppb
Beryllium	9-1	19.56	18.75	19.20	19.17	2.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	36.62	35.95	38.84	37.14	4.06	ppb
Boron	11-1	38.21	38.03	40.24	38.83	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	18.07	18.79	19.34	18.73	3.42	ppb
Cadmium	106-1	23.54	25.81	24.72	24.69	4.60	ppb
Cadmium	108-1	28.16	29.19	27.77	28.37	2.58	ppb
Calcium	43-1	95000.01	94414.10	95903.38	95105.83	0.79	ppb
Calcium	44-1	94493.73	92734.73	96130.23	94452.90	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.37	36.13	32.06	36.86	14.09	ppb
Cobalt	59-2	22.02	19.27	17.02	19.44	12.88	ppb
Copper	63-2	29.55	24.26	22.30	25.37	14.77	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				116		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	114360.37	98875.37	87520.03	100251.92	13.44	ppb
Iron	56-2	112540.70	95820.12	84859.98	97740.27	14.26	ppb
Iron	57-2	112732.55	97224.22	86836.99	98931.25	13.17	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.21	23.22	22.57	23.00	1.62	ppb
Lead	207-1	21.99	22.47	21.99	22.15	1.26	ppb
Lead	208-1	22.32	22.38	21.82	22.17	1.40	ppb
Lithium	6-1				116		%
Magnesium	24-2	112248.73	95305.87	87833.86	98462.82	12.71	ppb
Manganese	55-2	28.39	24.67	21.99	25.02	12.85	ppb
Molybdenum	94-1	1753.41	1764.20	1771.22	1762.94	0.51	ppb
Molybdenum	95-1	2002.67	2011.90	2042.44	2019.00	1.03	ppb
Molybdenum	96-1	2011.68	1981.88	2016.46	2003.34	0.94	ppb
Molybdenum	97-1	2031.85	2053.40	2054.68	2046.65	0.63	ppb
Molybdenum	98-1	1988.57	1985.43	2007.31	1993.77	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.67	24.30	22.12	25.03	13.34	ppb
Phosphorus	31-2	112156.28	95689.71	86304.82	98050.27	13.35	ppb
Potassium	39-2	105642.07	92903.24	84525.77	94357.03	11.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	82-1	19.59	20.33	21.27	20.40	4.12	ppb
Selenium	77-2	26.75	24.94	15.08	22.26	28.24	ppb
Selenium	78-2	21.91	16.86	15.89	18.22	17.72	ppb
Silicon	28-1	9.00	9.05	9.11	9.06	0.64	ppb
Silver	107-1	17.75	17.67	18.30	17.91	1.92	ppb
Silver	109-1	17.19	18.12	17.73	17.68	2.64	ppb
Sodium	23-2	113630.78	96074.66	86303.02	98669.49	14.03	ppb
Strontium	86-1	84.50	88.51	86.11	86.37	2.34	ppb
Strontium	88-1	88.74	90.61	88.77	89.37	1.20	ppb
Sulfur	34-1	90726.61	90235.74	93080.83	91347.73	1.66	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	18.57	19.24	18.82	18.88	1.80	ppb
Thallium	205-1	19.24	19.61	19.38	19.41	0.97	ppb
Tin	118-1	50.70	52.39	53.65	52.25	2.83	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2067.69	2017.51	2079.97	2055.06	1.61	ppb
Uranium	238-1	52.39	53.84	53.31	53.18	1.38	ppb
Vanadium	51-2	21.36	18.07	16.43	18.62	13.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	32.06	28.87	24.95	28.63	12.44	ppb
Zirconium	90-1	53.07	53.10	52.74	52.97	0.37	ppb
Zirconium	91-1	53.41	52.98	52.48	52.95	0.88	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50737.86	49105.93	46618.32	48820.70	4.25	ppb
Antimony	121-1	521.10	523.76	535.45	526.77	1.45	ppb
Arsenic	75-2	494.56	493.38	466.42	484.79	3.28	ppb
Barium	135-1	2510.13	2563.75	2585.36	2553.08	1.52	ppb
Barium	137-1	2489.05	2497.02	2556.07	2514.04	1.46	ppb
Beryllium	9-1	514.23	515.19	497.94	509.12	1.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	475.57	497.79	509.41	494.26	3.48	ppb
Boron	11-1	470.63	489.26	528.18	496.02	5.92	ppb
Bromine	81-1						cps
Cadmium	111-1	490.50	496.68	495.11	494.09	0.65	ppb
Cadmium	106-1	503.45	511.01	492.62	502.36	1.84	ppb
Cadmium	108-1	496.39	502.84	509.09	502.77	1.26	ppb
Calcium	43-1	252931.06	253967.27	259837.39	255578.58	1.46	ppb
Calcium	44-1	250675.39	260080.48	257645.19	256133.69	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.11	484.57	448.49	472.06	4.33	ppb
Cobalt	59-2	496.86	486.06	480.75	487.89	1.68	ppb
Copper	63-2	5142.84	5257.39	4873.55	5091.26	3.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	122323.49	122890.68	119609.24	121607.80	1.44	ppb
Iron	56-2	122771.00	120177.92	114935.44	119294.79	3.35	ppb
Iron	57-2	126699.83	127331.29	120758.76	124929.96	2.90	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2671.32	2611.91	2583.55	2622.26	1.71	ppb
Lead	207-1	2592.92	2612.79	2547.19	2584.30	1.30	ppb
Lead	208-1	2589.46	2623.84	2548.43	2587.25	1.46	ppb
Lithium	6-1				115		%
Magnesium	24-2	257296.96	251851.37	239571.33	249573.22	3.64	ppb
Manganese	55-2	4904.91	4954.69	4751.51	4870.37	2.17	ppb
Molybdenum	94-1	5112.39	5195.19	5189.43	5165.67	0.89	ppb
Molybdenum	95-1	5166.52	5142.22	5251.23	5186.66	1.10	ppb
Molybdenum	96-1	5123.83	5218.70	5289.27	5210.60	1.59	ppb
Molybdenum	97-1	5094.28	5235.01	5266.83	5198.71	1.77	ppb
Molybdenum	98-1	5050.89	5158.28	5182.10	5130.42	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.93	523.60	489.93	514.15	4.11	ppb
Phosphorus	31-2	10613.47	9888.87	9627.04	10043.13	5.09	ppb
Potassium	39-2	123927.26	118732.45	112053.70	118237.80	5.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	502.25	508.40	512.44	507.69	1.01	ppb
Selenium	77-2	525.11	533.00	490.42	516.17	4.39	ppb
Selenium	78-2	524.48	513.21	500.95	512.88	2.29	ppb
Silicon	28-1	451.41	458.99	469.17	459.86	1.94	ppb
Silver	107-1	513.86	520.42	512.67	515.65	0.81	ppb
Silver	109-1	504.34	503.24	516.90	508.16	1.49	ppb
Sodium	23-2	251859.57	253015.05	238799.97	247891.53	3.18	ppb
Strontium	86-1	513.23	516.96	514.04	514.74	0.38	ppb
Strontium	88-1	510.73	502.17	512.66	508.52	1.10	ppb
Sulfur	34-1	11369.02	11268.44	11698.98	11445.48	1.97	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	532.72	508.40	522.93	521.35	2.35	ppb
Thallium	205-1	523.37	521.50	516.25	520.37	0.71	ppb
Tin	118-1	505.89	508.86	519.55	511.43	1.40	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5116.90	5173.20	5168.49	5152.86	0.61	ppb
Uranium	238-1	527.83	524.99	526.79	526.54	0.27	ppb
Vanadium	51-2	496.50	488.87	463.84	483.07	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	5076.36	5021.28	4727.65	4941.77	3.79	ppb
Zirconium	90-1	510.80	516.75	501.12	509.56	1.55	ppb
Zirconium	91-1	510.60	526.05	501.44	512.69	2.43	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.09	0.80	0.31	135.93	ppb
Antimony	121-1	0.05	0.05	0.09	0.06	38.62	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.02	0.03	0.00	0.01	80.32	ppb
Barium	137-1	0.02	0.03	0.01	0.02	51.66	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	7.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	13.36	12.88	14.33	13.52	5.46	ppb
Boron	11-1	13.94	13.46	14.30	13.90	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.01	0.02	45.14	ppb
Cadmium	106-1	2.09	0.62	0.84	1.18	67.10	ppb
Cadmium	108-1	-0.09	0.03	-0.20	-0.09		ppb
Calcium	43-1	3.21	2.54	0.16	1.97	81.46	ppb
Calcium	44-1	1.26	1.70	1.35	1.43	16.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.03	0.13	0.01	986.20	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.11	0.15	0.10	53.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	1.29	3.54	3.15	2.66	45.09	ppb
Iron	56-2	1.00	1.95	1.93	1.63	33.22	ppb
Iron	57-2	-0.42	1.44	1.26	0.76	135.10	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.08	0.08	22.04	ppb
Lead	207-1	0.06	0.08	0.09	0.08	18.41	ppb
Lead	208-1	0.05	0.08	0.08	0.07	19.92	ppb
Lithium	6-1				118		%
Magnesium	24-2	1.87	3.34	3.63	2.95	32.04	ppb
Manganese	55-2	-0.02	0.02	0.01	0.00	1924.49	ppb
Molybdenum	94-1	0.13	0.10	0.11	0.11	11.67	ppb
Molybdenum	95-1	0.12	0.13	0.09	0.11	20.81	ppb
Molybdenum	96-1	0.11	0.05	0.05	0.07	43.83	ppb
Molybdenum	97-1	0.14	0.12	0.11	0.12	14.20	ppb
Molybdenum	98-1	0.10	0.08	0.07	0.09	18.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	35.06	ppb
Phosphorus	31-2	-6.93	-10.72	0.56	-5.70		ppb
Potassium	39-2	-0.64	3.79	32.71	11.95	151.50	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	82-1	0.05	-1.02	-1.42	-0.80		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	0.47	0.48	0.36	52.98	ppb
Silicon	28-1	-0.43	-0.40	-0.35	-0.39		ppb
Silver	107-1	0.04	0.04	0.03	0.04	10.34	ppb
Silver	109-1	0.03	0.04	0.04	0.04	13.46	ppb
Sodium	23-2	25.13	28.41	43.51	32.35	30.30	ppb
Strontium	86-1	-0.40	-0.19	-0.12	-0.24		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.05	ppb
Sulfur	34-1	-1061.31	-1013.96	-890.39	-988.55		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.08	0.09	0.09	9.36	ppb
Thallium	205-1	0.05	0.09	0.07	0.07	26.78	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.11	0.12	0.11	7.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.26	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	143.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	-0.10	-0.16	-0.03	-0.10		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	93.04	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.00	17.88	17.91	17.26	6.33	ppb
Antimony	121-1	1.96	1.88	1.93	1.92	2.11	ppb
Arsenic	75-2	0.96	1.17	1.14	1.09	10.54	ppb
Barium	135-1	9.35	8.90	9.13	9.13	2.49	ppb
Barium	137-1	9.97	8.94	9.18	9.36	5.71	ppb
Beryllium	9-1	0.99	1.02	1.07	1.03	3.93	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	10-1	22.12	23.77	23.83	23.24	4.17	ppb
Boron	11-1	23.12	25.20	25.37	24.56	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	1.07	1.03	1.07	1.05	2.28	ppb
Cadmium	106-1	4.25	4.70	3.26	4.07	18.12	ppb
Cadmium	108-1	1.03	1.04	0.79	0.96	14.61	ppb
Calcium	43-1	469.81	457.49	469.68	465.66	1.52	ppb
Calcium	44-1	470.15	463.68	470.49	468.10	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.82	1.93	1.86	3.35	ppb
Cobalt	59-2	0.94	1.00	0.95	0.96	3.38	ppb
Copper	63-2	1.95	2.13	2.17	2.08	5.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				111		%
Iron	54-2	45.48	46.54	49.21	47.08	4.09	ppb
Iron	56-2	45.19	47.11	49.52	47.27	4.59	ppb
Iron	57-2	44.26	46.20	49.16	46.54	5.30	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	0.90	0.96	0.94	4.29	ppb
Lead	207-1	0.99	1.01	0.95	0.98	3.10	ppb
Lead	208-1	0.97	0.94	0.94	0.95	1.73	ppb
Lithium	6-1				115		%
Magnesium	24-2	460.86	475.05	495.38	477.10	3.64	ppb
Manganese	55-2	0.92	0.95	0.97	0.94	2.55	ppb
Molybdenum	94-1	5.86	5.86	5.93	5.89	0.70	ppb
Molybdenum	95-1	4.94	5.03	5.19	5.05	2.43	ppb
Molybdenum	96-1	4.85	5.16	5.28	5.10	4.41	ppb
Molybdenum	97-1	5.12	5.10	5.19	5.14	0.90	ppb
Molybdenum	98-1	4.80	5.05	5.05	4.97	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.96	1.06	0.98	6.33	ppb
Phosphorus	31-2	3.85	7.98	-1.94	3.30	151.27	ppb
Potassium	39-2	401.89	440.46	470.88	437.74	7.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	4.91	5.12	5.17	5.06	2.67	ppb
Selenium	77-2	3.12	6.62	6.03	5.25	35.60	ppb
Selenium	78-2	3.95	4.80	4.09	4.28	10.64	ppb
Silicon	28-1	0.95	0.44	0.89	0.76	36.51	ppb
Silver	107-1	1.05	1.02	1.03	1.03	1.36	ppb
Silver	109-1	1.02	1.01	1.06	1.03	2.40	ppb
Sodium	23-2	442.44	471.97	508.06	474.16	6.93	ppb
Strontium	86-1	0.69	0.83	0.90	0.80	13.44	ppb
Strontium	88-1	0.98	0.94	0.95	0.96	2.01	ppb
Sulfur	34-1	-662.46	-880.91	-679.67	-741.01		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	1.01	0.97	0.94	0.97	3.75	ppb
Thallium	205-1	0.99	1.00	0.96	0.98	2.05	ppb
Tin	118-1	4.88	4.90	4.97	4.92	0.93	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.99	5.21	5.25	5.15	2.71	ppb
Uranium	238-1	0.86	0.87	0.84	0.85	1.60	ppb
Vanadium	51-2	4.20	4.58	4.70	4.49	5.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1.99	2.28	2.37	2.21	8.94	ppb
Zirconium	90-1	0.95	0.96	0.98	0.96	1.80	ppb
Zirconium	91-1	0.94	0.86	0.91	0.90	4.55	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:01:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.84	4.84	5.04	4.90	2.31	ppb
Antimony	121-1	0.27	0.24	0.25	0.25	6.19	ppb
Arsenic	75-2	0.26	0.23	0.26	0.25	7.29	ppb
Barium	135-1	1.19	1.33	1.17	1.23	7.32	ppb
Barium	137-1	1.18	1.21	1.27	1.22	3.75	ppb
Beryllium	9-1	0.27	0.26	0.24	0.26	4.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	3.96	3.74	3.59	3.76	4.93	ppb
Boron	11-1	3.99	4.79	3.73	4.17	13.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.24	0.21	0.23	7.97	ppb
Cadmium	106-1	3.31	3.08	3.48	3.29	6.19	ppb
Cadmium	108-1	0.43	0.40	0.43	0.42	5.09	ppb
Calcium	43-1	23.91	25.20	22.85	23.99	4.92	ppb
Calcium	44-1	24.19	24.16	24.12	24.16	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.19	0.23	0.20	11.71	ppb
Cobalt	59-2	0.24	0.24	0.26	0.25	3.58	ppb
Copper	63-2	0.51	0.50	0.47	0.49	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	12.64	13.13	12.94	12.91	1.90	ppb
Iron	56-2	12.58	12.20	12.32	12.37	1.55	ppb
Iron	57-2	13.60	11.03	15.53	13.39	16.89	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:01:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.26	0.24	12.95	ppb
Lead	207-1	0.26	0.23	0.28	0.26	9.55	ppb
Lead	208-1	0.24	0.21	0.27	0.24	10.95	ppb
Lithium	6-1				113		%
Magnesium	24-2	26.53	25.60	26.20	26.11	1.81	ppb
Manganese	55-2	0.43	0.45	0.56	0.48	14.74	ppb
Molybdenum	94-1	1.52	1.52	1.57	1.54	1.75	ppb
Molybdenum	95-1	1.36	1.36	1.35	1.36	0.55	ppb
Molybdenum	96-1	1.27	1.37	1.40	1.35	4.97	ppb
Molybdenum	97-1	1.49	1.28	1.36	1.38	7.64	ppb
Molybdenum	98-1	1.33	1.38	1.44	1.38	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.25	0.22	0.23	9.03	ppb
Phosphorus	31-2	2.01	-11.89	-6.65	-5.51		ppb
Potassium	39-2	3.84	6.67	12.89	7.80	59.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	2.98	2.67	2.56	2.74	8.10	ppb
Selenium	77-2	1.33	1.98	1.32	1.54	24.59	ppb
Selenium	78-2	3.13	1.15	1.84	2.04	49.13	ppb
Silicon	28-1	-0.43	-0.26	-0.26	-0.32		ppb
Silver	107-1	0.27	0.27	0.25	0.26	4.70	ppb
Silver	109-1	0.25	0.30	0.28	0.28	7.49	ppb
Sodium	23-2	30.32	29.54	34.45	31.44	8.39	ppb
Strontium	86-1	0.08	0.05	0.19	0.11	68.13	ppb
Strontium	88-1	0.24	0.24	0.26	0.24	4.43	ppb
Sulfur	34-1	-321.24	-251.94	-261.91	-278.37		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.24	0.22	0.23	6.71	ppb
Thallium	205-1	0.23	0.21	0.22	0.22	6.07	ppb
Tin	118-1	0.25	0.22	0.24	0.24	6.64	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:01:51	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.16	1.33	1.23	1.24	7.09	ppb
Uranium	238-1	0.22	0.24	0.22	0.23	4.42	ppb
Vanadium	51-2	0.26	0.23	0.21	0.23	9.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.62	0.78	0.83	0.74	14.91	ppb
Zirconium	90-1	0.22	0.22	0.22	0.22	0.47	ppb
Zirconium	91-1	0.22	0.22	0.18	0.21	10.96	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.16	4.72	4.57	4.48	6.47	ppb
Antimony	121-1	0.29	0.29	0.25	0.28	9.66	ppb
Arsenic	75-2	0.27	0.23	0.22	0.24	8.99	ppb
Barium	135-1	1.28	1.15	1.24	1.22	5.57	ppb
Barium	137-1	1.26	1.33	1.21	1.27	4.95	ppb
Beryllium	9-1	0.26	0.27	0.27	0.27	2.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	3.09	2.87	2.64	2.87	8.00	ppb
Boron	11-1	2.89	2.71	2.77	2.79	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.28	0.24	0.28	16.73	ppb
Cadmium	106-1	4.60	1.59	2.47	2.89	53.70	ppb
Cadmium	108-1	0.06	0.40	0.24	0.23	73.52	ppb
Calcium	43-1	21.74	24.23	25.87	23.95	8.68	ppb
Calcium	44-1	23.07	25.04	25.17	24.43	4.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.23	0.25	0.24	3.95	ppb
Cobalt	59-2	0.25	0.28	0.24	0.26	9.09	ppb
Copper	63-2	0.54	0.57	0.56	0.56	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	11.49	13.44	13.97	12.96	10.09	ppb
Iron	56-2	12.34	12.91	13.04	12.76	2.94	ppb
Iron	57-2	10.77	11.02	13.49	11.76	12.79	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.29	0.26	0.28	5.59	ppb
Lead	207-1	0.21	0.27	0.24	0.24	10.92	ppb
Lead	208-1	0.23	0.26	0.24	0.24	4.92	ppb
Lithium	6-1				111		%
Magnesium	24-2	25.67	25.56	26.49	25.91	1.96	ppb
Manganese	55-2	0.46	0.46	0.50	0.47	4.89	ppb
Molybdenum	94-1	1.51	1.48	1.47	1.49	1.43	ppb
Molybdenum	95-1	1.33	1.35	1.28	1.32	2.90	ppb
Molybdenum	96-1	1.35	1.35	1.32	1.34	1.38	ppb
Molybdenum	97-1	1.46	1.51	1.39	1.45	4.19	ppb
Molybdenum	98-1	1.27	1.24	1.33	1.28	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.22	0.34	0.27	22.91	ppb
Phosphorus	31-2	-13.74	2.05	-1.96	-4.55		ppb
Potassium	39-2	10.02	13.66	10.55	11.41	17.21	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	2.84	2.03	2.40	2.42	16.69	ppb
Selenium	77-2	1.92	1.36	2.61	1.96	31.92	ppb
Selenium	78-2	1.44	2.83	2.18	2.15	32.32	ppb
Silicon	28-1	-0.63	-0.24	-0.29	-0.39		ppb
Silver	107-1	0.28	0.29	0.25	0.27	6.59	ppb
Silver	109-1	0.26	0.30	0.26	0.27	8.18	ppb
Sodium	23-2	28.84	29.22	30.74	29.60	3.39	ppb
Strontium	86-1	0.09	0.27	0.30	0.22	52.30	ppb
Strontium	88-1	0.25	0.27	0.26	0.26	2.40	ppb
Sulfur	34-1	-538.74	-252.24	-343.10	-378.03		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.23	0.22	0.22	4.49	ppb
Thallium	205-1	0.24	0.21	0.21	0.22	8.88	ppb
Tin	118-1	0.27	0.22	0.23	0.24	11.13	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.35	1.29	1.45	1.36	5.81	ppb
Uranium	238-1	0.23	0.23	0.22	0.22	1.28	ppb
Vanadium	51-2	0.22	0.21	0.26	0.23	10.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.90	0.95	0.75	0.87	12.11	ppb
Zirconium	90-1	0.20	0.24	0.23	0.22	8.55	ppb
Zirconium	91-1	0.21	0.22	0.26	0.23	11.37	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:11:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	5.33	5.01	5.00	6.49	ppb
Antimony	121-1	0.25	0.25	0.24	0.25	2.56	ppb
Arsenic	75-2	0.23	0.22	0.25	0.23	5.88	ppb
Barium	135-1	1.22	1.14	1.24	1.20	4.55	ppb
Barium	137-1	1.22	1.29	1.32	1.27	4.05	ppb
Beryllium	9-1	0.27	0.23	0.28	0.26	9.65	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	2.72	2.30	2.17	2.40	12.03	ppb
Boron	11-1	2.40	2.48	2.17	2.35	6.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.24	0.29	0.27	10.92	ppb
Cadmium	106-1	2.90	3.13	2.67	2.90	7.98	ppb
Cadmium	108-1	0.02	0.36	0.11	0.16	108.47	ppb
Calcium	43-1	25.62	22.67	23.88	24.06	6.15	ppb
Calcium	44-1	25.00	22.42	23.86	23.76	5.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.21	0.26	0.23	11.91	ppb
Cobalt	59-2	0.25	0.26	0.23	0.25	5.96	ppb
Copper	63-2	0.56	0.55	0.57	0.56	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	13.44	12.78	14.30	13.51	5.65	ppb
Iron	56-2	12.22	13.35	13.43	13.00	5.19	ppb
Iron	57-2	9.85	13.31	12.61	11.92	15.37	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:11:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.25	0.25	3.86	ppb
Lead	207-1	0.21	0.27	0.25	0.24	13.35	ppb
Lead	208-1	0.22	0.25	0.24	0.24	5.93	ppb
Lithium	6-1				111		%
Magnesium	24-2	27.68	27.03	23.57	26.10	8.47	ppb
Manganese	55-2	0.51	0.53	0.51	0.51	2.42	ppb
Molybdenum	94-1	1.39	1.59	1.59	1.52	7.43	ppb
Molybdenum	95-1	1.36	1.31	1.34	1.34	2.15	ppb
Molybdenum	96-1	1.34	1.39	1.33	1.35	2.35	ppb
Molybdenum	97-1	1.23	1.27	1.26	1.25	1.33	ppb
Molybdenum	98-1	1.20	1.33	1.29	1.27	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.31	0.27	0.28	9.83	ppb
Phosphorus	31-2	18.37	16.71	4.64	13.24	56.61	ppb
Potassium	39-2	8.65	24.46	18.02	17.05	46.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	2.74	1.70	2.65	2.36	24.54	ppb
Selenium	77-2	2.58	1.38	5.65	3.20	68.75	ppb
Selenium	78-2	2.42	3.97	2.99	3.13	25.07	ppb
Silicon	28-1	-0.29	-0.61	-0.42	-0.44		ppb
Silver	107-1	0.27	0.29	0.25	0.27	6.35	ppb
Silver	109-1	0.25	0.27	0.26	0.26	3.84	ppb
Sodium	23-2	30.33	29.62	36.94	32.29	12.50	ppb
Strontium	86-1	0.17	0.08	0.15	0.13	34.76	ppb
Strontium	88-1	0.25	0.23	0.23	0.24	3.87	ppb
Sulfur	34-1	-301.36	-546.73	-329.82	-392.64		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.24	0.23	0.21	16.86	ppb
Thallium	205-1	0.18	0.20	0.22	0.20	9.66	ppb
Tin	118-1	1.23	0.27	0.30	0.60	90.47	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:11:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.42	1.41	1.14	1.32	11.90	ppb
Uranium	238-1	0.19	0.23	0.22	0.21	9.61	ppb
Vanadium	51-2	0.24	0.23	0.24	0.24	3.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	1.01	0.83	0.62	0.82	23.88	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	3.45	ppb
Zirconium	91-1	0.18	0.24	0.20	0.20	14.81	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.46	17.60	17.13	17.40	1.39	ppb
Antimony	121-1	1.90	1.82	1.79	1.84	2.95	ppb
Arsenic	75-2	0.99	0.89	0.98	0.96	5.75	ppb
Barium	135-1	8.81	8.92	9.19	8.97	2.18	ppb
Barium	137-1	9.66	9.31	9.23	9.40	2.42	ppb
Beryllium	9-1	1.06	1.06	1.05	1.06	0.50	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	13.94	13.89	15.33	14.39	5.68	ppb
Boron	11-1	14.93	15.00	16.32	15.42	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.05	0.97	1.05	7.64	ppb
Cadmium	106-1	3.01	4.39	3.89	3.77	18.60	ppb
Cadmium	108-1	1.09	1.13	1.08	1.10	2.29	ppb
Calcium	43-1	454.73	448.99	447.02	450.25	0.89	ppb
Calcium	44-1	453.57	439.09	449.96	447.54	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.78	1.81	1.83	4.11	ppb
Cobalt	59-2	0.96	0.98	0.93	0.96	2.65	ppb
Copper	63-2	2.04	1.92	1.98	1.98	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	51.48	49.94	47.17	49.53	4.41	ppb
Iron	56-2	50.20	46.93	45.71	47.61	4.87	ppb
Iron	57-2	51.58	47.07	47.19	48.61	5.29	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.88	0.93	0.89	4.47	ppb
Lead	207-1	0.86	0.90	0.93	0.90	4.05	ppb
Lead	208-1	0.87	0.88	0.93	0.89	3.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	480.84	481.43	464.18	475.48	2.06	ppb
Manganese	55-2	1.00	0.90	0.86	0.92	7.82	ppb
Molybdenum	94-1	5.19	5.97	5.56	5.57	7.04	ppb
Molybdenum	95-1	4.73	5.10	4.84	4.89	3.91	ppb
Molybdenum	96-1	4.86	5.01	4.91	4.93	1.52	ppb
Molybdenum	97-1	4.78	5.16	4.54	4.83	6.50	ppb
Molybdenum	98-1	4.76	4.88	4.75	4.80	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.18	0.94	1.06	10.89	ppb
Phosphorus	31-2	29.64	4.54	13.11	15.76	80.93	ppb
Potassium	39-2	470.74	449.90	447.37	456.00	2.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	4.27	3.93	4.70	4.30	8.95	ppb
Selenium	77-2	4.04	6.23	5.29	5.18	21.17	ppb
Selenium	78-2	4.39	6.29	5.51	5.39	17.69	ppb
Silicon	28-1	0.65	0.62	0.74	0.67	9.61	ppb
Silver	107-1	0.96	0.95	0.96	0.96	0.56	ppb
Silver	109-1	0.96	1.02	1.01	1.00	2.97	ppb
Sodium	23-2	476.96	460.27	456.20	464.48	2.37	ppb
Strontium	86-1	0.67	0.80	0.93	0.80	16.38	ppb
Strontium	88-1	0.93	0.98	0.94	0.95	2.47	ppb
Sulfur	34-1	-396.56	-514.43	-373.73	-428.24		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.93	0.86	0.90	3.91	ppb
Thallium	205-1	0.82	0.83	0.84	0.83	0.75	ppb
Tin	118-1	4.95	4.94	4.73	4.88	2.55	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.27	4.53	4.95	4.92	7.55	ppb
Uranium	238-1	0.84	0.83	0.87	0.85	2.80	ppb
Vanadium	51-2	4.95	4.51	4.57	4.68	5.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	2.25	1.84	1.91	2.00	11.11	ppb
Zirconium	90-1	0.91	0.93	0.91	0.92	1.66	ppb
Zirconium	91-1	0.95	0.91	0.78	0.88	10.17	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.44	16.75	16.98	16.73	1.62	ppb
Antimony	121-1	1.98	1.85	1.91	1.91	3.44	ppb
Arsenic	75-2	1.07	0.93	1.09	1.03	8.60	ppb
Barium	135-1	9.31	9.46	9.72	9.50	2.17	ppb
Barium	137-1	9.38	9.33	9.93	9.55	3.50	ppb
Beryllium	9-1	1.02	1.06	1.09	1.06	3.52	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	13.72	14.52	15.49	14.58	6.09	ppb
Boron	11-1	13.89	15.97	16.29	15.38	8.49	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.10	0.99	1.04	5.60	ppb
Cadmium	106-1	5.74	3.29	5.35	4.79	27.44	ppb
Cadmium	108-1	0.83	0.68	1.31	0.94	35.24	ppb
Calcium	43-1	446.65	454.81	468.34	456.60	2.40	ppb
Calcium	44-1	455.49	457.17	468.39	460.35	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.88	1.90	1.86	2.21	ppb
Cobalt	59-2	0.96	0.98	0.94	0.96	2.35	ppb
Copper	63-2	1.91	1.99	2.00	1.97	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				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	47.64	50.09	48.69	48.81	2.52	ppb
Iron	56-2	47.65	47.42	47.03	47.37	0.65	ppb
Iron	57-2	48.78	48.86	45.44	47.69	4.09	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.89	0.88	0.89	0.59	ppb
Lead	207-1	0.86	0.90	0.95	0.90	4.75	ppb
Lead	208-1	0.89	0.88	0.90	0.89	1.10	ppb
Lithium	6-1				109		%
Magnesium	24-2	483.53	462.24	462.85	469.54	2.58	ppb
Manganese	55-2	0.97	0.85	0.90	0.91	6.46	ppb
Molybdenum	94-1	5.64	5.98	5.87	5.83	2.98	ppb
Molybdenum	95-1	4.70	5.14	5.19	5.01	5.37	ppb
Molybdenum	96-1	5.33	5.17	5.15	5.21	1.91	ppb
Molybdenum	97-1	4.99	5.19	4.80	4.99	3.83	ppb
Molybdenum	98-1	4.86	5.07	4.82	4.92	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.05	0.95	1.01	5.52	ppb
Phosphorus	31-2	1.53	24.05	-2.93	7.55	191.49	ppb
Potassium	39-2	462.27	453.42	434.96	450.22	3.09	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	5.32	4.69	4.01	4.67	14.08	ppb
Selenium	77-2	5.90	2.56	5.74	4.74	39.77	ppb
Selenium	78-2	4.41	5.79	6.19	5.46	17.03	ppb
Silicon	28-1	0.82	0.93	0.95	0.90	7.53	ppb
Silver	107-1	1.02	1.02	1.07	1.04	3.09	ppb
Silver	109-1	0.95	1.02	1.05	1.01	5.01	ppb
Sodium	23-2	450.06	449.90	441.61	447.19	1.08	ppb
Strontium	86-1	0.97	0.97	0.75	0.90	13.77	ppb
Strontium	88-1	0.95	0.99	0.99	0.97	2.41	ppb
Sulfur	34-1	-323.11	-243.56	-135.09	-233.92		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.89	0.92	0.90	1.84	ppb
Thallium	205-1	0.85	0.81	0.85	0.84	3.12	ppb
Tin	118-1	4.83	4.82	5.15	4.93	3.74	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.11	5.09	5.29	5.17	2.14	ppb
Uranium	238-1	0.79	0.82	0.85	0.82	3.60	ppb
Vanadium	51-2	4.57	4.62	4.54	4.58	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1.79	2.06	1.91	1.92	7.14	ppb
Zirconium	90-1	0.91	0.89	0.98	0.93	5.06	ppb
Zirconium	91-1	0.92	0.96	0.93	0.94	1.92	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:23:16	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.54	17.45	16.52	17.17	3.30	ppb
Antimony	121-1	1.90	1.76	2.37	2.01	16.04	ppb
Arsenic	75-2	1.12	1.09	0.90	1.04	11.58	ppb
Barium	135-1	9.38	9.43	10.94	9.92	8.95	ppb
Barium	137-1	9.81	9.17	11.60	10.19	12.35	ppb
Beryllium	9-1	1.11	1.01	1.28	1.13	11.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	13.72	14.32	18.91	15.65	18.14	ppb
Boron	11-1	14.93	15.31	19.46	16.57	15.16	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.07	1.25	1.11	11.09	ppb
Cadmium	106-1	3.10	3.88	4.74	3.91	20.93	ppb
Cadmium	108-1	0.95	0.73	1.67	1.12	44.16	ppb
Calcium	43-1	437.96	448.43	558.92	481.77	13.91	ppb
Calcium	44-1	443.03	448.03	562.39	484.48	13.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.99	1.90	1.93	2.60	ppb
Cobalt	59-2	1.02	0.98	0.94	0.98	4.12	ppb
Copper	63-2	1.94	1.93	2.00	1.96	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	52.83	56.15	50.71	53.23	5.15	ppb
Iron	56-2	49.04	48.74	46.60	48.12	2.76	ppb
Iron	57-2	54.73	46.80	46.79	49.44	9.26	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:23:16	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.88	1.19	0.96	20.93	ppb
Lead	207-1	0.85	0.82	1.14	0.94	18.71	ppb
Lead	208-1	0.82	0.85	1.16	0.95	19.83	ppb
Lithium	6-1				106		%
Magnesium	24-2	492.36	491.07	487.08	490.17	0.56	ppb
Manganese	55-2	0.88	0.90	0.87	0.89	1.82	ppb
Molybdenum	94-1	5.57	5.75	7.30	6.21	15.32	ppb
Molybdenum	95-1	4.74	4.84	6.09	5.22	14.47	ppb
Molybdenum	96-1	5.20	4.94	6.38	5.51	13.93	ppb
Molybdenum	97-1	4.83	4.97	6.26	5.36	14.73	ppb
Molybdenum	98-1	4.78	4.81	6.17	5.26	15.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.02	1.02	1.05	4.79	ppb
Phosphorus	31-2	2.32	22.40	30.58	18.43	78.90	ppb
Potassium	39-2	465.21	471.10	449.53	461.95	2.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	5.02	5.86	8.37	6.42	27.14	ppb
Selenium	77-2	3.87	3.84	3.17	3.63	10.94	ppb
Selenium	78-2	5.70	6.76	5.60	6.02	10.66	ppb
Silicon	28-1	0.48	0.54	3.55	1.52	115.28	ppb
Silver	107-1	1.01	0.98	1.25	1.08	13.80	ppb
Silver	109-1	1.03	0.95	1.21	1.07	12.50	ppb
Sodium	23-2	475.85	461.97	452.54	463.45	2.53	ppb
Strontium	86-1	0.78	0.81	1.77	1.12	50.13	ppb
Strontium	88-1	0.93	0.92	1.21	1.02	16.10	ppb
Sulfur	34-1	-485.33	-355.93	1008.89	55.88	1481.59	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.78	0.78	1.09	0.88	20.20	ppb
Thallium	205-1	0.84	0.81	1.11	0.92	17.95	ppb
Tin	118-1	4.85	4.59	5.85	5.10	13.06	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:23:16	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.82	4.75	6.08	5.22	14.41	ppb
Uranium	238-1	0.80	0.82	1.09	0.90	17.91	ppb
Vanadium	51-2	5.03	4.89	4.85	4.92	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	2.13	1.74	2.10	1.99	10.99	ppb
Zirconium	90-1	0.97	0.86	1.14	0.99	14.23	ppb
Zirconium	91-1	0.92	0.94	1.08	0.98	9.00	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:26:20	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.45	16.73	17.74	16.97	3.99	ppb
Antimony	121-1	1.76	1.93	1.85	1.85	4.78	ppb
Arsenic	75-2	1.16	1.16	1.14	1.15	1.27	ppb
Barium	135-1	8.42	8.97	9.29	8.89	4.95	ppb
Barium	137-1	9.22	9.70	9.03	9.32	3.71	ppb
Beryllium	9-1	1.03	1.00	1.08	1.04	3.66	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	12.94	14.45	16.12	14.50	10.96	ppb
Boron	11-1	13.57	14.20	16.41	14.73	10.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	1.05	1.01	0.99	7.11	ppb
Cadmium	106-1	6.59	5.20	5.52	5.77	12.55	ppb
Cadmium	108-1	1.01	1.35	0.95	1.10	19.41	ppb
Calcium	43-1	422.69	439.73	443.88	435.44	2.58	ppb
Calcium	44-1	429.66	450.21	447.98	442.62	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.85	1.92	1.86	2.76	ppb
Cobalt	59-2	0.97	0.99	0.95	0.97	2.07	ppb
Copper	63-2	1.91	1.95	1.97	1.94	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	46.51	48.17	45.77	46.82	2.62	ppb
Iron	56-2	46.66	45.67	46.86	46.40	1.37	ppb
Iron	57-2	45.10	49.75	44.02	46.29	6.58	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:26:20	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.89	0.85	0.85	5.13	ppb
Lead	207-1	0.84	0.89	0.90	0.88	4.04	ppb
Lead	208-1	0.83	0.87	0.89	0.86	3.60	ppb
Lithium	6-1				113		%
Magnesium	24-2	452.37	477.96	463.68	464.67	2.76	ppb
Manganese	55-2	0.98	0.92	0.95	0.95	2.74	ppb
Molybdenum	94-1	5.57	6.18	6.22	5.99	6.05	ppb
Molybdenum	95-1	4.77	5.02	4.98	4.92	2.67	ppb
Molybdenum	96-1	4.72	4.76	5.29	4.92	6.43	ppb
Molybdenum	97-1	4.66	4.84	5.07	4.86	4.18	ppb
Molybdenum	98-1	4.52	4.86	5.08	4.82	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.08	1.01	1.05	3.56	ppb
Phosphorus	31-2	-1.21	7.65	6.54	4.32	111.63	ppb
Potassium	39-2	438.59	433.50	449.78	440.62	1.89	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	82-1	4.13	4.05	5.50	4.56	17.91	ppb
Selenium	77-2	5.77	5.72	9.18	6.89	28.76	ppb
Selenium	78-2	5.28	4.31	5.06	4.88	10.36	ppb
Silicon	28-1	0.36	0.71	0.65	0.57	32.89	ppb
Silver	107-1	0.99	1.01	1.02	1.00	1.60	ppb
Silver	109-1	0.93	1.00	0.99	0.97	3.79	ppb
Sodium	23-2	430.02	446.11	447.54	441.23	2.20	ppb
Strontium	86-1	0.68	0.81	0.80	0.76	9.51	ppb
Strontium	88-1	0.93	0.95	0.94	0.94	1.17	ppb
Sulfur	34-1	-671.38	-395.90	-253.64	-440.30		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.82	0.92	0.88	0.87	5.97	ppb
Thallium	205-1	0.82	0.85	0.82	0.83	2.43	ppb
Tin	118-1	4.83	5.05	4.72	4.87	3.41	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:26:20	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.64	4.79	4.87	4.77	2.45	ppb
Uranium	238-1	0.82	0.85	0.81	0.83	2.13	ppb
Vanadium	51-2	4.52	4.57	4.97	4.68	5.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	1.91	1.83	1.76	1.83	4.31	ppb
Zirconium	90-1	0.85	0.91	0.93	0.90	4.87	ppb
Zirconium	91-1	0.92	0.93	0.91	0.92	1.00	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.35	19.10	18.71	18.05	8.24	ppb
Antimony	121-1	1.89	1.85	1.97	1.90	3.35	ppb
Arsenic	75-2	1.05	1.17	1.11	1.11	5.14	ppb
Barium	135-1	8.78	8.91	9.06	8.92	1.57	ppb
Barium	137-1	8.96	9.21	9.35	9.17	2.19	ppb
Beryllium	9-1	1.01	1.09	1.10	1.07	4.21	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	12.41	14.12	15.61	14.05	11.41	ppb
Boron	11-1	13.95	15.20	16.47	15.21	8.30	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.11	1.05	1.05	4.98	ppb
Cadmium	106-1	3.95	4.40	3.03	3.79	18.39	ppb
Cadmium	108-1	1.14	0.66	0.95	0.91	26.48	ppb
Calcium	43-1	470.59	443.88	436.80	450.42	3.96	ppb
Calcium	44-1	464.49	445.52	451.48	453.83	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.92	1.81	1.89	3.64	ppb
Cobalt	59-2	0.97	1.06	1.02	1.02	4.30	ppb
Copper	63-2	2.05	2.04	1.98	2.02	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	50.61	53.23	47.10	50.31	6.11	ppb
Iron	56-2	47.59	47.30	46.39	47.09	1.33	ppb
Iron	57-2	43.61	48.55	46.35	46.17	5.37	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.85	0.90	0.88	3.27	ppb
Lead	207-1	0.89	0.87	0.82	0.86	4.05	ppb
Lead	208-1	0.87	0.87	0.87	0.87	0.23	ppb
Lithium	6-1				110		%
Magnesium	24-2	471.17	496.93	462.11	476.74	3.79	ppb
Manganese	55-2	0.94	1.04	0.95	0.97	5.75	ppb
Molybdenum	94-1	5.39	5.53	5.81	5.58	3.80	ppb
Molybdenum	95-1	4.88	4.96	5.07	4.97	1.86	ppb
Molybdenum	96-1	4.88	5.11	5.14	5.04	2.77	ppb
Molybdenum	97-1	4.87	4.95	5.17	5.00	3.12	ppb
Molybdenum	98-1	4.66	4.89	5.04	4.86	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.91	1.08	1.02	9.43	ppb
Phosphorus	31-2	17.66	28.43	4.07	16.72	73.01	ppb
Potassium	39-2	454.08	462.26	453.98	456.77	1.04	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	4.26	4.35	6.63	5.08	26.42	ppb
Selenium	77-2	5.31	5.96	5.81	5.69	6.01	ppb
Selenium	78-2	6.51	6.07	4.65	5.74	16.91	ppb
Silicon	28-1	0.95	0.68	0.68	0.77	20.33	ppb
Silver	107-1	0.97	0.99	1.03	0.99	2.81	ppb
Silver	109-1	1.01	0.99	1.04	1.01	2.13	ppb
Sodium	23-2	465.29	477.55	469.57	470.80	1.32	ppb
Strontium	86-1	0.81	0.75	0.84	0.80	6.06	ppb
Strontium	88-1	0.94	0.97	0.95	0.95	1.85	ppb
Sulfur	34-1	-140.16	-365.79	-302.32	-269.42		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.82	0.77	0.80	0.80	3.00	ppb
Thallium	205-1	0.85	0.86	0.80	0.84	3.78	ppb
Tin	118-1	4.78	4.53	4.91	4.74	4.09	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.85	5.02	4.73	4.87	2.99	ppb
Uranium	238-1	0.89	0.81	0.84	0.85	4.67	ppb
Vanadium	51-2	4.55	4.77	4.62	4.65	2.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	1.56	1.93	2.06	1.85	14.15	ppb
Zirconium	90-1	0.90	0.90	0.91	0.90	0.73	ppb
Zirconium	91-1	0.88	0.86	0.89	0.87	1.50	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47880.13	46731.15	49003.97	47871.75	2.37	ppb
Antimony	121-1	524.92	519.41	505.31	516.55	1.96	ppb
Arsenic	75-2	485.76	491.64	468.48	481.96	2.50	ppb
Barium	135-1	2486.65	2514.37	2436.09	2479.04	1.60	ppb
Barium	137-1	2532.08	2592.10	2446.32	2523.50	2.90	ppb
Beryllium	9-1	498.40	477.59	499.59	491.86	2.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	454.72	469.69	488.08	470.83	3.55	ppb
Boron	11-1	480.63	481.42	495.43	485.83	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	480.48	488.97	479.00	482.82	1.11	ppb
Cadmium	106-1	504.85	511.90	477.41	498.05	3.66	ppb
Cadmium	108-1	504.55	511.52	492.16	502.74	1.95	ppb
Calcium	43-1	236271.43	232741.50	241560.51	236857.81	1.87	ppb
Calcium	44-1	239552.08	235237.11	242238.92	239009.37	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.31	471.44	472.74	472.83	0.30	ppb
Cobalt	59-2	498.87	488.37	493.20	493.48	1.06	ppb
Copper	63-2	4958.55	4936.01	4992.69	4962.42	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	122678.51	123159.20	124546.30	123461.34	0.79	ppb
Iron	56-2	118565.04	123992.68	120301.97	120953.23	2.29	ppb
Iron	57-2	120583.33	122633.20	124333.05	122516.53	1.53	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2519.56	2506.24	2605.53	2543.77	2.12	ppb
Lead	207-1	2541.22	2463.86	2560.54	2521.87	2.03	ppb
Lead	208-1	2525.53	2494.25	2553.57	2524.45	1.18	ppb
Lithium	6-1				122		%
Magnesium	24-2	247438.05	239205.61	250793.01	245812.22	2.43	ppb
Manganese	55-2	4829.32	4888.66	4884.94	4867.64	0.68	ppb
Molybdenum	94-1	4973.82	5095.12	5115.67	5061.54	1.51	ppb
Molybdenum	95-1	5085.55	5018.51	5129.06	5077.71	1.10	ppb
Molybdenum	96-1	5103.35	5100.79	5190.75	5131.63	1.00	ppb
Molybdenum	97-1	5068.46	5048.58	5109.84	5075.63	0.62	ppb
Molybdenum	98-1	4974.92	4992.44	4990.92	4986.09	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.98	519.78	504.69	513.48	1.53	ppb
Phosphorus	31-2	9835.67	9959.34	9956.38	9917.13	0.71	ppb
Potassium	39-2	119578.04	118403.12	119534.38	119171.85	0.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	485.60	488.47	494.69	489.58	0.95	ppb
Selenium	77-2	532.58	483.73	510.25	508.85	4.81	ppb
Selenium	78-2	500.46	501.69	496.16	499.44	0.58	ppb
Silicon	28-1	461.36	450.68	463.56	458.53	1.50	ppb
Silver	107-1	503.94	527.43	496.58	509.32	3.16	ppb
Silver	109-1	512.28	504.24	498.12	504.88	1.41	ppb
Sodium	23-2	245179.66	240579.22	250647.15	245468.68	2.05	ppb
Strontium	86-1	502.37	501.21	525.76	509.78	2.72	ppb
Strontium	88-1	503.44	500.57	508.79	504.27	0.83	ppb
Sulfur	34-1	11512.74	10828.10	11601.45	11314.10	3.74	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	513.89	501.57	526.18	513.88	2.39	ppb
Thallium	205-1	510.49	493.84	529.47	511.27	3.49	ppb
Tin	118-1	506.39	513.18	490.43	503.33	2.32	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5068.57	5094.90	5059.32	5074.26	0.36	ppb
Uranium	238-1	530.33	506.01	524.52	520.29	2.44	ppb
Vanadium	51-2	472.40	468.64	477.78	472.94	0.97	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	4827.64	5086.23	4939.11	4950.99	2.62	ppb
Zirconium	90-1	505.66	500.79	501.28	502.58	0.53	ppb
Zirconium	91-1	511.88	507.49	516.17	511.85	0.85	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:55:02	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.02	-0.26	-0.09		ppb
Antimony	121-1	0.07	0.10	0.13	0.10	29.67	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	868.75	ppb
Barium	135-1	0.04	0.02	0.00	0.02	105.79	ppb
Barium	137-1	0.03	0.01	0.02	0.02	61.11	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	23.79	ppb
Bismuth	209-1				116		%
Bismuth	209-2				112		%
Boron	10-1	24.77	20.71	20.73	22.07	10.59	ppb
Boron	11-1	24.99	21.94	21.77	22.90	7.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.03	0.03	0.03	16.77	ppb
Cadmium	106-1	2.44	1.83	2.13	2.13	14.15	ppb
Cadmium	108-1	0.10	-0.04	0.04	0.03	206.17	ppb
Calcium	43-1	2.32	1.13	1.85	1.77	33.94	ppb
Calcium	44-1	1.89	1.19	0.85	1.31	40.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.08	-0.05	-0.06		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.09	0.08	0.06	0.08	22.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				114		%
Iron	54-2	0.47	0.87	0.64	0.66	29.83	ppb
Iron	56-2	0.75	0.97	0.80	0.84	13.51	ppb
Iron	57-2	0.12	-1.11	-0.27	-0.42		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:55:02	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.13	0.11	18.65	ppb
Lead	207-1	0.12	0.08	0.09	0.09	23.82	ppb
Lead	208-1	0.09	0.09	0.09	0.09	0.88	ppb
Lithium	6-1				124		%
Magnesium	24-2	2.20	1.93	2.01	2.05	6.90	ppb
Manganese	55-2	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	94-1	0.16	0.13	0.13	0.14	11.49	ppb
Molybdenum	95-1	0.17	0.11	0.11	0.13	29.69	ppb
Molybdenum	96-1	0.24	0.17	0.11	0.17	38.49	ppb
Molybdenum	97-1	0.13	0.15	0.12	0.13	10.49	ppb
Molybdenum	98-1	0.16	0.13	0.15	0.15	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.01	0.01	320.92	ppb
Phosphorus	31-2	-9.85	-20.66	-9.91	-13.47		ppb
Potassium	39-2	4.92	0.54	6.04	3.83	75.76	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	-0.19	0.39	-0.41	-0.07		ppb
Selenium	77-2	0.66	0.00	0.00	0.22	173.21	ppb
Selenium	78-2	0.52	-0.29	-0.58	-0.11		ppb
Silicon	28-1	-0.47	-0.44	-0.54	-0.49		ppb
Silver	107-1	0.05	0.07	0.06	0.06	20.79	ppb
Silver	109-1	0.06	0.06	0.05	0.06	4.33	ppb
Sodium	23-2	51.69	54.96	48.96	51.87	5.79	ppb
Strontium	86-1	-0.21	-0.14	-0.14	-0.16		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	54.95	ppb
Sulfur	34-1	-1048.17	-948.65	-978.14	-991.66		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.43	ppb
Thallium	205-1	0.00	0.02	0.02	0.01	68.80	ppb
Tin	118-1	0.00	0.01	0.00	0.00	334.43	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:55:02	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.10	0.16	0.12	31.91	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	31.54	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	59.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	-0.05	-0.18	-0.27	-0.16		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	40.99	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	130.77	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:01:59	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	8.97	8.69	8.42	8.57	ppb
Antimony	121-1	0.85	0.82	0.94	0.87	7.23	ppb
Arsenic	75-2	0.43	0.51	0.46	0.46	8.60	ppb
Barium	135-1	3.76	3.86	4.43	4.02	9.08	ppb
Barium	137-1	3.97	3.81	4.42	4.07	7.76	ppb
Beryllium	9-1	0.44	0.47	0.45	0.45	3.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	13.55	14.21	14.79	14.18	4.39	ppb
Boron	11-1	14.39	14.82	16.00	15.07	5.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.44	0.49	0.45	8.92	ppb
Cadmium	106-1	5.61	2.77	4.48	4.29	33.31	ppb
Cadmium	108-1	0.50	0.38	0.35	0.41	19.10	ppb
Calcium	43-1	186.39	182.95	212.66	194.00	8.38	ppb
Calcium	44-1	191.90	184.76	212.63	196.43	7.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.75	0.76	0.75	1.00	ppb
Cobalt	59-2	0.42	0.41	0.41	0.41	1.72	ppb
Copper	63-2	1.00	0.98	0.92	0.97	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	79.46	86.10	81.77	82.44	4.09	ppb
Iron	56-2	79.73	82.85	79.28	80.62	2.41	ppb
Iron	57-2	80.53	84.62	80.70	81.95	2.82	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:01:59	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.46	0.51	0.46	10.45	ppb
Lead	207-1	0.39	0.44	0.49	0.44	10.70	ppb
Lead	208-1	0.40	0.42	0.48	0.43	8.59	ppb
Lithium	6-1				119		%
Magnesium	24-2	206.06	213.71	212.39	210.72	1.94	ppb
Manganese	55-2	0.54	0.52	0.46	0.51	8.16	ppb
Molybdenum	94-1	2.51	2.45	2.77	2.58	6.64	ppb
Molybdenum	95-1	2.17	2.11	2.30	2.19	4.41	ppb
Molybdenum	96-1	2.09	2.08	2.35	2.17	7.12	ppb
Molybdenum	97-1	2.12	2.12	2.31	2.18	5.14	ppb
Molybdenum	98-1	1.97	2.12	2.21	2.10	5.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.50	0.38	0.46	14.49	ppb
Phosphorus	31-2	-14.57	8.82	-5.02	-3.59		ppb
Potassium	39-2	185.28	204.62	189.92	193.28	5.22	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	3.38	1.85	2.66	2.63	28.99	ppb
Selenium	77-2	3.19	1.92	3.91	3.00	33.63	ppb
Selenium	78-2	1.64	2.52	2.47	2.21	22.21	ppb
Silicon	28-1	-0.19	-0.42	0.52	-0.03		ppb
Silver	107-1	0.41	0.43	0.44	0.43	3.73	ppb
Silver	109-1	0.39	0.40	0.51	0.43	15.46	ppb
Sodium	23-2	212.95	217.06	218.79	216.27	1.39	ppb
Strontium	86-1	0.14	0.25	0.56	0.32	68.09	ppb
Strontium	88-1	0.38	0.42	0.45	0.42	8.25	ppb
Sulfur	34-1	-608.37	-918.12	-193.60	-573.36		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.32	0.32	0.38	0.34	9.45	ppb
Thallium	205-1	0.33	0.33	0.40	0.35	11.94	ppb
Tin	118-1	1.93	1.97	2.23	2.04	7.74	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:01:59	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.22	1.95	2.25	2.14	7.85	ppb
Uranium	238-1	0.34	0.34	0.39	0.36	7.76	ppb
Vanadium	51-2	1.88	2.04	1.96	1.96	3.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	0.78	0.62	0.61	0.67	14.14	ppb
Zirconium	90-1	0.37	0.37	0.40	0.38	4.27	ppb
Zirconium	91-1	0.43	0.37	0.38	0.40	7.95	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	7.34	7.11	7.18	1.93	ppb
Antimony	121-1	0.86	0.85	0.83	0.85	2.17	ppb
Arsenic	75-2	0.41	0.50	0.43	0.45	10.84	ppb
Barium	135-1	3.87	3.70	4.01	3.86	3.98	ppb
Barium	137-1	4.19	3.78	4.05	4.01	5.28	ppb
Beryllium	9-1	0.49	0.49	0.44	0.47	5.46	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	12.50	13.43	12.38	12.77	4.51	ppb
Boron	11-1	13.79	13.82	13.67	13.76	0.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.50	0.37	0.43	0.43	14.30	ppb
Cadmium	106-1	6.11	4.38	4.20	4.90	21.49	ppb
Cadmium	108-1	0.52	0.73	0.45	0.57	25.11	ppb
Calcium	43-1	189.02	188.79	189.62	189.14	0.23	ppb
Calcium	44-1	193.59	181.69	192.05	189.11	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.70	0.63	0.75	0.69	8.37	ppb
Cobalt	59-2	0.35	0.45	0.41	0.40	12.30	ppb
Copper	63-2	0.75	0.72	0.84	0.77	8.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	54-2	77.13	79.08	78.74	78.31	1.33	ppb
Iron	56-2	75.69	77.83	75.79	76.44	1.58	ppb
Iron	57-2	73.43	80.37	74.74	76.18	4.84	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.42	0.43	1.33	ppb
Lead	207-1	0.49	0.39	0.40	0.43	13.62	ppb
Lead	208-1	0.43	0.42	0.41	0.42	2.57	ppb
Lithium	6-1				118		%
Magnesium	24-2	202.88	205.28	193.18	200.45	3.20	ppb
Manganese	55-2	0.39	0.36	0.39	0.38	3.88	ppb
Molybdenum	94-1	2.46	2.46	2.23	2.38	5.51	ppb
Molybdenum	95-1	2.22	1.97	1.86	2.02	9.28	ppb
Molybdenum	96-1	2.27	2.19	2.24	2.24	1.75	ppb
Molybdenum	97-1	2.40	2.11	1.92	2.14	11.34	ppb
Molybdenum	98-1	2.13	2.13	1.96	2.07	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.49	0.40	0.42	16.71	ppb
Phosphorus	31-2	1.17	13.14	-1.02	4.43	172.09	ppb
Potassium	39-2	176.90	180.26	179.03	178.73	0.95	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	2.81	4.54	3.51	3.62	23.98	ppb
Selenium	77-2	1.93	3.24	1.28	2.15	46.32	ppb
Selenium	78-2	3.24	2.01	2.04	2.43	28.77	ppb
Silicon	28-1	0.26	-0.31	0.08	0.01	2987.55	ppb
Silver	107-1	0.48	0.45	0.44	0.46	4.48	ppb
Silver	109-1	0.46	0.45	0.46	0.46	0.70	ppb
Sodium	23-2	206.08	207.63	203.05	205.59	1.13	ppb
Strontium	86-1	0.47	0.44	0.23	0.38	34.66	ppb
Strontium	88-1	0.39	0.39	0.37	0.39	2.62	ppb
Sulfur	34-1	-467.53	-875.20	-562.11	-634.95		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.37	0.39	0.35	13.12	ppb
Thallium	205-1	0.39	0.34	0.32	0.35	9.21	ppb
Tin	118-1	2.23	1.93	2.09	2.08	7.11	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.21	2.04	2.30	2.18	5.97	ppb
Uranium	238-1	0.38	0.37	0.36	0.37	3.09	ppb
Vanadium	51-2	1.92	1.85	1.85	1.88	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.47	0.58	0.67	0.57	17.49	ppb
Zirconium	90-1	0.38	0.38	0.37	0.37	1.09	ppb
Zirconium	91-1	0.40	0.35	0.36	0.37	7.36	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.52	-0.04	-0.34		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	17.64	ppb
Arsenic	75-2	0.00	0.00	-0.01	-0.01		ppb
Barium	135-1	0.00	0.03	0.01	0.01	112.03	ppb
Barium	137-1	0.03	0.01	0.02	0.02	36.93	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	8.50	9.21	9.26	8.99	4.70	ppb
Boron	11-1	9.89	9.35	10.24	9.83	4.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	0.02	0.01	67.39	ppb
Cadmium	106-1	4.08	1.45	1.76	2.43	59.03	ppb
Cadmium	108-1	0.26	0.04	-0.03	0.09	173.19	ppb
Calcium	43-1	1.94	1.67	3.46	2.36	40.84	ppb
Calcium	44-1	1.69	1.94	2.40	2.01	17.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.00	254.11	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.06	0.05	0.04	41.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	0.30	1.04	0.55	0.63	59.51	ppb
Iron	56-2	0.73	0.57	0.67	0.65	12.28	ppb
Iron	57-2	0.93	1.42	-0.06	0.76	98.68	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.07	0.05	51.76	ppb
Lead	207-1	0.07	0.05	0.07	0.06	14.97	ppb
Lead	208-1	0.05	0.03	0.05	0.04	24.22	ppb
Lithium	6-1				120		%
Magnesium	24-2	0.69	0.49	0.87	0.69	27.71	ppb
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.03	0.02	52.11	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	111.96	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	26.32	ppb
Molybdenum	97-1	0.04	0.02	0.01	0.02	48.06	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	11.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.05	0.06	17.72	ppb
Phosphorus	31-2	-18.51	-16.37	-13.18	-16.02		ppb
Potassium	39-2	-2.00	0.56	2.93	0.50	494.59	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	-0.20	-0.97	-0.10	-0.42		ppb
Selenium	77-2	0.66	0.00	0.68	0.45	86.62	ppb
Selenium	78-2	-1.04	0.45	-0.32	-0.30		ppb
Silicon	28-1	-0.73	-0.47	-0.47	-0.56		ppb
Silver	107-1	0.03	0.03	0.02	0.03	21.36	ppb
Silver	109-1	0.04	0.02	0.04	0.03	29.03	ppb
Sodium	23-2	8.78	8.00	7.54	8.11	7.76	ppb
Strontium	86-1	-0.28	-0.23	-0.29	-0.27		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	8.85	ppb
Sulfur	34-1	-615.67	-445.69	-362.92	-474.76		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.01	0.04	0.05	94.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	3.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	0.18	0.22	0.15	0.18	19.31	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	443.01	ppb
Zirconium	91-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.62	46.49	37.32	40.14	13.72	ppb
Antimony	121-1	3.48	3.67	3.83	3.66	4.76	ppb
Arsenic	75-2	1.95	2.68	2.04	2.22	17.96	ppb
Barium	135-1	16.96	17.20	20.15	18.10	9.80	ppb
Barium	137-1	17.40	18.12	19.94	18.49	7.06	ppb
Beryllium	9-1	1.93	1.96	1.95	1.95	0.82	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	30.56	31.88	33.32	31.92	4.32	ppb
Boron	11-1	31.52	33.23	35.69	33.48	6.27	ppb
Bromine	81-1						cps
Cadmium	111-1	1.99	2.08	2.28	2.12	7.01	ppb
Cadmium	106-1	4.06	5.43	7.31	5.60	29.14	ppb
Cadmium	108-1	2.13	1.51	2.85	2.16	31.18	ppb
Calcium	43-1	884.95	895.25	973.31	917.84	5.26	ppb
Calcium	44-1	891.96	910.31	966.27	922.85	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.92	4.19	4.07	4.06	3.29	ppb
Cobalt	59-2	1.91	2.19	2.07	2.06	6.98	ppb
Copper	63-2	3.86	5.76	4.25	4.62	21.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	370.92	449.58	394.68	405.06	9.96	ppb
Iron	56-2	372.11	433.59	380.79	395.49	8.41	ppb
Iron	57-2	373.67	442.44	386.06	400.72	9.15	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.79	1.74	1.86	1.80	3.31	ppb
Lead	207-1	1.87	1.85	1.99	1.90	4.03	ppb
Lead	208-1	1.78	1.78	1.94	1.83	5.22	ppb
Lithium	6-1				118		%
Magnesium	24-2	962.31	1091.35	1011.13	1021.60	6.38	ppb
Manganese	55-2	1.75	3.14	2.10	2.33	30.82	ppb
Molybdenum	94-1	5.06	5.53	5.74	5.45	6.40	ppb
Molybdenum	95-1	2.13	2.11	2.17	2.14	1.62	ppb
Molybdenum	96-1	2.53	2.73	2.69	2.65	4.03	ppb
Molybdenum	97-1	2.12	2.24	2.36	2.24	5.28	ppb
Molybdenum	98-1	2.12	2.14	2.29	2.18	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	2.59	2.38	2.31	13.99	ppb
Phosphorus	31-2	-14.50	-10.09	-6.46	-10.35		ppb
Potassium	39-2	863.52	1020.35	928.18	937.35	8.41	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	10.50	9.55	10.18	10.08	4.79	ppb
Selenium	77-2	11.67	13.18	10.69	11.84	10.59	ppb
Selenium	78-2	13.40	13.96	8.88	12.08	23.06	ppb
Silicon	28-1	1.87	1.82	2.56	2.08	19.79	ppb
Silver	107-1	1.77	1.89	2.17	1.94	10.47	ppb
Silver	109-1	1.73	1.84	2.13	1.90	10.95	ppb
Sodium	23-2	910.39	1072.39	953.34	978.70	8.58	ppb
Strontium	86-1	1.68	1.66	2.08	1.80	13.11	ppb
Strontium	88-1	1.89	1.96	2.08	1.98	4.92	ppb
Sulfur	34-1	-599.99	-612.42	-2.18	-404.86		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	1.75	1.73	1.92	1.80	5.83	ppb
Thallium	205-1	1.67	1.74	1.91	1.77	7.18	ppb
Tin	118-1	0.03	0.03	0.03	0.03	10.82	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.50	9.55	10.56	9.87	6.04	ppb
Uranium	238-1	1.64	1.71	1.81	1.72	4.82	ppb
Vanadium	51-2	9.15	10.06	9.56	9.59	4.77	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	8.64	11.52	9.44	9.87	15.12	ppb
Zirconium	90-1	1.82	1.86	1.89	1.86	1.78	ppb
Zirconium	91-1	1.77	1.94	1.89	1.87	4.70	ppb

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : PB144323BL Instrumnet Name : P8
 Client Sample ID : PBS323 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 18:14:08 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.64	-0.55	-0.86	-0.68		ppb
Antimony	121-1	0.01	0.01	0.03	0.02	54.78	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	161.60	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	223.54	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	6.17	5.79	5.48	5.82	5.97	ppb
Boron	11-1	6.32	6.13	5.72	6.06	5.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.00	0.01	60.46	ppb
Cadmium	106-1	8.18	4.46	4.37	5.67	38.36	ppb
Cadmium	108-1	-0.06	-0.09	0.07	-0.03		ppb
Calcium	43-1	-1.13	-1.24	-1.13	-1.17		ppb
Calcium	44-1	-1.62	-1.06	-1.39	-1.36		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	3788.92	ppb
Copper	63-2	0.00	-0.04	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	-0.54	-0.10	0.18	-0.16		ppb
Iron	56-2	0.36	0.24	0.20	0.27	30.54	ppb
Iron	57-2	-1.39	1.71	-0.49	-0.06		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P8
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:14:08	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.06	0.05	22.84	ppb
Lead	207-1	0.03	0.07	0.05	0.05	42.26	ppb
Lead	208-1	0.04	0.05	0.05	0.04	13.63	ppb
Lithium	6-1				122		%
Magnesium	24-2	0.31	0.60	-0.11	0.27	133.49	ppb
Manganese	55-2	-0.05	-0.04	-0.03	-0.04		ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	35.43	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	19.79	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	65.16	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00		ppb
Phosphorus	31-2	-7.47	6.05	-11.85	-4.42		ppb
Potassium	39-2	-1.04	-3.48	4.19	-0.11		ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	0.25	1.80	-0.31	0.58	188.25	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	-0.75	0.28	0.00	40775.70	ppb
Silicon	28-1	-1.18	-0.72	-0.68	-0.86		ppb
Silver	107-1	0.03	0.03	0.01	0.03	39.66	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.45	ppb
Sodium	23-2	4.61	4.54	3.95	4.37	8.27	ppb
Strontium	86-1	-0.31	-0.04	-0.11	-0.15		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.33	ppb
Sulfur	34-1	-493.60	-222.69	-389.10	-368.46		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	-0.03	-0.01	-0.01	-0.02		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P8
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:14:08	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.05	0.02	0.04	38.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	51.49	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	-0.55	-0.58	-0.61	-0.58		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	98.95	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.77	38.81	36.60	38.73	5.38	ppb
Antimony	121-1	3.61	3.87	3.56	3.68	4.50	ppb
Arsenic	75-2	2.07	1.98	1.86	1.97	5.34	ppb
Barium	135-1	17.80	18.02	17.56	17.79	1.28	ppb
Barium	137-1	18.95	18.72	18.72	18.80	0.70	ppb
Beryllium	9-1	1.96	1.90	2.08	1.98	4.61	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	25.78	27.79	30.57	28.05	8.58	ppb
Boron	11-1	27.42	29.32	31.49	29.41	6.93	ppb
Bromine	81-1						cps
Cadmium	111-1	1.93	2.10	2.17	2.06	5.97	ppb
Cadmium	106-1	5.91	5.61	5.97	5.83	3.35	ppb
Cadmium	108-1	2.23	2.03	2.00	2.09	5.91	ppb
Calcium	43-1	902.97	887.64	908.90	899.84	1.22	ppb
Calcium	44-1	906.12	886.56	928.48	907.05	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.68	3.68	3.74	2.76	ppb
Cobalt	59-2	1.98	1.94	1.88	1.93	2.40	ppb
Copper	63-2	4.43	4.09	4.01	4.18	5.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				117		%
Iron	54-2	392.73	370.72	368.74	377.40	3.53	ppb
Iron	56-2	379.84	377.71	366.19	374.58	1.96	ppb
Iron	57-2	381.91	368.39	373.64	374.65	1.82	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.78	1.83	2.02	1.87	6.75	ppb
Lead	207-1	1.79	1.69	1.95	1.81	7.43	ppb
Lead	208-1	1.77	1.76	1.96	1.83	6.05	ppb
Lithium	6-1				122		%
Magnesium	24-2	994.89	944.88	934.15	957.98	3.38	ppb
Manganese	55-2	2.43	2.23	1.92	2.19	11.76	ppb
Molybdenum	94-1	5.49	5.45	5.69	5.54	2.26	ppb
Molybdenum	95-1	2.28	2.23	2.62	2.38	8.91	ppb
Molybdenum	96-1	2.65	2.47	3.08	2.73	11.49	ppb
Molybdenum	97-1	2.46	2.20	2.59	2.42	8.30	ppb
Molybdenum	98-1	2.21	2.27	2.63	2.37	9.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	1.81	2.08	2.07	12.18	ppb
Phosphorus	31-2	-1.92	11.26	2.79	4.04	165.20	ppb
Potassium	39-2	894.00	867.33	842.87	868.06	2.95	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	10.03	10.18	9.27	9.83	4.98	ppb
Selenium	77-2	10.35	7.57	10.19	9.37	16.67	ppb
Selenium	78-2	10.68	10.37	10.47	10.51	1.49	ppb
Silicon	28-1	1.96	1.93	2.32	2.07	10.37	ppb
Silver	107-1	1.90	1.97	1.93	1.94	1.82	ppb
Silver	109-1	1.97	2.03	2.02	2.00	1.71	ppb
Sodium	23-2	926.72	898.31	892.35	905.79	2.03	ppb
Strontium	86-1	1.76	1.67	1.88	1.77	5.88	ppb
Strontium	88-1	1.97	1.93	1.96	1.96	1.20	ppb
Sulfur	34-1	-400.20	-564.53	-293.57	-419.44		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.61	1.59	1.71	1.64	4.14	ppb
Thallium	205-1	1.65	1.72	1.80	1.72	4.53	ppb
Tin	118-1	0.04	0.04	0.06	0.05	29.70	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.36	9.45	10.21	9.67	4.84	ppb
Uranium	238-1	1.60	1.71	1.72	1.68	3.84	ppb
Vanadium	51-2	8.95	9.06	8.98	8.99	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	9.35	8.81	8.92	9.03	3.16	ppb
Zirconium	90-1	1.83	1.80	1.88	1.84	2.04	ppb
Zirconium	91-1	1.89	1.84	1.87	1.87	1.38	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	-0.72	-0.35	-0.58		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	17.61	ppb
Arsenic	75-2	0.00	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	65.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	5.23	6.34	5.12	5.56	12.11	ppb
Boron	11-1	5.54	6.33	5.85	5.91	6.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.02	0.00		ppb
Cadmium	106-1	3.57	3.20	3.12	3.30	7.32	ppb
Cadmium	108-1	0.09	0.20	0.34	0.21	57.26	ppb
Calcium	43-1	-1.32	-0.55	-1.55	-1.14		ppb
Calcium	44-1	-1.41	-0.70	-1.18	-1.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	123.53	ppb
Copper	63-2	-0.03	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	54-2	-0.14	0.86	1.08	0.60	108.89	ppb
Iron	56-2	0.11	0.09	0.35	0.18	79.55	ppb
Iron	57-2	-0.71	-0.72	1.07	-0.12		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	4.73	ppb
Lead	207-1	0.03	0.04	0.03	0.03	20.42	ppb
Lead	208-1	0.03	0.04	0.03	0.03	11.78	ppb
Lithium	6-1				117		%
Magnesium	24-2	-0.01	0.42	0.18	0.20	107.86	ppb
Manganese	55-2	-0.05	-0.04	-0.05	-0.05		ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	16.81	ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	99.69	ppb
Molybdenum	96-1	0.03	0.06	0.07	0.05	42.73	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	98.56	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	13.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	112.87	ppb
Phosphorus	31-2	-8.10	-11.72	1.63	-6.06		ppb
Potassium	39-2	-6.32	-0.62	-1.12	-2.69		ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.44	-0.58	-0.30	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.78	0.79	0.58	61.15	ppb
Silicon	28-1	-0.48	-0.42	-0.80	-0.56		ppb
Silver	107-1	0.03	0.02	0.03	0.03	16.11	ppb
Silver	109-1	0.04	0.03	0.03	0.03	13.40	ppb
Sodium	23-2	2.56	3.69	3.94	3.40	21.62	ppb
Strontium	86-1	-0.18	-0.05	0.04	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	60.89	ppb
Sulfur	34-1	-402.17	-345.69	-538.31	-428.72		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.02	0.06	0.01	447.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.99	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	-0.63	-0.62	-0.65	-0.63		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	116.95	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9347.51	9194.45	9147.63	9229.86	1.13	ppb
Antimony	121-1	513.78	482.48	553.60	516.62	6.90	ppb
Arsenic	75-2	515.32	525.88	507.13	516.11	1.82	ppb
Barium	135-1	2498.84	2372.44	2694.64	2521.98	6.44	ppb
Barium	137-1	2490.96	2415.44	2699.51	2535.30	5.80	ppb
Beryllium	9-1	518.74	507.69	560.59	529.00	5.28	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	435.36	440.85	501.59	459.27	8.00	ppb
Boron	11-1	446.12	445.56	523.06	471.58	9.45	ppb
Bromine	81-1						cps
Cadmium	111-1	494.76	476.70	536.71	502.73	6.12	ppb
Cadmium	106-1	507.72	498.80	566.95	524.49	7.06	ppb
Cadmium	108-1	520.76	500.65	550.95	524.12	4.83	ppb
Calcium	43-1	50695.50	48738.20	53821.30	51085.00	5.02	ppb
Calcium	44-1	49800.25	47199.48	53570.48	50190.07	6.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.43	487.02	473.69	485.05	2.17	ppb
Cobalt	59-2	527.35	528.31	523.12	526.26	0.52	ppb
Copper	63-2	5267.34	5103.97	5141.99	5171.10	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	27126.16	26689.64	26994.54	26936.78	0.83	ppb
Iron	56-2	26486.31	25466.36	24973.21	25641.96	3.01	ppb
Iron	57-2	24725.90	24393.28	23976.38	24365.19	1.54	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2616.01	2456.01	2841.59	2637.87	7.34	ppb
Lead	207-1	2598.77	2400.52	2751.20	2583.50	6.81	ppb
Lead	208-1	2600.30	2421.13	2779.06	2600.16	6.88	ppb
Lithium	6-1				118		%
Magnesium	24-2	55313.00	53503.24	53732.32	54182.85	1.82	ppb
Manganese	55-2	5107.34	5011.59	4934.34	5017.76	1.73	ppb
Molybdenum	94-1	5140.43	4927.15	5492.21	5186.59	5.50	ppb
Molybdenum	95-1	5068.80	4953.08	5493.22	5171.70	5.50	ppb
Molybdenum	96-1	5109.06	4956.49	5526.26	5197.27	5.68	ppb
Molybdenum	97-1	5146.90	4906.36	5528.16	5193.81	6.04	ppb
Molybdenum	98-1	5063.99	4821.01	5369.13	5084.71	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.42	516.76	508.58	516.92	1.63	ppb
Phosphorus	31-2	10503.42	10459.94	10131.93	10365.10	1.96	ppb
Potassium	39-2	24701.59	24966.64	24878.97	24849.07	0.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	504.07	481.86	543.93	509.95	6.17	ppb
Selenium	77-2	509.16	533.37	493.19	511.91	3.95	ppb
Selenium	78-2	530.55	517.08	512.28	519.97	1.82	ppb
Silicon	28-1	464.22	437.05	473.46	458.24	4.13	ppb
Silver	107-1	521.25	502.56	575.75	533.18	7.13	ppb
Silver	109-1	537.03	521.98	563.48	540.83	3.88	ppb
Sodium	23-2	53188.84	51854.55	52093.80	52379.06	1.36	ppb
Strontium	86-1	539.90	489.32	548.52	525.91	6.08	ppb
Strontium	88-1	515.61	487.92	539.61	514.38	5.03	ppb
Sulfur	34-1	12333.89	11168.04	12971.51	12157.81	7.52	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	516.88	496.76	547.09	520.24	4.87	ppb
Thallium	205-1	525.13	491.92	560.86	525.97	6.56	ppb
Tin	118-1	504.44	485.69	568.86	519.66	8.39	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5063.69	4864.49	5425.35	5117.85	5.56	ppb
Uranium	238-1	499.93	486.15	541.78	509.29	5.69	ppb
Vanadium	51-2	492.87	485.74	479.01	485.87	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	5098.38	5163.63	5260.47	5174.16	1.58	ppb
Zirconium	90-1	508.83	482.31	549.43	513.52	6.58	ppb
Zirconium	91-1	513.62	492.50	559.74	521.95	6.59	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.39	-0.40	-0.39		ppb
Antimony	121-1	0.04	0.03	0.05	0.04	16.25	ppb
Arsenic	75-2	-0.01	-0.02	0.02	-0.01		ppb
Barium	135-1	0.01	0.02	0.02	0.02	53.80	ppb
Barium	137-1	0.03	0.02	0.02	0.02	9.73	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	92.75	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	10.40	10.59	10.27	10.42	1.56	ppb
Boron	11-1	10.41	11.04	10.25	10.57	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	-0.01	0.01	167.37	ppb
Cadmium	106-1	0.98	2.63	1.52	1.71	49.02	ppb
Cadmium	108-1	0.02	0.10	0.19	0.10	84.30	ppb
Calcium	43-1	2.36	3.03	3.87	3.09	24.44	ppb
Calcium	44-1	1.89	1.38	1.92	1.73	17.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.07	0.05	0.06	19.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	1.05	1.04	2.17	1.42	45.87	ppb
Iron	56-2	0.87	1.20	1.02	1.03	15.82	ppb
Iron	57-2	0.32	-0.04	0.19	0.16	115.77	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.05	0.05	27.62	ppb
Lead	207-1	0.06	0.08	0.05	0.07	20.75	ppb
Lead	208-1	0.05	0.05	0.04	0.05	8.23	ppb
Lithium	6-1				118		%
Magnesium	24-2	1.51	0.91	1.30	1.24	24.48	ppb
Manganese	55-2	0.01	0.03	-0.01	0.01	215.67	ppb
Molybdenum	94-1	0.06	0.08	0.06	0.07	22.13	ppb
Molybdenum	95-1	0.06	0.06	0.04	0.05	20.48	ppb
Molybdenum	96-1	0.16	0.16	0.13	0.15	12.39	ppb
Molybdenum	97-1	0.09	0.05	0.04	0.06	47.62	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	21.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.02	0.03	27.28	ppb
Phosphorus	31-2	-4.96	-0.22	-4.02	-3.07		ppb
Potassium	39-2	-3.94	-7.44	-1.51	-4.30		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	-0.83	0.11	-0.40	-0.37		ppb
Selenium	77-2	0.00	0.64	0.00	0.21	173.21	ppb
Selenium	78-2	0.30	0.76	-0.28	0.26	200.52	ppb
Silicon	28-1	-0.84	-0.87	-0.69	-0.80		ppb
Silver	107-1	0.04	0.04	0.03	0.04	24.61	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.19	ppb
Sodium	23-2	4.68	4.73	7.66	5.69	30.02	ppb
Strontium	86-1	-0.27	-0.09	-0.32	-0.23		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	43.77	ppb
Sulfur	34-1	-958.33	-973.33	-903.33	-945.00		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	0.00	0.02	0.04	0.02	92.01	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.07	0.05	0.07	33.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.12	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	165.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	0.24	-0.06	0.14	0.11	140.58	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P8
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:35:37	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9201.82	9220.32	9288.40	9236.85	0.49	ppb
Antimony	121-1	528.17	532.16	494.55	518.29	3.99	ppb
Arsenic	75-2	508.57	514.81	524.93	516.10	1.60	ppb
Barium	135-1	2618.98	2568.19	2479.46	2555.55	2.76	ppb
Barium	137-1	2648.17	2522.99	2479.24	2550.13	3.44	ppb
Beryllium	9-1	536.16	514.86	523.35	524.79	2.04	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	476.56	509.02	517.98	501.19	4.35	ppb
Boron	11-1	490.21	524.08	508.76	507.68	3.34	ppb
Bromine	81-1						cps
Cadmium	111-1	511.96	501.94	499.76	504.55	1.29	ppb
Cadmium	106-1	533.60	521.58	491.90	515.70	4.16	ppb
Cadmium	108-1	540.17	521.70	507.16	523.01	3.16	ppb
Calcium	43-1	52057.80	53195.03	51300.22	52184.35	1.83	ppb
Calcium	44-1	49894.15	51642.18	50579.28	50705.20	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.32	473.72	480.29	477.78	0.74	ppb
Cobalt	59-2	498.18	528.95	515.74	514.29	3.00	ppb
Copper	63-2	5189.55	5118.73	5101.60	5136.63	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	26805.20	27366.24	26537.04	26902.83	1.57	ppb
Iron	56-2	25768.58	25835.23	25037.44	25547.08	1.73	ppb
Iron	57-2	24190.42	24679.76	24581.72	24483.97	1.06	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P8
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:35:37	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2568.79	2542.91	2512.93	2541.55	1.10	ppb
Lead	207-1	2564.44	2533.88	2441.24	2513.19	2.55	ppb
Lead	208-1	2576.59	2525.47	2488.44	2530.17	1.75	ppb
Lithium	6-1				118		%
Magnesium	24-2	53360.61	52169.51	53641.56	53057.22	1.47	ppb
Manganese	55-2	5039.27	5143.38	4951.00	5044.55	1.91	ppb
Molybdenum	94-1	5305.92	5257.88	5294.73	5286.18	0.48	ppb
Molybdenum	95-1	5303.74	5190.34	5267.62	5253.90	1.10	ppb
Molybdenum	96-1	5249.21	5285.05	5267.42	5267.23	0.34	ppb
Molybdenum	97-1	5151.33	5236.00	5269.83	5219.05	1.17	ppb
Molybdenum	98-1	5064.96	5118.88	5130.57	5104.81	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.57	501.90	505.77	504.08	0.39	ppb
Phosphorus	31-2	10054.55	10143.21	10281.88	10159.88	1.13	ppb
Potassium	39-2	24934.10	25217.85	24925.81	25025.92	0.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	513.88	535.33	523.52	524.24	2.05	ppb
Selenium	77-2	503.27	513.47	530.88	515.88	2.71	ppb
Selenium	78-2	514.24	518.24	529.69	520.72	1.54	ppb
Silicon	28-1	530.98	537.63	532.91	533.84	0.64	ppb
Silver	107-1	540.77	537.03	502.80	526.87	3.97	ppb
Silver	109-1	554.19	523.43	519.58	532.40	3.56	ppb
Sodium	23-2	50832.20	51629.31	50954.84	51138.79	0.84	ppb
Strontium	86-1	514.04	543.99	512.11	523.38	3.41	ppb
Strontium	88-1	512.98	526.59	498.06	512.54	2.78	ppb
Sulfur	34-1	11724.73	12159.36	12201.54	12028.54	2.19	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	519.12	505.79	519.02	514.64	1.49	ppb
Thallium	205-1	516.13	511.90	504.55	510.86	1.15	ppb
Tin	118-1	531.00	529.41	502.55	520.99	3.07	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P8
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:35:37	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5165.39	5236.33	5140.27	5180.67	0.96	ppb
Uranium	238-1	500.34	499.13	505.38	501.61	0.66	ppb
Vanadium	51-2	475.49	478.46	480.18	478.04	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	5289.17	5191.14	5094.63	5191.65	1.87	ppb
Zirconium	90-1	520.21	514.16	526.84	520.40	1.22	ppb
Zirconium	91-1	526.02	529.63	524.45	526.70	0.50	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48735.14	48574.23	48151.18	48486.85	0.62	ppb
Antimony	121-1	501.13	502.48	519.15	507.59	1.98	ppb
Arsenic	75-2	483.80	480.56	482.01	482.12	0.34	ppb
Barium	135-1	2436.66	2429.91	2502.85	2456.47	1.64	ppb
Barium	137-1	2477.58	2450.35	2464.52	2464.15	0.55	ppb
Beryllium	9-1	505.39	510.85	528.44	514.89	2.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	510.34	523.70	589.94	541.33	7.88	ppb
Boron	11-1	508.88	502.84	560.25	523.99	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	482.60	471.48	474.71	476.26	1.20	ppb
Cadmium	106-1	497.54	488.53	505.58	497.22	1.71	ppb
Cadmium	108-1	483.16	479.35	494.29	485.60	1.60	ppb
Calcium	43-1	228548.54	242256.22	248120.50	239641.75	4.19	ppb
Calcium	44-1	230922.76	239182.73	245160.85	238422.11	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.54	473.26	478.60	476.13	0.57	ppb
Cobalt	59-2	496.58	499.31	493.95	496.61	0.54	ppb
Copper	63-2	5145.64	5050.94	5121.41	5106.00	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	125781.79	125098.50	130691.43	127190.57	2.40	ppb
Iron	56-2	125889.66	121793.76	124684.01	124122.47	1.70	ppb
Iron	57-2	128864.08	127486.22	125991.19	127447.16	1.13	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2440.64	2552.09	2643.96	2545.56	4.00	ppb
Lead	207-1	2429.46	2581.29	2618.78	2543.18	3.94	ppb
Lead	208-1	2437.28	2542.36	2597.44	2525.69	3.22	ppb
Lithium	6-1				118		%
Magnesium	24-2	251279.60	251820.04	260280.64	254460.09	1.98	ppb
Manganese	55-2	4934.33	4851.55	5118.70	4968.19	2.75	ppb
Molybdenum	94-1	5164.90	5164.52	5061.07	5130.17	1.17	ppb
Molybdenum	95-1	5094.66	5139.29	5137.36	5123.77	0.49	ppb
Molybdenum	96-1	5072.50	5064.20	5100.95	5079.22	0.38	ppb
Molybdenum	97-1	5039.56	4979.83	5068.09	5029.16	0.90	ppb
Molybdenum	98-1	5002.66	4928.55	5097.31	5009.51	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.46	522.45	515.41	520.77	0.91	ppb
Phosphorus	31-2	10367.26	10007.50	9958.35	10111.04	2.21	ppb
Potassium	39-2	122871.48	124275.60	123582.41	123576.50	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	501.93	482.99	510.01	498.31	2.78	ppb
Selenium	77-2	521.08	512.41	547.54	527.01	3.47	ppb
Selenium	78-2	524.39	506.07	515.33	515.26	1.78	ppb
Silicon	28-1	524.32	530.62	532.43	529.12	0.80	ppb
Silver	107-1	493.16	480.53	500.62	491.44	2.07	ppb
Silver	109-1	493.91	500.08	496.88	496.96	0.62	ppb
Sodium	23-2	253676.33	250876.56	259197.51	254583.47	1.66	ppb
Strontium	86-1	500.99	504.17	512.37	505.84	1.16	ppb
Strontium	88-1	487.93	504.68	503.66	498.76	1.88	ppb
Sulfur	34-1	10930.14	11433.36	11546.83	11303.44	2.90	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	495.08	516.33	514.15	508.52	2.30	ppb
Thallium	205-1	501.21	509.01	514.37	508.19	1.30	ppb
Tin	118-1	490.75	489.73	496.02	492.17	0.69	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4945.81	4985.20	5065.32	4998.78	1.22	ppb
Uranium	238-1	511.18	510.10	517.20	512.83	0.75	ppb
Vanadium	51-2	482.11	478.31	482.72	481.05	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	5088.13	4967.68	5157.93	5071.25	1.90	ppb
Zirconium	90-1	507.16	498.65	506.42	504.07	0.94	ppb
Zirconium	91-1	529.13	504.95	518.56	517.54	2.34	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.39	-0.31	-0.40		ppb
Antimony	121-1	0.03	0.04	0.04	0.04	5.70	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.02		ppb
Barium	135-1	0.01	0.01	-0.01	0.00	204.66	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	51.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	6.97	6.67	6.25	6.63	5.43	ppb
Boron	11-1	7.31	6.78	6.32	6.80	7.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.02	0.00	0.01	59.07	ppb
Cadmium	106-1	0.60	1.79	1.18	1.19	49.97	ppb
Cadmium	108-1	0.07	0.07	0.07	0.07	3.96	ppb
Calcium	43-1	0.13	-1.61	-0.55	-0.67		ppb
Calcium	44-1	-1.26	-1.35	-1.21	-1.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.01	0.00	366.74	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.02	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	-0.02	0.99	-0.37	0.20	357.46	ppb
Iron	56-2	0.29	0.64	0.42	0.45	39.20	ppb
Iron	57-2	1.99	1.63	-1.14	0.83	207.03	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	10.13	ppb
Lead	207-1	0.05	0.07	0.09	0.07	28.23	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.98	ppb
Lithium	6-1				114		%
Magnesium	24-2	0.75	0.87	0.26	0.62	51.51	ppb
Manganese	55-2	-0.03	-0.05	-0.05	-0.04		ppb
Molybdenum	94-1	0.05	0.04	0.09	0.06	41.44	ppb
Molybdenum	95-1	0.07	0.01	0.00	0.03	134.75	ppb
Molybdenum	96-1	0.15	0.10	0.11	0.12	23.47	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	31.82	ppb
Molybdenum	98-1	0.08	0.04	0.05	0.06	35.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-13.95	-0.26	-18.60	-10.94		ppb
Potassium	39-2	-9.57	3.09	-4.70	-3.73		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	0.48	-0.13	-0.43	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	0.13	0.13	0.17	39.24	ppb
Silicon	28-1	-0.52	-0.81	-0.67	-0.67		ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.26	ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.99	ppb
Sodium	23-2	4.98	9.98	6.36	7.11	36.33	ppb
Strontium	86-1	-0.22	-0.29	-0.08	-0.20		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	165.82	ppb
Sulfur	34-1	-592.29	-670.01	-611.03	-624.44		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.04	-0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	135.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	-0.43	-0.35	-0.43	-0.40		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	145.95	ppb
Zirconium	91-1	-0.01	0.00	0.02	0.00	339.23	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.61	-0.71	-0.64	-0.65		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	38.20	ppb
Arsenic	75-2	-0.02	-0.03	0.02	-0.01		ppb
Barium	135-1	0.01	-0.01	0.00	0.00	397.08	ppb
Barium	137-1	0.00	0.00	0.00	0.00	185.39	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	78.17	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	4.68	4.67	5.75	5.03	12.36	ppb
Boron	11-1	4.96	5.59	5.80	5.45	8.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.00	0.01	0.01	118.74	ppb
Cadmium	106-1	3.16	2.91	2.90	2.99	4.84	ppb
Cadmium	108-1	-0.04	0.06	-0.06	-0.01		ppb
Calcium	43-1	-1.22	-0.84	-0.80	-0.95		ppb
Calcium	44-1	-1.85	-1.63	-1.71	-1.73		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	0.00	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	-0.03	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	-0.67	-0.47	-0.15	-0.43		ppb
Iron	56-2	0.21	0.15	0.07	0.14	48.99	ppb
Iron	57-2	-0.54	-1.45	0.14	-0.62		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.04	0.05	20.07	ppb
Lead	207-1	0.05	0.03	0.05	0.04	30.58	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.59	ppb
Lithium	6-1				116		%
Magnesium	24-2	0.49	-0.03	-0.03	0.14	207.91	ppb
Manganese	55-2	-0.05	-0.05	-0.04	-0.05		ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	141.79	ppb
Molybdenum	96-1	0.10	0.09	0.05	0.08	28.24	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	60.14	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	12.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-2.33	-15.88	-13.54	-10.58		ppb
Potassium	39-2	4.65	-1.19	1.60	1.69	173.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.12	0.58	-0.01	0.23	133.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.97	0.47	0.66	0.70	36.58	ppb
Silicon	28-1	-0.69	-0.77	-0.59	-0.68		ppb
Silver	107-1	0.02	0.02	0.01	0.02	21.00	ppb
Silver	109-1	0.03	0.02	0.03	0.03	9.74	ppb
Sodium	23-2	6.59	6.91	6.84	6.78	2.43	ppb
Strontium	86-1	-0.25	-0.08	-0.02	-0.12		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-573.77	-587.55	-315.96	-492.43		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.04	-0.06	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	280.23	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	158.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	-0.58	-0.65	-0.62	-0.61		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9441.83	9275.92	9320.99	9346.25	0.92	ppb
Antimony	121-1	508.13	529.71	519.01	518.95	2.08	ppb
Arsenic	75-2	505.66	513.56	517.47	512.23	1.18	ppb
Barium	135-1	2513.97	2578.31	2522.57	2538.28	1.38	ppb
Barium	137-1	2547.06	2593.72	2500.92	2547.23	1.82	ppb
Beryllium	9-1	537.86	530.49	519.37	529.24	1.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	478.08	497.63	491.32	489.01	2.04	ppb
Boron	11-1	475.90	526.61	475.91	492.81	5.94	ppb
Bromine	81-1						cps
Cadmium	111-1	511.48	519.84	490.71	507.34	2.96	ppb
Cadmium	106-1	527.56	523.67	507.43	519.55	2.06	ppb
Cadmium	108-1	529.70	521.46	521.96	524.37	0.88	ppb
Calcium	43-1	50447.24	51559.68	50815.13	50940.68	1.11	ppb
Calcium	44-1	49969.79	52042.38	49744.09	50585.42	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.76	486.79	488.17	486.91	0.25	ppb
Cobalt	59-2	519.24	524.51	510.91	518.22	1.32	ppb
Copper	63-2	5155.76	5098.11	5330.34	5194.74	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	27573.32	27259.18	27293.03	27375.18	0.63	ppb
Iron	56-2	25734.55	25506.76	25577.96	25606.42	0.46	ppb
Iron	57-2	24537.43	24217.73	24639.13	24464.76	0.90	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2537.52	2550.32	2583.62	2557.15	0.93	ppb
Lead	207-1	2541.26	2556.10	2526.66	2541.34	0.58	ppb
Lead	208-1	2542.59	2553.98	2537.48	2544.68	0.33	ppb
Lithium	6-1				117		%
Magnesium	24-2	53931.91	54110.59	53070.04	53704.18	1.04	ppb
Manganese	55-2	5050.22	5024.99	5116.93	5064.05	0.94	ppb
Molybdenum	94-1	5461.90	5241.60	5034.71	5246.07	4.07	ppb
Molybdenum	95-1	5504.11	5228.21	5046.99	5259.77	4.38	ppb
Molybdenum	96-1	5484.94	5290.70	5060.82	5278.82	4.02	ppb
Molybdenum	97-1	5392.29	5213.11	4957.91	5187.77	4.21	ppb
Molybdenum	98-1	5332.43	5129.23	4900.05	5120.57	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.85	505.45	525.38	515.23	1.93	ppb
Phosphorus	31-2	10266.40	9858.90	10327.96	10151.09	2.51	ppb
Potassium	39-2	25380.48	24929.70	25939.34	25416.51	1.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	539.22	524.14	507.97	523.78	2.98	ppb
Selenium	77-2	496.24	548.84	501.45	515.51	5.62	ppb
Selenium	78-2	514.15	529.66	520.63	521.48	1.49	ppb
Silicon	28-1	503.56	511.62	499.50	504.89	1.22	ppb
Silver	107-1	534.82	537.72	529.75	534.10	0.76	ppb
Silver	109-1	552.78	537.93	513.03	534.58	3.76	ppb
Sodium	23-2	51870.02	52914.57	51349.17	52044.59	1.53	ppb
Strontium	86-1	548.25	527.02	508.56	527.95	3.76	ppb
Strontium	88-1	521.76	517.29	509.35	516.13	1.22	ppb
Sulfur	34-1	12497.40	12483.60	12173.43	12384.81	1.48	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	503.95	503.14	521.67	509.59	2.06	ppb
Thallium	205-1	497.92	499.11	504.99	500.67	0.76	ppb
Tin	118-1	524.62	524.19	519.28	522.69	0.57	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5231.98	5302.76	5241.24	5258.66	0.73	ppb
Uranium	238-1	493.47	489.39	487.21	490.02	0.65	ppb
Vanadium	51-2	480.31	482.77	482.94	482.01	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	4991.66	5208.28	5245.33	5148.42	2.66	ppb
Zirconium	90-1	522.37	515.03	505.04	514.14	1.69	ppb
Zirconium	91-1	537.70	519.48	507.18	521.46	2.94	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48254.05	47930.35	48548.89	48244.43	0.64	ppb
Antimony	121-1	530.70	505.91	492.23	509.61	3.83	ppb
Arsenic	75-2	486.72	479.95	492.77	486.48	1.32	ppb
Barium	135-1	2640.35	2574.81	2473.21	2562.79	3.29	ppb
Barium	137-1	2557.94	2541.71	2467.02	2522.23	1.92	ppb
Beryllium	9-1	525.28	517.67	488.13	510.36	3.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	552.58	570.76	530.37	551.24	3.67	ppb
Boron	11-1	548.61	559.89	543.53	550.67	1.52	ppb
Bromine	81-1						cps
Cadmium	111-1	488.65	456.66	447.05	464.12	4.69	ppb
Cadmium	106-1	497.02	475.73	480.48	484.41	2.31	ppb
Cadmium	108-1	504.97	493.00	480.39	492.78	2.49	ppb
Calcium	43-1	262765.30	238865.03	247504.82	249711.72	4.85	ppb
Calcium	44-1	263795.19	235097.41	246034.18	248308.93	5.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.46	475.23	467.75	467.81	1.58	ppb
Cobalt	59-2	481.12	507.24	483.59	490.65	2.94	ppb
Copper	63-2	4694.26	4986.96	4867.36	4849.52	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	123675.40	131542.34	125383.89	126867.21	3.26	ppb
Iron	56-2	119884.82	127280.36	123768.28	123644.48	2.99	ppb
Iron	57-2	124281.43	128118.28	126982.04	126460.58	1.56	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2677.31	2543.72	2491.73	2570.92	3.72	ppb
Lead	207-1	2610.10	2541.13	2488.00	2546.41	2.40	ppb
Lead	208-1	2648.68	2558.00	2480.36	2562.35	3.29	ppb
Lithium	6-1				119		%
Magnesium	24-2	254749.77	254298.72	251879.65	253642.71	0.61	ppb
Manganese	55-2	4738.95	5161.65	4924.83	4941.81	4.29	ppb
Molybdenum	94-1	5285.84	5124.01	4954.05	5121.30	3.24	ppb
Molybdenum	95-1	5223.15	5090.13	4868.43	5060.57	3.54	ppb
Molybdenum	96-1	5290.70	5083.89	4953.01	5109.20	3.33	ppb
Molybdenum	97-1	5238.50	5065.40	4856.55	5053.48	3.78	ppb
Molybdenum	98-1	5248.91	4957.19	4799.91	5002.00	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.25	490.20	493.65	489.70	0.86	ppb
Phosphorus	31-2	9953.50	9997.86	10021.63	9991.00	0.35	ppb
Potassium	39-2	120333.52	123291.18	122111.55	121912.08	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	494.52	479.13	476.42	483.36	2.02	ppb
Selenium	77-2	503.79	485.21	494.27	494.42	1.88	ppb
Selenium	78-2	484.49	478.32	489.23	484.01	1.13	ppb
Silicon	28-1	588.19	525.70	543.35	552.41	5.83	ppb
Silver	107-1	494.33	486.25	483.14	487.90	1.18	ppb
Silver	109-1	521.87	479.44	480.42	493.91	4.90	ppb
Sodium	23-2	256054.46	251672.87	252810.12	253512.48	0.90	ppb
Strontium	86-1	542.57	505.00	506.83	518.13	4.09	ppb
Strontium	88-1	530.62	507.63	492.78	510.34	3.74	ppb
Sulfur	34-1	13173.07	11126.86	11347.98	11882.64	9.45	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	548.14	513.44	509.78	523.79	4.04	ppb
Thallium	205-1	536.38	506.52	508.27	517.06	3.24	ppb
Tin	118-1	531.06	497.89	490.81	506.59	4.24	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5402.07	4934.23	5091.31	5142.54	4.63	ppb
Uranium	238-1	543.98	521.89	536.73	534.20	2.11	ppb
Vanadium	51-2	468.68	477.12	481.07	475.62	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	4695.64	4818.17	4752.09	4755.30	1.29	ppb
Zirconium	90-1	533.59	504.73	505.29	514.54	3.21	ppb
Zirconium	91-1	528.69	511.77	502.77	514.41	2.56	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:36:57	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.36	-0.60	-0.38		ppb
Antimony	121-1	0.08	0.10	0.07	0.08	16.84	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	137.53	ppb
Barium	135-1	0.02	0.03	0.02	0.02	24.92	ppb
Barium	137-1	0.02	0.02	0.00	0.01	105.61	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	50.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	19.70	16.59	15.64	17.31	12.28	ppb
Boron	11-1	20.05	16.68	16.12	17.62	12.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	0.01	0.01	89.94	ppb
Cadmium	106-1	-1.03	0.20	1.62	0.26	506.49	ppb
Cadmium	108-1	0.15	0.02	0.04	0.07	99.58	ppb
Calcium	43-1	2.39	-0.06	0.30	0.87	151.57	ppb
Calcium	44-1	2.58	-0.39	-0.41	0.59	291.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.04	-0.08	-0.06		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.00	0.02	0.01	78.24	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				107		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	54-2	0.84	0.46	-0.09	0.40	115.41	ppb
Iron	56-2	0.60	0.39	0.55	0.51	21.18	ppb
Iron	57-2	0.25	0.07	1.73	0.68	133.18	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:36:57	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.07	0.09	37.42	ppb
Lead	207-1	0.12	0.07	0.10	0.10	27.21	ppb
Lead	208-1	0.12	0.07	0.08	0.09	28.67	ppb
Lithium	6-1				117		%
Magnesium	24-2	1.19	1.15	0.93	1.09	12.67	ppb
Manganese	55-2	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	94-1	0.13	0.04	0.05	0.07	69.38	ppb
Molybdenum	95-1	0.14	0.07	0.05	0.09	56.07	ppb
Molybdenum	96-1	0.22	0.18	0.11	0.17	35.04	ppb
Molybdenum	97-1	0.16	0.05	0.06	0.09	68.14	ppb
Molybdenum	98-1	0.15	0.07	0.07	0.10	49.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.00	0.01	154.00	ppb
Phosphorus	31-2	3.49	-10.14	-16.61	-7.75		ppb
Potassium	39-2	3.72	-4.02	1.40	0.37	1081.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	0.07	-0.49	-0.19	-0.20		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.12	-0.49	-0.59	-0.73		ppb
Silicon	28-1	0.43	-0.55	-0.72	-0.28		ppb
Silver	107-1	0.06	0.05	0.04	0.05	13.85	ppb
Silver	109-1	0.06	0.05	0.04	0.05	19.51	ppb
Sodium	23-2	26.71	26.08	23.61	25.47	6.44	ppb
Strontium	86-1	0.30	-0.13	-0.09	0.02	987.35	ppb
Strontium	88-1	0.01	0.00	0.01	0.00	35.01	ppb
Sulfur	34-1	-206.63	-906.83	-986.94	-700.13		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.00	-0.01	0.01	238.96	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:36:57	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.04	0.06	0.06	44.78	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	101.37	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	687.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	-0.30	-0.33	-0.50	-0.37		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	119.07	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	410.78	ppb

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	95	101	100	4.04	cps
Antimony	121-1	25	42	42	36	26.65	cps
Arsenic	75-2	10	2	8	7	62.45	cps
Barium	135-1	8	33	33	25	57.74	cps
Barium	137-1	25	25	58	36	53.29	cps
Beryllium	9-1	46	50	72	56	25.00	cps
Bismuth	209-1	6233402	6077592	6114864	6141952	1.32	cps
Bismuth	209-2	2783721	2737616	2841180	2787506	1.86	cps
Boron	10-1	2476	2444	2492	2470	0.99	cps
Boron	11-1	10818	10902	10598	10773	1.46	cps
Bromine	81-1	40530	39547	41524	40534	2.44	cps
Cadmium	111-1	33	29	57	40	38.13	cps
Cadmium	106-1	3109	2884	3317	3103	6.99	cps
Cadmium	108-1	63	42	38	47	28.36	cps
Calcium	43-1	220	219	189	209	8.46	cps
Calcium	44-1	6511	6213	6328	6351	2.36	cps
Carbon	12-1	4522545	4428318	4431465	4460776	1.20	cps
Carbon	12-2	47269	46249	45630	46383	1.78	cps
Chlorine	35-1	222628	223397	223515	223180	0.22	cps
Chlorine	35-2	1850	1867	1850	1856	0.52	cps
Chromium	52-2	907	893	867	889	2.29	cps
Cobalt	59-2	77	77	60	71	13.53	cps
Copper	63-2	543	597	560	567	4.82	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	92	67	42	67	37.50	cps
Gadolinium	160-2	47	67	67	60	19.24	cps
Holmium	165-1	10194273	10290645	9936847	10140588	1.80	cps
Holmium	165-2	4064363	4065527	4022396	4050762	0.61	cps
Indium	115-1	9217615	9194609	8939758	9117328	1.69	cps
Indium	115-2	1378380	1371130	1391770	1380427	0.76	cps
Iron	54-2	422	583	539	515	16.16	cps
Iron	56-2	3439	3923	3634	3665	6.64	cps
Iron	57-2	117	211	200	176	29.34	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4435	4619	4513	4522	2.04	cps
Lead	206-1	728	806	722	752	6.20	cps
Lead	207-1	678	611	722	670	8.34	cps
Lead	208-1	3134	3128	3300	3187	3.07	cps
Lithium	6-1	3959809	3997098	4005716	3987541	0.61	cps
Magnesium	24-2	275	192	267	244	18.78	cps
Manganese	55-2	123	90	60	91	34.78	cps
Molybdenum	94-1	283	183	133	200	38.19	cps
Molybdenum	95-1	83	67	58	69	18.33	cps
Molybdenum	96-1	342	350	258	317	16.01	cps
Molybdenum	97-1	33	67	17	39	65.47	cps
Molybdenum	98-1	175	133	117	142	21.21	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	50	30	37	39	26.18	cps
Phosphorus	31-2	117	67	75	86	31.11	cps
Potassium	39-2	17044	17194	17578	17272	1.59	cps
Rhodium	103-1	8712733	8492265	8676670	8627223	1.37	cps
Rhodium	103-2	3478893	3364372	3409861	3417709	1.69	cps
Scandium	45-1	6426733	6333626	6264646	6341668	1.28	cps
Scandium	45-2	192994	196103	201922	197006	2.30	cps
Selenium	82-1	-23	55	-35	-1	-5828.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	99	97	107	101	5.24	cps
Silicon	28-1	401830	404273	396076	400727	1.05	cps
Silver	107-1	83	142	108	111	26.34	cps
Silver	109-1	83	33	50	56	45.83	cps
Sodium	23-2	12406	12339	12923	12556	2.55	cps
Strontium	86-1	7319	7385	7202	7302	1.27	cps
Strontium	88-1	108	83	150	114	29.57	cps
Sulfur	34-1	236590	240546	239590	238909	0.86	cps
Terbium	159-1	11223562	10395670	10865173	10828135	3.83	cps
Terbium	159-2	4013224	4213995	4109230	4112149	2.44	cps
Thallium	203-1	592	792	558	647	19.50	cps
Thallium	205-1	1775	1558	1600	1645	6.99	cps
Tin	118-1	725	683	783	731	6.88	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:16:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	167	233	192	18.95	cps
Uranium	238-1	42	17	17	25	57.73	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	92	67	42	67	37.50	cps
Ytterbium	172-2	22	28	22	24	13.33	cps
Ytterbium	176-1	1083	1192	950	1075	11.26	cps
Ytterbium	176-2	4317	4462	4745	4508	4.83	cps
Yttrium	89-1	15316662	15411183	15079381	15269075	1.12	cps
Yttrium	89-2	1756382	1746006	1741109	1747832	0.45	cps
Zinc	66-2	233	276	299	269	12.58	cps
Zirconium	90-1	633	567	575	592	6.14	cps
Zirconium	91-1	167	108	108	128	26.35	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1236	1202	1289	1242	3.50	cps
Antimony	121-1	12231	11997	12648	12292	2.68	cps
Arsenic	75-2	240	243	223	235	4.59	cps
Barium	135-1	17412	17462	16177	17017	4.28	cps
Barium	137-1	28723	29691	30452	29622	2.93	cps
Beryllium	9-1	2578	2522	2490	2530	1.76	cps
Bismuth	209-1	6370898	6343672	6160481	6291684	1.82	cps
Bismuth	209-2	2702924	2865661	2900058	2822881	3.73	cps
Boron	10-1	9345	10088	9951	9795	4.04	cps
Boron	11-1	41882	42860	43384	42709	1.78	cps
Bromine	81-1	42940	41184	43072	42399	2.49	cps
Cadmium	111-1	2079	2024	1950	2018	3.22	cps
Cadmium	106-1	4217	3859	3717	3931	6.56	cps
Cadmium	108-1	221	229	250	233	6.44	cps
Calcium	43-1	13456	13224	12917	13199	2.05	cps
Calcium	44-1	214831	212611	212714	213386	0.59	cps
Carbon	12-1	4610973	4622255	4625427	4619552	0.16	cps
Carbon	12-2	48355	46282	48732	47790	2.76	cps
Chlorine	35-1	182069	172809	173314	176064	2.96	cps
Chlorine	35-2	1383	1375	1375	1378	0.35	cps
Chromium	52-2	4738	4697	4557	4664	2.03	cps
Cobalt	59-2	3340	3184	3287	3270	2.44	cps
Copper	63-2	5695	5765	5541	5667	2.02	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-1	67	33	83	61	41.67	cps
Gadolinium	160-2	73	47	77	66	25.08	cps
Holmium	165-1	10689372	10416283	10366414	10490690	1.66	cps
Holmium	165-2	4038799	4145879	4176893	4120523	1.76	cps
Indium	115-1	9373330	9365477	9262723	9333843	0.66	cps
Indium	115-2	1365943	1412358	1393192	1390498	1.68	cps
Iron	54-2	5129	4668	4801	4866	4.88	cps
Iron	56-2	81930	81388	80007	81108	1.22	cps
Iron	57-2	1956	2156	2239	2117	6.88	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4614	4649	4621	4628	0.40	cps
Lead	206-1	5473	5618	5646	5579	1.66	cps
Lead	207-1	4890	4851	4845	4862	0.50	cps
Lead	208-1	22341	22241	22013	22199	0.76	cps
Lithium	6-1	4190222	4288557	4033991	4170923	3.08	cps
Magnesium	24-2	83859	78571	76486	79639	4.77	cps
Manganese	55-2	1167	1160	1090	1139	3.73	cps
Molybdenum	94-1	16210	16544	15743	16165	2.49	cps
Molybdenum	95-1	18630	20407	19230	19422	4.66	cps
Molybdenum	96-1	21476	21117	21601	21398	1.17	cps
Molybdenum	97-1	11639	12423	11955	12006	3.29	cps
Molybdenum	98-1	30309	32205	30902	31138	3.11	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	953	907	980	947	3.92	cps
Phosphorus	31-2	167	183	142	164	12.80	cps
Potassium	39-2	83391	81338	81279	82003	1.47	cps
Rhodium	103-1	8598605	8771782	8691390	8687259	1.00	cps
Rhodium	103-2	3415182	3429010	3411524	3418572	0.27	cps
Scandium	45-1	6729981	6516639	6447167	6564596	2.25	cps
Scandium	45-2	201378	204035	197173	200862	1.72	cps
Selenium	82-1	756	773	736	755	2.41	cps
Selenium	77-2	20	37	27	28	30.20	cps
Selenium	78-2	209	192	187	196	5.88	cps
Silicon	28-1	465181	476742	471245	471056	1.23	cps
Silver	107-1	10146	9070	10079	9765	6.17	cps
Silver	109-1	9378	9145	9462	9328	1.76	cps
Sodium	23-2	157647	156462	153954	156021	1.21	cps
Strontium	86-1	9996	9495	10020	9837	3.01	cps
Strontium	88-1	21834	22694	22085	22204	1.99	cps
Sulfur	34-1	245309	246189	244521	245340	0.34	cps
Terbium	159-1	11308277	10723559	10875164	10969000	2.77	cps
Terbium	159-2	4188958	4096364	4105470	4130264	1.24	cps
Thallium	203-1	6510	6418	6677	6535	2.01	cps
Thallium	205-1	15535	14825	15118	15159	2.35	cps
Tin	118-1	30535	29933	30593	30354	1.20	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:28:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6477	6060	6051	6196	3.92	cps
Uranium	238-1	19357	17504	18088	18317	5.17	cps
Vanadium	51-2	7695	7796	7649	7713	0.97	cps
Ytterbium	172-1	67	100	75	81	21.53	cps
Ytterbium	172-2	22	33	22	26	24.74	cps
Ytterbium	176-1	1258	1317	1242	1272	3.10	cps
Ytterbium	176-2	4006	4601	4412	4340	7.00	cps
Yttrium	89-1	15786784	15763182	15616294	15722087	0.59	cps
Yttrium	89-2	1722985	1714393	1733391	1723590	0.55	cps
Zinc	66-2	980	911	1100	997	9.60	cps
Zirconium	90-1	13766	13457	13332	13518	1.65	cps
Zirconium	91-1	2925	3025	2875	2942	2.60	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65004	63770	64645	64473	0.98	cps
Antimony	121-1	336588	339045	343570	339734	1.04	cps
Arsenic	75-2	10799	10616	10378	10598	1.99	cps
Barium	135-1	462565	464528	463324	463472	0.21	cps
Barium	137-1	797733	818995	803086	806605	1.37	cps
Beryllium	9-1	126745	128129	126698	127190	0.64	cps
Bismuth	209-1	6418254	6404241	6638933	6487143	2.03	cps
Bismuth	209-2	2778813	2911608	2842461	2844294	2.34	cps
Boron	10-1	30149	31744	32594	31496	3.94	cps
Boron	11-1	130522	140178	145078	138593	5.34	cps
Bromine	81-1	43232	42609	38935	41592	5.58	cps
Cadmium	111-1	96768	99674	96394	97612	1.84	cps
Cadmium	106-1	15209	15084	14441	14911	2.76	cps
Cadmium	108-1	7886	7977	7723	7862	1.64	cps
Calcium	43-1	139375	140848	139217	139813	0.64	cps
Calcium	44-1	2355788	2368297	2200747	2308277	4.04	cps
Carbon	12-1	5042358	5151593	5094889	5096280	1.07	cps
Carbon	12-2	54109	54335	56576	55007	2.48	cps
Chlorine	35-1	176603	173482	175919	175335	0.94	cps
Chlorine	35-2	1417	1517	1292	1408	8.00	cps
Chromium	52-2	100329	99957	101223	100503	0.65	cps
Cobalt	59-2	171848	171204	171452	171501	0.19	cps
Copper	63-2	1307511	1281201	1291116	1293276	1.03	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	100	133	150	128	19.92	cps
Erbium	164-2	40	53	30	41	28.47	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	47	73	67	62	22.30	cps
Holmium	165-1	10610365	10593380	10822679	10675475	1.20	cps
Holmium	165-2	4124138	4147985	4152879	4141667	0.37	cps
Indium	115-1	9706287	9367600	9245109	9439665	2.53	cps
Indium	115-2	1394111	1400019	1402812	1398980	0.32	cps
Iron	54-2	228922	224785	220700	224802	1.83	cps
Iron	56-2	4452190	4265767	4373205	4363721	2.14	cps
Iron	57-2	101163	97443	99927	99511	1.90	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4738	4610	4550	4633	2.07	cps
Lead	206-1	1331008	1292579	1303213	1308933	1.52	cps
Lead	207-1	1118242	1125638	1122773	1122218	0.33	cps
Lead	208-1	5382003	5423939	5433687	5413210	0.51	cps
Lithium	6-1	4222346	4117907	4198266	4179506	1.31	cps
Magnesium	24-2	872615	820407	850839	847954	3.09	cps
Manganese	55-2	563430	552475	563980	559962	1.16	cps
Molybdenum	94-1	1438259	1435586	1439206	1437684	0.13	cps
Molybdenum	95-1	2070182	2078160	2035817	2061386	1.09	cps
Molybdenum	96-1	2213834	2259011	2222172	2231672	1.08	cps
Molybdenum	97-1	1244092	1241452	1225846	1237130	0.80	cps
Molybdenum	98-1	3253498	3273316	3236540	3254451	0.57	cps
Neodymium	150-1	33	40	53	42	24.12	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	45523	45667	45262	45484	0.45	cps
Phosphorus	31-2	3359	3434	3467	3420	1.62	cps
Potassium	39-2	372390	350727	374348	365822	3.58	cps
Rhodium	103-1	8966097	8919320	8709737	8865051	1.54	cps
Rhodium	103-2	3452183	3353152	3323555	3376297	2.00	cps
Scandium	45-1	6820378	6849936	6537354	6735889	2.56	cps
Scandium	45-2	206125	199916	201308	202450	1.61	cps
Selenium	82-1	8533	8818	8651	8667	1.65	cps
Selenium	77-2	273	300	310	294	6.44	cps
Selenium	78-2	985	949	915	950	3.69	cps
Silicon	28-1	3086255	3142766	3002193	3077071	2.30	cps
Silver	107-1	510048	529504	525668	521740	1.98	cps
Silver	109-1	490974	485971	499575	492173	1.40	cps
Sodium	23-2	1682247	1564243	1627086	1624526	3.63	cps
Strontium	86-1	140721	142920	136643	140095	2.27	cps
Strontium	88-1	1176477	1188311	1161602	1175464	1.14	cps
Sulfur	34-1	296150	293369	297442	295654	0.70	cps
Terbium	159-1	11399864	11031811	11211993	11214556	1.64	cps
Terbium	159-2	4155472	4133701	4248521	4179231	1.46	cps
Thallium	203-1	317973	314351	323376	318567	1.43	cps
Thallium	205-1	766083	781302	768706	772030	1.05	cps
Tin	118-1	328641	321477	317599	322572	1.74	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:31:58	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	625309	632897	623920	627375	0.77	cps
Uranium	238-1	1014099	978524	1000794	997806	1.80	cps
Vanadium	51-2	81595	81203	80686	81161	0.56	cps
Ytterbium	172-1	117	50	67	78	44.61	cps
Ytterbium	172-2	28	22	33	28	20.00	cps
Ytterbium	176-1	2667	2492	2459	2539	4.41	cps
Ytterbium	176-2	4417	5023	5012	4818	7.19	cps
Yttrium	89-1	15821388	16283204	15996828	16033807	1.45	cps
Yttrium	89-2	1756691	1697849	1724188	1726243	1.71	cps
Zinc	66-2	171004	169785	168025	169605	0.88	cps
Zirconium	90-1	704830	720213	709147	711396	1.12	cps
Zirconium	91-1	158412	157790	156017	157406	0.79	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:35:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151995	155323	154653	153990	1.14	cps
Antimony	121-1	805065	794609	811054	803576	1.04	cps
Arsenic	75-2	24864	24528	24780	24724	0.71	cps
Barium	135-1	1137408	1130693	1108964	1125688	1.32	cps
Barium	137-1	1969227	2040334	1953384	1987648	2.33	cps
Beryllium	9-1	309579	309352	302999	307310	1.22	cps
Bismuth	209-1	6531613	6304857	7065533	6634001	5.89	cps
Bismuth	209-2	2717767	2847842	2871693	2812434	2.95	cps
Boron	10-1	73837	78826	80999	77888	4.71	cps
Boron	11-1	320835	336497	344661	333997	3.63	cps
Bromine	81-1	39105	39928	41103	40046	2.51	cps
Cadmium	111-1	231847	232243	231493	231861	0.16	cps
Cadmium	106-1	29223	29933	31378	30178	3.64	cps
Cadmium	108-1	19414	18746	18492	18884	2.52	cps
Calcium	43-1	331780	337621	331444	333615	1.04	cps
Calcium	44-1	5501375	5418679	5396764	5438940	1.01	cps
Carbon	12-1	4881259	4870188	4969694	4907047	1.11	cps
Carbon	12-2	54000	52737	51541	52760	2.33	cps
Chlorine	35-1	165306	165909	164140	165118	0.54	cps
Chlorine	35-2	1458	1358	1300	1372	5.84	cps
Chromium	52-2	237552	246064	236255	239957	2.22	cps
Cobalt	59-2	416154	408163	403455	409257	1.57	cps
Copper	63-2	3331575	3317431	3269857	3306287	0.98	cps
Dysprosium	156-1	100	58	58	72	33.31	cps
Dysprosium	156-2	10	33	30	24	51.62	cps
Erbium	164-1	92	50	83	75	29.40	cps
Erbium	164-2	30	27	40	32	21.53	cps
Gadolinium	160-1	150	83	108	114	29.57	cps
Gadolinium	160-2	40	93	77	70	38.98	cps
Holmium	165-1	10393040	10735152	11673982	10934058	6.07	cps
Holmium	165-2	3954310	4070514	4218417	4081080	3.24	cps
Indium	115-1	9241348	8780878	9860317	9294181	5.83	cps
Indium	115-2	1327022	1347445	1357189	1343885	1.15	cps
Iron	54-2	536164	531325	521658	529716	1.39	cps
Iron	56-2	10236798	10291000	10208217	10245338	0.41	cps
Iron	57-2	245985	245787	246402	246058	0.13	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:35:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4518	4511	4470	4500	0.57	cps
Lead	206-1	3423913	3490423	3429358	3447898	1.07	cps
Lead	207-1	2971250	3030548	2996812	2999536	0.99	cps
Lead	208-1	13519071	13794498	13741538	13685036	1.07	cps
Lithium	6-1	4341653	4224245	4566786	4377561	3.98	cps
Magnesium	24-2	2154021	2181873	2164125	2166673	0.65	cps
Manganese	55-2	1411543	1414860	1414719	1413707	0.13	cps
Molybdenum	94-1	3415625	3417696	3335766	3389696	1.38	cps
Molybdenum	95-1	4913541	5002230	4773540	4896437	2.35	cps
Molybdenum	96-1	5259929	5324503	5173469	5252634	1.44	cps
Molybdenum	97-1	3017019	3023389	2985424	3008611	0.68	cps
Molybdenum	98-1	7723176	7802805	7776879	7767620	0.52	cps
Neodymium	150-1	120	120	80	107	21.65	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	109408	107637	109542	108862	0.98	cps
Phosphorus	31-2	8861	8803	8619	8761	1.44	cps
Potassium	39-2	852965	842228	866072	853755	1.40	cps
Rhodium	103-1	8807212	8570912	9358835	8912320	4.54	cps
Rhodium	103-2	3261910	3281566	3363094	3302190	1.62	cps
Scandium	45-1	6815073	6367212	7099599	6760628	5.46	cps
Scandium	45-2	193121	201220	199267	197869	2.14	cps
Selenium	82-1	20509	20718	20602	20610	0.51	cps
Selenium	77-2	660	557	647	621	9.05	cps
Selenium	78-2	2118	2158	2126	2134	0.99	cps
Silicon	28-1	7161735	6995917	7016708	7058120	1.28	cps
Silver	107-1	1256909	1252598	1262460	1257322	0.39	cps
Silver	109-1	1173007	1185555	1192508	1183690	0.83	cps
Sodium	23-2	3736884	3875979	3783031	3798631	1.87	cps
Strontium	86-1	331719	339221	329121	333354	1.57	cps
Strontium	88-1	2881546	2915500	2947252	2914766	1.13	cps
Sulfur	34-1	362526	367933	362524	364327	0.86	cps
Terbium	159-1	11090270	10737267	11917346	11248294	5.38	cps
Terbium	159-2	4073682	3965997	4091967	4043882	1.68	cps
Thallium	203-1	777671	768786	765279	770579	0.83	cps
Thallium	205-1	1983970	1959674	1964612	1969419	0.65	cps
Tin	118-1	749345	757197	760923	755822	0.78	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:35:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1574393	1489283	1486654	1516777	3.29	cps
Uranium	238-1	2604999	2563960	2552394	2573784	1.07	cps
Vanadium	51-2	195955	194213	192879	194349	0.79	cps
Ytterbium	172-1	75	83	92	83	10.00	cps
Ytterbium	172-2	28	33	28	30	10.81	cps
Ytterbium	176-1	4351	4526	4751	4543	4.42	cps
Ytterbium	176-2	5140	5790	6024	5651	8.10	cps
Yttrium	89-1	15795764	15249591	17003386	16016247	5.60	cps
Yttrium	89-2	1659457	1682912	1711111	1684493	1.54	cps
Zinc	66-2	409753	403758	395923	403145	1.72	cps
Zirconium	90-1	1762370	1763933	1757905	1761403	0.18	cps
Zirconium	91-1	380311	381006	381412	380910	0.15	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325094	321492	320223	322270	0.78	cps
Antimony	121-1	1716020	1749160	1731689	1732289	0.96	cps
Arsenic	75-2	51230	51495	50287	51004	1.25	cps
Barium	135-1	2412998	2441582	2399480	2418020	0.89	cps
Barium	137-1	4080926	4181164	4204168	4155419	1.58	cps
Beryllium	9-1	632554	624476	630546	629192	0.67	cps
Bismuth	209-1	6528858	6386925	6650718	6522167	2.02	cps
Bismuth	209-2	2779089	2764936	2795666	2779897	0.55	cps
Boron	10-1	137652	147109	146787	143849	3.73	cps
Boron	11-1	582844	617007	642096	613982	4.84	cps
Bromine	81-1	38302	39116	38042	38487	1.46	cps
Cadmium	111-1	473763	474549	468609	472307	0.68	cps
Cadmium	106-1	59655	58625	59195	59159	0.87	cps
Cadmium	108-1	39975	38905	39373	39418	1.36	cps
Calcium	43-1	694382	702413	694273	697023	0.67	cps
Calcium	44-1	11398968	11339203	11044620	11260930	1.68	cps
Carbon	12-1	5317801	5541502	5600142	5486481	2.72	cps
Carbon	12-2	63865	63596	62225	63229	1.39	cps
Chlorine	35-1	165102	165571	165784	165486	0.21	cps
Chlorine	35-2	1458	1325	1608	1464	9.68	cps
Chromium	52-2	504064	494445	484930	494480	1.93	cps
Cobalt	59-2	868102	861295	854282	861226	0.80	cps
Copper	63-2	6631578	6515162	6756369	6634370	1.82	cps
Dysprosium	156-1	100	108	133	114	15.23	cps
Dysprosium	156-2	30	50	27	36	35.49	cps
Erbium	164-1	133	83	83	100	28.87	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	125	133	117	125	6.67	cps
Gadolinium	160-2	97	107	80	94	14.27	cps
Holmium	165-1	10748429	10504334	11137498	10796754	2.96	cps
Holmium	165-2	4134980	4206207	4219507	4186898	1.09	cps
Indium	115-1	9123265	9035043	9017052	9058453	0.63	cps
Indium	115-2	1357214	1349583	1355336	1354044	0.29	cps
Iron	54-2	1143266	1114885	1139840	1132664	1.37	cps
Iron	56-2	21103305	21241255	20862728	21069096	0.91	cps
Iron	57-2	503298	497821	493762	498294	0.96	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4404	4310	4541	4418	2.63	cps
Lead	206-1	7091668	6872327	7073546	7012514	1.74	cps
Lead	207-1	6218437	6001719	6029030	6083062	1.94	cps
Lead	208-1	28339723	27777429	28151142	28089431	1.02	cps
Lithium	6-1	4266459	4546305	4390147	4400970	3.19	cps
Magnesium	24-2	4456650	4417201	4489133	4454328	0.81	cps
Manganese	55-2	2978161	2960956	2963247	2967455	0.31	cps
Molybdenum	94-1	6844759	6842449	7033326	6906845	1.59	cps
Molybdenum	95-1	9934024	9997612	9987238	9972958	0.34	cps
Molybdenum	96-1	10740506	10847752	10856661	10814973	0.60	cps
Molybdenum	97-1	6028436	6116083	6177466	6107328	1.23	cps
Molybdenum	98-1	15627783	15932522	16162587	15907631	1.69	cps
Neodymium	150-1	127	153	140	140	9.52	cps
Neodymium	150-2	23	17	7	16	53.90	cps
Nickel	60-2	224956	222568	224098	223874	0.54	cps
Phosphorus	31-2	18454	19280	18546	18760	2.41	cps
Potassium	39-2	1882731	1859430	1797734	1846631	2.38	cps
Rhodium	103-1	8368638	8407491	8417469	8397866	0.31	cps
Rhodium	103-2	3371688	3278468	3309255	3319804	1.43	cps
Scandium	45-1	6533298	6451069	6494464	6492944	0.63	cps
Scandium	45-2	200868	198861	197096	198942	0.95	cps
Selenium	82-1	41803	42315	42351	42156	0.73	cps
Selenium	77-2	1227	1233	1310	1257	3.68	cps
Selenium	78-2	4302	4290	4234	4275	0.85	cps
Silicon	28-1	11352173	11362967	11270337	11328492	0.45	cps
Silver	107-1	2784344	2670560	2831417	2762107	2.99	cps
Silver	109-1	2600132	2518451	2520588	2546390	1.83	cps
Sodium	23-2	8299038	7933822	8280244	8171035	2.52	cps
Strontium	86-1	660972	677156	670679	669602	1.22	cps
Strontium	88-1	5894011	6082550	5871265	5949275	1.95	cps
Sulfur	34-1	494149	493706	491529	493128	0.28	cps
Terbium	159-1	11153280	11037051	11123235	11104522	0.54	cps
Terbium	159-2	4182406	4141895	4288522	4204274	1.80	cps
Thallium	203-1	1696067	1731987	1711679	1713244	1.05	cps
Thallium	205-1	4146725	4038227	4015925	4066959	1.72	cps
Tin	118-1	1604648	1629354	1609012	1614338	0.82	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:38:08	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3072300	3147243	3117340	3112294	1.21	cps
Uranium	238-1	5469465	5472794	5693781	5545347	2.32	cps
Vanadium	51-2	406823	405187	404147	405386	0.33	cps
Ytterbium	172-1	125	100	83	103	20.40	cps
Ytterbium	172-2	33	44	33	37	17.33	cps
Ytterbium	176-1	8570	8436	7886	8297	4.37	cps
Ytterbium	176-2	7141	7041	7041	7074	0.82	cps
Yttrium	89-1	15437268	15802606	15508599	15582824	1.24	cps
Yttrium	89-2	1738416	1718095	1696012	1717508	1.23	cps
Zinc	66-2	830294	839040	826257	831864	0.79	cps
Zirconium	90-1	3608018	3659664	3589409	3619030	1.01	cps
Zirconium	91-1	799157	788593	786076	791275	0.88	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	645263	643219	632404	640295	1.08	cps
Antimony	121-1	3450942	3583827	3437939	3490903	2.31	cps
Arsenic	75-2	101422	101757	99938	101039	0.96	cps
Barium	135-1	4906734	4977990	4837066	4907264	1.44	cps
Barium	137-1	8498917	8355033	8258626	8370859	1.44	cps
Beryllium	9-1	1290854	1319162	1322367	1310794	1.32	cps
Bismuth	209-1	6742539	6701221	6486974	6643578	2.06	cps
Bismuth	209-2	2822907	2971590	2903625	2899374	2.57	cps
Boron	10-1	311967	326538	334829	324444	3.57	cps
Boron	11-1	1315413	1306361	1427214	1349663	4.99	cps
Bromine	81-1	38724	34278	38222	37074	6.57	cps
Cadmium	111-1	945777	940832	955257	947289	0.77	cps
Cadmium	106-1	113928	111272	110803	112001	1.50	cps
Cadmium	108-1	79026	75594	74245	76288	3.23	cps
Calcium	43-1	1434079	1472630	1422299	1443003	1.82	cps
Calcium	44-1	22925929	22685555	22796865	22802783	0.53	cps
Carbon	12-1	5601508	5727549	5717414	5682157	1.23	cps
Carbon	12-2	65120	64936	63572	64543	1.31	cps
Chlorine	35-1	156894	158141	159025	158020	0.68	cps
Chlorine	35-2	1425	1525	1283	1411	8.61	cps
Chromium	52-2	974293	979216	975010	976173	0.27	cps
Cobalt	59-2	1761135	1750337	1753244	1754905	0.32	cps
Copper	63-2	13089209	13003461	12659564	12917411	1.76	cps
Dysprosium	156-1	225	192	233	217	10.18	cps
Dysprosium	156-2	90	103	83	92	11.04	cps
Erbium	164-1	100	225	200	175	37.80	cps
Erbium	164-2	40	60	70	57	26.96	cps
Gadolinium	160-1	283	242	250	258	8.53	cps
Gadolinium	160-2	130	143	150	141	7.22	cps
Holmium	165-1	11301265	11404890	10886349	11197501	2.45	cps
Holmium	165-2	4274552	4215609	4187126	4225762	1.06	cps
Indium	115-1	9289618	9338627	9177374	9268539	0.89	cps
Indium	115-2	1346730	1354065	1356511	1352435	0.38	cps
Iron	54-2	2390161	2430357	2317055	2379191	2.41	cps
Iron	56-2	42472275	42873205	40848250	42064576	2.55	cps
Iron	57-2	993549	990392	976878	986940	0.90	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4315	4625	4449	4463	3.48	cps
Lead	206-1	14978017	14565704	13939157	14494292	3.61	cps
Lead	207-1	12877308	12780777	12191234	12616440	2.94	cps
Lead	208-1	60042562	58711066	56212100	58321909	3.33	cps
Lithium	6-1	4451559	4541474	4430671	4474568	1.32	cps
Magnesium	24-2	8533322	8714763	8586351	8611479	1.08	cps
Manganese	55-2	5828194	5976702	5653949	5819615	2.78	cps
Molybdenum	94-1	14053383	13836922	13955379	13948561	0.78	cps
Molybdenum	95-1	20227653	20165112	20416582	20269782	0.65	cps
Molybdenum	96-1	22039774	21661288	21978441	21893168	0.93	cps
Molybdenum	97-1	12527505	12254351	12430398	12404085	1.12	cps
Molybdenum	98-1	33018960	31408617	32298891	32242156	2.50	cps
Neodymium	150-1	340	360	287	329	11.53	cps
Neodymium	150-2	30	23	27	27	12.51	cps
Nickel	60-2	434914	442079	433820	436938	1.03	cps
Phosphorus	31-2	36029	35737	36155	35973	0.60	cps
Potassium	39-2	3538966	3497047	3631233	3555749	1.93	cps
Rhodium	103-1	8805380	8418513	8543612	8589169	2.30	cps
Rhodium	103-2	3321927	3391624	3341810	3351787	1.07	cps
Scandium	45-1	6751734	6564947	6472584	6596422	2.16	cps
Scandium	45-2	200120	203621	200417	201386	0.96	cps
Selenium	82-1	84469	84124	84356	84316	0.21	cps
Selenium	77-2	2407	2520	2424	2450	2.50	cps
Selenium	78-2	8404	8553	8203	8387	2.10	cps
Silicon	28-1	28010630	27672264	27418159	27700351	1.07	cps
Silver	107-1	5384898	5428496	5226885	5346760	1.98	cps
Silver	109-1	5086672	5074137	4817749	4992853	3.04	cps
Sodium	23-2	15491801	15984973	15362490	15613088	2.10	cps
Strontium	86-1	1381527	1426357	1398809	1402231	1.61	cps
Strontium	88-1	11757074	12130128	11846529	11911244	1.64	cps
Sulfur	34-1	742526	748477	740638	743880	0.55	cps
Terbium	159-1	11641225	11735985	11409256	11595489	1.45	cps
Terbium	159-2	4270109	4324435	4329362	4307969	0.76	cps
Thallium	203-1	3625677	3475182	3464210	3521689	2.56	cps
Thallium	205-1	8400089	8266474	8136689	8267751	1.59	cps
Tin	118-1	3326194	3331927	3246703	3301608	1.44	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:41:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6274110	6225880	6206522	6235504	0.56	cps
Uranium	238-1	11153443	11186648	11121492	11153861	0.29	cps
Vanadium	51-2	810065	809725	778621	799471	2.26	cps
Ytterbium	172-1	125	117	75	106	25.38	cps
Ytterbium	172-2	33	50	39	41	20.83	cps
Ytterbium	176-1	15001	15092	15626	15240	2.22	cps
Ytterbium	176-2	9114	9982	9843	9646	4.83	cps
Yttrium	89-1	15821125	16142384	15750863	15904791	1.31	cps
Yttrium	89-2	1671379	1747596	1723742	1714239	2.27	cps
Zinc	66-2	1762561	1715349	1693340	1723750	2.05	cps
Zirconium	90-1	7172974	7252747	7261284	7229001	0.67	cps
Zirconium	91-1	1653378	1611379	1646965	1637241	1.38	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 15:44:17 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1355963	1338086	1340933	1344994	0.71	cps
Antimony	121-1	6767073	6837462	6813381	6805972	0.53	cps
Arsenic	75-2	202241	199586	200644	200824	0.67	cps
Barium	135-1	9602858	9655824	9666911	9641865	0.36	cps
Barium	137-1	16072287	16268512	16501771	16280857	1.32	cps
Beryllium	9-1	2527560	2478516	2601026	2535701	2.43	cps
Bismuth	209-1	6493931	6603674	6364702	6487436	1.84	cps
Bismuth	209-2	2854741	2819004	2949967	2874571	2.35	cps
Boron	10-1	611408	651090	665446	642648	4.36	cps
Boron	11-1	2486872	2714464	2710923	2637419	4.94	cps
Bromine	81-1	38363	38141	38524	38343	0.50	cps
Cadmium	111-1	1921541	1881261	1861198	1888000	1.63	cps
Cadmium	106-1	212340	213419	217574	214445	1.29	cps
Cadmium	108-1	145475	148863	147229	147189	1.15	cps
Calcium	43-1	2866504	2855946	2840806	2854419	0.45	cps
Calcium	44-1	44796146	45727998	45503093	45342412	1.07	cps
Carbon	12-1	6798313	7040438	7183024	7007258	2.78	cps
Carbon	12-2	83647	83480	83043	83390	0.37	cps
Chlorine	35-1	156616	155731	156036	156128	0.29	cps
Chlorine	35-2	1392	1283	1250	1308	5.66	cps
Chromium	52-2	2076214	2143163	2039833	2086403	2.51	cps
Cobalt	59-2	3477363	3513307	3483145	3491272	0.55	cps
Copper	63-2	25598526	26010500	25728009	25779012	0.82	cps
Dysprosium	156-1	317	433	467	406	19.42	cps
Dysprosium	156-2	127	133	157	139	11.34	cps
Erbium	164-1	200	183	175	186	6.84	cps
Erbium	164-2	63	77	63	68	11.36	cps
Gadolinium	160-1	483	383	275	381	27.38	cps
Gadolinium	160-2	210	137	210	186	22.82	cps
Holmium	165-1	11065689	11078351	11131710	11091916	0.32	cps
Holmium	165-2	4319863	4245053	4432558	4332491	2.18	cps
Indium	115-1	9138273	9244329	9260013	9214205	0.72	cps
Indium	115-2	1368571	1351433	1372217	1364074	0.81	cps
Iron	54-2	4636158	4838815	4601902	4692291	2.73	cps
Iron	56-2	83940435	84232719	84969994	84381049	0.63	cps
Iron	57-2	2176225	2149404	2150435	2158688	0.70	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:44:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4489	4489	4330	4436	2.07	cps
Lead	206-1	28542020	28073391	27937987	28184466	1.12	cps
Lead	207-1	24731655	24502146	24091087	24441629	1.33	cps
Lead	208-1	114241449	112575988	110360600	112392679	1.73	cps
Lithium	6-1	4455576	4414207	4563854	4477879	1.73	cps
Magnesium	24-2	17223560	17707250	17461382	17464064	1.38	cps
Manganese	55-2	11413987	11809841	11706770	11643533	1.76	cps
Molybdenum	94-1	27151439	27549538	27804806	27501928	1.20	cps
Molybdenum	95-1	38944518	40204947	40383775	39844413	1.97	cps
Molybdenum	96-1	41980174	43430777	43446541	42952497	1.96	cps
Molybdenum	97-1	23982721	24395750	24610787	24329753	1.31	cps
Molybdenum	98-1	63847224	65110041	65115841	64691035	1.13	cps
Neodymium	150-1	587	653	573	604	7.09	cps
Neodymium	150-2	60	50	47	52	13.28	cps
Nickel	60-2	867531	857222	857443	860732	0.68	cps
Phosphorus	31-2	70975	70162	72096	71078	1.37	cps
Potassium	39-2	7276714	6977321	7170228	7141421	2.13	cps
Rhodium	103-1	8620068	8518949	8519068	8552695	0.68	cps
Rhodium	103-2	3378444	3389103	3365107	3377551	0.36	cps
Scandium	45-1	6759847	6722360	6854791	6778999	1.01	cps
Scandium	45-2	207628	206991	210908	208509	1.01	cps
Selenium	82-1	159716	162905	163384	162002	1.23	cps
Selenium	77-2	4708	4941	4961	4870	2.89	cps
Selenium	78-2	16330	16252	16188	16257	0.44	cps
Silicon	28-1	52202411	52206419	51764123	52057651	0.49	cps
Silver	107-1	9835525	10150615	10275578	10087239	2.25	cps
Silver	109-1	9666092	9745517	9430990	9614200	1.70	cps
Sodium	23-2	31339392	32446084	32303175	32029550	1.88	cps
Strontium	86-1	2759205	2792980	2785374	2779186	0.64	cps
Strontium	88-1	23838539	24140446	23787936	23922307	0.80	cps
Sulfur	34-1	1015200	1022695	1020054	1019316	0.37	cps
Terbium	159-1	11593881	11657889	11334460	11528743	1.49	cps
Terbium	159-2	4332993	4310311	4470296	4371200	1.98	cps
Thallium	203-1	6789956	6999624	6911326	6900302	1.53	cps
Thallium	205-1	16409485	16196302	16018371	16208052	1.21	cps
Tin	118-1	6433665	6618340	6347287	6466431	2.14	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:44:17	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12088732	12195916	12575744	12286797	2.08	cps
Uranium	238-1	21897800	21883096	21334418	21705105	1.48	cps
Vanadium	51-2	1696128	1755063	1693592	1714928	2.03	cps
Ytterbium	172-1	142	158	142	147	6.54	cps
Ytterbium	172-2	61	89	61	70	22.79	cps
Ytterbium	176-1	28774	29350	29976	29367	2.05	cps
Ytterbium	176-2	14614	14875	15888	15126	4.45	cps
Yttrium	89-1	16108454	16363975	16091941	16188124	0.94	cps
Yttrium	89-2	1784371	1721635	1797068	1767691	2.28	cps
Zinc	66-2	3333240	3336401	3380156	3349933	0.78	cps
Zirconium	90-1	14314161	14693834	14328557	14445517	1.49	cps
Zirconium	91-1	3186191	3268204	3254599	3236331	1.36	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7111454	6800866	6684021	6865447	3.22	cps
Antimony	121-1	5218	5826	5851	5632	6.37	cps
Arsenic	75-2	99	89	99	96	6.03	cps
Barium	135-1	3867	3826	3701	3798	2.28	cps
Barium	137-1	7052	6377	6210	6546	6.81	cps
Beryllium	9-1	382	320	242	315	22.30	cps
Bismuth	209-1	5892172	5971133	5794078	5885794	1.51	cps
Bismuth	209-2	2607248	2668843	2594630	2623574	1.51	cps
Boron	10-1	51602	47453	45941	48332	6.06	cps
Boron	11-1	222353	204993	191506	206284	7.50	cps
Bromine	81-1	38895	39890	38985	39256	1.40	cps
Cadmium	111-1	669	726	580	658	11.15	cps
Cadmium	106-1	3776	3842	4117	3912	4.63	cps
Cadmium	108-1	117	96	129	114	14.79	cps
Calcium	43-1	13812727	14241404	13959166	14004432	1.56	cps
Calcium	44-1	219191306	226919400	225051014	223720574	1.80	cps
Carbon	12-1	5388414	5401161	5429493	5406356	0.39	cps
Carbon	12-2	66702	64660	66368	65910	1.66	cps
Chlorine	35-1	149805	153601	150839	151415	1.30	cps
Chlorine	35-2	1317	1158	1342	1272	7.81	cps
Chromium	52-2	19283	18329	18579	18730	2.64	cps
Cobalt	59-2	8966	8646	8756	8789	1.85	cps
Copper	63-2	8339	7702	8292	8111	4.38	cps
Dysprosium	156-1	758	850	925	845	9.89	cps
Dysprosium	156-2	257	227	253	246	6.70	cps
Erbium	164-1	125	83	117	108	20.35	cps
Erbium	164-2	30	10	43	28	60.40	cps
Gadolinium	160-1	542	700	525	589	16.40	cps
Gadolinium	160-2	263	297	330	297	11.24	cps
Holmium	165-1	11032064	10949059	10776809	10919311	1.19	cps
Holmium	165-2	4272631	4246955	4268272	4262619	0.32	cps
Indium	115-1	8809014	8819639	9015914	8881522	1.31	cps
Indium	115-2	1314721	1336521	1310438	1320560	1.06	cps
Iron	54-2	22225809	21388082	21875305	21829732	1.93	cps
Iron	56-2	404901953	402724231	405185276	404270487	0.33	cps
Iron	57-2	10179640	9984547	9880141	10014776	1.52	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4365	4618	4724	4569	4.03	cps
Lead	206-1	6619	6680	6296	6531	3.16	cps
Lead	207-1	5979	5979	5696	5885	2.78	cps
Lead	208-1	27184	27162	24815	26387	5.16	cps
Lithium	6-1	4172526	4154894	4227218	4184880	0.90	cps
Magnesium	24-2	83621131	80789004	81881237	82097124	1.74	cps
Manganese	55-2	5965	5441	5848	5751	4.78	cps
Molybdenum	94-1	10880	10588	9812	10426	5.29	cps
Molybdenum	95-1	12815	11964	11238	12006	6.57	cps
Molybdenum	96-1	36499	36048	35104	35884	1.98	cps
Molybdenum	97-1	8544	7919	7827	8097	4.82	cps
Molybdenum	98-1	20332	18288	17420	18680	8.00	cps
Neodymium	150-1	93	113	133	113	17.65	cps
Neodymium	150-2	37	33	43	38	13.48	cps
Nickel	60-2	7319	7162	7005	7162	2.19	cps
Phosphorus	31-2	117	75	150	114	33.00	cps
Potassium	39-2	35455292	35871559	35807217	35711356	0.63	cps
Rhodium	103-1	7936192	8052288	7897733	7962071	1.01	cps
Rhodium	103-2	3122815	3084309	3170108	3125744	1.37	cps
Scandium	45-1	6592974	6593647	6348040	6511554	2.17	cps
Scandium	45-2	200478	200997	201150	200875	0.18	cps
Selenium	82-1	459	188	125	257	69.01	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	112	111	106	110	2.93	cps
Silicon	28-1	941780	968847	953448	954692	1.42	cps
Silver	107-1	3759	3559	3659	3659	2.73	cps
Silver	109-1	4051	3701	3509	3753	7.32	cps
Sodium	23-2	159382770	153594970	153918499	155632080	2.09	cps
Strontium	86-1	22160	21542	21283	21662	2.08	cps
Strontium	88-1	130653	128551	128541	129248	0.94	cps
Sulfur	34-1	198740	199164	205660	201188	1.93	cps
Terbium	159-1	11416782	11606030	11260570	11427794	1.51	cps
Terbium	159-2	4204432	4200162	4219579	4208058	0.24	cps
Thallium	203-1	3776	3492	3250	3506	7.50	cps
Thallium	205-1	8686	8611	7202	8167	10.24	cps
Tin	118-1	7052	7194	7169	7138	1.06	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 15:47:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2650	2334	2392	2459	6.86	cps
Uranium	238-1	1700	1775	1350	1608	14.11	cps
Vanadium	51-2	307	380	310	332	12.46	cps
Ytterbium	172-1	175	175	192	181	5.33	cps
Ytterbium	172-2	94	89	117	100	14.70	cps
Ytterbium	176-1	1433	1608	1317	1453	10.11	cps
Ytterbium	176-2	4390	4484	4623	4499	2.61	cps
Yttrium	89-1	15235035	15376316	15758758	15456703	1.75	cps
Yttrium	89-2	1699127	1694209	1734391	1709242	1.28	cps
Zinc	66-2	5884	6004	6076	5988	1.62	cps
Zirconium	90-1	6643	6702	6743	6696	0.75	cps
Zirconium	91-1	1225	1583	1517	1442	13.22	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33036	32512	32680	32743	0.82	cps
Antimony	121-1	1293753	1327488	1309624	1310288	1.29	cps
Arsenic	75-2	40678	40166	40809	40551	0.84	cps
Barium	135-1	184067	184621	184437	184375	0.15	cps
Barium	137-1	314232	314782	318976	315997	0.82	cps
Beryllium	9-1	247433	248896	249077	248469	0.36	cps
Bismuth	209-1	6766227	6810808	6643487	6740174	1.29	cps
Bismuth	209-2	2950223	2957437	3011486	2973049	1.13	cps
Boron	10-1	199423	202473	209190	203695	2.45	cps
Boron	11-1	845805	840055	831434	839098	0.86	cps
Bromine	81-1	40401	42610	40882	41298	2.81	cps
Cadmium	111-1	190563	192481	192238	191761	0.54	cps
Cadmium	106-1	40912	38939	40519	40123	2.60	cps
Cadmium	108-1	23174	22439	22873	22829	1.62	cps
Calcium	43-1	63802	63071	63175	63349	0.62	cps
Calcium	44-1	937247	954468	944550	945422	0.91	cps
Carbon	12-1	5274876	5410743	5349427	5345016	1.27	cps
Carbon	12-2	57924	57530	58342	57932	0.70	cps
Chlorine	35-1	126602	127020	127735	127119	0.45	cps
Chlorine	35-2	1083	875	1075	1011	11.67	cps
Chromium	52-2	198111	189594	194320	194008	2.20	cps
Cobalt	59-2	330785	330698	332075	331186	0.23	cps
Copper	63-2	250228	240762	242412	244467	2.07	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	108	92	83	94	13.48	cps
Erbium	164-2	13	23	33	23	42.86	cps
Gadolinium	160-1	50	50	83	61	31.50	cps
Gadolinium	160-2	93	73	47	71	32.92	cps
Holmium	165-1	10939056	11065635	10975141	10993278	0.59	cps
Holmium	165-2	4356049	4216145	4196306	4256167	2.05	cps
Indium	115-1	9572766	9507173	9544604	9541515	0.34	cps
Indium	115-2	1414041	1387393	1408084	1403173	1.00	cps
Iron	54-2	175315	172874	173545	173911	0.73	cps
Iron	56-2	3411751	3291020	3288155	3330309	2.12	cps
Iron	57-2	76416	75835	76851	76367	0.67	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4551	4455	4451	4486	1.26	cps
Lead	206-1	1102344	1100771	1108438	1103851	0.37	cps
Lead	207-1	910504	937101	908200	918602	1.75	cps
Lead	208-1	4443396	4535568	4531204	4503389	1.15	cps
Lithium	6-1	4653801	4315392	4363563	4444252	4.12	cps
Magnesium	24-2	191395	188158	186280	188611	1.37	cps
Manganese	55-2	105205	107693	108057	106985	1.45	cps
Molybdenum	94-1	14223439	14317333	14184266	14241679	0.48	cps
Molybdenum	95-1	20641503	20485359	20411540	20512800	0.57	cps
Molybdenum	96-1	22495439	22205276	22008184	22236299	1.10	cps
Molybdenum	97-1	12643659	12643979	12294878	12527505	1.61	cps
Molybdenum	98-1	33313401	32728515	31980442	32674119	2.04	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	93133	94376	91832	93114	1.37	cps
Phosphorus	31-2	142	83	67	97	40.50	cps
Potassium	39-2	292414	290677	290735	291275	0.34	cps
Rhodium	103-1	9324586	9126061	9013970	9154872	1.72	cps
Rhodium	103-2	3584259	3489027	3545578	3539621	1.35	cps
Scandium	45-1	6844602	6755833	6855816	6818750	0.80	cps
Scandium	45-2	210845	203351	203998	206065	2.02	cps
Selenium	82-1	34277	34272	33996	34182	0.47	cps
Selenium	77-2	1040	953	997	997	4.35	cps
Selenium	78-2	3641	3533	3428	3534	3.01	cps
Silicon	28-1	3412189	3668509	3555498	3545399	3.62	cps
Silver	107-1	505418	508675	503741	505944	0.50	cps
Silver	109-1	470874	473996	493692	479520	2.58	cps
Sodium	23-2	608953	610097	591583	603544	1.72	cps
Strontium	86-1	1475756	1497576	1462852	1478728	1.19	cps
Strontium	88-1	12782688	12466400	12219451	12489513	2.26	cps
Sulfur	34-1	194721	193799	192255	193592	0.64	cps
Terbium	159-1	11599520	11639557	11578142	11605740	0.27	cps
Terbium	159-2	4309033	4397831	4290566	4332477	1.32	cps
Thallium	203-1	1367654	1366748	1329619	1354674	1.60	cps
Thallium	205-1	3498552	3460732	3368155	3442480	1.95	cps
Tin	118-1	3417954	3426256	3431797	3425336	0.20	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICV40	Instrumnet Name :	P8
Client Sample ID :	ICV40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:05:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6065216	5908607	6057489	6010437	1.47	cps
Uranium	238-1	11088043	10630711	10633798	10784184	2.44	cps
Vanadium	51-2	155139	152952	152313	153468	0.97	cps
Ytterbium	172-1	92	92	83	89	5.41	cps
Ytterbium	172-2	61	11	39	37	67.64	cps
Ytterbium	176-1	1300	1267	1058	1208	10.84	cps
Ytterbium	176-2	4090	4384	4723	4399	7.21	cps
Yttrium	89-1	16885823	16539662	16151809	16525764	2.22	cps
Yttrium	89-2	1780417	1792081	1760715	1777738	0.89	cps
Zinc	66-2	63488	60090	61176	61585	2.82	cps
Zirconium	90-1	7309699	7491006	7255566	7352090	1.68	cps
Zirconium	91-1	1606532	1671123	1663970	1647208	2.15	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1345	1299	1310	1318	1.83	cps
Antimony	121-1	13207	13007	12773	12995	1.67	cps
Arsenic	75-2	206	219	221	215	3.78	cps
Barium	135-1	17946	18271	16561	17592	5.16	cps
Barium	137-1	30326	31730	30911	30989	2.27	cps
Beryllium	9-1	2708	2718	2538	2654	3.81	cps
Bismuth	209-1	6546331	6593746	6792632	6644236	1.97	cps
Bismuth	209-2	2853125	2926510	2947542	2909059	1.70	cps
Boron	10-1	20468	20610	20160	20413	1.13	cps
Boron	11-1	89269	90815	91533	90539	1.28	cps
Bromine	81-1	40833	40852	42168	41284	1.85	cps
Cadmium	111-1	2002	2024	1979	2002	1.11	cps
Cadmium	106-1	3551	3884	3876	3770	5.04	cps
Cadmium	108-1	221	171	163	185	17.08	cps
Calcium	43-1	13538	13721	13676	13645	0.70	cps
Calcium	44-1	222336	221391	222542	222090	0.28	cps
Carbon	12-1	4574759	4525864	4529671	4543431	0.60	cps
Carbon	12-2	48706	49685	48832	49074	1.08	cps
Chlorine	35-1	114694	114065	114224	114328	0.29	cps
Chlorine	35-2	933	1042	967	981	5.66	cps
Chromium	52-2	4481	4938	4898	4772	5.30	cps
Cobalt	59-2	3450	3327	3410	3396	1.85	cps
Copper	63-2	6035	5841	5608	5828	3.67	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	100	92	78	40.56	cps
Erbium	164-2	27	20	43	30	40.05	cps
Gadolinium	160-1	75	92	50	72	29.04	cps
Gadolinium	160-2	67	70	80	72	9.61	cps
Holmium	165-1	10442075	10734646	10935421	10704047	2.32	cps
Holmium	165-2	4284619	4207906	4231605	4241377	0.93	cps
Indium	115-1	9266191	9726013	9756310	9582838	2.87	cps
Indium	115-2	1396226	1473485	1395043	1421584	3.16	cps
Iron	54-2	5334	4868	5101	5101	4.58	cps
Iron	56-2	83091	83405	81996	82831	0.89	cps
Iron	57-2	2245	2184	1934	2121	7.77	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4589	4568	4678	4611	1.27	cps
Lead	206-1	6052	6357	5885	6098	3.93	cps
Lead	207-1	5468	5435	5229	5377	2.41	cps
Lead	208-1	25399	25099	24182	24893	2.55	cps
Lithium	6-1	4280586	4397492	4390993	4356357	1.51	cps
Magnesium	24-2	81321	81774	85401	82832	2.70	cps
Manganese	55-2	1120	1240	1147	1169	5.39	cps
Molybdenum	94-1	16452	17787	16101	16780	5.30	cps
Molybdenum	95-1	19731	20316	19414	19820	2.31	cps
Molybdenum	96-1	23587	23504	21609	22900	4.89	cps
Molybdenum	97-1	12322	12581	12940	12614	2.46	cps
Molybdenum	98-1	32556	33207	31721	32495	2.29	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	887	1023	1043	984	8.66	cps
Phosphorus	31-2	225	142	67	144	54.83	cps
Potassium	39-2	81783	82779	82721	82428	0.68	cps
Rhodium	103-1	8965806	8787597	8701830	8818411	1.53	cps
Rhodium	103-2	3585275	3425596	3387720	3466197	3.02	cps
Scandium	45-1	6548329	6694473	6676312	6639705	1.20	cps
Scandium	45-2	204700	205073	207444	205739	0.72	cps
Selenium	82-1	841	823	906	857	5.13	cps
Selenium	77-2	17	47	23	29	54.53	cps
Selenium	78-2	155	178	180	171	8.12	cps
Silicon	28-1	479092	477903	484972	480656	0.79	cps
Silver	107-1	10454	10746	10538	10579	1.42	cps
Silver	109-1	9278	9654	9153	9362	2.78	cps
Sodium	23-2	161901	161720	167517	163713	2.01	cps
Strontium	86-1	10037	9445	9995	9826	3.36	cps
Strontium	88-1	23136	22101	22744	22661	2.31	cps
Sulfur	34-1	207579	207487	211653	208906	1.14	cps
Terbium	159-1	11173516	11191413	11010088	11125006	0.90	cps
Terbium	159-2	4154851	4198155	4157534	4170180	0.58	cps
Thallium	203-1	6860	7411	7286	7186	4.01	cps
Thallium	205-1	15677	16311	16786	16258	3.42	cps
Tin	118-1	31921	31988	31662	31857	0.54	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:11:18	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6343	7035	6368	6582	5.96	cps
Uranium	238-1	19841	20884	19924	20217	2.87	cps
Vanadium	51-2	7806	7836	7569	7737	1.89	cps
Ytterbium	172-1	42	108	42	64	60.24	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1183	1317	1092	1197	9.45	cps
Ytterbium	176-2	4062	4751	4740	4518	8.74	cps
Yttrium	89-1	16002552	15733248	15659566	15798455	1.14	cps
Yttrium	89-2	1735069	1697075	1728957	1720367	1.19	cps
Zinc	66-2	1119	1067	1069	1085	2.71	cps
Zirconium	90-1	14258	14274	13323	13952	3.90	cps
Zirconium	91-1	3250	3384	2975	3203	6.50	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : ICB40 Instrumnet Name : P8
 Client Sample ID : ICB40 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 16:16:17 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	85	86	82	7.51	cps
Antimony	121-1	150	208	217	192	18.95	cps
Arsenic	75-2	5	6	6	6	10.19	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	25	83	42	50	60.09	cps
Beryllium	9-1	68	70	72	70	2.86	cps
Bismuth	209-1	6522369	6579986	6436705	6513020	1.11	cps
Bismuth	209-2	2866903	2889019	2915255	2890392	0.84	cps
Boron	10-1	10076	10310	10034	10140	1.47	cps
Boron	11-1	43743	42112	42020	42625	2.27	cps
Bromine	81-1	41706	40973	41635	41438	0.98	cps
Cadmium	111-1	25	32	61	39	47.14	cps
Cadmium	106-1	3334	3576	3434	3448	3.52	cps
Cadmium	108-1	71	58	46	58	21.43	cps
Calcium	43-1	222	249	211	227	8.46	cps
Calcium	44-1	6714	6742	6626	6694	0.91	cps
Carbon	12-1	4789569	4889035	4901057	4859887	1.26	cps
Carbon	12-2	52778	53916	53616	53437	1.10	cps
Chlorine	35-1	115299	117273	114610	115728	1.19	cps
Chlorine	35-2	1133	925	917	992	12.38	cps
Chromium	52-2	843	733	803	793	7.02	cps
Cobalt	59-2	73	97	70	80	18.17	cps
Copper	63-2	620	570	553	581	5.97	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	58	67	75	67	12.50	cps
Erbium	164-2	27	43	33	34	24.35	cps
Gadolinium	160-1	50	33	58	47	26.96	cps
Gadolinium	160-2	43	67	87	66	33.09	cps
Holmium	165-1	10642145	10540238	10656272	10612885	0.60	cps
Holmium	165-2	4222573	4265076	4250594	4246081	0.51	cps
Indium	115-1	9498769	9284748	9259960	9347826	1.40	cps
Indium	115-2	1396029	1394217	1395163	1395136	0.06	cps
Iron	54-2	733	633	561	643	13.46	cps
Iron	56-2	4467	4245	4623	4445	4.27	cps
Iron	57-2	144	300	189	211	37.95	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : ICB40 Instrumnet Name : P8
 Client Sample ID : ICB40 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 16:16:17 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4623	4583	4519	4575	1.14	cps
Lead	206-1	1006	1189	1045	1080	8.95	cps
Lead	207-1	750	922	872	848	10.45	cps
Lead	208-1	3873	4239	4061	4058	4.52	cps
Lithium	6-1	4381696	4400424	4432111	4404744	0.58	cps
Magnesium	24-2	425	375	383	394	6.79	cps
Manganese	55-2	63	80	63	69	13.97	cps
Molybdenum	94-1	417	325	342	361	13.52	cps
Molybdenum	95-1	408	442	258	369	26.43	cps
Molybdenum	96-1	808	608	775	731	14.67	cps
Molybdenum	97-1	225	225	175	208	13.86	cps
Molybdenum	98-1	642	675	575	631	8.08	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	43	67	43	51	26.37	cps
Phosphorus	31-2	108	92	83	94	13.48	cps
Potassium	39-2	16885	17069	17194	17049	0.91	cps
Rhodium	103-1	8695977	8700632	8770653	8722420	0.48	cps
Rhodium	103-2	3437743	3573950	3461740	3491144	2.08	cps
Scandium	45-1	6639162	6625717	6758359	6674413	1.09	cps
Scandium	45-2	206468	203973	203992	204811	0.70	cps
Selenium	82-1	-89	-19	45	-21	-321.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	105	112	98	105	6.67	cps
Silicon	28-1	403451	411540	411451	408814	1.14	cps
Silver	107-1	267	183	267	239	20.14	cps
Silver	109-1	342	292	300	311	8.61	cps
Sodium	23-2	15692	15851	15851	15798	0.58	cps
Strontium	86-1	6869	7352	7394	7205	4.05	cps
Strontium	88-1	325	292	308	308	5.40	cps
Sulfur	34-1	220688	218243	218859	219263	0.58	cps
Terbium	159-1	11865886	11072554	11223036	11387159	3.70	cps
Terbium	159-2	4275000	4307829	4181968	4254932	1.53	cps
Thallium	203-1	508	650	667	608	14.30	cps
Thallium	205-1	1258	1175	1358	1264	7.26	cps
Tin	118-1	667	1184	575	809	40.60	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICB40	Instrumnet Name :	P8
Client Sample ID :	ICB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:16:17	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	233	275	278	16.52	cps
Uranium	238-1	92	83	108	94	13.48	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Ytterbium	172-1	17	67	67	50	57.73	cps
Ytterbium	172-2	22	28	11	20	41.67	cps
Ytterbium	176-1	1167	1183	1050	1133	6.41	cps
Ytterbium	176-2	4323	4729	4462	4505	4.58	cps
Yttrium	89-1	15809629	15441100	15226319	15492349	1.90	cps
Yttrium	89-2	1732801	1736963	1713140	1727635	0.74	cps
Zinc	66-2	149	96	96	114	27.12	cps
Zirconium	90-1	700	575	742	672	12.90	cps
Zirconium	91-1	83	83	175	114	46.47	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSA40	Instrumnet Name :	P8
Client Sample ID :	ICSA40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:19:19	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6688635	6698398	6422131	6603055	2.37	cps
Antimony	121-1	7436	7944	7619	7666	3.36	cps
Arsenic	75-2	71	65	54	63	13.61	cps
Barium	135-1	2592	2634	2692	2639	1.90	cps
Barium	137-1	4759	5034	4443	4745	6.24	cps
Beryllium	9-1	812	756	736	768	5.13	cps
Bismuth	209-1	6479449	6667898	6512577	6553308	1.54	cps
Bismuth	209-2	2886141	2970348	2726716	2861068	4.32	cps
Boron	10-1	9849	9251	9813	9638	3.48	cps
Boron	11-1	42846	42660	40871	42126	2.59	cps
Bromine	81-1	41404	42470	42639	42171	1.59	cps
Cadmium	111-1	770	469	740	660	25.09	cps
Cadmium	106-1	4017	3401	4142	3853	10.31	cps
Cadmium	108-1	1100	1229	1133	1154	5.81	cps
Calcium	43-1	2877915	2969131	2822803	2889950	2.56	cps
Calcium	44-1	46430108	46716752	45761194	46302684	1.06	cps
Carbon	12-1	27300038	28174652	29343500	28272730	3.63	cps
Carbon	12-2	304997	304757	309542	306432	0.88	cps
Chlorine	35-1	11580010	13351812	15042176	13324666	12.99	cps
Chlorine	35-2	137013	141605	150168	142929	4.67	cps
Chromium	52-2	40083	40016	39140	39746	1.32	cps
Cobalt	59-2	3984	4007	3894	3962	1.51	cps
Copper	63-2	19083	19657	19410	19383	1.49	cps
Dysprosium	156-1	25	33	50	36	35.25	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	158	133	83	125	30.55	cps
Erbium	164-2	33	27	30	30	11.10	cps
Gadolinium	160-1	83	75	108	89	19.52	cps
Gadolinium	160-2	73	110	67	83	28.00	cps
Holmium	165-1	11437755	11217012	11440107	11364958	1.13	cps
Holmium	165-2	4435015	4524491	4156906	4372137	4.38	cps
Indium	115-1	9521156	9630105	9753072	9634777	1.20	cps
Indium	115-2	1402813	1406259	1408814	1405962	0.21	cps
Iron	54-2	9198457	9388163	9264409	9283676	1.04	cps
Iron	56-2	167774959	166377254	167162870	167105028	0.42	cps
Iron	57-2	4365113	4263405	4247719	4292079	1.48	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : ICSA40 Instrumnet Name : P8
 Client Sample ID : ICSA40 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 16:19:19 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4548	4665	4599	4604	1.28	cps
Lead	206-1	27068	26672	27324	27021	1.21	cps
Lead	207-1	20511	21251	22119	21294	3.78	cps
Lead	208-1	98786	102617	104064	101822	2.68	cps
Lithium	6-1	4681752	4581601	4638818	4634057	1.08	cps
Magnesium	24-2	16624372	17295680	16739656	16886569	2.13	cps
Manganese	55-2	8629	8563	8623	8605	0.43	cps
Molybdenum	94-1	4479405	4557130	4533537	4523357	0.88	cps
Molybdenum	95-1	7919554	8113510	8009371	8014145	1.21	cps
Molybdenum	96-1	8467287	8523599	8447879	8479588	0.46	cps
Molybdenum	97-1	4845355	4920406	4985454	4917072	1.43	cps
Molybdenum	98-1	12466973	12734968	12753373	12651771	1.27	cps
Neodymium	150-1	40	13	47	33	52.92	cps
Neodymium	150-2	7	13	30	17	72.11	cps
Nickel	60-2	4654	4734	4988	4792	3.63	cps
Phosphorus	31-2	370164	351916	356162	359414	2.66	cps
Potassium	39-2	14242909	14090474	14602753	14312046	1.84	cps
Rhodium	103-1	8453464	8862068	8862804	8726112	2.71	cps
Rhodium	103-2	3340235	3506039	3242587	3362954	3.96	cps
Scandium	45-1	6899113	7090350	6855479	6948314	1.80	cps
Scandium	45-2	212119	217019	197970	209036	4.73	cps
Selenium	82-1	211	-65	85	77	179.40	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	108	94	104	102	7.07	cps
Silicon	28-1	542447	551006	569445	554299	2.49	cps
Silver	107-1	767	917	667	783	16.06	cps
Silver	109-1	842	742	542	708	21.57	cps
Sodium	23-2	31561317	32693948	32387837	32214367	1.82	cps
Strontium	86-1	98631	99680	100847	99719	1.11	cps
Strontium	88-1	784081	819012	784172	795755	2.53	cps
Sulfur	34-1	4185478	4220396	4248040	4217971	0.74	cps
Terbium	159-1	11649203	11859050	12227321	11911858	2.46	cps
Terbium	159-2	4510881	4429675	4204779	4381778	3.62	cps
Thallium	203-1	1200	1458	1942	1533	24.55	cps
Thallium	205-1	3576	3917	4434	3976	10.87	cps
Tin	118-1	1975	1934	1850	1920	3.32	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSA40	Instrumnet Name :	P8
Client Sample ID :	ICSA40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:19:19	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2566769	2553749	2601580	2574033	0.96	cps
Uranium	238-1	408	383	425	406	5.17	cps
Vanadium	51-2	270	307	227	268	14.95	cps
Ytterbium	172-1	75	58	33	56	37.75	cps
Ytterbium	172-2	44	61	39	48	24.01	cps
Ytterbium	176-1	1292	1083	1400	1258	12.79	cps
Ytterbium	176-2	4273	4573	4662	4503	4.53	cps
Yttrium	89-1	15956188	16848751	16631831	16478923	2.82	cps
Yttrium	89-2	1780326	1834919	1677673	1764306	4.53	cps
Zinc	66-2	4528	4611	4472	4537	1.54	cps
Zirconium	90-1	750	892	867	836	9.04	cps
Zirconium	91-1	133	208	183	175	21.82	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6705714	6559310	6523146	6596057	1.47	cps
Antimony	121-1	140518	143095	141351	141655	0.93	cps
Arsenic	75-2	4159	4036	3895	4030	3.28	cps
Barium	135-1	40854	41046	39275	40392	2.41	cps
Barium	137-1	70711	69856	70141	70236	0.62	cps
Beryllium	9-1	50675	50522	50741	50646	0.22	cps
Bismuth	209-1	6618704	6566344	6703664	6629571	1.05	cps
Bismuth	209-2	2617456	2889155	3144321	2883644	9.14	cps
Boron	10-1	26449	27068	28434	27317	3.72	cps
Boron	11-1	113968	118064	121733	117922	3.29	cps
Bromine	81-1	45110	41838	44438	43795	3.95	cps
Cadmium	111-1	36995	37343	38445	37594	2.01	cps
Cadmium	106-1	9003	9245	9003	9084	1.54	cps
Cadmium	108-1	4588	4613	4392	4531	2.67	cps
Calcium	43-1	2955248	2935234	2945150	2945211	0.34	cps
Calcium	44-1	46953360	46051391	47154824	46719858	1.26	cps
Carbon	12-1	28401818	28937720	29553477	28964338	1.99	cps
Carbon	12-2	313664	318689	310501	314285	1.31	cps
Chlorine	35-1	18074138	19957933	21296364	19776145	8.19	cps
Chlorine	35-2	181420	182539	183192	182384	0.49	cps
Chromium	52-2	80057	78756	75619	78144	2.92	cps
Cobalt	59-2	70085	70645	67419	69383	2.48	cps
Copper	63-2	70082	66371	65980	67478	3.36	cps
Dysprosium	156-1	33	50	50	44	21.66	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	117	75	58	83	36.05	cps
Erbium	164-2	37	23	43	34	29.57	cps
Gadolinium	160-1	92	108	117	106	12.06	cps
Gadolinium	160-2	100	100	97	99	1.94	cps
Holmium	165-1	11765344	11754365	11757620	11759110	0.05	cps
Holmium	165-2	3863411	4440150	4677972	4327178	9.68	cps
Indium	115-1	10005759	9738501	9698157	9814139	1.70	cps
Indium	115-2	1226258	1507570	1606317	1446715	13.63	cps
Iron	54-2	9373725	9333834	8925319	9210959	2.69	cps
Iron	56-2	170559954	167246665	160009587	165938735	3.25	cps
Iron	57-2	4234992	4206415	4058689	4166699	2.27	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4604	4629	4529	4587	1.13	cps
Lead	206-1	134246	133242	132252	133247	0.75	cps
Lead	207-1	110435	111959	111875	111423	0.77	cps
Lead	208-1	516265	513464	511045	513591	0.51	cps
Lithium	6-1	4536998	4720147	4627508	4628218	1.98	cps
Magnesium	24-2	17289743	16906726	16832297	17009589	1.44	cps
Manganese	55-2	30212	30252	29140	29868	2.11	cps
Molybdenum	94-1	4998751	4979507	5030898	5003052	0.52	cps
Molybdenum	95-1	8274213	8229716	8407383	8303771	1.11	cps
Molybdenum	96-1	8965412	8744765	8953537	8887905	1.40	cps
Molybdenum	97-1	5129217	5132082	5167711	5143004	0.42	cps
Molybdenum	98-1	13271917	13119174	13347517	13246203	0.88	cps
Neodymium	150-1	100	33	73	69	48.71	cps
Neodymium	150-2	23	10	13	16	44.60	cps
Nickel	60-2	22635	22094	21733	22154	2.05	cps
Phosphorus	31-2	363994	357678	348514	356729	2.18	cps
Potassium	39-2	14120572	14303673	14060603	14161616	0.89	cps
Rhodium	103-1	8722780	8893560	8813596	8809979	0.97	cps
Rhodium	103-2	2980763	3436763	3786644	3401390	11.88	cps
Scandium	45-1	7234641	7230234	7142012	7202296	0.73	cps
Scandium	45-2	188125	216660	234056	212947	10.89	cps
Selenium	82-1	3312	3404	3582	3433	4.00	cps
Selenium	77-2	120	123	83	109	20.39	cps
Selenium	78-2	420	380	407	402	5.07	cps
Silicon	28-1	958520	961002	952593	957372	0.45	cps
Silver	107-1	197114	190406	197253	194924	2.01	cps
Silver	109-1	180770	184905	180951	182209	1.28	cps
Sodium	23-2	33127434	32259761	31306915	32231370	2.83	cps
Strontium	86-1	249587	258458	253250	253765	1.76	cps
Strontium	88-1	2191136	2214941	2183790	2196622	0.74	cps
Sulfur	34-1	4278526	4254253	4326390	4286390	0.86	cps
Terbium	159-1	12468519	12099632	12101282	12223144	1.74	cps
Terbium	159-2	3783967	4478745	4823533	4362082	12.14	cps
Thallium	203-1	131095	134723	134496	133438	1.52	cps
Thallium	205-1	319493	323061	325957	322837	1.00	cps
Tin	118-1	356847	357806	366399	360351	1.46	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	ICSAB40	Instrumnet Name :	P8
Client Sample ID :	ICSAB40	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:22:15	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2740673	2672536	2721645	2711618	1.30	cps
Uranium	238-1	1160815	1183431	1196359	1180201	1.52	cps
Vanadium	51-2	32808	31969	31398	32058	2.21	cps
Ytterbium	172-1	100	83	50	78	32.73	cps
Ytterbium	172-2	11	22	33	22	50.00	cps
Ytterbium	176-1	1242	1333	1208	1261	5.13	cps
Ytterbium	176-2	3845	4768	4679	4430	11.49	cps
Yttrium	89-1	16641831	16476357	16580401	16566197	0.50	cps
Yttrium	89-2	1609297	1774206	1983241	1788915	10.48	cps
Zinc	66-2	10087	10489	9837	10138	3.24	cps
Zirconium	90-1	792878	785418	785095	787797	0.56	cps
Zirconium	91-1	178848	175658	175094	176533	1.15	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3715823	3606483	3617659	3646655	1.65	cps
Antimony	121-1	3736349	3723171	3804743	3754754	1.17	cps
Arsenic	75-2	103548	102658	102082	102762	0.72	cps
Barium	135-1	5087347	5151401	5192784	5143844	1.03	cps
Barium	137-1	8547515	8501227	8698868	8582537	1.20	cps
Beryllium	9-1	1344144	1341554	1297826	1327841	1.96	cps
Bismuth	209-1	6461174	6513281	6523952	6499469	0.52	cps
Bismuth	209-2	2756933	2845397	2937627	2846653	3.17	cps
Boron	10-1	312963	326217	334067	324415	3.29	cps
Boron	11-1	1277911	1323005	1428560	1343158	5.76	cps
Bromine	81-1	41765	40622	37941	40109	4.89	cps
Cadmium	111-1	971228	975013	971548	972596	0.22	cps
Cadmium	106-1	115887	116566	112451	114968	1.92	cps
Cadmium	108-1	77424	77756	78690	77957	0.84	cps
Calcium	43-1	7814437	7744981	7834381	7797933	0.60	cps
Calcium	44-1	123703150	126684365	124079000	124822172	1.30	cps
Carbon	12-1	6110072	6121883	6301935	6177963	1.74	cps
Carbon	12-2	71206	72270	68930	70802	2.41	cps
Chlorine	35-1	2419295	2331777	2289602	2346891	2.82	cps
Chlorine	35-2	17478	17820	16702	17333	3.31	cps
Chromium	52-2	1032599	1038632	1015809	1029013	1.15	cps
Cobalt	59-2	1804496	1770271	1850072	1808280	2.21	cps
Copper	63-2	13827115	14175061	13884246	13962141	1.34	cps
Dysprosium	156-1	517	592	533	547	7.20	cps
Dysprosium	156-2	183	183	177	181	2.13	cps
Erbium	164-1	183	117	142	147	22.88	cps
Erbium	164-2	47	57	23	42	40.52	cps
Gadolinium	160-1	400	467	483	450	9.80	cps
Gadolinium	160-2	253	193	273	240	17.35	cps
Holmium	165-1	11707119	11415580	11705961	11609553	1.45	cps
Holmium	165-2	4403964	4435236	4606265	4481822	2.43	cps
Indium	115-1	9623762	9741879	9707480	9691040	0.63	cps
Indium	115-2	1401819	1408190	1558054	1456021	6.07	cps
Iron	54-2	11453930	11539587	11867440	11620319	1.88	cps
Iron	56-2	212555344	208654538	210852066	210687316	0.93	cps
Iron	57-2	5437344	5479900	5491328	5469524	0.52	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4626	4604	4688	4639	0.93	cps
Lead	206-1	14994828	14779640	14643083	14805850	1.20	cps
Lead	207-1	12630763	12830191	12528573	12663176	1.21	cps
Lead	208-1	58071428	59317061	57706740	58365076	1.45	cps
Lithium	6-1	4583709	4566358	4570552	4573540	0.20	cps
Magnesium	24-2	45273907	44441065	44667893	44794288	0.96	cps
Manganese	55-2	5945721	6023056	6103124	6023967	1.31	cps
Molybdenum	94-1	14790352	14970095	14975830	14912092	0.71	cps
Molybdenum	95-1	21662157	21474517	21962523	21699732	1.13	cps
Molybdenum	96-1	23173079	23508279	23861752	23514370	1.46	cps
Molybdenum	97-1	13050525	13357691	13458959	13289059	1.60	cps
Molybdenum	98-1	34209360	34797689	35010601	34672550	1.20	cps
Neodymium	150-1	333	393	313	347	12.01	cps
Neodymium	150-2	50	60	37	49	23.94	cps
Nickel	60-2	476234	472769	467419	472141	0.94	cps
Phosphorus	31-2	39471	36890	37950	38104	3.41	cps
Potassium	39-2	18919816	18178799	18128806	18409140	2.41	cps
Rhodium	103-1	8610175	8759818	8549312	8639768	1.25	cps
Rhodium	103-2	3337662	3371583	3593781	3434342	4.05	cps
Scandium	45-1	7185617	7092694	7012485	7096932	1.22	cps
Scandium	45-2	214910	215518	227721	219383	3.29	cps
Selenium	82-1	86205	86913	87735	86951	0.88	cps
Selenium	77-2	2670	2694	2607	2657	1.69	cps
Selenium	78-2	8983	8738	8974	8898	1.56	cps
Silicon	28-1	25434070	25519520	25780574	25578055	0.71	cps
Silver	107-1	5520248	5542641	5457964	5506951	0.80	cps
Silver	109-1	5132527	5077401	5213135	5141021	1.33	cps
Sodium	23-2	83863604	84486604	84255902	84202037	0.37	cps
Strontium	86-1	1497409	1502221	1496022	1498551	0.22	cps
Strontium	88-1	12796739	12532304	12813174	12714072	1.24	cps
Sulfur	34-1	768409	754117	764020	762182	0.96	cps
Terbium	159-1	12070384	11966702	11962024	11999704	0.51	cps
Terbium	159-2	4490789	4504092	4624241	4539707	1.62	cps
Thallium	203-1	3651529	3512989	3619267	3594595	2.02	cps
Thallium	205-1	8438043	8475614	8404093	8439250	0.42	cps
Tin	118-1	3439452	3429927	3500556	3456645	1.11	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:28:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6736030	6722076	6640011	6699373	0.77	cps
Uranium	238-1	11416820	11446976	11504987	11456261	0.39	cps
Vanadium	51-2	871128	860165	862327	864540	0.67	cps
Ytterbium	172-1	192	150	192	178	13.53	cps
Ytterbium	172-2	56	50	83	63	28.36	cps
Ytterbium	176-1	15459	15435	17429	16108	7.10	cps
Ytterbium	176-2	9531	10271	10855	10219	6.49	cps
Yttrium	89-1	16888421	16821251	16846366	16852013	0.20	cps
Yttrium	89-2	1824573	1813256	1907281	1848370	2.78	cps
Zinc	66-2	1778296	1763980	1754888	1765722	0.67	cps
Zirconium	90-1	7738879	7797747	7573298	7703308	1.51	cps
Zirconium	91-1	1734034	1779390	1698689	1737371	2.33	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111	111	132	118	10.36	cps
Antimony	121-1	425	383	700	503	34.22	cps
Arsenic	75-2	5	5	7	6	20.38	cps
Barium	135-1	58	83	33	58	42.87	cps
Barium	137-1	108	133	67	103	32.77	cps
Beryllium	9-1	112	108	106	109	2.81	cps
Bismuth	209-1	7123542	6944728	6846809	6971693	2.01	cps
Bismuth	209-2	2918905	2855096	2483221	2752408	8.55	cps
Boron	10-1	11875	11784	12077	11912	1.26	cps
Boron	11-1	51281	50934	50389	50868	0.88	cps
Bromine	81-1	41886	42370	42198	42151	0.58	cps
Cadmium	111-1	88	62	71	74	17.47	cps
Cadmium	106-1	3892	3642	3584	3706	4.42	cps
Cadmium	108-1	38	58	21	39	48.32	cps
Calcium	43-1	334	311	236	294	17.38	cps
Calcium	44-1	7766	7926	7682	7792	1.59	cps
Carbon	12-1	5475289	5529300	5500472	5501687	0.49	cps
Carbon	12-2	59346	60041	59622	59670	0.59	cps
Chlorine	35-1	798597	769725	758729	775684	2.65	cps
Chlorine	35-2	6176	6126	6276	6193	1.23	cps
Chromium	52-2	820	873	990	894	9.72	cps
Cobalt	59-2	70	63	57	63	10.52	cps
Copper	63-2	730	870	810	803	8.74	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	58	58	56	8.66	cps
Erbium	164-2	23	37	40	33	26.47	cps
Gadolinium	160-1	67	42	58	56	22.91	cps
Gadolinium	160-2	73	60	67	67	10.00	cps
Holmium	165-1	11909594	11254544	10919250	11361130	4.43	cps
Holmium	165-2	4296330	4238403	3554159	4029631	10.24	cps
Indium	115-1	10316134	9882236	10102452	10100274	2.15	cps
Indium	115-2	1444027	1463896	1130092	1346005	13.91	cps
Iron	54-2	678	861	678	739	14.33	cps
Iron	56-2	5701	7124	5812	6213	12.74	cps
Iron	57-2	172	244	194	204	18.16	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4758	4845	4814	4806	0.92	cps
Lead	206-1	1239	1411	1300	1317	6.63	cps
Lead	207-1	1106	1156	1206	1156	4.33	cps
Lead	208-1	5023	5417	5439	5293	4.43	cps
Lithium	6-1	4712854	4806536	4543655	4687682	2.84	cps
Magnesium	24-2	592	825	717	711	16.42	cps
Manganese	55-2	70	120	87	92	27.61	cps
Molybdenum	94-1	617	508	542	556	9.99	cps
Molybdenum	95-1	583	617	433	544	17.94	cps
Molybdenum	96-1	858	567	592	672	24.05	cps
Molybdenum	97-1	425	350	317	364	15.25	cps
Molybdenum	98-1	892	708	642	747	17.33	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	53	47	43	48	10.66	cps
Phosphorus	31-2	108	92	108	103	9.36	cps
Potassium	39-2	18629	18746	18879	18751	0.67	cps
Rhodium	103-1	9486124	9501700	9321813	9436546	1.06	cps
Rhodium	103-2	3657124	3467218	2882729	3335690	12.10	cps
Scandium	45-1	7138363	7090799	7022282	7083814	0.82	cps
Scandium	45-2	213565	207433	170247	197081	11.89	cps
Selenium	82-1	8	-174	-243	-136	-94.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	108	107	93	103	8.17	cps
Silicon	28-1	427591	426495	425059	426382	0.30	cps
Silver	107-1	542	583	483	536	9.37	cps
Silver	109-1	400	517	458	458	12.73	cps
Sodium	23-2	21925	22351	22326	22201	1.08	cps
Strontium	86-1	7177	7377	7652	7402	3.22	cps
Strontium	88-1	308	300	250	286	11.03	cps
Sulfur	34-1	221669	222242	225391	223100	0.90	cps
Terbium	159-1	11966068	12222715	11861408	12016730	1.55	cps
Terbium	159-2	4387064	4194067	3522155	4034429	11.25	cps
Thallium	203-1	1350	1342	1408	1367	2.66	cps
Thallium	205-1	2775	3334	3025	3045	9.19	cps
Tin	118-1	750	750	825	775	5.59	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:38:37	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	358	367	358	2.33	cps
Uranium	238-1	108	108	83	100	14.43	cps
Vanadium	51-2	3	7	20	10	88.20	cps
Ytterbium	172-1	83	42	17	47	71.32	cps
Ytterbium	172-2	22	39	6	22	74.99	cps
Ytterbium	176-1	1150	1258	1217	1208	4.52	cps
Ytterbium	176-2	4562	4718	4017	4432	8.30	cps
Yttrium	89-1	17516434	16579036	16734082	16943184	2.97	cps
Yttrium	89-2	1827416	1720934	1495079	1681143	10.09	cps
Zinc	66-2	256	229	223	236	7.45	cps
Zirconium	90-1	667	917	892	825	16.69	cps
Zirconium	91-1	125	100	75	100	25.00	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1361	1439	1392	1397	2.79	cps
Antimony	121-1	13215	13340	13424	13326	0.79	cps
Arsenic	75-2	218	250	240	236	6.94	cps
Barium	135-1	17837	17862	17971	17890	0.40	cps
Barium	137-1	32197	30410	30610	31073	3.15	cps
Beryllium	9-1	2730	2756	2822	2769	1.71	cps
Bismuth	209-1	6732766	6780905	6965250	6826307	1.80	cps
Bismuth	209-2	3290028	3014975	2999423	3101475	5.27	cps
Boron	10-1	17687	18456	18044	18062	2.13	cps
Boron	11-1	76380	80634	79143	78719	2.74	cps
Bromine	81-1	42932	43584	40812	42443	3.41	cps
Cadmium	111-1	2031	2054	2092	2059	1.50	cps
Cadmium	106-1	4142	4459	4059	4220	5.00	cps
Cadmium	108-1	200	213	171	194	10.99	cps
Calcium	43-1	14165	14219	14175	14186	0.20	cps
Calcium	44-1	229688	233501	230073	231088	0.91	cps
Carbon	12-1	4857336	4735679	4751338	4781451	1.38	cps
Carbon	12-2	49743	50521	50103	50123	0.78	cps
Chlorine	35-1	652874	652732	647848	651151	0.44	cps
Chlorine	35-2	5059	5001	5668	5243	7.05	cps
Chromium	52-2	5188	4921	4994	5034	2.74	cps
Cobalt	59-2	3697	3754	3450	3634	4.44	cps
Copper	63-2	6241	6428	6331	6334	1.47	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	92	75	108	92	18.18	cps
Erbium	164-2	40	33	23	32	26.04	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	73	103	90	89	16.91	cps
Holmium	165-1	10691633	11260567	10993591	10981930	2.59	cps
Holmium	165-2	4591174	4233970	4341105	4388750	4.18	cps
Indium	115-1	9613283	9729737	9410648	9584556	1.68	cps
Indium	115-2	1616636	1534794	1433695	1528375	6.00	cps
Iron	54-2	5123	4990	5068	5060	1.32	cps
Iron	56-2	87413	86807	87970	87397	0.67	cps
Iron	57-2	2222	2206	2256	2228	1.14	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4708	4614	4719	4680	1.23	cps
Lead	206-1	6535	6124	6646	6435	4.28	cps
Lead	207-1	5763	5913	5757	5811	1.52	cps
Lead	208-1	26100	25655	26283	26013	1.24	cps
Lithium	6-1	4695555	4612067	4500721	4602781	2.12	cps
Magnesium	24-2	86482	85074	85719	85758	0.82	cps
Manganese	55-2	1290	1267	1247	1268	1.71	cps
Molybdenum	94-1	16869	16477	16669	16672	1.18	cps
Molybdenum	95-1	20432	20290	20924	20549	1.62	cps
Molybdenum	96-1	21859	22728	23228	22605	3.06	cps
Molybdenum	97-1	12931	12564	12781	12759	1.45	cps
Molybdenum	98-1	32104	32982	32948	32678	1.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	943	920	973	946	2.83	cps
Phosphorus	31-2	158	167	125	150	14.70	cps
Potassium	39-2	85185	87271	88883	87113	2.13	cps
Rhodium	103-1	9064102	9072335	9385364	9173934	2.00	cps
Rhodium	103-2	3830314	3537632	3596599	3654848	4.24	cps
Scandium	45-1	6900124	7109648	6906874	6972215	1.71	cps
Scandium	45-2	228442	218034	210696	219057	4.07	cps
Selenium	82-1	826	841	849	839	1.37	cps
Selenium	77-2	17	33	30	27	33.06	cps
Selenium	78-2	181	185	171	179	4.03	cps
Silicon	28-1	486619	473481	483654	481251	1.43	cps
Silver	107-1	10713	10988	10838	10846	1.27	cps
Silver	109-1	9854	10221	10496	10190	3.16	cps
Sodium	23-2	171133	173309	179258	174567	2.41	cps
Strontium	86-1	9887	10054	10246	10062	1.78	cps
Strontium	88-1	24188	22752	22936	23292	3.35	cps
Sulfur	34-1	231071	228607	230572	230083	0.57	cps
Terbium	159-1	11343164	11937926	11701987	11661026	2.57	cps
Terbium	159-2	4614478	4318522	4415149	4449383	3.39	cps
Thallium	203-1	7944	7669	7686	7766	1.99	cps
Thallium	205-1	18405	18714	18547	18555	0.83	cps
Tin	118-1	31963	33742	33542	33082	2.95	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 16:41:39	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6518	7002	6852	6791	3.65	cps
Uranium	238-1	19399	19674	19599	19557	0.73	cps
Vanadium	51-2	7846	8156	8089	8030	2.03	cps
Ytterbium	172-1	58	42	58	53	18.23	cps
Ytterbium	172-2	39	22	22	28	34.65	cps
Ytterbium	176-1	1317	1267	1283	1289	1.97	cps
Ytterbium	176-2	4773	4857	4857	4829	1.00	cps
Yttrium	89-1	16583214	16201413	16193683	16326103	1.36	cps
Yttrium	89-2	1915880	1807513	1786046	1836480	3.79	cps
Zinc	66-2	1053	1106	1102	1087	2.71	cps
Zirconium	90-1	14733	14633	14892	14753	0.88	cps
Zirconium	91-1	3275	2934	3084	3098	5.53	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : N1645-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 17:01:51 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461	469	470	467	1.01	cps
Antimony	121-1	1825	1642	1692	1720	5.51	cps
Arsenic	75-2	61	55	62	59	6.38	cps
Barium	135-1	2284	2592	2250	2375	7.93	cps
Barium	137-1	3842	3976	4134	3984	3.67	cps
Beryllium	9-1	752	720	702	725	3.49	cps
Bismuth	209-1	6663813	6911111	6616574	6730499	2.35	cps
Bismuth	209-2	2936149	2893592	2931064	2920268	0.80	cps
Boron	10-1	5348	5050	5166	5188	2.90	cps
Boron	11-1	22799	24189	22343	23110	4.16	cps
Bromine	81-1	43715	43142	44710	43856	1.81	cps
Cadmium	111-1	494	493	432	473	7.51	cps
Cadmium	106-1	3934	3934	3976	3948	0.61	cps
Cadmium	108-1	113	108	113	111	2.16	cps
Calcium	43-1	949	971	909	943	3.36	cps
Calcium	44-1	18607	18284	18408	18433	0.88	cps
Carbon	12-1	4973745	4998221	4997310	4989759	0.28	cps
Carbon	12-2	53750	52278	53323	53117	1.43	cps
Chlorine	35-1	287745	285178	280993	284639	1.20	cps
Chlorine	35-2	2184	2300	2284	2256	2.80	cps
Chromium	52-2	1373	1393	1443	1403	2.57	cps
Cobalt	59-2	943	977	993	971	2.62	cps
Copper	63-2	1977	1983	1863	1941	3.47	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	50	50	67	56	17.32	cps
Holmium	165-1	10728496	10971578	11082402	10927492	1.66	cps
Holmium	165-2	4266849	4206909	4192187	4221982	0.94	cps
Indium	115-1	9724768	9737440	9819521	9760576	0.53	cps
Indium	115-2	1430749	1440611	1448926	1440095	0.63	cps
Iron	54-2	1739	1811	1745	1765	2.28	cps
Iron	56-2	25685	25412	24933	25343	1.50	cps
Iron	57-2	772	672	844	763	11.34	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:01:51	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4733	4739	4769	4747	0.41	cps
Lead	206-1	2278	2056	2284	2206	5.89	cps
Lead	207-1	2045	1967	2128	2047	3.94	cps
Lead	208-1	9051	8690	9524	9088	4.60	cps
Lithium	6-1	4519574	4386965	4567913	4491484	2.09	cps
Magnesium	24-2	4918	4826	4801	4848	1.27	cps
Manganese	55-2	623	650	770	681	11.47	cps
Molybdenum	94-1	4443	4459	4551	4484	1.30	cps
Molybdenum	95-1	5560	5568	5476	5535	0.92	cps
Molybdenum	96-1	5868	6318	6393	6193	4.59	cps
Molybdenum	97-1	3709	3209	3367	3428	7.46	cps
Molybdenum	98-1	8795	9137	9437	9123	3.52	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	233	273	240	249	8.61	cps
Phosphorus	31-2	142	92	108	114	22.35	cps
Potassium	39-2	19363	20089	20482	19978	2.84	cps
Rhodium	103-1	9270432	9266478	9145333	9227415	0.77	cps
Rhodium	103-2	3587690	3566529	3628629	3594283	0.88	cps
Scandium	45-1	6987826	6872251	6926593	6928890	0.83	cps
Scandium	45-2	214177	217381	211531	214363	1.37	cps
Selenium	82-1	490	440	418	449	8.26	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	156	124	136	139	11.66	cps
Silicon	28-1	418361	420390	423587	420780	0.63	cps
Silver	107-1	2834	2859	2617	2770	4.80	cps
Silver	109-1	2484	2909	2742	2711	7.90	cps
Sodium	23-2	23711	23803	24772	24095	2.44	cps
Strontium	86-1	7961	7927	8236	8041	2.11	cps
Strontium	88-1	5851	5835	6252	5979	3.95	cps
Sulfur	34-1	248564	247361	248895	248273	0.33	cps
Terbium	159-1	11312374	11452303	11325956	11363544	0.68	cps
Terbium	159-2	4405294	4121383	4178118	4234932	3.55	cps
Thallium	203-1	2234	2517	2234	2328	7.03	cps
Thallium	205-1	5668	5418	5443	5510	2.50	cps
Tin	118-1	2350	2184	2300	2278	3.76	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:01:51	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1692	1884	1767	1781	5.42	cps
Uranium	238-1	5009	5593	4959	5187	6.79	cps
Vanadium	51-2	450	407	373	410	9.38	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	39	28	28	31	20.37	cps
Ytterbium	176-1	1250	1275	1283	1270	1.37	cps
Ytterbium	176-2	4395	4662	4879	4645	5.21	cps
Yttrium	89-1	16203715	16261296	16125839	16196950	0.42	cps
Yttrium	89-2	1797521	1810719	1816682	1808307	0.54	cps
Zinc	66-2	508	575	574	552	6.93	cps
Zirconium	90-1	3851	3834	3817	3834	0.44	cps
Zirconium	91-1	850	867	725	814	9.51	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	411	452	435	433	4.78	cps
Antimony	121-1	2034	2025	1775	1945	7.55	cps
Arsenic	75-2	64	54	54	57	10.07	cps
Barium	135-1	2484	2225	2484	2397	6.22	cps
Barium	137-1	4126	4376	4117	4206	3.49	cps
Beryllium	9-1	712	758	734	735	3.13	cps
Bismuth	209-1	6702121	6761302	6759484	6740969	0.50	cps
Bismuth	209-2	3040639	2962996	3021421	3008352	1.34	cps
Boron	10-1	4612	4586	4402	4533	2.53	cps
Boron	11-1	19139	19143	19139	19140	0.01	cps
Bromine	81-1	47110	42329	44236	44558	5.40	cps
Cadmium	111-1	668	569	507	581	13.98	cps
Cadmium	106-1	4251	3609	3934	3931	8.16	cps
Cadmium	108-1	58	108	88	85	29.65	cps
Calcium	43-1	931	956	1017	968	4.58	cps
Calcium	44-1	19045	18968	19264	19092	0.81	cps
Carbon	12-1	5119853	4988818	4994821	5034498	1.47	cps
Carbon	12-2	51993	52612	50939	51848	1.63	cps
Chlorine	35-1	242059	247415	238283	242586	1.89	cps
Chlorine	35-2	1834	1833	2009	1892	5.34	cps
Chromium	52-2	1493	1457	1467	1472	1.29	cps
Cobalt	59-2	967	1100	930	999	8.96	cps
Copper	63-2	2060	2154	2087	2100	2.29	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	83	108	92	15.74	cps
Erbium	164-2	37	37	23	32	23.90	cps
Gadolinium	160-1	25	58	58	47	40.75	cps
Gadolinium	160-2	60	70	37	56	30.79	cps
Holmium	165-1	10995328	11076668	11331942	11134646	1.58	cps
Holmium	165-2	4261733	4259645	4340200	4287193	1.07	cps
Indium	115-1	9810324	10176256	9725903	9904161	2.42	cps
Indium	115-2	1595466	1558620	1453377	1535821	4.80	cps
Iron	54-2	1628	1811	1833	1758	6.42	cps
Iron	56-2	25223	26230	26074	25842	2.10	cps
Iron	57-2	650	661	756	689	8.42	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4912	4988	4938	4946	0.78	cps
Lead	206-1	2517	2539	2378	2478	3.52	cps
Lead	207-1	1811	2095	1967	1958	7.25	cps
Lead	208-1	8924	9535	9113	9190	3.41	cps
Lithium	6-1	4351836	4459081	4426216	4412378	1.25	cps
Magnesium	24-2	4759	4743	4834	4779	1.02	cps
Manganese	55-2	657	653	693	668	3.32	cps
Molybdenum	94-1	4509	4317	4409	4412	2.17	cps
Molybdenum	95-1	5576	5501	5368	5482	1.93	cps
Molybdenum	96-1	6343	6177	6227	6249	1.37	cps
Molybdenum	97-1	3709	3751	3559	3673	2.75	cps
Molybdenum	98-1	8595	8203	9028	8608	4.80	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	263	240	340	281	18.61	cps
Phosphorus	31-2	83	142	125	117	25.75	cps
Potassium	39-2	20265	20832	20064	20387	1.95	cps
Rhodium	103-1	9094157	9209842	9536223	9280074	2.47	cps
Rhodium	103-2	3680420	3524032	3689556	3631336	2.56	cps
Scandium	45-1	7365149	6971251	7056428	7130943	2.91	cps
Scandium	45-2	213779	213945	210835	212853	0.82	cps
Selenium	82-1	478	333	405	405	17.90	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	133	148	143	141	5.41	cps
Silicon	28-1	429579	427688	430237	429168	0.31	cps
Silver	107-1	2950	3050	2792	2931	4.45	cps
Silver	109-1	2600	2934	2625	2720	6.83	cps
Sodium	23-2	23177	23319	23478	23325	0.64	cps
Strontium	86-1	8194	8478	8836	8503	3.78	cps
Strontium	88-1	6385	6502	6468	6452	0.93	cps
Sulfur	34-1	252207	250912	250063	251061	0.43	cps
Terbium	159-1	11437054	11424542	11839340	11566979	2.04	cps
Terbium	159-2	4190180	4207535	4269927	4222547	0.99	cps
Thallium	203-1	2259	2392	2259	2303	3.34	cps
Thallium	205-1	5810	5268	5326	5468	5.44	cps
Tin	118-1	2542	2209	2359	2370	7.05	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:08:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2042	1858	2084	1995	6.00	cps
Uranium	238-1	5093	5143	5026	5087	1.15	cps
Vanadium	51-2	390	367	443	400	9.82	cps
Ytterbium	172-1	50	25	83	53	55.46	cps
Ytterbium	172-2	33	11	17	20	56.76	cps
Ytterbium	176-1	1342	1492	1267	1367	8.38	cps
Ytterbium	176-2	4506	4684	5012	4734	5.42	cps
Yttrium	89-1	16612621	16185443	16685086	16494383	1.64	cps
Yttrium	89-2	1869499	1761653	1833107	1821420	3.01	cps
Zinc	66-2	605	623	545	591	6.93	cps
Zirconium	90-1	3667	4092	4134	3965	6.52	cps
Zirconium	91-1	833	842	1000	892	10.53	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : N1645-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 17:11:05 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	445	465	444	451	2.64	cps
Antimony	121-1	1784	1842	1692	1772	4.27	cps
Arsenic	75-2	56	51	55	54	4.90	cps
Barium	135-1	2434	2342	2459	2411	2.55	cps
Barium	137-1	4117	4468	4401	4329	4.30	cps
Beryllium	9-1	728	652	792	724	9.68	cps
Bismuth	209-1	7059161	6957803	6603967	6873644	3.48	cps
Bismuth	209-2	3003089	2755474	2803531	2854031	4.60	cps
Boron	10-1	4396	4192	4190	4259	2.78	cps
Boron	11-1	17936	18386	17952	18091	1.41	cps
Bromine	81-1	45532	44509	45572	45204	1.33	cps
Cadmium	111-1	615	520	588	574	8.50	cps
Cadmium	106-1	4009	4167	3909	4028	3.23	cps
Cadmium	108-1	54	108	67	76	37.13	cps
Calcium	43-1	1000	964	972	979	1.93	cps
Calcium	44-1	18994	18771	18928	18898	0.61	cps
Carbon	12-1	5133698	5076855	5086926	5099160	0.59	cps
Carbon	12-2	51675	51876	51357	51636	0.51	cps
Chlorine	35-1	228830	228315	226932	228026	0.43	cps
Chlorine	35-2	1884	1733	2059	1892	8.60	cps
Chromium	52-2	1440	1313	1423	1392	4.94	cps
Cobalt	59-2	980	967	867	938	6.61	cps
Copper	63-2	2090	1957	2010	2019	3.32	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	100	142	94	53.18	cps
Erbium	164-2	40	17	27	28	42.13	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	47	70	23	47	50.00	cps
Holmium	165-1	11122865	11167505	11008893	11099755	0.74	cps
Holmium	165-2	4325386	3988741	4082392	4132173	4.20	cps
Indium	115-1	10053025	10150206	9860727	10021319	1.47	cps
Indium	115-2	1540603	1443667	1377634	1453968	5.64	cps
Iron	54-2	1795	1639	1772	1735	4.85	cps
Iron	56-2	24816	25278	25417	25171	1.25	cps
Iron	57-2	606	711	683	667	8.21	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:11:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4890	4940	4939	4923	0.58	cps
Lead	206-1	2306	2384	2234	2308	3.25	cps
Lead	207-1	1872	2178	1967	2006	7.80	cps
Lead	208-1	9124	9640	9024	9263	3.57	cps
Lithium	6-1	4364773	4424234	4513220	4434076	1.68	cps
Magnesium	24-2	5068	4684	4117	4623	10.34	cps
Manganese	55-2	703	690	667	687	2.70	cps
Molybdenum	94-1	4267	4759	4709	4579	5.91	cps
Molybdenum	95-1	5818	5493	5576	5629	3.00	cps
Molybdenum	96-1	6435	6552	6210	6399	2.72	cps
Molybdenum	97-1	3217	3250	3184	3217	1.04	cps
Molybdenum	98-1	8303	9062	8653	8672	4.38	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	273	303	270	282	6.50	cps
Phosphorus	31-2	200	183	142	175	17.17	cps
Potassium	39-2	19889	21049	20140	20359	3.00	cps
Rhodium	103-1	9270141	9637702	9214446	9374096	2.45	cps
Rhodium	103-2	3653535	3378059	3440947	3490847	4.14	cps
Scandium	45-1	6987363	7387395	7169309	7181356	2.79	cps
Scandium	45-2	211987	200391	200454	204277	3.27	cps
Selenium	82-1	471	286	443	400	24.89	cps
Selenium	77-2	13	7	27	16	65.47	cps
Selenium	78-2	149	164	145	153	6.56	cps
Silicon	28-1	425971	432070	430043	429361	0.72	cps
Silver	107-1	2925	3217	2742	2962	8.09	cps
Silver	109-1	2525	2792	2625	2648	5.09	cps
Sodium	23-2	23469	21967	24246	23227	4.99	cps
Strontium	86-1	8595	8211	8311	8372	2.38	cps
Strontium	88-1	6327	5793	5835	5985	4.96	cps
Sulfur	34-1	249396	252609	254644	252216	1.05	cps
Terbium	159-1	11781461	12098526	11637653	11839213	1.99	cps
Terbium	159-2	4313905	3994318	4166329	4158184	3.85	cps
Thallium	203-1	2017	2475	2275	2256	10.19	cps
Thallium	205-1	5084	5318	5393	5265	3.06	cps
Tin	118-1	8976	2684	2767	4809	75.05	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:11:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2034	2125	1717	1959	10.94	cps
Uranium	238-1	4593	5485	4784	4954	9.48	cps
Vanadium	51-2	427	380	397	401	5.90	cps
Ytterbium	172-1	108	67	42	72	46.63	cps
Ytterbium	172-2	11	28	39	26	53.93	cps
Ytterbium	176-1	1358	1425	1258	1347	6.23	cps
Ytterbium	176-2	4595	4240	4440	4425	4.03	cps
Yttrium	89-1	16946315	16685761	16489285	16707120	1.37	cps
Yttrium	89-2	1857062	1733226	1694761	1761683	4.81	cps
Zinc	66-2	638	545	476	553	14.74	cps
Zirconium	90-1	3959	4092	4059	4037	1.72	cps
Zirconium	91-1	742	933	808	828	11.75	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1324	1384	1364	1357	2.25	cps
Antimony	121-1	13057	12923	12890	12956	0.68	cps
Arsenic	75-2	209	204	211	208	1.73	cps
Barium	135-1	17111	17837	18647	17865	4.30	cps
Barium	137-1	31763	31554	31721	31679	0.35	cps
Beryllium	9-1	2594	2712	2580	2628	2.76	cps
Bismuth	209-1	6752292	6749125	6626952	6709456	1.07	cps
Bismuth	209-2	2851982	3025107	2975848	2950979	3.02	cps
Boron	10-1	10894	11354	11756	11335	3.81	cps
Boron	11-1	47971	50312	51521	49935	3.61	cps
Bromine	81-1	47431	45008	46445	46295	2.63	cps
Cadmium	111-1	2183	2086	1964	2078	5.28	cps
Cadmium	106-1	3951	4376	4326	4217	5.51	cps
Cadmium	108-1	213	225	221	219	2.90	cps
Calcium	43-1	14158	14395	14073	14209	1.18	cps
Calcium	44-1	228944	228422	229639	229002	0.27	cps
Carbon	12-1	4897446	4922784	4802511	4874247	1.30	cps
Carbon	12-2	50747	49894	49911	50184	0.97	cps
Chlorine	35-1	211515	210474	213927	211972	0.84	cps
Chlorine	35-2	1642	1725	2000	1789	10.48	cps
Chromium	52-2	4838	4714	4834	4795	1.47	cps
Cobalt	59-2	3394	3617	3470	3494	3.25	cps
Copper	63-2	5821	5735	5935	5830	1.72	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	100	100	86	27.93	cps
Erbium	164-2	33	20	33	29	26.64	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	47	73	73	64	23.88	cps
Holmium	165-1	11268870	11250348	11222474	11247230	0.21	cps
Holmium	165-2	4198707	4281719	4377402	4285943	2.09	cps
Indium	115-1	9990988	9776664	10055993	9941215	1.47	cps
Indium	115-2	1423175	1453975	1465821	1447657	1.52	cps
Iron	54-2	5134	5184	4979	5099	2.10	cps
Iron	56-2	86741	84394	83159	84765	2.15	cps
Iron	57-2	2295	2189	2217	2234	2.45	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4831	4967	4895	4898	1.38	cps
Lead	206-1	5818	5990	6163	5990	2.88	cps
Lead	207-1	5107	5318	5373	5266	2.67	cps
Lead	208-1	23893	24081	24821	24265	2.02	cps
Lithium	6-1	4185255	4373944	4197473	4252224	2.48	cps
Magnesium	24-2	80985	84119	81965	82356	1.95	cps
Manganese	55-2	1253	1183	1143	1193	4.67	cps
Molybdenum	94-1	15367	17044	16519	16310	5.26	cps
Molybdenum	95-1	20065	20891	20641	20532	2.06	cps
Molybdenum	96-1	22544	22402	22836	22594	0.98	cps
Molybdenum	97-1	12389	12915	11822	12375	4.42	cps
Molybdenum	98-1	32706	32313	32748	32589	0.74	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	953	1090	893	979	10.30	cps
Phosphorus	31-2	233	150	183	189	22.21	cps
Potassium	39-2	86484	86577	87097	86719	0.38	cps
Rhodium	103-1	9423036	9496925	9635887	9518616	1.14	cps
Rhodium	103-2	3434225	3762070	3649352	3615216	4.61	cps
Scandium	45-1	7121324	7331943	7198515	7217261	1.48	cps
Scandium	45-2	205059	212737	214965	210920	2.46	cps
Selenium	82-1	739	656	816	737	10.86	cps
Selenium	77-2	20	33	27	27	24.99	cps
Selenium	78-2	175	223	197	198	12.11	cps
Silicon	28-1	485612	498288	496067	493323	1.37	cps
Silver	107-1	9996	10196	10429	10207	2.13	cps
Silver	109-1	9420	10246	10338	10001	5.05	cps
Sodium	23-2	164581	165243	165619	165148	0.32	cps
Strontium	86-1	10096	10121	10905	10374	4.43	cps
Strontium	88-1	23704	23938	23954	23865	0.59	cps
Sulfur	34-1	250039	252158	253752	251983	0.74	cps
Terbium	159-1	11543346	11896330	12062841	11834172	2.24	cps
Terbium	159-2	4169304	4249543	4315895	4244914	1.73	cps
Thallium	203-1	7110	7386	6760	7085	4.42	cps
Thallium	205-1	15693	15718	15593	15668	0.42	cps
Tin	118-1	32974	33918	32965	33286	1.64	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:14:09	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7085	6302	6752	6713	5.86	cps
Uranium	238-1	19065	18681	19382	19043	1.84	cps
Vanadium	51-2	8292	7829	8029	8050	2.89	cps
Ytterbium	172-1	50	50	125	75	57.74	cps
Ytterbium	172-2	44	28	17	30	47.18	cps
Ytterbium	176-1	1358	1258	1425	1347	6.23	cps
Ytterbium	176-2	4056	5107	4695	4619	11.46	cps
Yttrium	89-1	17036724	16444615	17107232	16862857	2.16	cps
Yttrium	89-2	1776707	1920545	1809688	1835647	4.10	cps
Zinc	66-2	1033	927	962	974	5.51	cps
Zirconium	90-1	14566	14416	14566	14516	0.60	cps
Zirconium	91-1	3392	3134	2817	3114	9.25	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1342	1365	1344	1.49	cps
Antimony	121-1	14033	12990	12957	13326	4.59	cps
Arsenic	75-2	231	206	242	226	8.15	cps
Barium	135-1	18630	18780	18580	18663	0.56	cps
Barium	137-1	31813	31362	32181	31785	1.29	cps
Beryllium	9-1	2648	2682	2732	2687	1.57	cps
Bismuth	209-1	6752800	6864048	6709430	6775426	1.18	cps
Bismuth	209-2	2907844	2990060	3013516	2970473	1.87	cps
Boron	10-1	11432	11616	12093	11714	2.91	cps
Boron	11-1	48230	52214	52502	50982	4.68	cps
Bromine	81-1	47169	49771	49348	48763	2.86	cps
Cadmium	111-1	2026	2179	1896	2034	6.98	cps
Cadmium	106-1	4676	4101	4384	4387	6.56	cps
Cadmium	108-1	179	154	242	192	23.51	cps
Calcium	43-1	13901	14040	14161	14034	0.93	cps
Calcium	44-1	229728	228747	229499	229325	0.22	cps
Carbon	12-1	4915406	4833803	4890369	4879860	0.86	cps
Carbon	12-2	50705	51500	50279	50828	1.22	cps
Chlorine	35-1	193551	188958	194294	192268	1.50	cps
Chlorine	35-2	1667	1608	1683	1653	2.38	cps
Chromium	52-2	4898	5001	5071	4990	1.75	cps
Cobalt	59-2	3614	3667	3517	3599	2.11	cps
Copper	63-2	5801	6005	6048	5951	2.21	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	43	20	40	34	36.64	cps
Gadolinium	160-1	117	58	25	67	69.60	cps
Gadolinium	160-2	87	67	77	77	13.04	cps
Holmium	165-1	11410316	11271746	10879891	11187318	2.46	cps
Holmium	165-2	4315836	4308743	4476539	4367039	2.17	cps
Indium	115-1	9946695	9775260	9763410	9828455	1.04	cps
Indium	115-2	1536696	1474484	1577572	1529584	3.39	cps
Iron	54-2	5068	5279	5168	5171	2.04	cps
Iron	56-2	87284	86551	86221	86685	0.63	cps
Iron	57-2	2306	2300	2161	2256	3.63	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4885	4938	4868	4897	0.74	cps
Lead	206-1	6068	6140	5968	6059	1.43	cps
Lead	207-1	5129	5407	5529	5355	3.83	cps
Lead	208-1	24426	24515	24409	24450	0.23	cps
Lithium	6-1	4445914	4325063	4282433	4351137	1.95	cps
Magnesium	24-2	86130	82033	82468	83544	2.69	cps
Manganese	55-2	1287	1140	1200	1209	6.10	cps
Molybdenum	94-1	16260	16936	16677	16624	2.05	cps
Molybdenum	95-1	19464	20916	21175	20518	4.50	cps
Molybdenum	96-1	24030	22919	22894	23281	2.78	cps
Molybdenum	97-1	12606	12881	11972	12487	3.73	cps
Molybdenum	98-1	32530	33316	31787	32545	2.35	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	983	993	903	960	5.14	cps
Phosphorus	31-2	142	225	125	164	32.69	cps
Potassium	39-2	90166	88463	85973	88201	2.39	cps
Rhodium	103-1	9310688	9280667	9165632	9252329	0.83	cps
Rhodium	103-2	3645747	3567562	3670408	3627906	1.48	cps
Scandium	45-1	7116623	7060961	6919491	7032359	1.45	cps
Scandium	45-2	216880	216046	216904	216610	0.23	cps
Selenium	82-1	896	776	665	779	14.84	cps
Selenium	77-2	30	13	30	24	39.37	cps
Selenium	78-2	180	208	216	201	9.39	cps
Silicon	28-1	494879	496727	487927	493178	0.94	cps
Silver	107-1	10946	10788	10988	10907	0.97	cps
Silver	109-1	9637	10237	10154	10009	3.25	cps
Sodium	23-2	165030	164342	162210	163861	0.90	cps
Strontium	86-1	10696	10513	9945	10385	3.77	cps
Strontium	88-1	23446	24029	24105	23860	1.51	cps
Sulfur	34-1	253065	254514	253997	253859	0.29	cps
Terbium	159-1	11902986	11801081	11373372	11692480	2.40	cps
Terbium	159-2	4287135	4430386	4565717	4427746	3.15	cps
Thallium	203-1	7077	7194	7236	7169	1.15	cps
Thallium	205-1	16135	15652	16077	15955	1.66	cps
Tin	118-1	33202	32840	33734	33259	1.35	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:20:15	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6877	6802	6919	6866	0.86	cps
Uranium	238-1	17905	18956	19115	18659	3.53	cps
Vanadium	51-2	8102	8156	8039	8099	0.72	cps
Ytterbium	172-1	67	83	25	58	51.51	cps
Ytterbium	172-2	22	44	22	30	43.32	cps
Ytterbium	176-1	1450	1267	1000	1239	18.27	cps
Ytterbium	176-2	4573	5084	4957	4871	5.46	cps
Yttrium	89-1	16601684	16318647	16369584	16429972	0.92	cps
Yttrium	89-2	1823069	1866124	1874972	1854722	1.50	cps
Zinc	66-2	928	1020	972	973	4.77	cps
Zirconium	90-1	14149	13699	15025	14291	4.72	cps
Zirconium	91-1	3217	3275	3200	3231	1.22	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : N1645-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 17:23:16 DataFile Name : 035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1377	1380	1329	1362	2.12	cps
Antimony	121-1	13307	12715	13849	13290	4.27	cps
Arsenic	75-2	246	240	202	229	10.41	cps
Barium	135-1	18538	19256	18029	18608	3.31	cps
Barium	137-1	32824	31721	32364	32303	1.71	cps
Beryllium	9-1	2890	2620	2752	2754	4.90	cps
Bismuth	209-1	6948128	6986944	5365152	6433408	14.38	cps
Bismuth	209-2	3079274	2982688	3046730	3036230	1.62	cps
Boron	10-1	11486	11819	12281	11862	3.36	cps
Boron	11-1	51187	51977	52373	51846	1.16	cps
Bromine	81-1	46194	46999	47128	46774	1.08	cps
Cadmium	111-1	1991	2169	2038	2066	4.46	cps
Cadmium	106-1	4042	4351	3667	4020	8.51	cps
Cadmium	108-1	196	167	254	206	21.67	cps
Calcium	43-1	14200	14274	14240	14238	0.26	cps
Calcium	44-1	232906	231243	231619	231922	0.38	cps
Carbon	12-1	4973184	4801754	4863868	4879602	1.78	cps
Carbon	12-2	51901	50864	51140	51302	1.05	cps
Chlorine	35-1	181951	184062	182013	182675	0.66	cps
Chlorine	35-2	1492	1583	1467	1514	4.06	cps
Chromium	52-2	4988	5194	5064	5082	2.06	cps
Cobalt	59-2	3744	3627	3520	3631	3.08	cps
Copper	63-2	5781	5775	6048	5868	2.66	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	37	17	30	28	36.66	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	80	93	50	74	29.81	cps
Holmium	165-1	10994297	11308500	8924110	10408969	12.45	cps
Holmium	165-2	4319900	4336635	4402985	4353173	1.01	cps
Indium	115-1	9911051	10149417	8054688	9371719	12.24	cps
Indium	115-2	1453546	1493498	1561224	1502756	3.62	cps
Iron	54-2	5446	5790	5351	5529	4.18	cps
Iron	56-2	87892	87954	85343	87063	1.71	cps
Iron	57-2	2511	2189	2217	2306	7.75	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:23:16	DataFile Name :	035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4804	4788	4711	4768	1.04	cps
Lead	206-1	5790	6168	6213	6057	3.83	cps
Lead	207-1	5218	5084	5190	5164	1.36	cps
Lead	208-1	23464	24287	24415	24056	2.14	cps
Lithium	6-1	4466385	4447876	3709855	4208038	10.26	cps
Magnesium	24-2	85921	86258	86651	86276	0.42	cps
Manganese	55-2	1157	1190	1167	1171	1.46	cps
Molybdenum	94-1	16635	17203	17194	17011	1.91	cps
Molybdenum	95-1	20290	20782	20641	20571	1.23	cps
Molybdenum	96-1	24272	23170	23521	23654	2.38	cps
Molybdenum	97-1	12648	13031	12956	12878	1.58	cps
Molybdenum	98-1	33132	33391	33800	33441	1.01	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1027	957	967	983	3.85	cps
Phosphorus	31-2	142	217	250	203	27.36	cps
Potassium	39-2	88782	90258	88094	89044	1.24	cps
Rhodium	103-1	9285374	9799035	7658626	8914345	12.53	cps
Rhodium	103-2	3689574	3605263	3666995	3653944	1.19	cps
Scandium	45-1	7411464	7279004	5845710	6845393	12.68	cps
Scandium	45-2	212483	213876	216606	214321	0.98	cps
Selenium	82-1	875	1025	1155	1019	13.76	cps
Selenium	77-2	20	20	17	19	10.18	cps
Selenium	78-2	205	225	207	212	5.19	cps
Silicon	28-1	495839	490063	529117	505006	4.17	cps
Silver	107-1	10671	10671	10988	10777	1.70	cps
Silver	109-1	10287	9829	10079	10065	2.28	cps
Sodium	23-2	170176	166692	165654	167508	1.41	cps
Strontium	86-1	10521	10638	10629	10596	0.61	cps
Strontium	88-1	23721	23704	24472	23966	1.83	cps
Sulfur	34-1	256210	257381	255406	256332	0.39	cps
Terbium	159-1	11751089	12142207	9798967	11230754	11.18	cps
Terbium	159-2	4333194	4374217	4550370	4419261	2.61	cps
Thallium	203-1	6469	6527	6760	6585	2.34	cps
Thallium	205-1	16377	15969	16260	16202	1.30	cps
Tin	118-1	32890	32230	32966	32695	1.24	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:23:16	DataFile Name :	035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6768	6552	6693	6671	1.65	cps
Uranium	238-1	18639	19132	19557	19109	2.40	cps
Vanadium	51-2	8723	8536	8573	8610	1.15	cps
Ytterbium	172-1	67	117	42	75	50.92	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	1433	1533	1100	1356	16.74	cps
Ytterbium	176-2	4506	4829	5423	4920	9.46	cps
Yttrium	89-1	17186030	17230404	13600399	16005611	13.01	cps
Yttrium	89-2	1851962	1866877	1885736	1868192	0.91	cps
Zinc	66-2	1026	897	1038	987	7.92	cps
Zirconium	90-1	15559	13907	14374	14614	5.83	cps
Zirconium	91-1	3325	3384	3067	3259	5.17	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : N1645-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT1-2022 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 17:26:20 DataFile Name : 036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1345	1364	1402	1370	2.14	cps
Antimony	121-1	12748	13457	13023	13076	2.73	cps
Arsenic	75-2	256	258	245	253	2.77	cps
Barium	135-1	17253	17645	18455	17784	3.45	cps
Barium	137-1	32014	32306	30385	31568	3.28	cps
Beryllium	9-1	2774	2672	2714	2720	1.89	cps
Bismuth	209-1	7047161	6731750	6869657	6882856	2.30	cps
Bismuth	209-2	3029128	3010639	2922292	2987353	1.91	cps
Boron	10-1	11384	12193	12577	12051	5.05	cps
Boron	11-1	49343	50289	53243	50958	3.99	cps
Bromine	81-1	45814	47963	46034	46604	2.54	cps
Cadmium	111-1	1868	2055	2001	1974	4.87	cps
Cadmium	106-1	4976	4476	4593	4681	5.59	cps
Cadmium	108-1	213	254	196	221	13.61	cps
Calcium	43-1	13859	14080	13930	13956	0.81	cps
Calcium	44-1	228490	233632	227919	230014	1.37	cps
Carbon	12-1	5137830	5129858	5040788	5102826	1.06	cps
Carbon	12-2	52544	53540	52528	52871	1.10	cps
Chlorine	35-1	171265	174097	174848	173403	1.09	cps
Chlorine	35-2	1617	1483	1317	1472	10.21	cps
Chromium	52-2	4981	5021	5054	5019	0.73	cps
Cobalt	59-2	3681	3767	3527	3658	3.32	cps
Copper	63-2	5895	5998	5895	5929	1.01	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	100	100	125	108	13.32	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	107	63	47	72	42.88	cps
Holmium	165-1	11544238	11417732	10985976	11315982	2.59	cps
Holmium	165-2	4365894	4357415	4400048	4374452	0.52	cps
Indium	115-1	10411448	10205191	9886428	10167689	2.60	cps
Indium	115-2	1488658	1564769	1558199	1537209	2.74	cps
Iron	54-2	5034	5184	4829	5016	3.56	cps
Iron	56-2	86814	84924	84802	85513	1.32	cps
Iron	57-2	2178	2378	2072	2209	7.03	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:26:20	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4894	4834	4830	4853	0.74	cps
Lead	206-1	5801	6052	5901	5918	2.13	cps
Lead	207-1	5207	5262	5412	5294	2.01	cps
Lead	208-1	23859	23831	24676	24122	1.99	cps
Lithium	6-1	4627018	4558679	4318490	4501396	3.60	cps
Magnesium	24-2	81789	86248	81547	83195	3.18	cps
Manganese	55-2	1313	1247	1250	1270	2.96	cps
Molybdenum	94-1	17069	17753	17395	17406	1.97	cps
Molybdenum	95-1	20983	20716	20007	20569	2.45	cps
Molybdenum	96-1	22677	21467	23178	22441	3.92	cps
Molybdenum	97-1	12523	12206	12439	12389	1.33	cps
Molybdenum	98-1	32130	32480	33032	32547	1.40	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1010	1040	947	999	4.77	cps
Phosphorus	31-2	133	167	158	153	11.35	cps
Potassium	39-2	87800	86854	87114	87256	0.56	cps
Rhodium	103-1	9770074	9658018	9317158	9581750	2.46	cps
Rhodium	103-2	3581669	3655391	3653693	3630251	1.16	cps
Scandium	45-1	7489820	7319705	7175077	7328201	2.15	cps
Scandium	45-2	220086	219701	214100	217962	1.54	cps
Selenium	82-1	739	680	900	773	14.74	cps
Selenium	77-2	30	30	47	36	27.07	cps
Selenium	78-2	199	184	191	191	3.92	cps
Silicon	28-1	494044	502810	489342	495399	1.38	cps
Silver	107-1	10829	10621	10830	10760	1.12	cps
Silver	109-1	9612	9870	9937	9807	1.75	cps
Sodium	23-2	160640	165834	162082	162852	1.65	cps
Strontium	86-1	10488	10221	9920	10210	2.78	cps
Strontium	88-1	24389	23404	22719	23504	3.57	cps
Sulfur	34-1	250412	257034	258186	255211	1.64	cps
Terbium	159-1	12184039	11692250	11813519	11896603	2.15	cps
Terbium	159-2	4452211	4373378	4332464	4386018	1.39	cps
Thallium	203-1	6869	7302	7144	7105	3.09	cps
Thallium	205-1	16244	16119	15869	16077	1.19	cps
Tin	118-1	33985	34010	32188	33394	3.13	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:26:20	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6593	6643	6618	6618	0.38	cps
Uranium	238-1	19323	19107	18764	19065	1.48	cps
Vanadium	51-2	8132	8192	8683	8336	3.62	cps
Ytterbium	172-1	108	92	25	75	58.80	cps
Ytterbium	172-2	11	39	6	19	96.42	cps
Ytterbium	176-1	1233	1342	1300	1292	4.23	cps
Ytterbium	176-2	4618	4740	4818	4725	2.13	cps
Yttrium	89-1	17644721	16573872	16132269	16783621	4.63	cps
Yttrium	89-2	1864556	1881804	1824458	1856940	1.58	cps
Zinc	66-2	987	956	905	949	4.36	cps
Zirconium	90-1	14124	14216	14124	14155	0.37	cps
Zirconium	91-1	3401	3242	3100	3248	4.62	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1305	1465	1481	1417	6.87	cps
Antimony	121-1	13565	13248	13557	13457	1.34	cps
Arsenic	75-2	225	249	244	239	5.29	cps
Barium	135-1	17787	18029	17562	17793	1.31	cps
Barium	137-1	30744	31546	30719	31003	1.52	cps
Beryllium	9-1	2688	2782	2702	2724	1.86	cps
Bismuth	209-1	6656054	6843975	6850992	6783674	1.63	cps
Bismuth	209-2	2963095	3009850	2991637	2988194	0.79	cps
Boron	10-1	10816	11518	12011	11448	5.24	cps
Boron	11-1	49358	50925	52279	50854	2.87	cps
Bromine	81-1	49289	46547	46727	47521	3.23	cps
Cadmium	111-1	2025	2228	2035	2096	5.47	cps
Cadmium	106-1	4334	4426	3951	4237	5.95	cps
Cadmium	108-1	229	154	192	192	19.56	cps
Calcium	43-1	14282	14093	13806	14060	1.70	cps
Calcium	44-1	228497	229354	231224	229692	0.61	cps
Carbon	12-1	5040601	5059082	5092180	5063954	0.52	cps
Carbon	12-2	52403	52202	54720	53108	2.63	cps
Chlorine	35-1	167370	164613	166115	166033	0.83	cps
Chlorine	35-2	1500	1392	1250	1381	9.08	cps
Chromium	52-2	5111	4928	4848	4962	2.72	cps
Cobalt	59-2	3610	3821	3797	3743	3.08	cps
Copper	63-2	6118	5938	5938	5998	1.73	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	58	83	58	42.87	cps
Erbium	164-2	30	20	30	27	21.65	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Gadolinium	160-2	73	127	107	102	26.36	cps
Holmium	165-1	11103655	11126591	11016852	11082366	0.52	cps
Holmium	165-2	4392124	4360075	4220338	4324179	2.11	cps
Indium	115-1	9941955	9917242	9747304	9868834	1.07	cps
Indium	115-2	1543894	1565234	1476056	1528395	3.05	cps
Iron	54-2	5296	5390	4979	5221	4.13	cps
Iron	56-2	86327	83483	84439	84750	1.71	cps
Iron	57-2	2061	2211	2184	2152	3.71	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4947	4989	4765	4900	2.43	cps
Lead	206-1	5968	5885	6218	6024	2.88	cps
Lead	207-1	5179	5257	4990	5142	2.67	cps
Lead	208-1	23475	24165	24254	23965	1.78	cps
Lithium	6-1	4534797	4382406	4227605	4381602	3.51	cps
Magnesium	24-2	83113	85251	81698	83354	2.15	cps
Manganese	55-2	1233	1320	1250	1268	3.63	cps
Molybdenum	94-1	15926	16235	16510	16224	1.80	cps
Molybdenum	95-1	20674	20891	20666	20744	0.62	cps
Molybdenum	96-1	22569	23470	22853	22964	2.01	cps
Molybdenum	97-1	12598	12723	12881	12734	1.12	cps
Molybdenum	98-1	31912	33257	33240	32803	2.35	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1010	840	1020	957	10.57	cps
Phosphorus	31-2	200	233	150	194	21.57	cps
Potassium	39-2	88035	86844	88211	87697	0.85	cps
Rhodium	103-1	9256483	9160087	9287120	9234563	0.72	cps
Rhodium	103-2	3649965	3552422	3605140	3602509	1.36	cps
Scandium	45-1	6945456	7258991	7224592	7143013	2.41	cps
Scandium	45-2	214755	208892	215222	212956	1.66	cps
Selenium	82-1	735	746	1103	861	24.27	cps
Selenium	77-2	27	30	30	29	6.65	cps
Selenium	78-2	213	206	187	202	6.66	cps
Silicon	28-1	489853	496800	494406	493686	0.71	cps
Silver	107-1	10546	10688	10646	10627	0.69	cps
Silver	109-1	10304	10146	10137	10196	0.92	cps
Sodium	23-2	168482	167848	170275	168868	0.75	cps
Strontium	86-1	10496	10246	10196	10312	1.56	cps
Strontium	88-1	23788	24480	23078	23782	2.95	cps
Sulfur	34-1	254735	256236	257821	256264	0.60	cps
Terbium	159-1	12050801	12028734	11530508	11870014	2.48	cps
Terbium	159-2	4291569	4321679	4331296	4314848	0.48	cps
Thallium	203-1	6485	6327	6560	6457	1.85	cps
Thallium	205-1	15952	16586	15585	16041	3.16	cps
Tin	118-1	33266	31487	32656	32470	2.78	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:29:41	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6385	6894	6477	6585	4.12	cps
Uranium	238-1	19891	18647	19382	19307	3.24	cps
Vanadium	51-2	7972	8142	8126	8080	1.16	cps
Ytterbium	172-1	75	83	117	92	24.05	cps
Ytterbium	172-2	6	44	28	26	75.24	cps
Ytterbium	176-1	1217	1242	1325	1261	4.50	cps
Ytterbium	176-2	4579	4656	5084	4773	5.71	cps
Yttrium	89-1	16994110	16894161	16371804	16753358	1.99	cps
Yttrium	89-2	1802953	1805520	1853048	1820507	1.55	cps
Zinc	66-2	838	942	1016	932	9.62	cps
Zirconium	90-1	14358	14241	13982	14194	1.35	cps
Zirconium	91-1	3134	3067	3059	3087	1.33	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3688333	3534424	3668550	3630436	2.31	cps
Antimony	121-1	3783287	3661357	3681361	3708668	1.76	cps
Arsenic	75-2	104033	102952	101698	102894	1.14	cps
Barium	135-1	5065949	5009929	5016656	5030845	0.61	cps
Barium	137-1	8740468	8751157	8535846	8675824	1.40	cps
Beryllium	9-1	1380643	1345780	1372315	1366246	1.33	cps
Bismuth	209-1	6567693	6741601	6358565	6555953	2.93	cps
Bismuth	209-2	2961735	2873999	2925584	2920439	1.51	cps
Boron	10-1	317261	333251	337461	329324	3.24	cps
Boron	11-1	1382799	1408922	1413019	1401580	1.17	cps
Bromine	81-1	42217	41816	42037	42023	0.48	cps
Cadmium	111-1	956340	951851	963711	957301	0.63	cps
Cadmium	106-1	116804	115786	111843	114811	2.28	cps
Cadmium	108-1	79105	78435	77998	78513	0.71	cps
Calcium	43-1	7384349	7432017	7421123	7412497	0.34	cps
Calcium	44-1	119584462	119981083	118867042	119477529	0.47	cps
Carbon	12-1	6337750	6466930	6407770	6404150	1.01	cps
Carbon	12-2	75972	75134	75076	75394	0.66	cps
Chlorine	35-1	146200	148928	147893	147673	0.93	cps
Chlorine	35-2	1233	1183	1150	1189	3.53	cps
Chromium	52-2	1066360	1040655	1032882	1046632	1.67	cps
Cobalt	59-2	1905710	1831728	1830994	1856144	2.31	cps
Copper	63-2	14022816	13705451	13721559	13816609	1.29	cps
Dysprosium	156-1	583	542	508	544	6.90	cps
Dysprosium	156-2	150	183	190	174	12.29	cps
Erbium	164-1	183	142	133	153	17.53	cps
Erbium	164-2	47	40	60	49	20.83	cps
Gadolinium	160-1	558	433	492	494	12.65	cps
Gadolinium	160-2	210	253	270	244	12.67	cps
Holmium	165-1	11761021	11786018	11811920	11786320	0.22	cps
Holmium	165-2	4650856	4490116	4469778	4536916	2.19	cps
Indium	115-1	9499570	9740468	9763269	9667769	1.51	cps
Indium	115-2	1437999	1517020	1499724	1484915	2.80	cps
Iron	54-2	12082710	11909668	11921065	11971147	0.81	cps
Iron	56-2	215915788	221697316	212906560	216839888	2.06	cps
Iron	57-2	5443148	5435101	5454282	5444177	0.18	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4628	4653	4564	4615	0.99	cps
Lead	206-1	14376170	14678832	14393299	14482767	1.17	cps
Lead	207-1	12583038	12523032	12274975	12460348	1.31	cps
Lead	208-1	57571555	58364237	56357260	57431018	1.76	cps
Lithium	6-1	4857712	4941368	4816917	4871999	1.30	cps
Magnesium	24-2	45796381	43468348	45109573	44791434	2.67	cps
Manganese	55-2	6157582	6119997	6053026	6110202	0.87	cps
Molybdenum	94-1	14609033	14931543	14818102	14786226	1.11	cps
Molybdenum	95-1	21648045	21314442	21531645	21498044	0.79	cps
Molybdenum	96-1	23432623	23368032	23504715	23435123	0.29	cps
Molybdenum	97-1	13182508	13101167	13106545	13130073	0.35	cps
Molybdenum	98-1	34208922	34251936	33844875	34101911	0.66	cps
Neodymium	150-1	340	353	440	378	14.37	cps
Neodymium	150-2	37	57	57	50	23.09	cps
Nickel	60-2	488656	483315	464507	478826	2.65	cps
Phosphorus	31-2	38485	38260	37858	38201	0.83	cps
Potassium	39-2	19202974	18669026	18655147	18842382	1.66	cps
Rhodium	103-1	8733836	8665579	8587189	8662201	0.85	cps
Rhodium	103-2	3460760	3331239	3387895	3393298	1.91	cps
Scandium	45-1	7268899	7426776	7145156	7280277	1.94	cps
Scandium	45-2	226051	221944	219683	222559	1.45	cps
Selenium	82-1	84619	84928	85012	84853	0.24	cps
Selenium	77-2	2770	2460	2690	2640	6.10	cps
Selenium	78-2	8773	8598	8817	8729	1.32	cps
Silicon	28-1	26286216	26246142	25959364	26163907	0.68	cps
Silver	107-1	5441799	5570326	5420396	5477507	1.48	cps
Silver	109-1	5240429	5044978	5150729	5145379	1.90	cps
Sodium	23-2	85872219	82730331	85313562	84638704	1.98	cps
Strontium	86-1	1488256	1481498	1535665	1501806	1.97	cps
Strontium	88-1	12806567	12704984	12763969	12758507	0.40	cps
Sulfur	34-1	783692	769673	774221	775862	0.92	cps
Terbium	159-1	12133105	11866630	12264420	12088051	1.68	cps
Terbium	159-2	4506464	4516793	4510059	4511106	0.12	cps
Thallium	203-1	3580594	3587293	3549467	3572451	0.57	cps
Thallium	205-1	8366120	8307589	8400798	8358169	0.56	cps
Tin	118-1	3460706	3430102	3387944	3426251	1.07	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:48:17	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6749752	6932166	6622730	6768216	2.30	cps
Uranium	238-1	11660087	11419963	11164967	11415006	2.17	cps
Vanadium	51-2	871806	849155	856888	859283	1.34	cps
Ytterbium	172-1	133	192	167	164	17.86	cps
Ytterbium	172-2	61	50	83	65	26.18	cps
Ytterbium	176-1	16327	16152	15376	15952	3.17	cps
Ytterbium	176-2	10443	10299	10827	10523	2.59	cps
Yttrium	89-1	17146113	17107430	16909260	17054268	0.75	cps
Yttrium	89-2	1866352	1824855	1891770	1860992	1.82	cps
Zinc	66-2	1778857	1840077	1768650	1795861	2.15	cps
Zirconium	90-1	7777918	7685506	7603975	7689133	1.13	cps
Zirconium	91-1	1764918	1745838	1755124	1755293	0.54	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P8
 Client Sample ID : CCB45 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 17:55:02 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111	107	91	103	10.29	cps
Antimony	121-1	592	758	1000	783	26.21	cps
Arsenic	75-2	10	5	7	7	34.32	cps
Barium	135-1	108	67	25	67	62.50	cps
Barium	137-1	158	67	108	111	41.31	cps
Beryllium	9-1	140	130	124	131	6.15	cps
Bismuth	209-1	7134115	7004085	7158507	7098902	1.17	cps
Bismuth	209-2	3079094	3089267	3176707	3115023	1.72	cps
Boron	10-1	19291	18360	18010	18553	3.57	cps
Boron	11-1	80824	80152	78084	79687	1.79	cps
Bromine	81-1	43565	44408	44096	44023	0.97	cps
Cadmium	111-1	125	98	107	110	12.82	cps
Cadmium	106-1	4167	3826	3909	3967	4.49	cps
Cadmium	108-1	71	46	58	58	21.43	cps
Calcium	43-1	315	272	300	296	7.29	cps
Calcium	44-1	8296	7804	7770	7957	3.70	cps
Carbon	12-1	5618053	5667071	5635615	5640246	0.44	cps
Carbon	12-2	60124	60734	62936	61265	2.41	cps
Chlorine	35-1	137709	141968	138022	139233	1.70	cps
Chlorine	35-2	1117	1133	1108	1120	1.14	cps
Chromium	52-2	880	793	873	849	5.68	cps
Cobalt	59-2	70	77	53	67	18.03	cps
Copper	63-2	883	840	790	838	5.58	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	92	75	42	69	36.66	cps
Erbium	164-2	40	30	53	41	28.47	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	47	93	87	76	33.40	cps
Holmium	165-1	11387942	11372440	11400223	11386868	0.12	cps
Holmium	165-2	4509732	4496821	4414105	4473553	1.16	cps
Indium	115-1	10289267	10250117	10203546	10247643	0.42	cps
Indium	115-2	1565168	1567044	1576902	1569705	0.40	cps
Iron	54-2	617	644	633	632	2.21	cps
Iron	56-2	5401	5696	5490	5529	2.73	cps
Iron	57-2	200	144	183	176	16.21	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:55:02	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4794	4720	4684	4733	1.18	cps
Lead	206-1	1506	1428	1700	1545	9.08	cps
Lead	207-1	1417	1161	1256	1278	10.11	cps
Lead	208-1	6034	5884	6034	5984	1.45	cps
Lithium	6-1	4655908	5147877	5047340	4950375	5.25	cps
Magnesium	24-2	667	608	633	636	4.60	cps
Manganese	55-2	90	63	83	79	17.59	cps
Molybdenum	94-1	667	592	592	617	7.02	cps
Molybdenum	95-1	800	525	525	617	25.75	cps
Molybdenum	96-1	1417	1125	817	1120	26.80	cps
Molybdenum	97-1	383	425	342	383	10.87	cps
Molybdenum	98-1	1267	1050	1175	1164	9.34	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	73	23	57	51	49.81	cps
Phosphorus	31-2	100	58	100	86	27.93	cps
Potassium	39-2	19956	18996	20173	19708	3.18	cps
Rhodium	103-1	9471473	9502538	9490694	9488235	0.17	cps
Rhodium	103-2	3690081	3654603	3664982	3669889	0.50	cps
Scandium	45-1	7333600	7203315	7330764	7289226	1.02	cps
Scandium	45-2	218886	215702	219342	217977	0.91	cps
Selenium	82-1	-34	66	-71	-13	-550.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	114	104	97	105	8.14	cps
Silicon	28-1	436744	430513	432726	433327	0.73	cps
Silver	107-1	675	908	758	781	15.15	cps
Silver	109-1	692	658	617	656	5.73	cps
Sodium	23-2	31476	32111	30616	31401	2.39	cps
Strontium	86-1	7427	7794	7552	7591	2.46	cps
Strontium	88-1	383	217	258	286	30.32	cps
Sulfur	34-1	228320	228640	231365	229442	0.73	cps
Terbium	159-1	12566253	11938144	11989350	12164582	2.87	cps
Terbium	159-2	4477723	4425422	4563710	4488952	1.56	cps
Thallium	203-1	967	983	967	972	0.99	cps
Thallium	205-1	1959	2192	2259	2136	7.38	cps
Tin	118-1	867	842	783	831	5.15	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 17:55:02	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	350	442	381	13.91	cps
Uranium	238-1	133	183	117	144	24.02	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Ytterbium	172-1	100	83	75	86	14.78	cps
Ytterbium	172-2	44	22	17	28	52.92	cps
Ytterbium	176-1	1183	1333	1175	1231	7.24	cps
Ytterbium	176-2	4690	4862	5262	4938	5.95	cps
Yttrium	89-1	16814936	17140439	16615434	16856936	1.57	cps
Yttrium	89-2	1820315	1886616	1849780	1852237	1.79	cps
Zinc	66-2	283	233	203	239	16.85	cps
Zirconium	90-1	733	817	717	756	7.09	cps
Zirconium	91-1	133	175	233	181	27.82	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : N1331-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT1-2022-01 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 18:01:59 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687	762	749	733	5.45	cps
Antimony	121-1	6093	5968	6118	6060	1.33	cps
Arsenic	75-2	99	116	104	106	8.22	cps
Barium	135-1	7602	7869	8103	7858	3.19	cps
Barium	137-1	13599	13173	13682	13485	2.02	cps
Beryllium	9-1	1294	1328	1248	1290	3.11	cps
Bismuth	209-1	7101124	7161360	6308355	6856946	6.94	cps
Bismuth	209-2	3188041	3195590	2948843	3110825	4.51	cps
Boron	10-1	12545	12553	12565	12554	0.08	cps
Boron	11-1	54878	54173	55755	54935	1.44	cps
Bromine	81-1	45160	43212	44478	44283	2.23	cps
Cadmium	111-1	852	916	911	893	3.97	cps
Cadmium	106-1	4684	4092	4009	4262	8.64	cps
Cadmium	108-1	129	113	96	113	14.81	cps
Calcium	43-1	6003	6141	6296	6146	2.38	cps
Calcium	44-1	102019	102569	103698	102762	0.83	cps
Carbon	12-1	5329246	5410288	5265270	5334934	1.36	cps
Carbon	12-2	55723	58015	57564	57101	2.13	cps
Chlorine	35-1	129989	132385	132395	131590	1.05	cps
Chlorine	35-2	1233	1150	1325	1236	7.08	cps
Chromium	52-2	2644	2570	2604	2606	1.41	cps
Cobalt	59-2	1657	1553	1567	1592	3.53	cps
Copper	63-2	3407	3247	3100	3252	4.72	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	83	142	58	94	45.28	cps
Erbium	164-2	40	30	43	38	18.36	cps
Gadolinium	160-1	83	42	33	53	50.76	cps
Gadolinium	160-2	77	70	73	73	4.55	cps
Holmium	165-1	11610024	11770390	10247415	11209276	7.47	cps
Holmium	165-2	4423932	4561231	4468541	4484568	1.56	cps
Indium	115-1	10156041	10281802	9267762	9901868	5.58	cps
Indium	115-2	1577148	1558696	1456841	1530895	4.23	cps
Iron	54-2	8264	8586	8258	8369	2.24	cps
Iron	56-2	146699	146810	141957	145155	1.91	cps
Iron	57-2	3767	3806	3673	3749	1.83	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:01:59	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4610	4874	4684	4723	2.88	cps
Lead	206-1	3412	3723	3556	3564	4.37	cps
Lead	207-1	2884	3184	3012	3026	4.98	cps
Lead	208-1	13636	14198	13681	13838	2.25	cps
Lithium	6-1	4925530	4753910	4612891	4764110	3.29	cps
Magnesium	24-2	37725	37708	37825	37753	0.17	cps
Manganese	55-2	783	723	663	723	8.29	cps
Molybdenum	94-1	7486	7202	7544	7411	2.47	cps
Molybdenum	95-1	9153	8811	8903	8956	1.98	cps
Molybdenum	96-1	9796	9604	10054	9818	2.30	cps
Molybdenum	97-1	5468	5401	5468	5446	0.71	cps
Molybdenum	98-1	13490	14341	13857	13896	3.07	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	493	493	387	458	13.45	cps
Phosphorus	31-2	83	167	117	122	34.31	cps
Potassium	39-2	48650	49837	48047	48844	1.86	cps
Rhodium	103-1	9662057	9728329	8916616	9435667	4.78	cps
Rhodium	103-2	3763593	3680787	3667310	3703897	1.41	cps
Scandium	45-1	7194838	7492515	6645913	7111089	6.04	cps
Scandium	45-2	221970	213987	215976	217311	1.91	cps
Selenium	82-1	579	313	418	436	30.74	cps
Selenium	77-2	17	10	20	16	32.73	cps
Selenium	78-2	137	152	148	146	5.34	cps
Silicon	28-1	444095	449097	446698	446630	0.56	cps
Silver	107-1	4526	4759	4401	4562	3.99	cps
Silver	109-1	4001	4134	4718	4284	8.90	cps
Sodium	23-2	87371	85593	86968	86644	1.08	cps
Strontium	86-1	8478	8686	8870	8678	2.26	cps
Strontium	88-1	9662	10404	10421	10162	4.26	cps
Sulfur	34-1	243317	239216	241581	241371	0.85	cps
Terbium	159-1	12000339	12112614	10850886	11654613	5.99	cps
Terbium	159-2	4415203	4496282	4445076	4452187	0.92	cps
Thallium	203-1	3150	3209	3184	3181	0.92	cps
Thallium	205-1	7711	7853	8036	7867	2.07	cps
Tin	118-1	13882	14275	14333	14163	1.73	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:01:59	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3150	2900	2942	2998	4.47	cps
Uranium	238-1	8095	8278	8253	8208	1.21	cps
Vanadium	51-2	3414	3564	3454	3477	2.23	cps
Ytterbium	172-1	58	92	83	78	22.30	cps
Ytterbium	172-2	39	17	22	26	44.60	cps
Ytterbium	176-1	1383	1350	1292	1342	3.46	cps
Ytterbium	176-2	4840	5084	4807	4910	3.09	cps
Yttrium	89-1	16885033	16648262	15463106	16332134	4.66	cps
Yttrium	89-2	1875828	1873395	1834767	1861330	1.24	cps
Zinc	66-2	585	509	509	535	8.19	cps
Zirconium	90-1	6318	6102	6101	6174	2.03	cps
Zirconium	91-1	1608	1392	1317	1439	10.53	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	646	641	642	0.51	cps
Antimony	121-1	5810	6027	5676	5838	3.03	cps
Arsenic	75-2	94	113	99	102	9.65	cps
Barium	135-1	7336	7386	7744	7488	2.98	cps
Barium	137-1	13449	12756	13257	13154	2.72	cps
Beryllium	9-1	1364	1384	1258	1335	5.07	cps
Bismuth	209-1	6750572	6938454	6895163	6861396	1.43	cps
Bismuth	209-2	3054299	2998595	3000467	3017787	1.05	cps
Boron	10-1	11208	11911	11196	11438	3.58	cps
Boron	11-1	50431	50886	50433	50583	0.52	cps
Bromine	81-1	42680	43764	42298	42914	1.77	cps
Cadmium	111-1	957	767	852	859	11.10	cps
Cadmium	106-1	4493	4351	4176	4340	3.66	cps
Cadmium	108-1	125	163	117	135	18.12	cps
Calcium	43-1	5937	6323	5986	6082	3.46	cps
Calcium	44-1	100359	100900	100129	100463	0.39	cps
Carbon	12-1	5359343	5361035	5296562	5338980	0.69	cps
Carbon	12-2	57748	57857	55866	57157	1.96	cps
Chlorine	35-1	130166	134875	133210	132750	1.80	cps
Chlorine	35-2	1158	1050	1092	1100	4.97	cps
Chromium	52-2	2517	2317	2610	2481	6.04	cps
Cobalt	59-2	1370	1700	1587	1552	10.80	cps
Copper	63-2	2677	2550	2924	2717	6.99	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	75	67	67	12.50	cps
Erbium	164-2	30	47	30	36	27.07	cps
Gadolinium	160-1	50	50	117	72	53.30	cps
Gadolinium	160-2	67	57	67	63	9.12	cps
Holmium	165-1	11180510	11226888	11327890	11245096	0.67	cps
Holmium	165-2	4404130	4340311	4484519	4409653	1.64	cps
Indium	115-1	9606747	9660352	9830698	9699266	1.21	cps
Indium	115-2	1571998	1520287	1539309	1543865	1.69	cps
Iron	54-2	7930	7963	8080	7991	0.99	cps
Iron	56-2	137605	138716	137717	138013	0.44	cps
Iron	57-2	3406	3639	3462	3502	3.48	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4701	4591	4701	4665	1.36	cps
Lead	206-1	3345	3434	3356	3378	1.43	cps
Lead	207-1	3239	2784	2811	2945	8.67	cps
Lead	208-1	13620	13603	13425	13549	0.80	cps
Lithium	6-1	4673176	4706896	4703631	4694568	0.40	cps
Magnesium	24-2	36647	36380	34893	35973	2.63	cps
Manganese	55-2	583	540	580	568	4.25	cps
Molybdenum	94-1	6969	7119	6685	6924	3.18	cps
Molybdenum	95-1	8928	8061	7877	8289	6.77	cps
Molybdenum	96-1	10087	9954	10504	10182	2.82	cps
Molybdenum	97-1	5885	5284	4959	5376	8.73	cps
Molybdenum	98-1	13832	14158	13407	13799	2.73	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	367	483	413	421	13.94	cps
Phosphorus	31-2	142	183	133	153	17.53	cps
Potassium	39-2	46693	46325	47003	46673	0.73	cps
Rhodium	103-1	9078667	9569067	9392724	9346819	2.66	cps
Rhodium	103-2	3706587	3548081	3592503	3615724	2.26	cps
Scandium	45-1	7020134	7486045	7056498	7187559	3.61	cps
Scandium	45-2	218984	214858	218888	217577	1.08	cps
Selenium	82-1	458	754	601	604	24.52	cps
Selenium	77-2	10	17	7	11	45.82	cps
Selenium	78-2	163	141	143	149	8.16	cps
Silicon	28-1	457879	455160	450064	454368	0.87	cps
Silver	107-1	4893	4884	4576	4784	3.77	cps
Silver	109-1	4384	4593	4509	4495	2.33	cps
Sodium	23-2	83867	82802	82802	83157	0.74	cps
Strontium	86-1	8970	9061	8745	8925	1.83	cps
Strontium	88-1	9378	9662	9495	9512	1.50	cps
Sulfur	34-1	243444	240971	240631	241682	0.64	cps
Terbium	159-1	11244287	11835224	11463164	11514225	2.59	cps
Terbium	159-2	4420641	4310603	4481920	4404388	1.97	cps
Thallium	203-1	2850	3434	3551	3278	11.44	cps
Thallium	205-1	8311	7794	7402	7836	5.82	cps
Tin	118-1	14875	13682	14266	14274	4.18	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:05:00	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3050	3025	3184	3087	2.76	cps
Uranium	238-1	8612	8720	8286	8539	2.64	cps
Vanadium	51-2	3440	3257	3310	3336	2.83	cps
Ytterbium	172-1	50	83	67	67	25.00	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	1233	1208	1358	1267	6.35	cps
Ytterbium	176-2	4595	5296	5112	5001	7.26	cps
Yttrium	89-1	16044031	16367955	16897714	16436567	2.62	cps
Yttrium	89-2	1856187	1844812	1863456	1854818	0.51	cps
Zinc	66-2	468	495	539	500	7.20	cps
Zirconium	90-1	6043	6152	6252	6149	1.70	cps
Zirconium	91-1	1425	1292	1350	1356	4.93	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	71	102	83	20.58	cps
Antimony	121-1	183	142	167	164	12.80	cps
Arsenic	75-2	6	6	5	6	10.19	cps
Barium	135-1	33	92	42	56	56.79	cps
Barium	137-1	133	83	108	108	23.08	cps
Beryllium	9-1	54	64	78	65	18.46	cps
Bismuth	209-1	6859259	6993159	6826874	6893097	1.28	cps
Bismuth	209-2	2974606	3031670	2932677	2979651	1.67	cps
Boron	10-1	8875	9247	9177	9100	2.17	cps
Boron	11-1	41254	39251	41268	40591	2.86	cps
Bromine	81-1	44438	44287	42649	43791	2.27	cps
Cadmium	111-1	50	84	76	70	25.81	cps
Cadmium	106-1	4309	3767	3751	3942	8.06	cps
Cadmium	108-1	92	58	46	65	36.30	cps
Calcium	43-1	296	282	331	303	8.29	cps
Calcium	44-1	8016	7981	8078	8025	0.61	cps
Carbon	12-1	5015580	5099404	4987175	5034053	1.16	cps
Carbon	12-2	52428	53323	53022	52924	0.86	cps
Chlorine	35-1	117291	117609	111780	115560	2.84	cps
Chlorine	35-2	1117	883	1033	1011	11.70	cps
Chromium	52-2	973	1017	940	977	3.94	cps
Cobalt	59-2	67	93	60	73	24.05	cps
Copper	63-2	683	777	723	728	6.43	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	158	67	75	100	50.69	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	57	97	70	74	27.36	cps
Holmium	165-1	11553843	11044165	11201746	11266584	2.32	cps
Holmium	165-2	4345889	4318773	4152953	4272538	2.44	cps
Indium	115-1	10149797	9846545	9879840	9958727	1.67	cps
Indium	115-2	1555761	1541170	1398311	1498414	5.81	cps
Iron	54-2	594	667	594	619	6.74	cps
Iron	56-2	5301	5045	5001	5116	3.17	cps
Iron	57-2	233	256	183	224	16.51	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4661	4778	4650	4696	1.50	cps
Lead	206-1	1078	1011	1261	1117	11.59	cps
Lead	207-1	1111	1045	1106	1087	3.40	cps
Lead	208-1	4778	4389	4650	4606	4.30	cps
Lithium	6-1	4852005	4792952	4738729	4794562	1.18	cps
Magnesium	24-2	392	358	408	386	6.59	cps
Manganese	55-2	93	93	77	88	10.96	cps
Molybdenum	94-1	258	250	300	269	9.94	cps
Molybdenum	95-1	142	67	125	111	35.44	cps
Molybdenum	96-1	550	517	633	567	10.61	cps
Molybdenum	97-1	133	100	75	103	28.48	cps
Molybdenum	98-1	350	350	317	339	5.68	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	110	87	98	11.97	cps
Phosphorus	31-2	67	75	83	75	11.11	cps
Potassium	39-2	18704	19180	18729	18871	1.42	cps
Rhodium	103-1	9578259	9648211	9335575	9520681	1.72	cps
Rhodium	103-2	3562346	3626651	3535217	3574738	1.31	cps
Scandium	45-1	7175049	7033159	6926032	7044747	1.77	cps
Scandium	45-2	216829	217756	208652	214413	2.34	cps
Selenium	82-1	-35	-165	-19	-73	-109.94	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	87	113	97	99	13.25	cps
Silicon	28-1	412947	419062	412750	414920	0.86	cps
Silver	107-1	483	400	358	414	15.38	cps
Silver	109-1	458	283	425	389	23.89	cps
Sodium	23-2	16768	16576	15734	16360	3.36	cps
Strontium	86-1	7285	7294	7244	7274	0.37	cps
Strontium	88-1	192	192	183	189	2.55	cps
Sulfur	34-1	242328	244834	244604	243922	0.57	cps
Terbium	159-1	11903112	12020194	11750455	11891254	1.14	cps
Terbium	159-2	4402922	4301679	4234725	4313109	1.96	cps
Thallium	203-1	583	725	625	644	11.30	cps
Thallium	205-1	1392	1425	1392	1403	1.37	cps
Tin	118-1	925	733	733	797	13.88	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P8
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:08:03	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	225	258	278	23.30	cps
Uranium	238-1	33	33	58	42	34.65	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	58	75	100	78	26.97	cps
Ytterbium	172-2	33	17	22	24	35.24	cps
Ytterbium	176-1	1358	1400	1250	1336	5.80	cps
Ytterbium	176-2	4673	5229	4901	4934	5.66	cps
Yttrium	89-1	16935936	16649314	16875494	16820248	0.90	cps
Yttrium	89-2	1806535	1823705	1769157	1799799	1.55	cps
Zinc	66-2	359	376	336	357	5.59	cps
Zirconium	90-1	658	667	642	656	1.94	cps
Zirconium	91-1	142	67	167	125	41.63	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2872	3310	2780	2988	9.48	cps
Antimony	121-1	25791	26034	25132	25652	1.82	cps
Arsenic	75-2	419	508	425	451	11.04	cps
Barium	135-1	35481	34419	37335	35745	4.13	cps
Barium	137-1	61674	61432	62596	61901	0.99	cps
Beryllium	9-1	5270	5338	5282	5297	0.69	cps
Bismuth	209-1	7002502	6968963	6380709	6784058	5.15	cps
Bismuth	209-2	3086586	2709981	2932641	2909736	6.51	cps
Boron	10-1	23484	24287	25191	24321	3.51	cps
Boron	11-1	100192	104573	111121	105296	5.22	cps
Bromine	81-1	44497	45531	45201	45077	1.17	cps
Cadmium	111-1	4106	4107	4163	4125	0.79	cps
Cadmium	106-1	4501	4609	4651	4587	1.69	cps
Cadmium	108-1	396	283	454	378	22.99	cps
Calcium	43-1	27836	27932	28119	27962	0.51	cps
Calcium	44-1	451529	456994	449060	452528	0.90	cps
Carbon	12-1	5386470	5379987	5353958	5373472	0.32	cps
Carbon	12-2	55782	55146	56819	55916	1.51	cps
Chlorine	35-1	124467	125408	121601	123825	1.60	cps
Chlorine	35-2	1067	1150	1050	1089	4.92	cps
Chromium	52-2	9623	9343	9447	9471	1.50	cps
Cobalt	59-2	7205	7572	7425	7401	2.50	cps
Copper	63-2	11315	15166	11792	12758	16.46	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	50	67	92	69	30.20	cps
Erbium	164-2	40	17	23	27	45.07	cps
Gadolinium	160-1	133	67	83	94	36.73	cps
Gadolinium	160-2	70	57	57	61	12.59	cps
Holmium	165-1	11411022	11327980	10598101	11112368	4.03	cps
Holmium	165-2	4451990	4015044	4355809	4274281	5.37	cps
Indium	115-1	10163505	9965177	9762219	9963634	2.01	cps
Indium	115-2	1486360	1423867	1430698	1446975	2.37	cps
Iron	54-2	36330	40187	36697	37738	5.64	cps
Iron	56-2	667305	710985	648786	675692	4.73	cps
Iron	57-2	16705	18068	16393	17055	5.22	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4734	4834	4844	4804	1.27	cps
Lead	206-1	11739	11416	11105	11420	2.78	cps
Lead	207-1	10644	10482	10282	10469	1.73	cps
Lead	208-1	46783	46572	46300	46552	0.52	cps
Lithium	6-1	4727482	4711373	4700250	4713035	0.29	cps
Magnesium	24-2	174586	181171	174299	176685	2.20	cps
Manganese	55-2	2290	3674	2594	2853	25.50	cps
Molybdenum	94-1	15467	16185	16001	15884	2.35	cps
Molybdenum	95-1	9362	8886	8736	8995	3.63	cps
Molybdenum	96-1	12264	12664	11905	12278	3.09	cps
Molybdenum	97-1	5701	5776	5785	5754	0.80	cps
Molybdenum	98-1	15084	14625	14908	14872	1.56	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1857	2237	2140	2078	9.51	cps
Phosphorus	31-2	83	92	108	94	13.48	cps
Potassium	39-2	154977	164366	156909	158751	3.12	cps
Rhodium	103-1	9536411	9491019	8900390	9309273	3.81	cps
Rhodium	103-2	3699375	3222144	3464103	3461874	6.89	cps
Scandium	45-1	7253041	7195133	6666824	7038333	4.59	cps
Scandium	45-2	221236	202472	210223	211310	4.46	cps
Selenium	82-1	1874	1634	1659	1723	7.66	cps
Selenium	77-2	60	60	53	58	6.67	cps
Selenium	78-2	336	306	251	298	14.48	cps
Silicon	28-1	562562	555579	552496	556879	0.93	cps
Silver	107-1	19748	20190	21400	20446	4.18	cps
Silver	109-1	18221	18488	19873	18861	4.70	cps
Sodium	23-2	326111	349266	323864	333080	4.22	cps
Strontium	86-1	13465	12848	13398	13237	2.56	cps
Strontium	88-1	49413	49037	49698	49383	0.67	cps
Sulfur	34-1	245656	243149	250132	246312	1.44	cps
Terbium	159-1	12447050	11909096	11028674	11794940	6.07	cps
Terbium	159-2	4370531	4065123	4217207	4217620	3.62	cps
Thallium	203-1	13733	13557	13691	13660	0.67	cps
Thallium	205-1	30971	32107	32166	31748	2.12	cps
Tin	118-1	1017	975	933	975	4.27	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P8
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:11:04	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12848	12806	13098	12917	1.22	cps
Uranium	238-1	38476	39988	38593	39019	2.16	cps
Vanadium	51-2	16533	16640	16410	16527	0.70	cps
Ytterbium	172-1	67	100	42	69	42.14	cps
Ytterbium	172-2	39	6	22	22	74.99	cps
Ytterbium	176-1	1450	1275	1458	1395	7.42	cps
Ytterbium	176-2	4862	4323	4790	4658	6.28	cps
Yttrium	89-1	17567962	16841876	16047288	16819042	4.52	cps
Yttrium	89-2	1845033	1633881	1790761	1756558	6.24	cps
Zinc	66-2	3416	4079	3520	3672	9.72	cps
Zirconium	90-1	29415	28814	27812	28680	2.82	cps
Zirconium	91-1	6393	6702	6243	6446	3.63	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P8
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:14:08	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62	69	46	59	19.63	cps
Antimony	121-1	133	125	258	172	43.37	cps
Arsenic	75-2	5	5	4	5	12.37	cps
Barium	135-1	17	33	25	25	33.32	cps
Barium	137-1	67	50	33	50	33.34	cps
Beryllium	9-1	74	68	68	70	4.95	cps
Bismuth	209-1	6959953	6633069	6779869	6790964	2.41	cps
Bismuth	209-2	3078899	3040087	2996545	3038510	1.36	cps
Boron	10-1	7264	6944	6918	7042	2.74	cps
Boron	11-1	31087	30303	29947	30446	1.92	cps
Bromine	81-1	48104	46075	50153	48111	4.24	cps
Cadmium	111-1	73	67	50	63	18.19	cps
Cadmium	106-1	5168	4343	4417	4643	9.83	cps
Cadmium	108-1	42	38	63	47	28.36	cps
Calcium	43-1	214	197	202	205	4.07	cps
Calcium	44-1	6773	6641	6523	6646	1.88	cps
Carbon	12-1	4918245	4929031	5088130	4978469	1.91	cps
Carbon	12-2	53298	54118	53021	53479	1.07	cps
Chlorine	35-1	111714	112435	113132	112427	0.63	cps
Chlorine	35-2	900	967	983	950	4.64	cps
Chromium	52-2	970	907	883	920	4.87	cps
Cobalt	59-2	87	63	87	79	17.08	cps
Copper	63-2	637	520	633	597	11.13	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	108	100	86	36.64	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	75	50	108	78	37.63	cps
Gadolinium	160-2	57	63	60	60	5.55	cps
Holmium	165-1	11457688	11222583	11490011	11390094	1.28	cps
Holmium	165-2	4467710	4479716	4435495	4460974	0.51	cps
Indium	115-1	10363290	9730716	10189440	10094482	3.24	cps
Indium	115-2	1600505	1570770	1482416	1551230	3.96	cps
Iron	54-2	517	556	583	552	6.07	cps
Iron	56-2	4679	4456	4390	4508	3.36	cps
Iron	57-2	133	267	172	191	35.95	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P8
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:14:08	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4698	4636	4789	4708	1.63	cps
Lead	206-1	1122	1017	1161	1100	6.79	cps
Lead	207-1	911	1083	1006	1000	8.62	cps
Lead	208-1	4523	4528	4673	4574	1.86	cps
Lithium	6-1	4849637	4810459	4944060	4868052	1.41	cps
Magnesium	24-2	325	375	250	317	19.87	cps
Manganese	55-2	40	57	60	52	20.52	cps
Molybdenum	94-1	292	342	300	311	8.61	cps
Molybdenum	95-1	58	92	67	72	24.02	cps
Molybdenum	96-1	692	775	650	706	9.02	cps
Molybdenum	97-1	58	83	58	67	21.65	cps
Molybdenum	98-1	267	292	308	289	7.26	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	53	23	47	41	38.32	cps
Phosphorus	31-2	108	158	92	119	29.05	cps
Potassium	39-2	18913	18454	19672	19013	3.24	cps
Rhodium	103-1	10010380	9555101	9480134	9681872	2.96	cps
Rhodium	103-2	3700653	3713483	3707987	3707374	0.17	cps
Scandium	45-1	7608806	7149296	7201547	7319883	3.44	cps
Scandium	45-2	217538	216563	217001	217034	0.23	cps
Selenium	82-1	44	306	-55	98	189.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	116	94	112	107	10.92	cps
Silicon	28-1	411432	412229	417389	413683	0.78	cps
Silver	107-1	442	467	275	394	26.42	cps
Silver	109-1	417	400	325	381	12.83	cps
Sodium	23-2	15417	15325	15158	15300	0.86	cps
Strontium	86-1	7411	7936	7794	7713	3.52	cps
Strontium	88-1	175	175	142	164	11.74	cps
Sulfur	34-1	262648	258609	253183	258147	1.84	cps
Terbium	159-1	11799068	11767246	12020520	11862278	1.16	cps
Terbium	159-2	4512067	4356680	4456500	4441749	1.77	cps
Thallium	203-1	475	500	517	497	4.22	cps
Thallium	205-1	1308	1392	1292	1331	4.03	cps
Tin	118-1	567	700	742	669	13.66	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P8
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:14:08	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	283	250	269	6.44	cps
Uranium	238-1	25	42	8	25	66.68	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Ytterbium	172-1	58	25	75	53	48.24	cps
Ytterbium	172-2	28	56	28	37	43.30	cps
Ytterbium	176-1	1567	1233	1458	1420	11.98	cps
Ytterbium	176-2	4684	5051	5223	4986	5.52	cps
Yttrium	89-1	17420383	16852797	16957466	17076882	1.77	cps
Yttrium	89-2	1865628	1849644	1853561	1856277	0.45	cps
Zinc	66-2	103	89	79	90	12.94	cps
Zirconium	90-1	742	683	658	694	6.16	cps
Zirconium	91-1	125	100	100	108	13.33	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3234	3066	2885	3062	5.70	cps
Antimony	121-1	25925	26960	25733	26206	2.52	cps
Arsenic	75-2	475	438	409	441	7.51	cps
Barium	135-1	36090	35431	35806	35776	0.92	cps
Barium	137-1	65074	62362	64672	64036	2.29	cps
Beryllium	9-1	5602	5436	5590	5543	1.67	cps
Bismuth	209-1	7101182	6951764	7064302	7039083	1.11	cps
Bismuth	209-2	3144183	3013930	3080555	3079556	2.11	cps
Boron	10-1	21173	22707	23188	22356	4.71	cps
Boron	11-1	92787	98832	98822	96813	3.60	cps
Bromine	81-1	45402	42560	50002	45988	8.17	cps
Cadmium	111-1	3856	4066	4355	4092	6.12	cps
Cadmium	106-1	4776	4568	4818	4720	2.84	cps
Cadmium	108-1	400	358	367	375	5.88	cps
Calcium	43-1	28324	28190	28037	28184	0.51	cps
Calcium	44-1	457398	453194	460762	457118	0.83	cps
Carbon	12-1	5319265	5412159	5428874	5386766	1.10	cps
Carbon	12-2	55966	56000	59154	57040	3.21	cps
Chlorine	35-1	126685	121390	124794	124290	2.16	cps
Chlorine	35-2	992	900	1083	992	9.24	cps
Chromium	52-2	9617	9166	9123	9302	2.94	cps
Cobalt	59-2	7582	7402	7159	7381	2.88	cps
Copper	63-2	13093	12075	11782	12317	5.59	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	30	13	33	26	41.94	cps
Gadolinium	160-1	92	83	67	81	15.80	cps
Gadolinium	160-2	80	80	93	84	9.11	cps
Holmium	165-1	11568820	11969211	11271076	11603036	3.02	cps
Holmium	165-2	4442773	4461041	4527576	4477130	1.00	cps
Indium	115-1	10554105	10168819	9924612	10215845	3.11	cps
Indium	115-2	1613080	1616718	1597727	1609175	0.63	cps
Iron	54-2	39015	36653	36291	37320	3.96	cps
Iron	56-2	691416	683688	659869	678324	2.42	cps
Iron	57-2	17328	16627	16782	16912	2.18	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4743	4741	4950	4811	2.50	cps
Lead	206-1	11822	11883	13235	12314	6.48	cps
Lead	207-1	10371	9598	11177	10382	7.61	cps
Lead	208-1	47301	46094	51641	48345	6.03	cps
Lithium	6-1	4938801	4965459	4666759	4857006	3.40	cps
Magnesium	24-2	183225	173047	170289	175520	3.88	cps
Manganese	55-2	3180	2917	2507	2868	11.83	cps
Molybdenum	94-1	16118	16343	16711	16391	1.82	cps
Molybdenum	95-1	9637	9629	11080	10115	8.26	cps
Molybdenum	96-1	12331	11764	14308	12801	10.43	cps
Molybdenum	97-1	6352	5801	6702	6285	7.22	cps
Molybdenum	98-1	15109	15884	18004	16332	9.18	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2220	1737	1984	1980	12.21	cps
Phosphorus	31-2	133	183	150	156	16.37	cps
Potassium	39-2	162185	157042	152453	157226	3.10	cps
Rhodium	103-1	9454101	9711761	9507519	9557794	1.42	cps
Rhodium	103-2	3811638	3790932	3778856	3793809	0.44	cps
Scandium	45-1	7234248	7323382	7114686	7224105	1.45	cps
Scandium	45-2	224591	223324	222284	223400	0.52	cps
Selenium	82-1	1720	1784	1593	1699	5.73	cps
Selenium	77-2	57	40	53	50	17.64	cps
Selenium	78-2	308	292	291	297	3.21	cps
Silicon	28-1	566331	571618	576454	571467	0.89	cps
Silver	107-1	20549	20666	21000	20738	1.13	cps
Silver	109-1	20049	20048	20758	20285	2.02	cps
Sodium	23-2	336739	325010	321446	327732	2.44	cps
Strontium	86-1	13182	13198	13549	13309	1.56	cps
Strontium	88-1	49598	49514	49397	49503	0.20	cps
Sulfur	34-1	253843	249624	254279	252582	1.02	cps
Terbium	159-1	12063984	11703202	12134337	11967174	1.93	cps
Terbium	159-2	4499512	4526830	4592123	4539488	1.05	cps
Thallium	203-1	12882	12423	13582	12962	4.50	cps
Thallium	205-1	31063	31706	33653	32141	4.20	cps
Tin	118-1	1108	1033	1258	1133	10.11	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P8
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:17:09	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12622	12898	13523	13015	3.55	cps
Uranium	238-1	38167	39930	40641	39579	3.22	cps
Vanadium	51-2	16406	16516	16296	16406	0.67	cps
Ytterbium	172-1	58	75	92	75	22.22	cps
Ytterbium	172-2	56	67	28	50	40.06	cps
Ytterbium	176-1	1650	1458	1283	1464	12.53	cps
Ytterbium	176-2	4990	5551	5207	5249	5.39	cps
Yttrium	89-1	16890148	17256637	16926249	17024345	1.19	cps
Yttrium	89-2	1963874	1896225	1878548	1912882	2.35	cps
Zinc	66-2	3729	3511	3536	3592	3.32	cps
Zirconium	90-1	28355	28597	29165	28705	1.45	cps
Zirconium	91-1	6560	6527	6518	6535	0.34	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62	56	84	67	21.36	cps
Antimony	121-1	150	117	133	133	12.50	cps
Arsenic	75-2	8	3	4	5	52.92	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	82	66	72	73	11.02	cps
Bismuth	209-1	6794254	6757178	6968338	6839923	1.65	cps
Bismuth	209-2	3066343	3033247	3083235	3060942	0.83	cps
Boron	10-1	6582	6778	6288	6550	3.77	cps
Boron	11-1	28725	28572	28620	28639	0.27	cps
Bromine	81-1	46526	46004	49801	47444	4.34	cps
Cadmium	111-1	66	41	10	39	72.04	cps
Cadmium	106-1	4226	4126	4126	4159	1.39	cps
Cadmium	108-1	67	83	104	85	22.18	cps
Calcium	43-1	197	216	196	203	5.51	cps
Calcium	44-1	6551	6740	6865	6718	2.35	cps
Carbon	12-1	4686402	4579892	4590507	4618933	1.27	cps
Carbon	12-2	48573	46525	47227	47441	2.19	cps
Chlorine	35-1	101706	100012	101094	100937	0.85	cps
Chlorine	35-2	800	892	683	792	13.19	cps
Chromium	52-2	927	930	1003	953	4.55	cps
Cobalt	59-2	80	133	93	102	27.16	cps
Copper	63-2	560	630	613	601	6.08	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	100	92	133	108	20.35	cps
Erbium	164-2	30	27	23	27	12.51	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	77	53	53	61	22.05	cps
Holmium	165-1	11062686	11374159	11491585	11309477	1.96	cps
Holmium	165-2	4578391	4456442	4206964	4413932	4.29	cps
Indium	115-1	10122252	9901694	10082472	10035473	1.17	cps
Indium	115-2	1640633	1557196	1439599	1545809	6.53	cps
Iron	54-2	567	644	667	626	8.39	cps
Iron	56-2	4334	4173	4640	4382	5.41	cps
Iron	57-2	167	161	239	189	22.97	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4843	4785	4783	4804	0.71	cps
Lead	206-1	1078	1067	1083	1076	0.79	cps
Lead	207-1	900	939	900	913	2.46	cps
Lead	208-1	4245	4373	4345	4321	1.56	cps
Lithium	6-1	4826527	4455096	4664443	4648688	4.01	cps
Magnesium	24-2	275	342	300	306	11.02	cps
Manganese	55-2	40	57	40	46	21.13	cps
Molybdenum	94-1	292	267	292	283	5.09	cps
Molybdenum	95-1	83	158	108	117	32.73	cps
Molybdenum	96-1	475	608	650	578	15.82	cps
Molybdenum	97-1	42	75	67	61	28.38	cps
Molybdenum	98-1	292	317	325	311	5.58	cps
Neodymium	150-1	20	0	33	18	94.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	47	50	47	7.15	cps
Phosphorus	31-2	108	92	142	114	22.35	cps
Potassium	39-2	18504	18829	18796	18710	0.96	cps
Rhodium	103-1	9612593	9251382	9359366	9407780	1.97	cps
Rhodium	103-2	3719188	3722777	3719224	3720396	0.06	cps
Scandium	45-1	7241630	7069410	7456965	7256002	2.68	cps
Scandium	45-2	222412	215840	216323	218192	1.68	cps
Selenium	82-1	76	-99	-53	-25	-362.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	122	122	119	4.37	cps
Silicon	28-1	430864	424088	425494	426815	0.84	cps
Silver	107-1	483	383	425	431	11.67	cps
Silver	109-1	442	350	400	397	11.55	cps
Sodium	23-2	15058	14991	15108	15053	0.39	cps
Strontium	86-1	7677	7794	8194	7889	3.44	cps
Strontium	88-1	150	217	192	186	18.10	cps
Sulfur	34-1	254015	250411	255371	253266	1.01	cps
Terbium	159-1	11984110	11934373	11983675	11967386	0.24	cps
Terbium	159-2	4560225	4335950	4483435	4459870	2.56	cps
Thallium	203-1	483	450	508	481	6.09	cps
Thallium	205-1	1058	1183	1158	1133	5.84	cps
Tin	118-1	833	742	808	794	5.96	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P8
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:20:12	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	242	308	236	31.83	cps
Uranium	238-1	67	58	42	56	22.91	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	67	133	50	83	52.92	cps
Ytterbium	172-2	6	33	28	22	66.13	cps
Ytterbium	176-1	1333	1417	1575	1442	8.52	cps
Ytterbium	176-2	5412	4895	5212	5173	5.04	cps
Yttrium	89-1	17157626	16571438	16869671	16866245	1.74	cps
Yttrium	89-2	1902979	1874898	1873016	1883631	0.89	cps
Zinc	66-2	76	75	66	72	7.88	cps
Zirconium	90-1	842	767	625	744	14.78	cps
Zirconium	91-1	100	100	108	103	4.68	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691073	690244	684521	688613	0.52	cps
Antimony	121-1	3703727	3616239	3695064	3671677	1.31	cps
Arsenic	75-2	107243	107991	105284	106839	1.31	cps
Barium	135-1	5091832	5026278	5083887	5067332	0.71	cps
Barium	137-1	8600275	8670774	8629612	8633554	0.41	cps
Beryllium	9-1	1422391	1433661	1409685	1421912	0.84	cps
Bismuth	209-1	6756142	7126629	6394957	6759243	5.41	cps
Bismuth	209-2	3006893	3054398	3050613	3037301	0.87	cps
Boron	10-1	300796	313650	317406	310618	2.80	cps
Boron	11-1	1271436	1307771	1365042	1314750	3.59	cps
Bromine	81-1	42790	43986	44417	43731	1.93	cps
Cadmium	111-1	984961	986703	989290	986984	0.22	cps
Cadmium	106-1	117473	120057	121081	119537	1.56	cps
Cadmium	108-1	81661	81628	79990	81093	1.18	cps
Calcium	43-1	1568295	1596641	1586474	1583804	0.91	cps
Calcium	44-1	24610067	24700308	25224476	24844950	1.34	cps
Carbon	12-1	5978003	6107908	6165547	6083819	1.58	cps
Carbon	12-2	69758	71291	71650	70900	1.42	cps
Chlorine	35-1	126062	127719	125011	126264	1.08	cps
Chlorine	35-2	950	933	1167	1017	12.80	cps
Chromium	52-2	1066659	1066902	1034386	1055982	1.77	cps
Cobalt	59-2	1933159	1966539	1940977	1946892	0.90	cps
Copper	63-2	14294466	14064813	14123959	14161079	0.84	cps
Dysprosium	156-1	183	317	200	233	31.13	cps
Dysprosium	156-2	90	103	93	96	7.27	cps
Erbium	164-1	167	125	175	156	17.22	cps
Erbium	164-2	53	60	53	56	6.93	cps
Gadolinium	160-1	308	267	233	269	13.95	cps
Gadolinium	160-2	150	113	187	150	24.44	cps
Holmium	165-1	11601251	12127932	10998421	11575868	4.88	cps
Holmium	165-2	4462833	4522016	4478626	4487825	0.68	cps
Indium	115-1	9718325	10213913	9287167	9739802	4.76	cps
Indium	115-2	1509621	1523583	1412343	1481849	4.09	cps
Iron	54-2	2564228	2561891	2582813	2569644	0.45	cps
Iron	56-2	46288851	45193019	44175334	45219068	2.34	cps
Iron	57-2	1071211	1073105	1051374	1065230	1.13	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4651	4575	4524	4584	1.40	cps
Lead	206-1	15354800	15206220	15787123	15449381	1.95	cps
Lead	207-1	13237223	12897977	13264415	13133205	1.55	cps
Lead	208-1	60976679	59888792	61684446	60849972	1.49	cps
Lithium	6-1	4808393	4951968	4409658	4723340	5.95	cps
Magnesium	24-2	9824238	9649398	9659527	9711054	1.01	cps
Manganese	55-2	6249089	6226528	6110818	6195478	1.20	cps
Molybdenum	94-1	15036397	15087804	14819552	14981251	0.95	cps
Molybdenum	95-1	21488179	21981373	21481541	21650364	1.32	cps
Molybdenum	96-1	23362573	23726836	23310652	23466687	0.97	cps
Molybdenum	97-1	13331570	13303944	13208693	13281402	0.49	cps
Molybdenum	98-1	34678474	34561354	33916772	34385533	1.19	cps
Neodymium	150-1	280	293	240	271	10.24	cps
Neodymium	150-2	53	17	20	30	67.58	cps
Nickel	60-2	477506	476881	467825	474071	1.14	cps
Phosphorus	31-2	39429	39872	38502	39268	1.78	cps
Potassium	39-2	3821713	3922097	3895816	3879875	1.34	cps
Rhodium	103-1	9211742	9624848	8370315	9068968	7.05	cps
Rhodium	103-2	3524855	3530403	3551267	3535508	0.39	cps
Scandium	45-1	7194066	7618181	6854862	7222370	5.30	cps
Scandium	45-2	216923	220269	219560	218917	0.81	cps
Selenium	82-1	87478	87541	87075	87365	0.29	cps
Selenium	77-2	2574	2660	2487	2574	3.37	cps
Selenium	78-2	9031	8688	8703	8807	2.20	cps
Silicon	28-1	26173684	26122625	25427629	25907979	1.61	cps
Silver	107-1	5629838	5643555	5757609	5677000	1.24	cps
Silver	109-1	5494737	5552947	5338128	5461937	2.03	cps
Sodium	23-2	17887491	17708122	17732514	17776042	0.55	cps
Strontium	86-1	1592265	1511510	1492113	1531963	3.47	cps
Strontium	88-1	13062277	12939952	12610238	12870822	1.82	cps
Sulfur	34-1	811688	805319	800098	805702	0.72	cps
Terbium	159-1	12135570	12617567	11236237	11996458	5.84	cps
Terbium	159-2	4562761	4507632	4470752	4513715	1.03	cps
Thallium	203-1	3704697	3755767	3711569	3724011	0.74	cps
Thallium	205-1	8852819	8747865	8949726	8850137	1.14	cps
Tin	118-1	3448122	3451827	3600182	3500044	2.48	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P8
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:23:13	DataFile Name :	051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6673832	6789264	6813324	6758807	1.10	cps
Uranium	238-1	11306972	11598204	11598541	11501239	1.46	cps
Vanadium	51-2	872850	873505	858618	868324	0.97	cps
Ytterbium	172-1	108	108	75	97	19.80	cps
Ytterbium	172-2	67	61	44	57	20.14	cps
Ytterbium	176-1	15660	15217	15267	15382	1.58	cps
Ytterbium	176-2	10688	11138	10488	10771	3.09	cps
Yttrium	89-1	17075736	17875768	15751554	16901019	6.35	cps
Yttrium	89-2	1813571	1789562	1809227	1804120	0.71	cps
Zinc	66-2	1802736	1853968	1882654	1846453	2.19	cps
Zirconium	90-1	7794468	7734429	7763712	7764203	0.39	cps
Zirconium	91-1	1763664	1770352	1772942	1768986	0.27	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	80	77	79	1.82	cps
Antimony	121-1	342	283	375	333	13.92	cps
Arsenic	75-2	5	2	10	6	71.32	cps
Barium	135-1	42	75	75	64	30.12	cps
Barium	137-1	125	117	108	117	7.14	cps
Beryllium	9-1	72	80	106	86	20.67	cps
Bismuth	209-1	6938552	6899717	6728056	6855442	1.63	cps
Bismuth	209-2	3056921	3026132	2979593	3020882	1.29	cps
Boron	10-1	10180	9731	9707	9873	2.69	cps
Boron	11-1	42714	41998	40650	41787	2.51	cps
Bromine	81-1	43012	43192	45763	43989	3.50	cps
Cadmium	111-1	73	64	32	56	39.01	cps
Cadmium	106-1	3626	3967	3692	3762	4.82	cps
Cadmium	108-1	54	67	79	67	18.75	cps
Calcium	43-1	309	329	350	329	6.27	cps
Calcium	44-1	8098	7837	7996	7977	1.64	cps
Carbon	12-1	4893655	4920791	4904482	4906309	0.28	cps
Carbon	12-2	52361	53983	51851	52732	2.11	cps
Chlorine	35-1	100716	100917	102512	101382	0.97	cps
Chlorine	35-2	858	767	925	850	9.35	cps
Chromium	52-2	947	907	963	939	3.10	cps
Cobalt	59-2	63	87	80	77	15.68	cps
Copper	63-2	780	813	733	776	5.18	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	50	58	47	26.96	cps
Erbium	164-2	37	47	33	39	17.85	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	77	63	63	68	11.36	cps
Holmium	165-1	11392210	11284371	11289942	11322174	0.54	cps
Holmium	165-2	4419388	4148021	4280888	4282766	3.17	cps
Indium	115-1	10290007	9900048	9801385	9997147	2.58	cps
Indium	115-2	1527646	1434204	1418646	1460165	4.04	cps
Iron	54-2	661	656	744	687	7.25	cps
Iron	56-2	5529	6051	5612	5731	4.90	cps
Iron	57-2	206	189	194	196	4.32	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4754	4571	4671	4666	1.96	cps
Lead	206-1	1272	1083	1145	1167	8.26	cps
Lead	207-1	1089	1178	1011	1093	7.63	cps
Lead	208-1	4845	4762	4517	4708	3.62	cps
Lithium	6-1	4848040	4575821	4665862	4696574	2.95	cps
Magnesium	24-2	533	425	483	481	11.28	cps
Manganese	55-2	113	137	83	111	24.07	cps
Molybdenum	94-1	392	458	375	408	10.80	cps
Molybdenum	95-1	333	308	242	294	16.09	cps
Molybdenum	96-1	1042	1050	892	995	8.96	cps
Molybdenum	97-1	275	158	142	192	37.90	cps
Molybdenum	98-1	792	600	592	661	17.11	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	63	63	68	11.36	cps
Phosphorus	31-2	117	133	117	122	7.87	cps
Potassium	39-2	18295	17636	18128	18020	1.90	cps
Rhodium	103-1	9368848	9224596	9253573	9282339	0.82	cps
Rhodium	103-2	3608221	3711400	3572357	3630659	1.99	cps
Scandium	45-1	7159625	7149577	7057298	7122167	0.79	cps
Scandium	45-2	215534	214026	209317	212959	1.52	cps
Selenium	82-1	-141	18	-68	-64	-124.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	112	121	99	111	9.99	cps
Silicon	28-1	406208	403954	408712	406291	0.59	cps
Silver	107-1	575	533	392	500	19.22	cps
Silver	109-1	392	358	392	381	5.06	cps
Sodium	23-2	15300	15208	15826	15445	2.16	cps
Strontium	86-1	7202	7677	6944	7274	5.12	cps
Strontium	88-1	283	400	242	308	26.62	cps
Sulfur	34-1	226830	225857	225958	226215	0.24	cps
Terbium	159-1	11896747	11834699	11729929	11820458	0.71	cps
Terbium	159-2	4432667	4254872	4334800	4340780	2.05	cps
Thallium	203-1	592	492	583	556	9.99	cps
Thallium	205-1	1250	1217	1217	1228	1.57	cps
Tin	118-1	808	933	1025	922	11.79	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P8
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:32:35	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	308	275	308	10.81	cps
Uranium	238-1	92	117	108	106	12.06	cps
Vanadium	51-2	13	0	10	8	89.21	cps
Ytterbium	172-1	50	83	108	81	36.33	cps
Ytterbium	172-2	44	22	17	28	52.92	cps
Ytterbium	176-1	1117	1192	1258	1189	5.96	cps
Ytterbium	176-2	4473	4907	5118	4832	6.80	cps
Yttrium	89-1	16683590	16617325	16389304	16563406	0.93	cps
Yttrium	89-2	1848324	1865846	1794080	1836083	2.04	cps
Zinc	66-2	379	273	333	328	16.32	cps
Zirconium	90-1	683	642	592	639	7.18	cps
Zirconium	91-1	117	125	58	100	36.33	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : PB146267BS Instrumnet Name : P8
 Client Sample ID : PB146267BS Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 18:35:37 DataFile Name : 053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694005	695923	698185	696037	0.30	cps
Antimony	121-1	3701364	3774501	3639218	3705028	1.83	cps
Arsenic	75-2	108185	107888	106945	107673	0.60	cps
Barium	135-1	5187894	5148946	5157351	5164730	0.40	cps
Barium	137-1	8888236	8570746	8737722	8732235	1.82	cps
Beryllium	9-1	1426232	1386789	1427276	1413432	1.63	cps
Bismuth	209-1	6729757	6807095	6773908	6770253	0.57	cps
Bismuth	209-2	3067585	2996565	2998752	3020967	1.34	cps
Boron	10-1	319148	344976	355381	339835	5.49	cps
Boron	11-1	1354075	1464962	1440296	1419778	4.10	cps
Bromine	81-1	43223	40561	42650	42145	3.32	cps
Cadmium	111-1	990791	983171	1015581	996514	1.70	cps
Cadmium	106-1	119848	118644	116289	118260	1.53	cps
Cadmium	108-1	82341	80492	81183	81339	1.15	cps
Calcium	43-1	1609320	1617125	1576650	1601032	1.34	cps
Calcium	44-1	24639428	25078333	24831925	24849895	0.89	cps
Carbon	12-1	5817612	5934363	5965737	5905904	1.32	cps
Carbon	12-2	65840	68150	67824	67271	1.86	cps
Chlorine	35-1	113930	115501	117474	115635	1.54	cps
Chlorine	35-2	1083	992	975	1017	5.74	cps
Chromium	52-2	1054918	1043387	1053502	1050602	0.60	cps
Cobalt	59-2	1863022	1979577	1922201	1921600	3.03	cps
Copper	63-2	14367009	14181594	14076194	14208266	1.04	cps
Dysprosium	156-1	200	175	225	200	12.50	cps
Dysprosium	156-2	97	97	73	89	15.16	cps
Erbium	164-1	125	183	175	161	19.58	cps
Erbium	164-2	53	67	43	54	21.51	cps
Gadolinium	160-1	208	233	192	211	9.93	cps
Gadolinium	160-2	167	140	150	152	8.85	cps
Holmium	165-1	11703592	11640068	11382208	11575289	1.47	cps
Holmium	165-2	4441221	4497338	4389039	4442533	1.22	cps
Indium	115-1	9670138	9718828	9756749	9715238	0.45	cps
Indium	115-2	1430608	1447987	1427021	1435205	0.78	cps
Iron	54-2	2584926	2641001	2550494	2592140	1.76	cps
Iron	56-2	45941593	46095025	44488555	45508391	1.95	cps
Iron	57-2	1069123	1091565	1082772	1081153	1.05	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P8
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:35:37	DataFile Name :	053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4618	4639	4701	4653	0.94	cps
Lead	206-1	15018733	15038326	14788582	14948547	0.93	cps
Lead	207-1	13011327	13004038	12467566	12827644	2.43	cps
Lead	208-1	60184744	59668825	58507211	59453593	1.45	cps
Lithium	6-1	4664714	4723319	4782362	4723465	1.25	cps
Magnesium	24-2	9668351	9459647	9686675	9604891	1.31	cps
Manganese	55-2	6289976	6424755	6159083	6291271	2.11	cps
Molybdenum	94-1	15371348	14832456	15176998	15126934	1.80	cps
Molybdenum	95-1	22268061	21220098	21882953	21790371	2.43	cps
Molybdenum	96-1	23772764	23307006	23603439	23561069	1.00	cps
Molybdenum	97-1	13214807	13079544	13376114	13223488	1.12	cps
Molybdenum	98-1	34351805	33806474	34429484	34195921	0.99	cps
Neodymium	150-1	347	347	340	344	1.12	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	467795	465663	467335	466931	0.24	cps
Phosphorus	31-2	38510	38878	39246	38878	0.95	cps
Potassium	39-2	3935195	3982747	3920706	3946216	0.82	cps
Rhodium	103-1	8940527	8902255	9072711	8971831	1.00	cps
Rhodium	103-2	3515018	3522317	3498251	3511862	0.35	cps
Scandium	45-1	7189098	7069551	7147149	7135266	0.85	cps
Scandium	45-2	221291	221458	220550	221099	0.22	cps
Selenium	82-1	88323	89595	89030	88983	0.72	cps
Selenium	77-2	2600	2614	2627	2614	0.51	cps
Selenium	78-2	8951	8886	8827	8888	0.70	cps
Silicon	28-1	29851869	29717468	29783734	29784357	0.23	cps
Silver	107-1	5677936	5706972	5543451	5642787	1.55	cps
Silver	109-1	5512311	5269481	5426735	5402842	2.28	cps
Sodium	23-2	17439859	17726429	17423300	17529863	0.97	cps
Strontium	86-1	1501807	1547138	1480409	1509785	2.26	cps
Strontium	88-1	12870762	12865634	12364554	12700317	2.29	cps
Sulfur	34-1	784392	790106	800619	791706	1.04	cps
Terbium	159-1	11797327	11940338	12387811	12041826	2.56	cps
Terbium	159-2	4597634	4453890	4376881	4476135	2.50	cps
Thallium	203-1	3706237	3652607	3729857	3696234	1.07	cps
Thallium	205-1	8667263	8695063	8528359	8630228	1.03	cps
Tin	118-1	3528452	3560524	3506586	3531854	0.77	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P8
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:35:37	DataFile Name :	053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6803164	6781909	6730573	6771882	0.55	cps
Uranium	238-1	11271990	11373962	11460296	11368749	0.83	cps
Vanadium	51-2	859039	865048	864595	862894	0.39	cps
Ytterbium	172-1	67	117	117	100	28.87	cps
Ytterbium	172-2	39	61	39	46	27.71	cps
Ytterbium	176-1	15426	15801	16361	15863	2.96	cps
Ytterbium	176-2	10299	10571	11249	10706	4.57	cps
Yttrium	89-1	16911644	16467855	16733128	16704209	1.34	cps
Yttrium	89-2	1853808	1826302	1775427	1818512	2.19	cps
Zinc	66-2	1907853	1873906	1831530	1871096	2.04	cps
Zirconium	90-1	7892138	7595740	7908419	7798766	2.26	cps
Zirconium	91-1	1788878	1753873	1764708	1769153	1.01	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3596383	3639474	3537181	3591013	1.43	cps
Antimony	121-1	3616572	3663159	3706282	3662004	1.23	cps
Arsenic	75-2	102970	102593	101739	102434	0.62	cps
Barium	135-1	4970611	5007263	5050660	5009511	0.80	cps
Barium	137-1	8563556	8555579	8426704	8515280	0.90	cps
Beryllium	9-1	1391471	1407072	1348559	1382367	2.19	cps
Bismuth	209-1	6639109	6505208	6438171	6527496	1.57	cps
Bismuth	209-2	2822907	2933565	2828939	2861804	2.17	cps
Boron	10-1	353531	362854	378369	364918	3.44	cps
Boron	11-1	1454389	1437878	1482940	1458402	1.56	cps
Bromine	81-1	41736	42339	43414	42496	2.00	cps
Cadmium	111-1	961808	949205	935911	948975	1.36	cps
Cadmium	106-1	115314	114442	115860	115205	0.62	cps
Cadmium	108-1	75853	76021	76763	76212	0.64	cps
Calcium	43-1	7219711	7618667	7654198	7497525	3.22	cps
Calcium	44-1	116515151	120145644	120798628	119153141	1.94	cps
Carbon	12-1	5785408	5786905	5869663	5813992	0.83	cps
Carbon	12-2	68804	69741	67799	68781	1.41	cps
Chlorine	35-1	105165	106213	107725	106368	1.21	cps
Chlorine	35-2	1142	1025	900	1022	11.82	cps
Chromium	52-2	1026334	1034905	1026081	1029107	0.49	cps
Cobalt	59-2	1817222	1855229	1799420	1823957	1.56	cps
Copper	63-2	13940178	13893438	13811616	13881744	0.47	cps
Dysprosium	156-1	567	642	608	606	6.21	cps
Dysprosium	156-2	253	217	183	218	16.08	cps
Erbium	164-1	175	100	175	150	28.87	cps
Erbium	164-2	60	50	57	56	9.17	cps
Gadolinium	160-1	467	567	383	472	19.44	cps
Gadolinium	160-2	270	257	230	252	8.08	cps
Holmium	165-1	11859075	11699323	11547820	11702073	1.33	cps
Holmium	165-2	4552273	4454964	4511469	4506235	1.08	cps
Indium	115-1	9874235	9478186	9309552	9553991	3.03	cps
Indium	115-2	1409284	1401655	1411590	1407510	0.37	cps
Iron	54-2	11867584	11984103	12274882	12042189	1.74	cps
Iron	56-2	219617272	215729988	216527833	217291697	0.94	cps
Iron	57-2	5572408	5597359	5423479	5531082	1.70	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4564	4646	4555	4589	1.10	cps
Lead	206-1	14077342	14423265	14788423	14429677	2.46	cps
Lead	207-1	12160505	12659823	12711340	12510556	2.43	cps
Lead	208-1	56163996	57403780	58043004	57203593	1.67	cps
Lithium	6-1	4828102	4830064	4475138	4711101	4.34	cps
Magnesium	24-2	44552394	45332835	45939052	45274760	1.54	cps
Manganese	55-2	6027006	6016768	6223858	6089210	1.92	cps
Molybdenum	94-1	14848339	15256411	14459861	14854870	2.68	cps
Molybdenum	95-1	21226575	22002655	21272152	21500461	2.03	cps
Molybdenum	96-1	22796731	23386679	22782847	22988753	1.50	cps
Molybdenum	97-1	12829182	13026500	12822027	12892570	0.90	cps
Molybdenum	98-1	33669682	34085077	34094530	33949763	0.71	cps
Neodymium	150-1	287	400	447	378	21.78	cps
Neodymium	150-2	43	33	43	40	14.43	cps
Nickel	60-2	475810	481256	465479	474181	1.69	cps
Phosphorus	31-2	38853	38085	37157	38031	2.23	cps
Potassium	39-2	18901893	19410822	18924952	19079222	1.51	cps
Rhodium	103-1	8875640	8529612	8759185	8721479	2.02	cps
Rhodium	103-2	3423041	3419978	3489044	3444021	1.13	cps
Scandium	45-1	7346975	7314288	7174727	7278663	1.26	cps
Scandium	45-2	216549	219870	215567	217329	1.04	cps
Selenium	82-1	85610	84649	86449	85569	1.05	cps
Selenium	77-2	2694	2657	2807	2719	2.88	cps
Selenium	78-2	9130	8842	8900	8957	1.70	cps
Silicon	28-1	30130649	30351539	29872630	30118273	0.80	cps
Silver	107-1	5332353	5248612	5354800	5311922	1.05	cps
Silver	109-1	5059163	5174472	5034810	5089481	1.47	cps
Sodium	23-2	85112810	85464281	86570664	85715919	0.89	cps
Strontium	86-1	1452690	1502151	1476330	1477057	1.67	cps
Strontium	88-1	12148600	12911931	12462883	12507805	3.07	cps
Sulfur	34-1	765980	785041	775032	775351	1.23	cps
Terbium	159-1	12149006	12272561	12018199	12146589	1.05	cps
Terbium	159-2	4477029	4597233	4499858	4524707	1.41	cps
Thallium	203-1	3487040	3563327	3511757	3520708	1.11	cps
Thallium	205-1	8303278	8262431	8263370	8276360	0.28	cps
Tin	118-1	3358266	3385392	3357759	3367139	0.47	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 18:56:34	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6657018	6680184	6658022	6665075	0.20	cps
Uranium	238-1	11361148	11108509	11147102	11205586	1.21	cps
Vanadium	51-2	852329	858576	849545	853483	0.54	cps
Ytterbium	172-1	217	175	142	178	21.14	cps
Ytterbium	172-2	61	89	106	85	26.36	cps
Ytterbium	176-1	15551	15726	16119	15799	1.84	cps
Ytterbium	176-2	10577	10710	11105	10797	2.54	cps
Yttrium	89-1	16782256	17244762	16678475	16901831	1.78	cps
Yttrium	89-2	1854751	1860436	1839404	1851530	0.59	cps
Zinc	66-2	1796014	1780392	1812394	1796267	0.89	cps
Zirconium	90-1	7635317	7714125	7577083	7642175	0.90	cps
Zirconium	91-1	1785666	1751029	1739187	1758627	1.37	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	75	87	78	10.26	cps
Antimony	121-1	283	308	300	297	4.28	cps
Arsenic	75-2	2	2	6	3	69.28	cps
Barium	135-1	50	42	17	36	48.03	cps
Barium	137-1	42	33	42	39	12.38	cps
Beryllium	9-1	86	112	84	94	16.62	cps
Bismuth	209-1	7062738	6597713	6737790	6799414	3.51	cps
Bismuth	209-2	3076672	2712878	3019785	2936445	6.66	cps
Boron	10-1	7008	7140	7062	7070	0.94	cps
Boron	11-1	30406	30406	30003	30271	0.77	cps
Bromine	81-1	45953	44869	44176	44999	1.99	cps
Cadmium	111-1	75	77	51	68	21.58	cps
Cadmium	106-1	3551	3767	3634	3651	2.99	cps
Cadmium	108-1	63	63	63	63	0.00	cps
Calcium	43-1	240	187	219	215	12.26	cps
Calcium	44-1	6548	6541	6566	6552	0.20	cps
Carbon	12-1	5099566	5091855	5032166	5074529	0.73	cps
Carbon	12-2	55096	53682	52579	53786	2.35	cps
Chlorine	35-1	91614	93292	92504	92470	0.91	cps
Chlorine	35-2	733	842	717	764	8.88	cps
Chromium	52-2	973	940	970	961	1.91	cps
Cobalt	59-2	70	63	50	61	16.66	cps
Copper	63-2	570	540	543	551	2.98	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	17	58	44	54.12	cps
Erbium	164-2	40	37	17	31	40.56	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	87	87	63	79	17.08	cps
Holmium	165-1	11226092	11132397	11134965	11164485	0.48	cps
Holmium	165-2	4328064	4053318	4337522	4239634	3.81	cps
Indium	115-1	9589947	9818061	9882307	9763438	1.57	cps
Indium	115-2	1569675	1347360	1516066	1477700	7.85	cps
Iron	54-2	561	611	533	569	6.93	cps
Iron	56-2	4523	4773	4784	4693	3.15	cps
Iron	57-2	278	244	144	222	31.23	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4771	4714	4609	4698	1.75	cps
Lead	206-1	1183	1172	1172	1176	0.55	cps
Lead	207-1	1033	1045	1178	1085	7.41	cps
Lead	208-1	4789	4606	4623	4673	2.17	cps
Lithium	6-1	4351178	4551751	4680792	4527907	3.67	cps
Magnesium	24-2	400	392	317	369	12.42	cps
Manganese	55-2	63	40	40	48	28.19	cps
Molybdenum	94-1	367	342	467	392	16.89	cps
Molybdenum	95-1	367	125	75	189	82.58	cps
Molybdenum	96-1	1042	800	792	878	16.18	cps
Molybdenum	97-1	175	133	108	139	24.25	cps
Molybdenum	98-1	708	433	475	539	27.51	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	30	30	23	28	13.86	cps
Phosphorus	31-2	83	125	67	92	32.78	cps
Potassium	39-2	17453	18053	18379	17962	2.62	cps
Rhodium	103-1	9152214	9561023	9215508	9309582	2.36	cps
Rhodium	103-2	3773885	3397329	3684113	3618442	5.44	cps
Scandium	45-1	7155036	7196522	7147387	7166315	0.37	cps
Scandium	45-2	215761	200877	217905	211515	4.38	cps
Selenium	82-1	81	-24	-71	-5	-1700.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	101	109	107	4.94	cps
Silicon	28-1	423708	409705	414574	415996	1.71	cps
Silver	107-1	383	350	383	372	5.17	cps
Silver	109-1	200	300	292	264	21.03	cps
Sodium	23-2	15417	15909	16034	15787	2.07	cps
Strontium	86-1	7369	7044	7469	7294	3.05	cps
Strontium	88-1	117	267	133	172	47.74	cps
Sulfur	34-1	242673	240666	241596	241645	0.42	cps
Terbium	159-1	11926611	11781643	11781734	11829996	0.71	cps
Terbium	159-2	4361498	4067751	4367885	4265711	4.02	cps
Thallium	203-1	625	450	433	503	21.12	cps
Thallium	205-1	1117	1058	1008	1061	5.11	cps
Tin	118-1	808	708	775	764	6.67	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:15:41	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	275	133	206	34.48	cps
Uranium	238-1	8	0	33	14	124.91	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Ytterbium	172-1	33	58	100	64	52.72	cps
Ytterbium	172-2	22	33	33	30	21.65	cps
Ytterbium	176-1	1150	1333	1183	1222	7.99	cps
Ytterbium	176-2	4723	4334	5357	4805	10.74	cps
Yttrium	89-1	16749806	16453003	16074327	16425712	2.06	cps
Yttrium	89-2	1846587	1711442	1846261	1801430	4.33	cps
Zinc	66-2	143	159	146	149	5.90	cps
Zirconium	90-1	742	608	692	681	9.90	cps
Zirconium	91-1	108	150	192	150	27.78	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64	56	61	60	6.32	cps
Antimony	121-1	117	175	208	167	27.84	cps
Arsenic	75-2	3	1	11	5	105.83	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	33	50	50	44	21.66	cps
Beryllium	9-1	98	82	64	81	20.91	cps
Bismuth	209-1	6811766	6597577	6843233	6750858	1.98	cps
Bismuth	209-2	2897653	2955585	2964179	2939139	1.23	cps
Boron	10-1	6222	5974	6232	6143	2.38	cps
Boron	11-1	27158	27841	26459	27153	2.55	cps
Bromine	81-1	46828	44116	46797	45914	3.39	cps
Cadmium	111-1	84	36	69	63	39.15	cps
Cadmium	106-1	4126	3926	3942	3998	2.78	cps
Cadmium	108-1	46	58	42	49	17.84	cps
Calcium	43-1	201	210	205	205	2.14	cps
Calcium	44-1	6347	6362	6138	6282	1.99	cps
Carbon	12-1	4700702	4621718	4518828	4613749	1.98	cps
Carbon	12-2	48088	47720	46926	47578	1.25	cps
Chlorine	35-1	80365	81135	79217	80239	1.20	cps
Chlorine	35-2	692	733	775	733	5.68	cps
Chromium	52-2	900	917	950	922	2.76	cps
Cobalt	59-2	60	53	53	56	6.93	cps
Copper	63-2	637	533	560	577	9.30	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	133	67	92	39.63	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	108	42	50	67	54.49	cps
Gadolinium	160-2	50	57	87	64	30.31	cps
Holmium	165-1	11345363	11086598	10878788	11103583	2.11	cps
Holmium	165-2	4180476	4118633	4385548	4228219	3.30	cps
Indium	115-1	10099953	9723545	9612886	9812128	2.60	cps
Indium	115-2	1419325	1482681	1449041	1450349	2.19	cps
Iron	54-2	494	511	539	515	4.36	cps
Iron	56-2	4334	4206	4067	4203	3.17	cps
Iron	57-2	167	128	194	163	20.55	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4743	4761	4735	4746	0.28	cps
Lead	206-1	1128	1178	1100	1135	3.47	cps
Lead	207-1	995	856	1006	952	8.78	cps
Lead	208-1	4373	4239	4495	4369	2.93	cps
Lithium	6-1	4840966	4655272	4335361	4610533	5.55	cps
Magnesium	24-2	350	258	258	289	18.32	cps
Manganese	55-2	37	43	53	44	18.87	cps
Molybdenum	94-1	167	183	275	208	28.00	cps
Molybdenum	95-1	83	75	117	92	24.05	cps
Molybdenum	96-1	792	733	575	700	16.02	cps
Molybdenum	97-1	83	50	75	69	24.98	cps
Molybdenum	98-1	367	383	333	361	7.05	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20	37	33	30	29.40	cps
Phosphorus	31-2	125	75	83	94	28.36	cps
Potassium	39-2	19388	18454	18821	18888	2.49	cps
Rhodium	103-1	9525131	9188020	9266050	9326401	1.89	cps
Rhodium	103-2	3548624	3579831	3607538	3578664	0.82	cps
Scandium	45-1	7258051	7154980	6944263	7119098	2.25	cps
Scandium	45-2	213113	212509	211913	212512	0.28	cps
Selenium	82-1	20	96	-3	38	136.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	118	114	115	116	1.80	cps
Silicon	28-1	420327	409853	407011	412397	1.70	cps
Silver	107-1	333	325	258	306	13.45	cps
Silver	109-1	325	283	333	314	8.53	cps
Sodium	23-2	15759	15817	15750	15775	0.23	cps
Strontium	86-1	7436	7602	7744	7594	2.03	cps
Strontium	88-1	158	108	100	122	25.81	cps
Sulfur	34-1	246988	242878	247239	245702	1.00	cps
Terbium	159-1	11959105	11531288	11586030	11692141	1.99	cps
Terbium	159-2	4214542	4107496	4472121	4264720	4.39	cps
Thallium	203-1	458	483	467	469	2.71	cps
Thallium	205-1	1108	1258	1225	1197	6.58	cps
Tin	118-1	667	700	708	692	3.19	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P8
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:18:43	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	267	133	194	34.64	cps
Uranium	238-1	33	50	17	33	50.00	cps
Vanadium	51-2	17	0	10	9	94.38	cps
Ytterbium	172-1	100	25	42	56	70.88	cps
Ytterbium	172-2	6	33	22	20	68.62	cps
Ytterbium	176-1	1408	1117	1500	1342	14.92	cps
Ytterbium	176-2	4445	4834	5473	4918	10.56	cps
Yttrium	89-1	17059996	16396194	16333581	16596591	2.43	cps
Yttrium	89-2	1766144	1835158	1800133	1800478	1.92	cps
Zinc	66-2	89	66	76	77	15.11	cps
Zirconium	90-1	550	608	667	608	9.59	cps
Zirconium	91-1	133	108	67	103	32.77	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	705483	697018	687710	696737	1.28	cps
Antimony	121-1	3591160	3661374	3690899	3647811	1.40	cps
Arsenic	75-2	106852	107113	107930	107298	0.52	cps
Barium	135-1	5022146	5037489	5070716	5043450	0.49	cps
Barium	137-1	8621425	8586438	8517985	8575283	0.61	cps
Beryllium	9-1	1403271	1384184	1438739	1408732	1.97	cps
Bismuth	209-1	6831232	6832444	6672374	6778683	1.36	cps
Bismuth	209-2	2978745	2965302	2998457	2980835	0.56	cps
Boron	10-1	314008	326768	342562	327780	4.36	cps
Boron	11-1	1289649	1425919	1369383	1361650	5.03	cps
Bromine	81-1	40511	39698	40983	40397	1.61	cps
Cadmium	111-1	998267	992284	963690	984747	1.88	cps
Cadmium	106-1	119535	116071	115820	117142	1.77	cps
Cadmium	108-1	81432	78405	80743	80193	1.98	cps
Calcium	43-1	1556400	1557971	1557569	1557313	0.05	cps
Calcium	44-1	24627103	25120302	24356734	24701379	1.57	cps
Carbon	12-1	5718024	5832790	5888787	5813200	1.50	cps
Carbon	12-2	65974	68059	66350	66794	1.66	cps
Chlorine	35-1	104510	105199	106674	105461	1.05	cps
Chlorine	35-2	858	858	808	842	3.43	cps
Chromium	52-2	1059137	1067399	1051015	1059184	0.77	cps
Cobalt	59-2	1923727	1954246	1869080	1915684	2.25	cps
Copper	63-2	14140779	14061928	14435972	14212893	1.39	cps
Dysprosium	156-1	233	300	233	256	15.06	cps
Dysprosium	156-2	67	103	80	83	22.27	cps
Erbium	164-1	158	167	92	139	29.60	cps
Erbium	164-2	63	47	50	53	16.53	cps
Gadolinium	160-1	208	275	217	233	15.57	cps
Gadolinium	160-2	147	153	167	156	6.55	cps
Holmium	165-1	11432438	11315626	11500990	11416351	0.82	cps
Holmium	165-2	4342823	4369441	4363862	4358709	0.32	cps
Indium	115-1	9633694	9452645	9648028	9578122	1.14	cps
Indium	115-2	1403798	1412954	1408854	1408536	0.33	cps
Iron	54-2	2634262	2619022	2574745	2609343	1.18	cps
Iron	56-2	45454372	45307505	44610494	45124124	1.00	cps
Iron	57-2	1074374	1066391	1065279	1068681	0.46	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4691	4518	4470	4560	2.55	cps
Lead	206-1	15059668	15138280	14976645	15058198	0.54	cps
Lead	207-1	13088171	13166902	12710358	12988477	1.88	cps
Lead	208-1	60286187	60567031	58765814	59873011	1.62	cps
Lithium	6-1	4575080	4575602	4857754	4669479	3.49	cps
Magnesium	24-2	9681015	9768159	9406680	9618618	1.96	cps
Manganese	55-2	6245044	6249073	6248077	6247398	0.03	cps
Molybdenum	94-1	15175962	14896783	14634346	14902364	1.82	cps
Molybdenum	95-1	22164083	21534304	21260874	21653087	2.14	cps
Molybdenum	96-1	23824248	23505897	22996156	23442100	1.78	cps
Molybdenum	97-1	13267131	13119477	12761125	13049244	1.99	cps
Molybdenum	98-1	34686498	34127424	33344313	34052745	1.98	cps
Neodymium	150-1	333	293	307	311	6.55	cps
Neodymium	150-2	33	17	30	27	33.06	cps
Nickel	60-2	472885	466887	476497	472090	1.03	cps
Phosphorus	31-2	38953	37625	38694	38424	1.83	cps
Potassium	39-2	3968060	3920025	4004090	3964058	1.06	cps
Rhodium	103-1	8975648	8963957	8991736	8977114	0.16	cps
Rhodium	103-2	3594183	3537894	3530001	3554026	0.98	cps
Scandium	45-1	7174628	7026941	7128047	7109872	1.06	cps
Scandium	45-2	219234	220477	216481	218731	0.93	cps
Selenium	82-1	88887	88377	87599	88288	0.74	cps
Selenium	77-2	2547	2780	2540	2623	5.21	cps
Selenium	78-2	8890	9036	8884	8936	0.96	cps
Silicon	28-1	28276548	28131081	27870376	28092668	0.73	cps
Silver	107-1	5663122	5568652	5644293	5625356	0.89	cps
Silver	109-1	5544895	5277389	5178292	5333525	3.56	cps
Sodium	23-2	17630188	18086913	17234124	17650409	2.42	cps
Strontium	86-1	1535732	1510318	1490855	1512302	1.49	cps
Strontium	88-1	12555575	12732709	12822378	12703554	1.07	cps
Sulfur	34-1	816656	799254	797256	804388	1.33	cps
Terbium	159-1	11897454	11636021	11971580	11835019	1.49	cps
Terbium	159-2	4487522	4482687	4407794	4459334	1.00	cps
Thallium	203-1	3652203	3647025	3692705	3663978	0.68	cps
Thallium	205-1	8487589	8509296	8407887	8468257	0.63	cps
Tin	118-1	3515622	3435555	3501518	3484232	1.23	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P8
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:21:47	DataFile Name :	059LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6876994	6826550	6844437	6849327	0.37	cps
Uranium	238-1	11284954	11193608	10882789	11120450	1.90	cps
Vanadium	51-2	859671	868979	853526	860725	0.90	cps
Ytterbium	172-1	83	67	125	92	32.77	cps
Ytterbium	172-2	56	67	89	70	24.12	cps
Ytterbium	176-1	15534	14592	14884	15003	3.22	cps
Ytterbium	176-2	10699	10365	10593	10553	1.62	cps
Yttrium	89-1	16219883	16590648	16968124	16592885	2.25	cps
Yttrium	89-2	1841496	1817593	1817611	1825567	0.76	cps
Zinc	66-2	1783814	1871767	1850913	1835498	2.50	cps
Zirconium	90-1	7600744	7665330	7687644	7651239	0.59	cps
Zirconium	91-1	1753791	1733101	1730570	1739154	0.73	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3666923	3597809	3609308	3624680	1.02	cps
Antimony	121-1	3639236	3661480	3563106	3621274	1.42	cps
Arsenic	75-2	102767	102912	101672	102450	0.66	cps
Barium	135-1	5117873	5267431	5060529	5148611	2.07	cps
Barium	137-1	8400989	8810302	8553025	8588105	2.41	cps
Beryllium	9-1	1377685	1370989	1375130	1374601	0.25	cps
Bismuth	209-1	6217356	6622476	6427558	6422463	3.15	cps
Bismuth	209-2	2817585	2818117	2901681	2845795	1.70	cps
Boron	10-1	364415	379987	375811	373404	2.16	cps
Boron	11-1	1492654	1537969	1588546	1539723	3.12	cps
Bromine	81-1	39998	45423	43322	42914	6.37	cps
Cadmium	111-1	925362	912713	893669	910582	1.75	cps
Cadmium	106-1	109459	110726	111819	110668	1.07	cps
Cadmium	108-1	75326	77617	75648	76197	1.63	cps
Calcium	43-1	7431207	7647312	7741531	7606684	2.09	cps
Calcium	44-1	119160145	120220508	122917118	120765924	1.60	cps
Carbon	12-1	5882922	5907024	6006620	5932188	1.11	cps
Carbon	12-2	68527	67523	68619	68223	0.89	cps
Chlorine	35-1	95599	97226	98007	96944	1.27	cps
Chlorine	35-2	858	758	833	817	6.37	cps
Chromium	52-2	1021271	1041099	1014925	1025765	1.33	cps
Cobalt	59-2	1813070	1888138	1782880	1828029	2.96	cps
Copper	63-2	13096090	13742583	13284459	13374377	2.49	cps
Dysprosium	156-1	733	567	667	656	12.80	cps
Dysprosium	156-2	217	203	223	214	4.75	cps
Erbium	164-1	158	175	183	172	7.39	cps
Erbium	164-2	57	57	63	59	6.53	cps
Gadolinium	160-1	408	475	392	425	10.37	cps
Gadolinium	160-2	243	227	220	230	5.23	cps
Holmium	165-1	10769320	11996325	11571895	11445847	5.44	cps
Holmium	165-2	4481249	4490189	4444583	4472007	0.54	cps
Indium	115-1	9269468	9688041	9666031	9541180	2.47	cps
Indium	115-2	1416891	1399809	1409256	1408652	0.61	cps
Iron	54-2	12016342	12624455	11918103	12186300	3.14	cps
Iron	56-2	215369949	225860988	217523788	219584909	2.52	cps
Iron	57-2	5534290	5635412	5531900	5567201	1.06	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4565	4559	4664	4596	1.28	cps
Lead	206-1	14461339	14635115	13914059	14336837	2.62	cps
Lead	207-1	12234676	12687527	12056664	12326289	2.64	cps
Lead	208-1	57157912	58798075	55335520	57097169	3.03	cps
Lithium	6-1	4599255	4644181	4940116	4727851	3.92	cps
Magnesium	24-2	46512711	45862892	44991214	45788939	1.67	cps
Manganese	55-2	5960745	6413064	6060183	6144664	3.87	cps
Molybdenum	94-1	14782849	15072001	14518087	14790979	1.87	cps
Molybdenum	95-1	21170236	21698986	20676994	21182072	2.41	cps
Molybdenum	96-1	23130861	23377154	22690992	23066336	1.51	cps
Molybdenum	97-1	12973041	13193664	12602812	12923173	2.31	cps
Molybdenum	98-1	34366488	34136505	32930965	33811320	2.28	cps
Neodymium	150-1	333	267	400	333	20.00	cps
Neodymium	150-2	47	33	23	34	34.00	cps
Nickel	60-2	453354	452374	451193	452307	0.24	cps
Phosphorus	31-2	38419	38118	37842	38126	0.76	cps
Potassium	39-2	19063125	19292487	18924938	19093517	0.97	cps
Rhodium	103-1	8044688	8613102	8655789	8437860	4.04	cps
Rhodium	103-2	3421448	3430235	3320492	3390725	1.80	cps
Scandium	45-1	6577494	7446018	7274640	7099384	6.48	cps
Scandium	45-2	222998	220272	218161	220477	1.10	cps
Selenium	82-1	82052	83614	82832	82832	0.94	cps
Selenium	77-2	2584	2527	2477	2529	2.11	cps
Selenium	78-2	8376	8399	8264	8347	0.87	cps
Silicon	28-1	30210258	30615899	30900110	30575422	1.13	cps
Silver	107-1	5078773	5272626	5239918	5197105	2.00	cps
Silver	109-1	5079355	4924952	4935963	4980090	1.73	cps
Sodium	23-2	88468927	85892535	85453625	86605029	1.88	cps
Strontium	86-1	1529830	1498185	1498005	1508674	1.21	cps
Strontium	88-1	12852453	12932014	12507076	12763848	1.77	cps
Sulfur	34-1	775817	785248	776994	779353	0.66	cps
Terbium	159-1	11543944	12183676	12185996	11971206	3.09	cps
Terbium	159-2	4517505	4420678	4499731	4479304	1.15	cps
Thallium	203-1	3615455	3607255	3476145	3566285	2.19	cps
Thallium	205-1	8321384	8370220	8152017	8281207	1.38	cps
Tin	118-1	3453033	3416818	3368910	3412921	1.24	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:27:36	DataFile Name :	061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6509580	6730957	6785388	6675308	2.19	cps
Uranium	238-1	11322087	11570050	11548986	11480374	1.20	cps
Vanadium	51-2	853260	858015	856822	856032	0.29	cps
Ytterbium	172-1	133	167	167	156	12.37	cps
Ytterbium	172-2	61	61	72	65	9.90	cps
Ytterbium	176-1	15676	15485	15643	15601	0.66	cps
Ytterbium	176-2	10666	10554	10471	10564	0.92	cps
Yttrium	89-1	16325966	17170998	17107396	16868120	2.79	cps
Yttrium	89-2	1840025	1868588	1798037	1835550	1.93	cps
Zinc	66-2	1706854	1729982	1689904	1708913	1.18	cps
Zirconium	90-1	7814899	7774782	7754653	7781445	0.39	cps
Zirconium	91-1	1735671	1767098	1729604	1744125	1.15	cps

LB Number : LB121219 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired : 2022-05-11 19:36:57 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	85	66	82	18.37	cps
Antimony	121-1	542	733	558	611	17.37	cps
Arsenic	75-2	10	10	6	9	26.65	cps
Barium	135-1	58	83	67	69	18.34	cps
Barium	137-1	108	92	33	78	50.64	cps
Beryllium	9-1	128	92	126	115	17.55	cps
Bismuth	209-1	6164585	7121704	6771543	6685944	7.24	cps
Bismuth	209-2	3067565	3032341	3111856	3070587	1.30	cps
Boron	10-1	14588	14388	13932	14303	2.35	cps
Boron	11-1	61649	60288	59559	60499	1.75	cps
Bromine	81-1	42861	45210	44707	44259	2.79	cps
Cadmium	111-1	90	54	60	68	28.16	cps
Cadmium	106-1	2825	3392	3817	3345	14.88	cps
Cadmium	108-1	67	54	58	60	10.66	cps
Calcium	43-1	276	236	251	255	7.94	cps
Calcium	44-1	7526	7042	7140	7236	3.54	cps
Carbon	12-1	5129525	5188002	5165145	5160891	0.57	cps
Carbon	12-2	55439	54895	53507	54614	1.82	cps
Chlorine	35-1	88184	88689	86969	87948	1.00	cps
Chlorine	35-2	792	675	842	769	11.11	cps
Chromium	52-2	850	907	810	856	5.68	cps
Cobalt	59-2	57	93	80	77	24.20	cps
Copper	63-2	660	643	690	664	3.56	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	142	125	50	106	46.26	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	25	75	50	50	50.00	cps
Gadolinium	160-2	67	93	57	72	26.24	cps
Holmium	165-1	9904922	10994839	11626213	10841991	8.03	cps
Holmium	165-2	4361701	4450198	4392918	4401606	1.02	cps
Indium	115-1	8889962	9730930	10046043	9555645	6.25	cps
Indium	115-2	1548559	1457190	1562115	1522621	3.75	cps
Iron	54-2	650	622	567	613	6.92	cps
Iron	56-2	5123	4818	5073	5005	3.28	cps
Iron	57-2	206	200	272	226	17.79	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:36:57	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4739	4744	4739	4741	0.06	cps
Lead	206-1	1411	1278	1233	1308	7.08	cps
Lead	207-1	1239	1150	1239	1209	4.24	cps
Lead	208-1	5845	5478	5512	5612	3.61	cps
Lithium	6-1	4262588	4828822	4897860	4663090	7.47	cps
Magnesium	24-2	483	483	442	469	5.12	cps
Manganese	55-2	93	70	77	80	15.02	cps
Molybdenum	94-1	525	342	367	411	24.18	cps
Molybdenum	95-1	592	392	283	422	37.05	cps
Molybdenum	96-1	1175	1192	842	1070	18.46	cps
Molybdenum	97-1	400	183	192	258	47.52	cps
Molybdenum	98-1	1033	608	667	769	29.94	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	50	70	40	53	28.64	cps
Phosphorus	31-2	150	100	75	108	35.25	cps
Potassium	39-2	19722	18771	19539	19344	2.61	cps
Rhodium	103-1	8108598	9231665	9472620	8937628	8.15	cps
Rhodium	103-2	3659276	3553770	3688664	3633903	1.95	cps
Scandium	45-1	6386804	7225518	7338470	6983597	7.44	cps
Scandium	45-2	218359	221286	220335	219993	0.68	cps
Selenium	82-1	10	-86	-34	-37	-131.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	97	96	93	5.90	cps
Silicon	28-1	424642	426240	423096	424659	0.37	cps
Silver	107-1	650	667	592	636	6.19	cps
Silver	109-1	625	592	500	572	11.31	cps
Sodium	23-2	22952	23044	22101	22699	2.29	cps
Strontium	86-1	7752	7752	7969	7825	1.60	cps
Strontium	88-1	242	200	258	233	12.88	cps
Sulfur	34-1	231654	231189	231214	231353	0.11	cps
Terbium	159-1	10565535	11686864	12057710	11436703	6.79	cps
Terbium	159-2	4384600	4385403	4410386	4393463	0.33	cps
Thallium	203-1	817	767	667	750	10.18	cps
Thallium	205-1	1658	1742	1842	1747	5.25	cps
Tin	118-1	708	783	775	756	5.44	cps

LB Number :	LB121219	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired :	2022-05-11 19:36:57	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	267	300	289	6.66	cps
Uranium	238-1	142	42	67	83	62.45	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Ytterbium	172-1	67	100	92	86	20.14	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	1042	1008	1042	1031	1.87	cps
Ytterbium	176-2	4834	5229	5323	5129	5.06	cps
Yttrium	89-1	14649078	17027628	17228578	16301761	8.80	cps
Yttrium	89-2	1834613	1820942	1836356	1830637	0.46	cps
Zinc	66-2	193	183	123	166	22.84	cps
Zirconium	90-1	600	858	683	714	18.47	cps
Zirconium	91-1	167	158	108	144	21.84	cps