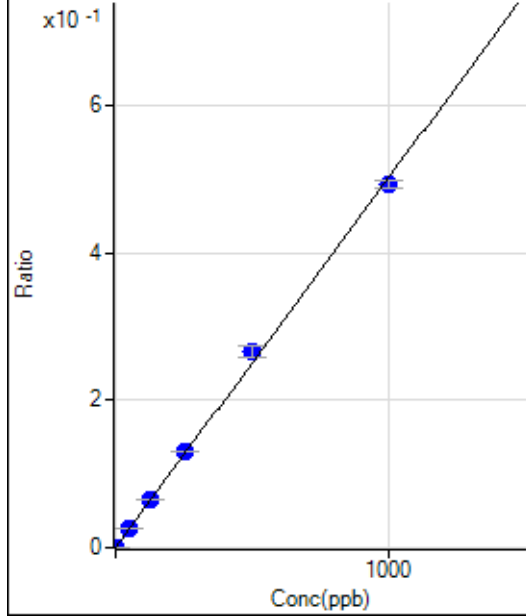


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042120-MS.b\
Analysis File: P8042120-MS .batch.bin
DA Date-Time: 2020-04-23 13:36:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB P8042120-MS.D	S00	2020-04-21 12:26:24
2	007CAL5 P8042120-MS.D	S02	2020-04-21 12:32:24
3	008CAL5 P8042120-MS.D	S03	2020-04-21 12:35:24
4	009CAL5 P8042120-MS.D	S04	2020-04-21 12:38:22
5	010CAL5 P8042120-MS.D	S05	2020-04-21 12:41:22
6	011CAL5 P8042120-MS.D	S06	2020-04-21 12:44:21
7	012CAL5 P8042120-MS.D	S07	2020-04-21 12:47:21
8	013CAL5 P8042120-MS.D	S08	2020-04-21 12:50:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.00	0.0000	P	57.2
2	☐	1.000	0.963	553.24	0.0005	P	9.1
3	☐	50.000	50.937	28930.51	0.0255	P	3.0
4	☐	125.000	131.759	74361.59	0.0660	P	1.2
5	☐	250.000	259.760	146652.47	0.1302	P	1.3
6	☐	500.000	530.547	296204.39	0.2658	P	5.5
7	☐	1000.000	981.395	571488.94	0.4917	P	2.1
8	☐			175.30	0.0002	P	1.9

$$y = 5.0105\text{E-}004 * x + 1.0939\text{E-}005$$

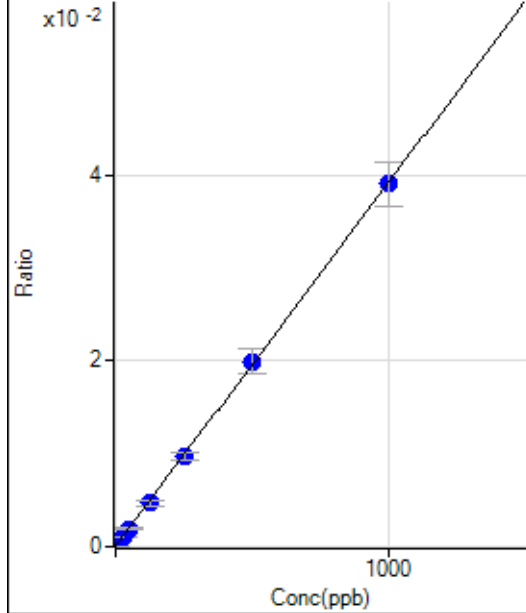
$$R = 0.9992$$

$$DL = 0.03744$$

$$BEC = 0.02183$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.32	0.0000	P	11.7
2	☐	25.000	24.582	1127.16	0.0010	P	8.1
3	☐	50.000	47.550	2155.74	0.0019	P	11.7
4	☐	125.000	118.180	5257.25	0.0047	P	12.0
5	☐	250.000	249.428	11040.65	0.0098	P	8.7
6	☐	500.000	508.998	22219.17	0.0199	P	14.1
7	☐	1000.000	996.630	45322.18	0.0390	P	12.2
8	☐			7883.92	0.0068	P	9.7

$$y = 3.9099\text{E-}005 * x + 4.3938\text{E-}005$$

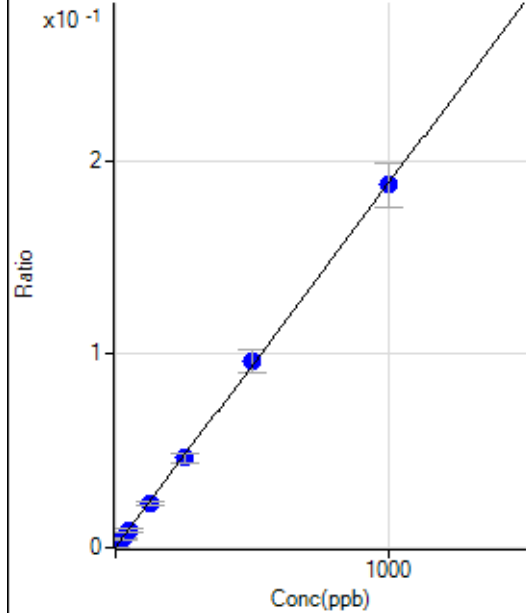
$$R = 0.9999$$

$$DL = 0.3942$$

$$BEC = 1.124$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.30	0.0001	P	11.1
2	☐	25.000	24.466	5316.60	0.0047	P	12.2
3	☐	50.000	47.320	10248.26	0.0090	P	14.5
4	☐	125.000	121.421	25923.15	0.0230	P	10.9
5	☐	250.000	246.435	52453.02	0.0465	P	10.0
6	☐	500.000	511.394	107441.51	0.0964	P	13.2
7	☐	1000.000	995.789	217968.16	0.1876	P	12.1
8	☐			37871.39	0.0325	P	10.4

$$y = 1.8829\text{E-}004 * x + 1.3677\text{E-}004$$

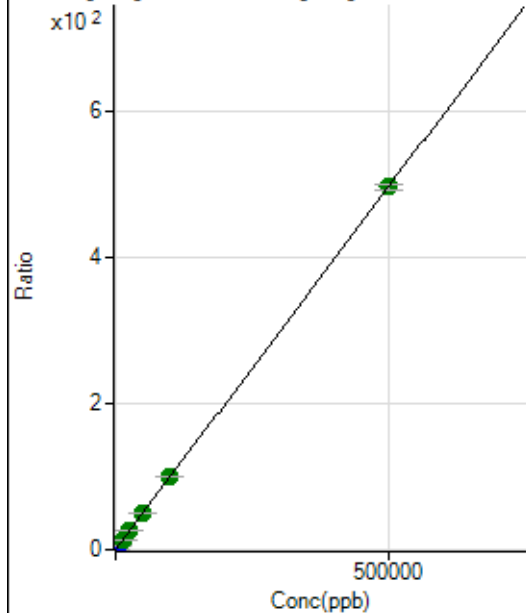
$$R = 0.9999$$

$$DL = 0.2421$$

$$BEC = 0.7264$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17168.86	0.1841	P	0.9
2	☐	500.000	502.865	63139.83	0.6834	P	1.4
3	☐	5000.000	5016.746	484767.62	5.1653	P	2.0
4	☐	12500.000	13357.473	1199468.99	13.4468	A	6.7
5	☐	25000.000	25780.980	2351372.15	25.7822	A	1.0
6	☐	50000.000	50893.821	4537381.05	50.7169	A	1.2
7	☐	100000.00	99748.905	8790382.40	99.2253	A	0.9
8	☐	500000.00	499900.18	43313523.89	496.5375	A	1.2

$$y = 9.9290\text{E-}004 * x + 0.1841$$

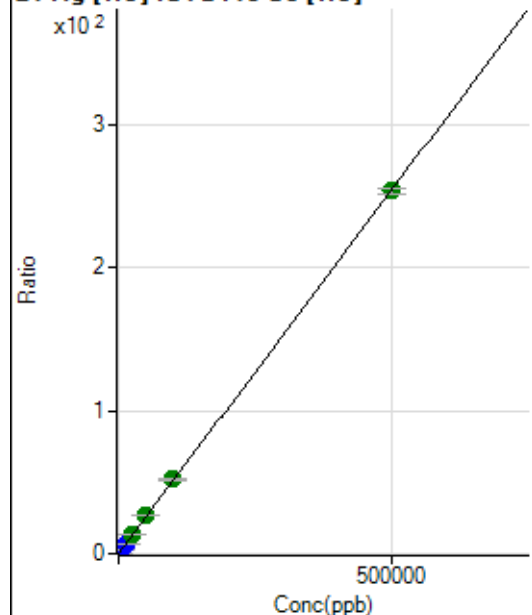
$$R = 1.0000$$

$$DL = 4.942$$

$$BEC = 185.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.00	0.0016	P	32.3
2	☐	500.000	519.238	24537.91	0.2656	P	1.5
3	☐	5000.000	5201.521	248376.93	2.6465	P	1.9
4	☐	12500.000	13898.642	630140.02	7.0687	P	7.8
5	☐	25000.000	26593.286	1233320.47	13.5237	A	1.1
6	☐	50000.000	52979.213	2410201.98	26.9403	A	1.2
7	☐	100000.00	102051.46	4596888.91	51.8924	A	1.4
8	☐	500000.00	499175.12	22140644.94	253.8205	A	1.4

$$y = 5.0848\text{E-}004 * x + 0.0016$$

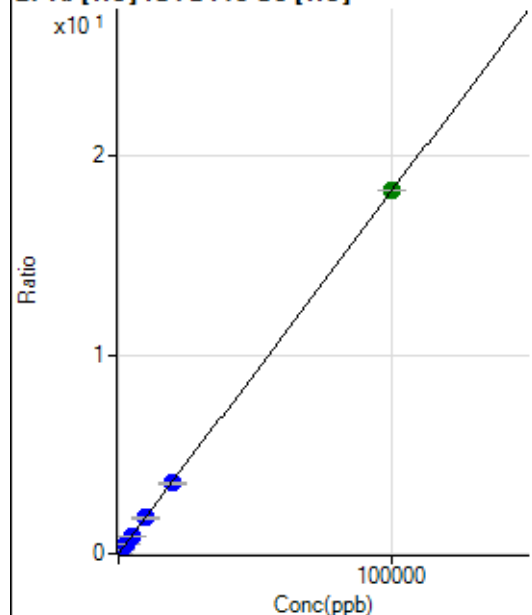
R = 1.0000

DL = 3.062

BEC = 3.155

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292.61	0.0031	P	18.1
2	☐	20.000	19.048	611.23	0.0066	P	3.3
3	☐	1000.000	948.700	16518.09	0.1760	P	3.0
4	☐	2500.000	2574.625	42128.20	0.4723	P	6.7
5	☐	5000.000	4965.670	82809.92	0.9080	P	0.4
6	☐	10000.000	9804.952	160125.93	1.7898	P	0.8
7	☐	20000.000	19378.611	313082.22	3.5344	P	2.0
8	☐	100000.00	100144.14	1592346.39	18.2517	A	0.1

$$y = 1.8222\text{E-}004 * x + 0.0031$$

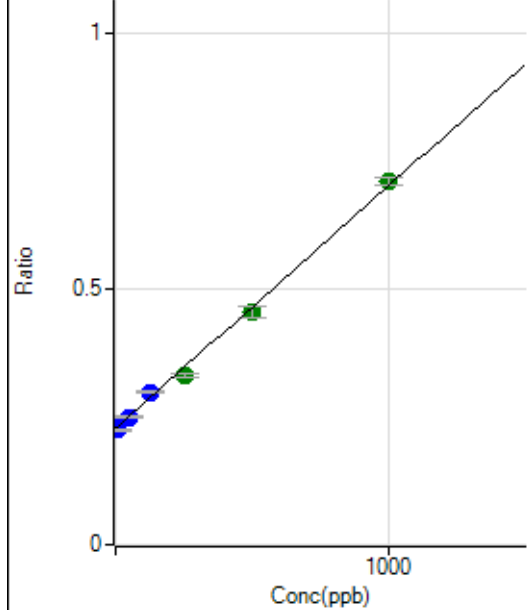
R = 1.0000

DL = 9.372

BEC = 17.26

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	641970.05	0.2275	P	5.6
2	☐	10.000	-7.825	655433.93	0.2237	P	1.1
3	☐	50.000	45.737	739224.17	0.2491	P	0.8
4	☐	125.000	149.677	879280.37	0.2984	P	1.2
5	☐	250.000	216.084	965038.86	0.3299	A	2.1
6	☐	500.000	481.384	1299561.81	0.4557	A	5.1
7	☐	1000.000	1015.094	2070457.36	0.7087	A	2.2
8	☐			732646.38	0.2536	P	0.6

$$y = 4.7406\text{E-}004 * x + 0.2275$$

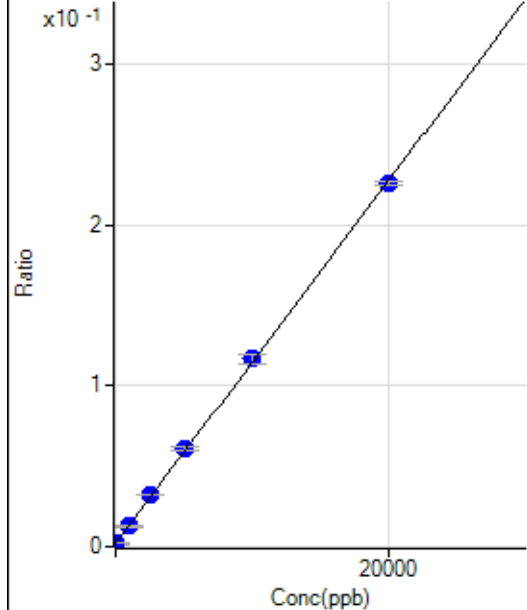
$$R = 0.9985$$

$$DL = 80.4$$

$$BEC = 479.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-28.872	152.78	0.0016	P	48.1
2	☐	0.000	28.872	211.12	0.0023	P	33.7
3	☐	1000.000	946.718	1186.19	0.0126	P	7.2
4	☐	2500.000	2671.582	2872.58	0.0321	P	2.1
5	☐	5000.000	5240.072	5573.44	0.0611	P	2.4
6	☐	10000.000	10184.826	10462.35	0.1169	P	4.5
7	☐	20000.000	19828.786	20005.94	0.2258	P	1.1
8	☐			150.01	0.0017	P	34.1

$$y = 1.1290\text{E-}005 * x + 0.0020$$

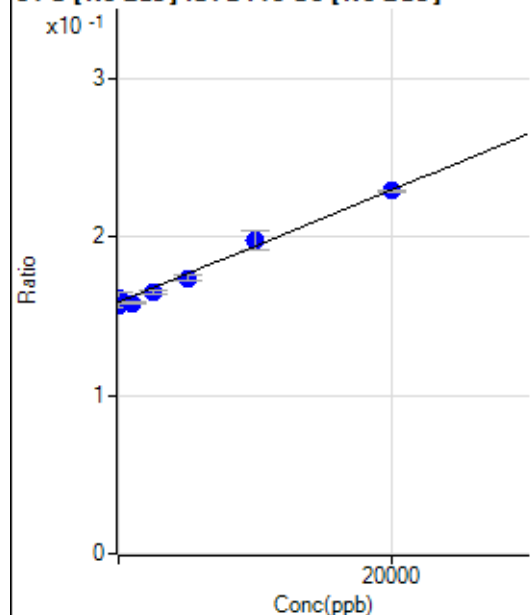
$$R = 0.9998$$

$$DL = 206.3$$

$$BEC = 173.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	696.409	455305.34	0.1613	P	5.4
2	☐	0.000	-696.409	458062.48	0.1564	P	1.4
3	☐	1000.000	-195.065	469246.34	0.1581	P	0.4
4	☐	2500.000	1827.394	487065.35	0.1653	P	1.7
5	☐	5000.000	4287.492	509076.80	0.1740	P	1.9
6	☐	10000.000	11017.698	564082.78	0.1978	P	5.9
7	☐	20000.000	19813.107	668974.57	0.2290	P	0.5
8	☐			442441.21	0.1532	P	1.1

$$y = 3.5407\text{E-}006 * x + 0.1588$$

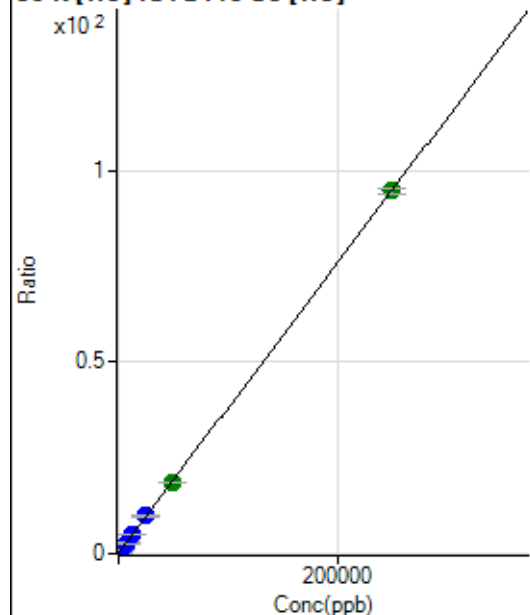
$$R = 0.9946$$

$$DL = 4616$$

$$BEC = 4.486\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15639.38	0.1677	P	1.8
2	☐	500.000	500.264	32960.47	0.3568	P	2.3
3	☐	2500.000	2522.514	105201.93	1.1210	P	2.2
4	☐	6250.000	6745.750	242270.68	2.7168	P	7.2
5	☐	12500.000	12893.312	459627.87	5.0398	P	0.8
6	☐	25000.000	25507.070	877329.44	9.8063	P	1.0
7	☐	50000.000	48745.266	1646517.14	18.5875	A	2.3
8	☐	250000.00	250167.95	8260933.26	94.7006	A	1.6

$$y = 3.7788\text{E-}004 * x + 0.1677$$

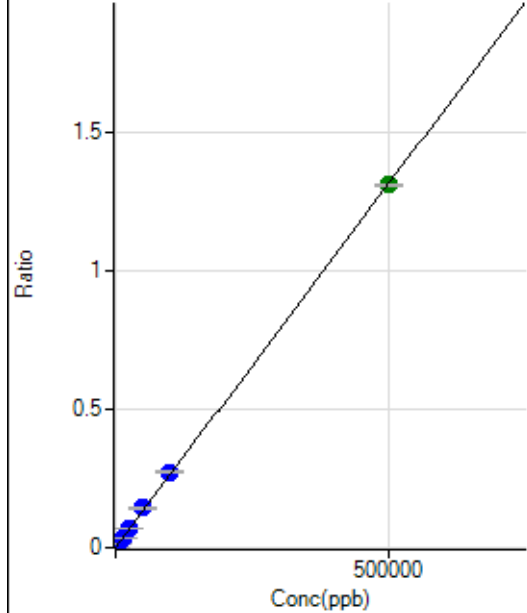
$$R = 1.0000$$

$$DL = 24.27$$

$$BEC = 443.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	469.47	0.0002	P	12.0
2	☐	500.000	503.443	4364.68	0.0015	P	3.9
3	☐	5000.000	5167.545	40828.26	0.0138	P	1.6
4	☐	12500.000	13133.593	102287.89	0.0347	P	2.2
5	☐	25000.000	26286.387	202814.00	0.0693	P	1.0
6	☐	50000.000	54850.544	411968.02	0.1445	P	5.7
7	☐	100000.00	103928.93	799245.66	0.2736	P	1.2
8	☐	500000.00	498647.32	3790054.29	1.3120	A	0.5

$$y = 2.6308\text{E-}006 * x + 1.6543\text{E-}004$$

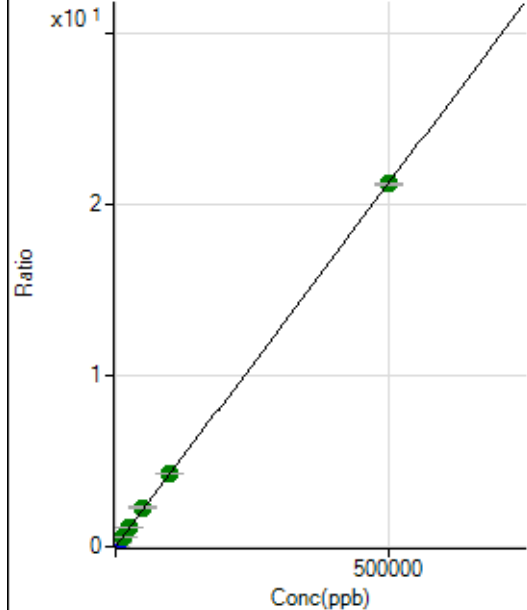
$$R = 0.9999$$

$$DL = 22.62$$

$$BEC = 62.88$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20721.09	0.0073	P	6.4
2	☐	500.000	493.434	82874.91	0.0283	P	0.8
3	☐	5000.000	5262.540	684651.41	0.2307	P	1.0
4	☐	12500.000	13275.123	1682225.10	0.5709	A	1.4
5	☐	25000.000	26424.987	3303721.17	1.1291	A	0.6
6	☐	50000.000	53614.777	6512190.21	2.2833	A	5.9
7	☐	100000.00	101032.52	12551028.41	4.2962	A	0.9
8	☐	500000.00	499338.77	61253936.09	21.2044	A	0.5

$$y = 4.2450\text{E-}005 * x + 0.0073$$

$$R = 1.0000$$

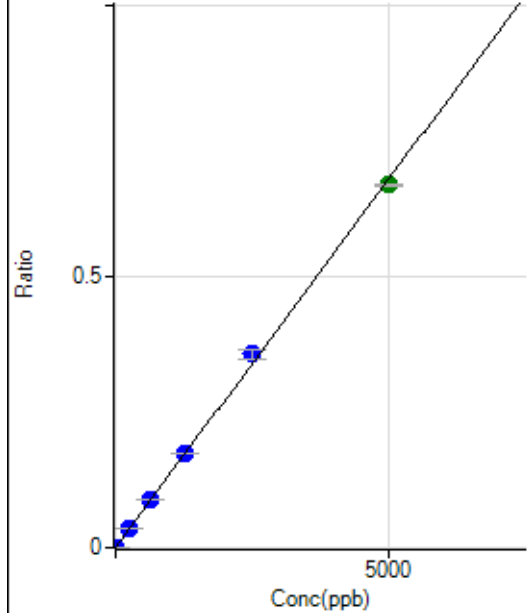
$$DL = 33.41$$

$$BEC = 173$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0001	P	22.0
2	☐	5.000	5.272	2530.84	0.0009	P	5.5
3	☐	250.000	249.550	100890.40	0.0340	P	0.2
4	☐	625.000	643.133	257524.03	0.0874	P	1.1
5	☐	1250.000	1281.624	509155.45	0.1740	P	0.7
6	☐	2500.000	2626.069	1016268.48	0.3564	P	5.7
7	☐	5000.000	4926.815	1953100.28	0.6685	A	0.6
8	☐			705.59	0.0002	P	2.3

$$y = 1.3566E-004 * x + 1.4845E-004$$

$$R = 0.9995$$

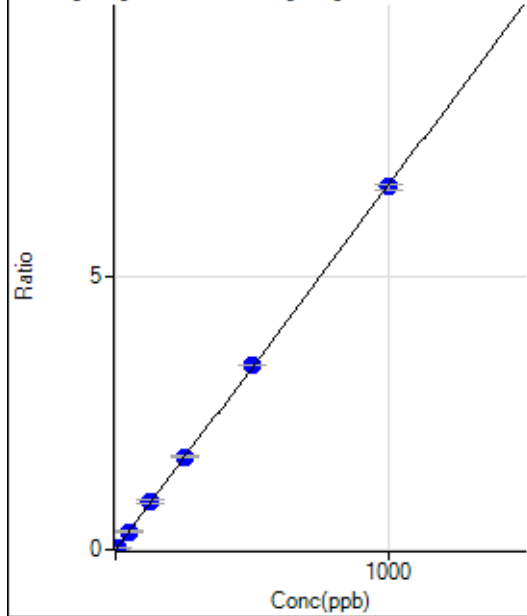
$$DL = 0.7237$$

$$BEC = 1.094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0001	P	95.2
2	☐	5.000	5.320	3290.41	0.0356	P	3.1
3	☐	50.000	49.689	31143.88	0.3319	P	2.3
4	☐	125.000	132.415	78774.31	0.8842	P	9.0
5	☐	250.000	254.941	155234.54	1.7023	P	1.7
6	☐	500.000	505.419	301916.97	3.3746	P	0.3
7	☐	1000.000	995.142	588588.59	6.6443	P	1.4
8	☐			250.00	0.0029	P	16.4

$$y = 0.0067 * x + 9.6417E-005$$

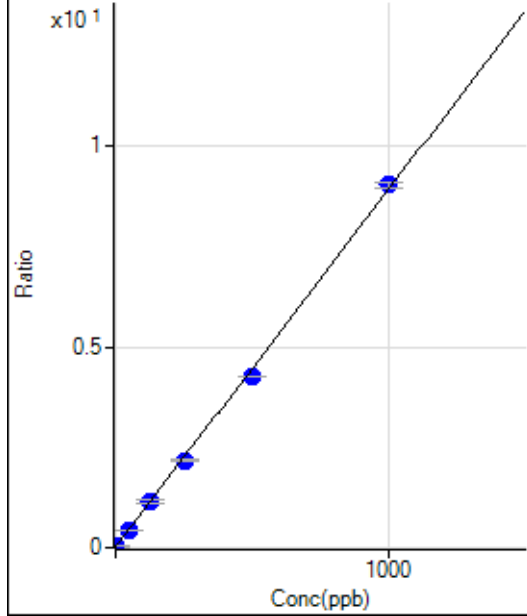
$$R = 0.9999$$

$$DL = 0.04126$$

$$BEC = 0.01444$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1155.62	0.0124	P	10.3
2	☐	2.000	1.901	2709.17	0.0293	P	1.3
3	☐	50.000	46.426	39955.64	0.4257	P	2.3
4	☐	125.000	126.522	101567.06	1.1389	P	7.0
5	☐	250.000	242.528	198045.04	2.1717	P	1.4
6	☐	500.000	477.904	381778.53	4.2673	P	0.4
7	☐	1000.000	1012.905	799955.89	9.0306	P	1.8
8	☐			22693.59	0.2602	P	2.7

$$y = 0.0089 * x + 0.0124$$

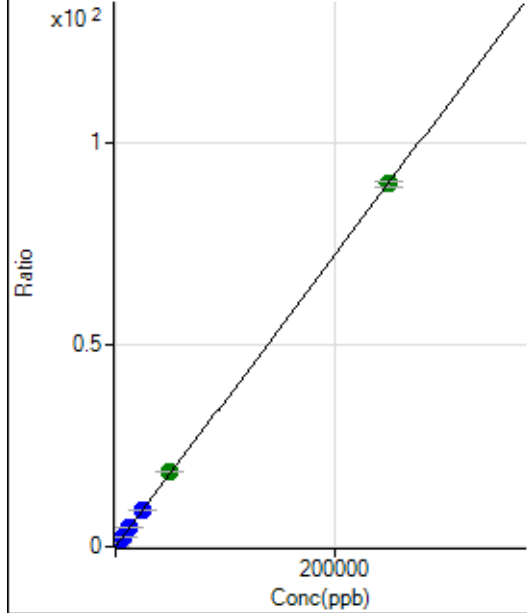
$$R = 0.9996$$

$$DL = 0.4295$$

$$BEC = 1.393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	361.12	0.0039	P	17.1
2	☐	50.000	51.214	2063.15	0.0223	P	6.9
3	☐	2500.000	2500.731	85008.76	0.9058	P	1.8
4	☐	6250.000	6753.721	217448.19	2.4396	P	8.1
5	☐	12500.000	13012.652	428362.34	4.6969	P	0.2
6	☐	25000.000	25683.486	829068.18	9.2666	P	0.5
7	☐	50000.000	51535.190	1646772.13	18.5900	A	1.7
8	☐	250000.00	249586.38	7851942.30	90.0169	A	1.8

$$y = 3.6065E-004 * x + 0.0039$$

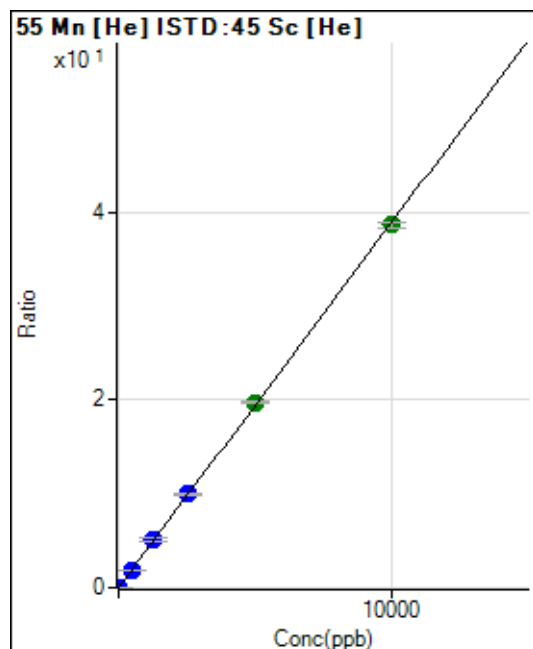
$$R = 1.0000$$

$$DL = 5.494$$

$$BEC = 10.73$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0006	P	49.4
2	☐	1.000	1.016	423.35	0.0046	P	2.5
3	☐	500.000	494.408	180648.76	1.9248	P	1.9
4	☐	1250.000	1333.175	462502.52	5.1892	P	8.2
5	☐	2500.000	2564.500	910269.36	9.9813	P	1.0
6	☐	5000.000	5076.345	1767617.96	19.7570	A	0.8
7	☐	10000.000	9935.585	3425459.15	38.6685	A	1.4
8	☐			5553.36	0.0637	P	0.7

$$y = 0.0039 * x + 6.2922E-004$$

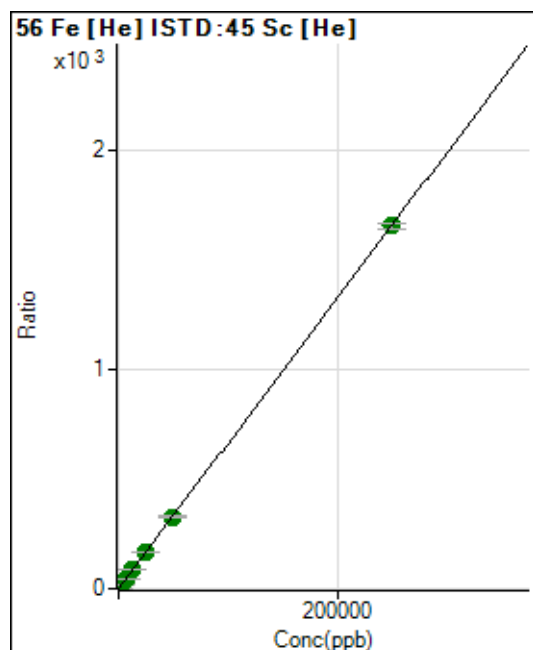
$$R = 0.9999$$

$$DL = 0.2394$$

$$BEC = 0.1617$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2172.43	0.0233	P	3.9
2	☐	50.000	52.171	33999.98	0.3680	P	0.8
3	☐	2500.000	2505.941	1556597.28	16.5826	A	0.3
4	☐	6250.000	6698.781	3946808.62	44.2890	A	8.6
5	☐	12500.000	12808.462	7721017.59	84.6619	A	0.7
6	☐	25000.000	25388.679	15012028.69	167.7923	A	0.4
7	☐	50000.000	49663.637	29073375.42	328.2018	A	1.6
8	☐	250000.00	250001.70	144115342.1	1,652.040	A	1.4

$$y = 0.0066 * x + 0.0233$$

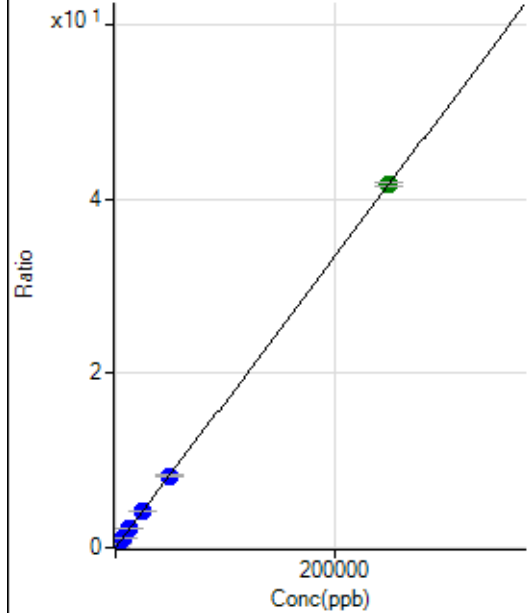
$$R = 1.0000$$

$$DL = 0.4128$$

$$BEC = 3.525$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0011	P	20.3
2	☐	50.000	49.336	863.00	0.0093	P	4.6
3	☐	2500.000	2418.316	37868.94	0.4034	P	0.5
4	☐	6250.000	6601.006	97950.81	1.0992	P	8.7
5	☐	12500.000	12777.241	193942.41	2.1267	P	1.2
6	☐	25000.000	25003.931	372259.74	4.1607	P	1.2
7	☐	50000.000	49490.846	729426.84	8.2342	P	1.3
8	☐	250000.00	250079.61	3629219.70	41.6030	A	1.0

$$y = 1.6635E-004 * x + 0.0011$$

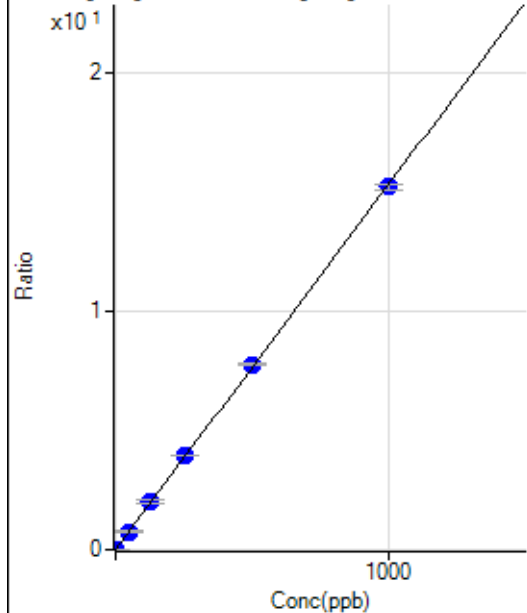
$$R = 1.0000$$

$$DL = 4.159$$

$$BEC = 6.823$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0005	P	52.1
2	☐	1.000	1.051	1533.43	0.0166	P	4.3
3	☐	50.000	49.838	71647.95	0.7634	P	1.3
4	☐	125.000	133.035	181516.25	2.0368	P	8.4
5	☐	250.000	257.274	359191.11	3.9385	P	1.0
6	☐	500.000	506.998	694337.43	7.7609	P	0.6
7	☐	1000.000	993.686	1347386.21	15.2103	P	1.7
8	☐			2659.17	0.0305	P	3.4

$$y = 0.0153 * x + 5.0901E-004$$

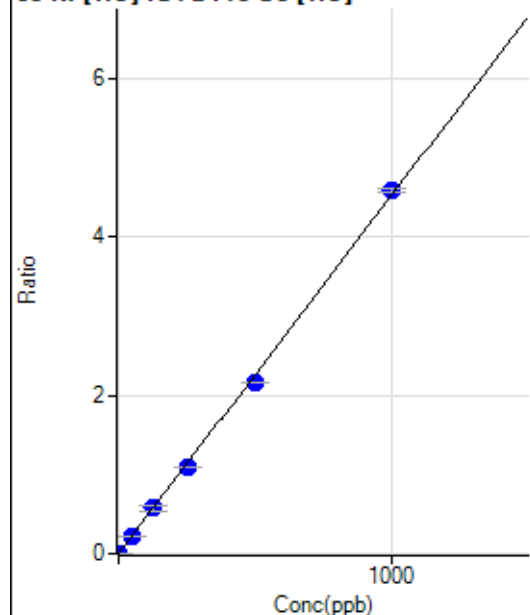
$$R = 0.9999$$

$$DL = 0.05199$$

$$BEC = 0.03325$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	103.33	0.0011	P	13.7
2	☐	1.000	1.068	548.90	0.0059	P	13.1
3	☐	50.000	47.536	20277.86	0.2160	P	0.5
4	☐	125.000	126.254	50939.79	0.5719	P	9.6
5	☐	250.000	242.625	100142.42	1.0981	P	0.9
6	☐	500.000	478.286	193564.46	2.1635	P	0.7
7	☐	1000.000	1012.667	405687.42	4.5796	P	1.0
8	☐			7068.48	0.0810	P	2.2

$$y = 0.0045 * x + 0.0011$$

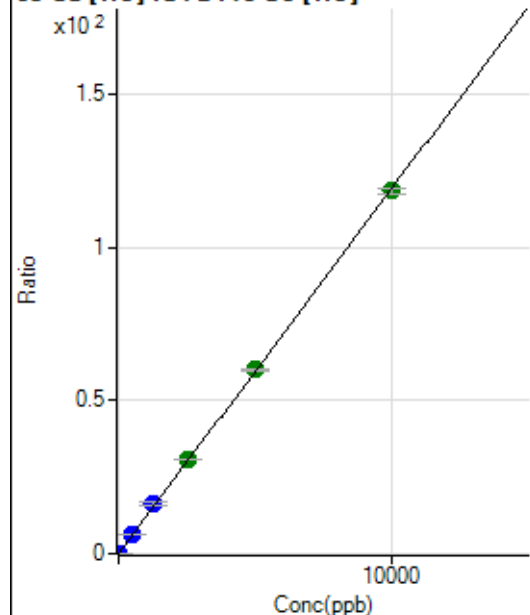
$$R = 0.9996$$

$$DL = 0.1005$$

$$BEC = 0.2449$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	265.56	0.0029	P	13.4
2	☐	2.000	2.018	2481.35	0.0269	P	3.6
3	☐	500.000	505.398	564641.75	6.0159	P	1.3
4	☐	1250.000	1348.118	1430058.89	16.0423	P	7.9
5	☐	2500.000	2588.055	2808550.76	30.7946	A	1.6
6	☐	5000.000	5038.364	5363304.50	59.9475	A	0.7
7	☐	10000.000	9946.270	10483048.04	118.3399	A	1.7
8	☐			7990.08	0.0916	P	2.6

$$y = 0.0119 * x + 0.0029$$

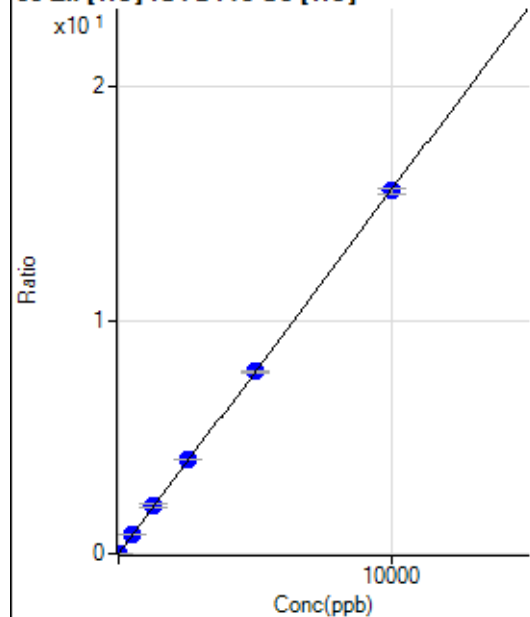
$$R = 0.9999$$

$$DL = 0.09607$$

$$BEC = 0.2396$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	110.79	0.0012	P	23.4
2	☐	2.000	1.928	387.35	0.0042	P	2.0
3	☐	500.000	508.405	74415.88	0.7928	P	0.9
4	☐	1250.000	1335.790	185464.34	2.0811	P	8.4
5	☐	2500.000	2567.822	364758.69	3.9994	P	0.2
6	☐	5000.000	4999.887	696617.40	7.7863	P	0.4
7	☐	10000.000	9971.957	1375567.44	15.5281	P	1.3
8	☐			9115.51	0.1045	P	1.5

$$y = 0.0016 * x + 0.0012$$

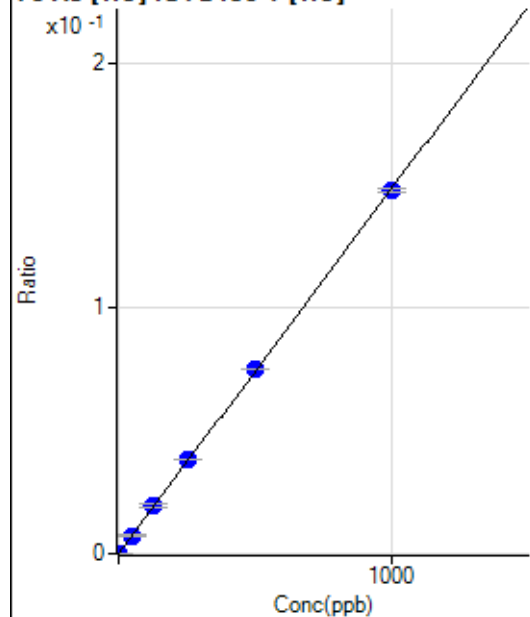
$$R = 0.9999$$

$$DL = 0.5378$$

$$BEC = 0.7651$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.00	0.0000	P	132.0
2	☐	1.000	0.997	106.68	0.0002	P	6.1
3	☐	50.000	49.611	5228.17	0.0074	P	2.2
4	☐	125.000	133.479	13467.09	0.0199	P	7.4
5	☐	250.000	256.726	26574.54	0.0382	P	0.6
6	☐	500.000	505.687	51294.53	0.0752	P	0.3
7	☐	1000.000	994.434	100149.43	0.1479	P	0.9
8	☐			56.34	0.0001	P	9.6

$$y = 1.4876E-004 * x + 2.8399E-006$$

$$R = 0.9999$$

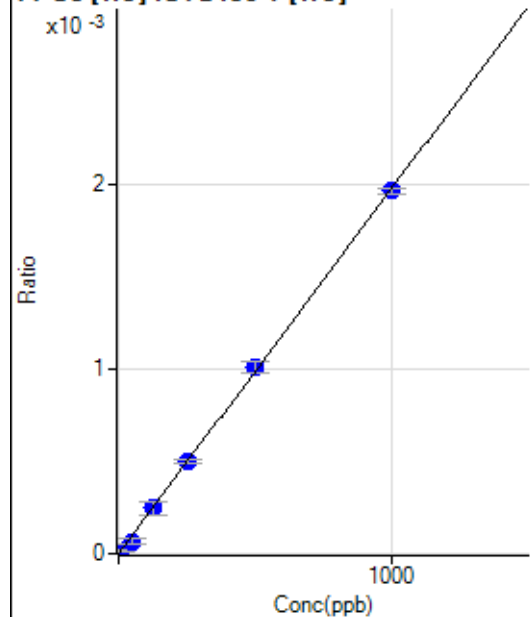
$$DL = 0.07557$$

$$BEC = 0.01909$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.180	10.00	0.0000	P	57.9
3	☐	50.000	34.185	47.78	0.0001	P	36.0
4	☐	125.000	123.951	164.45	0.0002	P	28.4
5	☐	250.000	251.511	345.56	0.0005	P	4.0
6	☐	500.000	512.583	690.03	0.0010	P	6.2
7	☐	1000.000	994.242	1328.97	0.0020	P	1.6
8	☐			1.11	0.0000	P	173.2

$$y = 1.9743\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

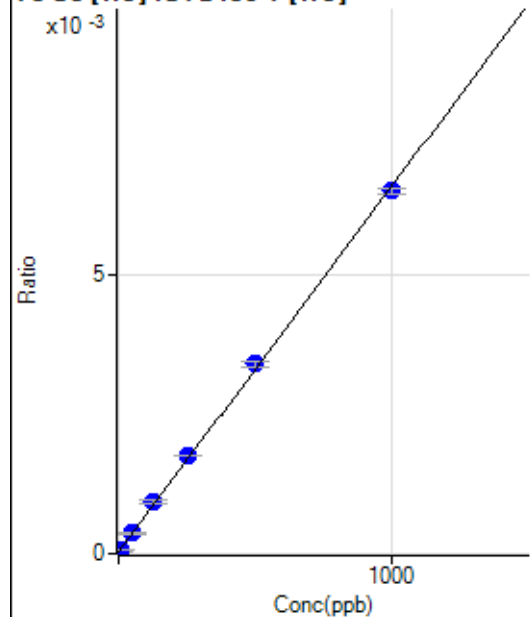
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.33	0.0000	P	17.9
2	☐	5.000	4.826	44.67	0.0001	P	13.5
3	☐	50.000	50.655	257.36	0.0004	P	5.1
4	☐	125.000	136.907	630.08	0.0009	P	5.6
5	☐	250.000	262.486	1217.85	0.0018	P	0.6
6	☐	500.000	514.061	2317.10	0.0034	P	2.6
7	☐	1000.000	988.328	4402.47	0.0065	P	1.4
8	☐			23.33	0.0000	P	20.0

$$y = 6.5478\text{E-}006 * x + 3.1707\text{E-}005$$

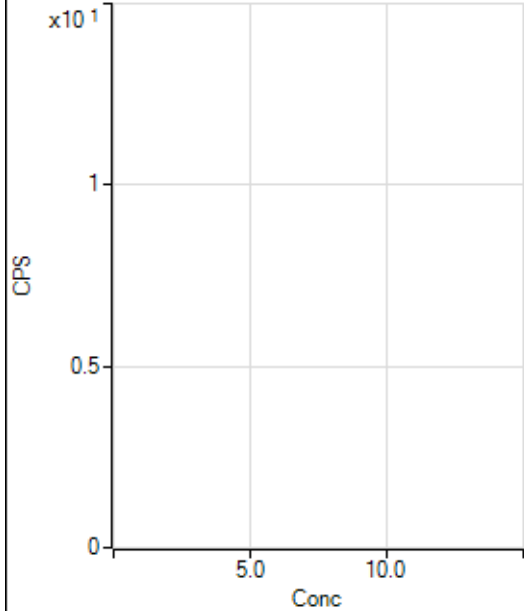
$$R = 0.9997$$

$$DL = 2.6$$

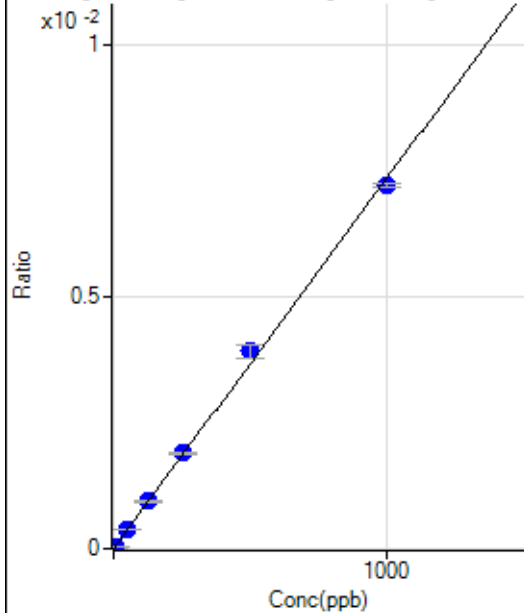
$$BEC = 4.842$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1731.90		P	8.1
2	☐			1701.86		P	10.2
3	☐			1625.11		P	10.5
4	☐			1791.98		P	2.0
5	☐			1668.49		P	12.4
6	☐			1785.29		P	9.3
7	☐			1571.72		P	9.6
8	☐			1758.60		P	8.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-4.24	0.0000	P	-864.
2	☐	5.000	4.448	213.87	0.0000	P	31.0
3	☐	50.000	50.270	2478.07	0.0004	P	0.7
4	☐	125.000	127.671	6340.31	0.0009	P	0.9
5	☐	250.000	258.235	12678.59	0.0019	P	1.6
6	☐	500.000	533.572	25345.02	0.0039	P	6.4
7	☐	1000.000	980.811	48618.32	0.0072	P	1.2
8	☐			38.27	0.0000	P	169.9

$$y = 7.3354\text{E-}006 * x - 9.1425\text{E-}007$$

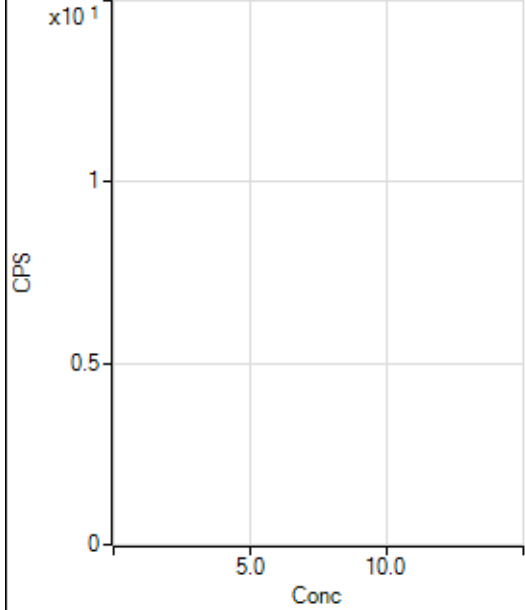
$$R = 0.9991$$

$$DL = 3.233$$

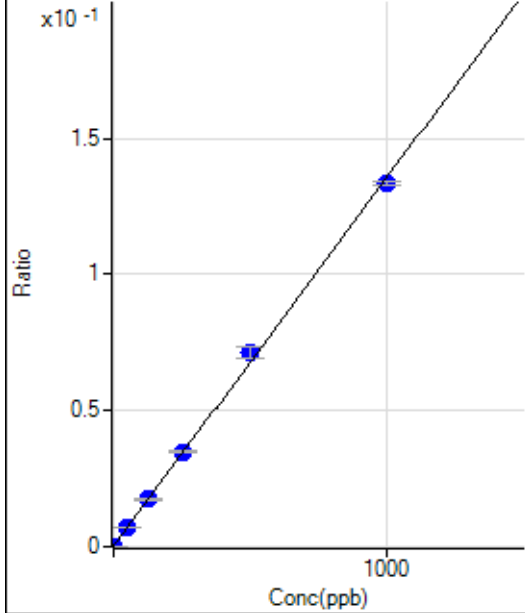
$$BEC = -0.1246$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			654.47		P	4.1
2	☐			676.69		P	11.7
3	☐			647.80		P	2.6
4	☐			687.80		P	5.0
5	☐			680.03		P	3.9
6	☐			685.58		P	2.2
7	☐			671.13		P	7.0
8	☐			600.02		P	12.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1155.63	0.0002	P	7.1
2	☐	1.000	0.780	1916.85	0.0003	P	3.1
3	☐	50.000	49.884	46606.16	0.0069	P	4.0
4	☐	125.000	127.063	117580.74	0.0174	P	1.3
5	☐	250.000	256.105	232973.64	0.0348	P	2.0
6	☐	500.000	528.208	463628.49	0.0716	P	5.8
7	☐	1000.000	984.118	900109.26	0.1332	P	1.2
8	☐			2903.16	0.0004	P	11.1

$$y = 1.3515E-004 * x + 1.7834E-004$$

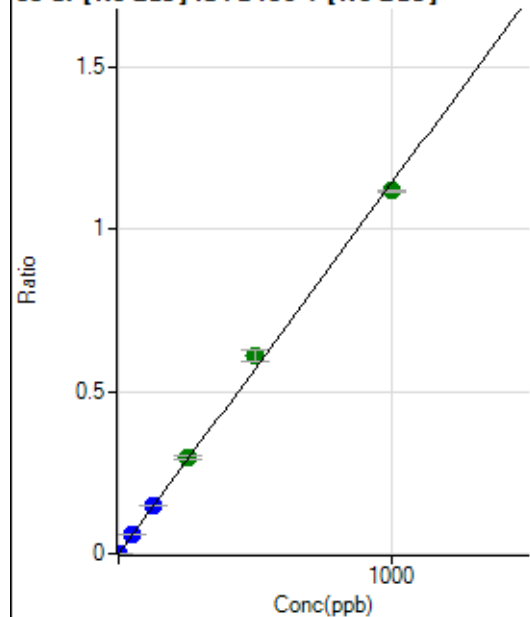
$$R = 0.9994$$

$$DL = 0.2798$$

$$BEC = 1.32$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	15.0
2	☐	1.000	0.964	7599.49	0.0011	P	5.0
3	☐	50.000	51.681	397242.14	0.0590	P	2.1
4	☐	125.000	131.387	1015745.72	0.1499	P	0.5
5	☐	250.000	259.308	1980557.14	0.2958	A	2.4
6	☐	500.000	534.346	3947847.70	0.6095	A	6.1
7	☐	1000.000	979.618	7552308.33	1.1173	A	0.4
8	☐			17149.82	0.0025	P	2.0

$$y = 0.0011 * x + 2.5800E-005$$

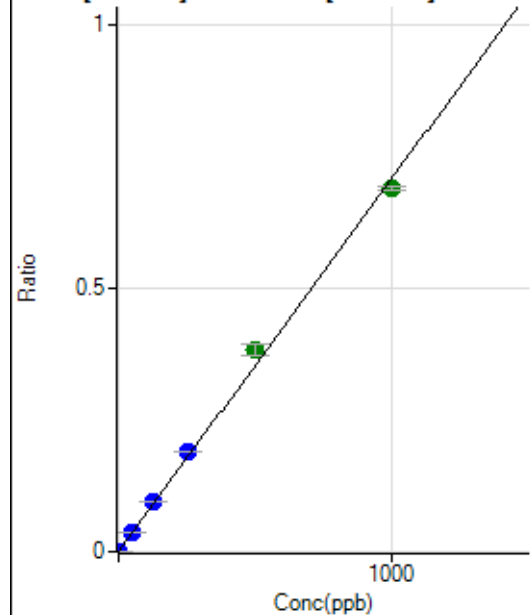
$$R = 0.9990$$

$$DL = 0.0102$$

$$BEC = 0.02262$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.34	0.0000	P	7.9
2	☐	1.000	0.952	4828.74	0.0007	P	10.0
3	☐	50.000	51.955	247444.76	0.0367	P	2.9
4	☐	125.000	132.820	635994.51	0.0938	P	1.1
5	☐	250.000	266.983	1263020.79	0.1886	P	0.9
6	☐	500.000	542.244	2480864.62	0.3830	A	6.1
7	☐	1000.000	973.557	4647682.14	0.6876	A	1.2
8	☐			1550.13	0.0002	P	13.6

$$y = 7.0626E-004 * x + 4.3569E-005$$

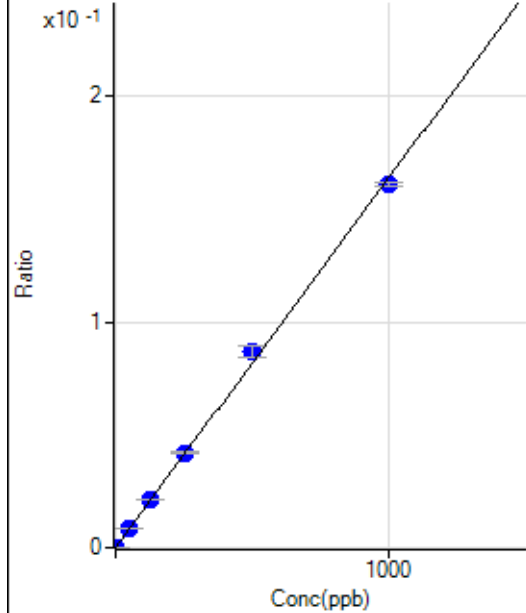
$$R = 0.9985$$

$$DL = 0.01454$$

$$BEC = 0.06169$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	26.4
2	☐	1.000	0.860	1022.29	0.0002	P	11.6
3	☐	50.000	49.994	55187.46	0.0082	P	1.0
4	☐	125.000	128.786	142891.75	0.0211	P	1.1
5	☐	250.000	255.527	280090.35	0.0418	P	1.8
6	☐	500.000	532.046	563980.20	0.0871	P	6.2
7	☐	1000.000	982.122	1086321.18	0.1607	P	1.1
8	☐			413.91	0.0001	P	19.5

$$y = 1.6364\text{E-}004 * x + 1.0745\text{E-}005$$

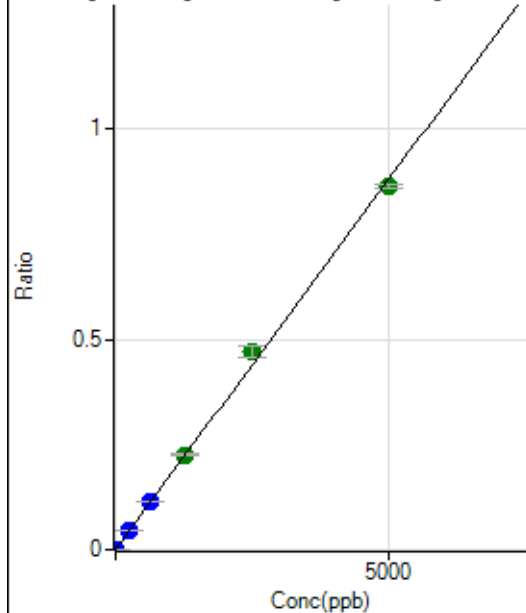
$$R = 0.9992$$

$$DL = 0.05207$$

$$BEC = 0.06567$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	17.1
2	☐	5.000	5.275	6396.07	0.0009	P	0.7
3	☐	250.000	255.841	303465.68	0.0450	P	1.8
4	☐	625.000	653.624	779752.75	0.1151	P	1.2
5	☐	1250.000	1278.263	1506719.13	0.2250	A	2.7
6	☐	2500.000	2673.369	3048902.22	0.4706	A	5.7
7	☐	5000.000	4902.380	5832704.56	0.8629	A	1.0
8	☐			4520.31	0.0007	P	2.5

$$y = 1.7601\text{E-}004 * x + 1.8302\text{E-}005$$

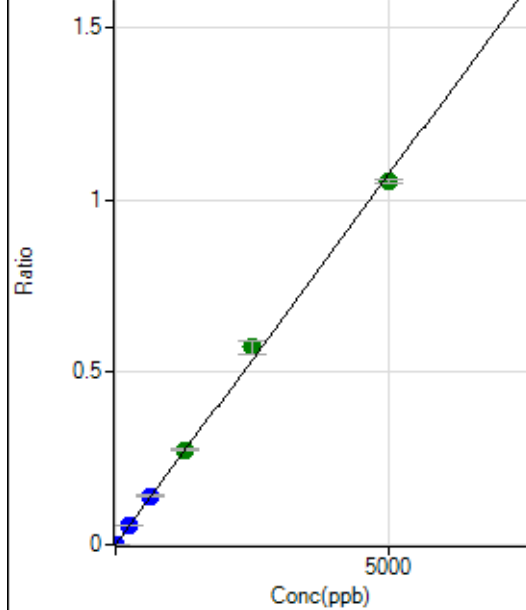
$$R = 0.9991$$

$$DL = 0.05319$$

$$BEC = 0.104$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	111.3
2	☐	5.000	5.245	7613.41	0.0011	P	5.1
3	☐	250.000	257.608	372548.10	0.0553	P	1.8
4	☐	625.000	662.694	964147.05	0.1423	P	0.9
5	☐	1250.000	1278.729	1838529.49	0.2745	A	1.7
6	☐	2500.000	2666.189	3706380.07	0.5724	A	7.0
7	☐	5000.000	4904.631	7116477.24	1.0529	A	1.0
8	☐			6951.95	0.0010	P	2.5

$$y = 2.1468\text{E-}004 * x + 1.7032\text{E-}006$$

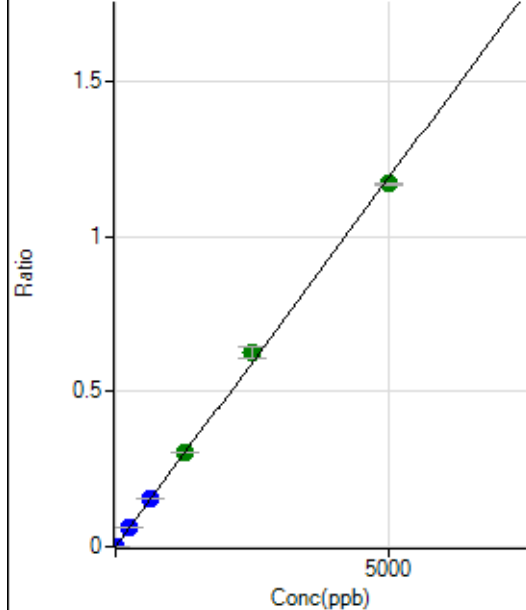
$$R = 0.9991$$

$$DL = 0.02649$$

$$BEC = 0.007933$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	18.8
2	☐	5.000	5.213	8511.15	0.0013	P	3.6
3	☐	250.000	253.180	405218.07	0.0602	P	2.3
4	☐	625.000	652.779	1050859.93	0.1551	P	0.9
5	☐	1250.000	1279.014	2034679.58	0.3038	A	1.5
6	☐	2500.000	2634.638	4054309.42	0.6258	A	5.7
7	☐	5000.000	4921.796	7901629.08	1.1690	A	0.4
8	☐			7874.69	0.0012	P	1.2

$$y = 2.3752\text{E-}004 * x + 2.2313\text{E-}005$$

$$R = 0.9994$$

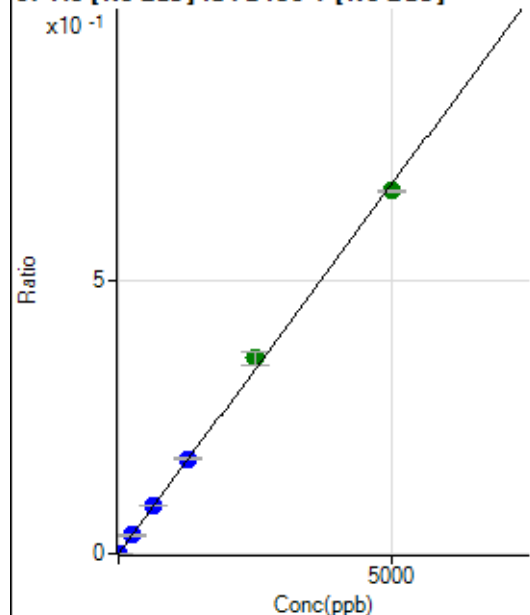
$$DL = 0.05293$$

$$BEC = 0.09394$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	46.8
2	☐	5.000	5.161	4737.04	0.0007	P	2.4
3	☐	250.000	249.844	227775.05	0.0338	P	2.8
4	☐	625.000	643.112	589858.77	0.0870	P	1.3
5	☐	1250.000	1285.900	1165346.02	0.1740	P	2.2
6	☐	2500.000	2647.901	2320756.43	0.3584	A	6.7
7	☐	5000.000	4914.818	4496014.25	0.6652	A	0.7
8	☐			4375.81	0.0006	P	7.5

$$y = 1.3534\text{E-}004 * x + 2.5318\text{E-}006$$

$$R = 0.9993$$

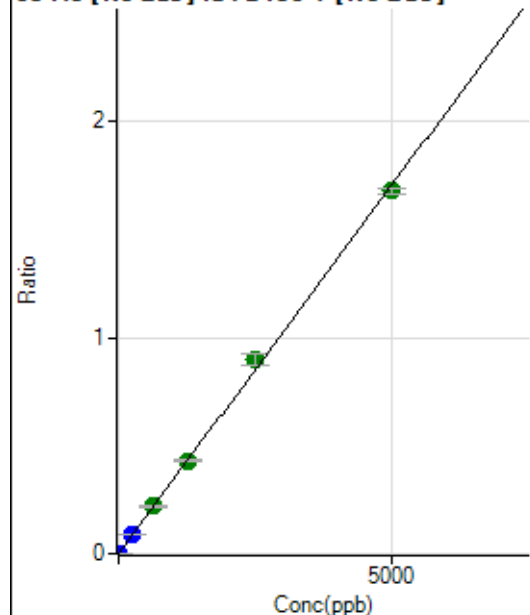
$$DL = 0.02627$$

$$BEC = 0.01871$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	51.2
2	☐	5.000	5.361	12353.10	0.0018	P	1.2
3	☐	250.000	256.955	589468.38	0.0875	P	1.5
4	☐	625.000	639.854	1476550.79	0.2179	A	1.3
5	☐	1250.000	1264.025	2882262.78	0.4304	A	2.1
6	☐	2500.000	2634.125	5810162.32	0.8970	A	6.0
7	☐	5000.000	4927.226	11339826.47	1.6779	A	1.3
8	☐			11101.94	0.0016	P	1.2

$$y = 3.4053\text{E-}004 * x + 3.0255\text{E-}006$$

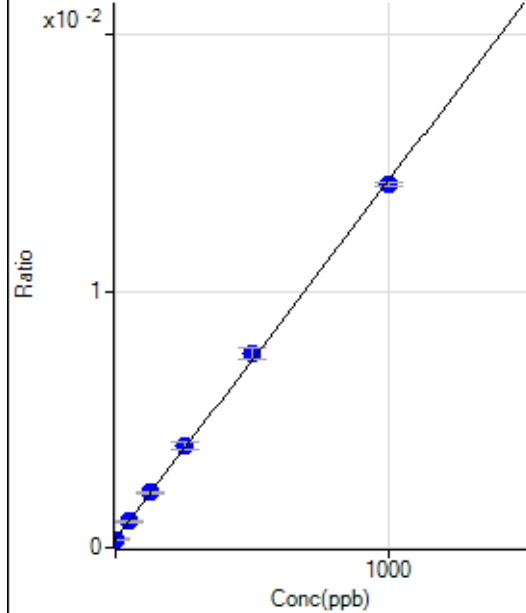
$$R = 0.9995$$

$$DL = 0.01365$$

$$BEC = 0.008885$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1722.38	0.0003	P	3.0
2	☐	1.000	-1.500	1666.81	0.0003	P	2.4
3	☐	50.000	49.776	5487.35	0.0010	P	4.8
4	☐	125.000	129.401	11588.51	0.0021	P	2.9
5	☐	250.000	259.709	21169.46	0.0040	P	6.3
6	☐	500.000	517.442	39963.97	0.0076	P	5.9
7	☐	1000.000	988.315	77545.45	0.0142	P	1.0
8	☐			1633.48	0.0003	P	6.7

$$y = 1.3986\text{E-}005 * x + 3.3482\text{E-}004$$

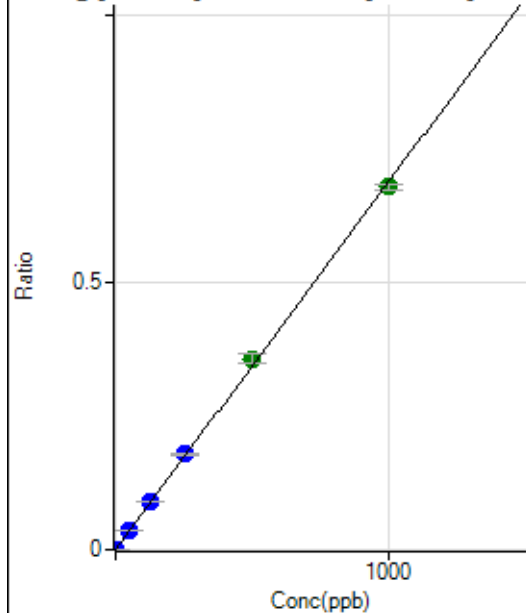
$$R = 0.9997$$

$$DL = 2.162$$

$$BEC = 23.94$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.4
2	☐	1.000	1.104	4059.06	0.0008	P	6.1
3	☐	50.000	51.021	186935.19	0.0351	P	0.7
4	☐	125.000	129.879	483045.13	0.0894	P	0.3
5	☐	250.000	259.401	952905.35	0.1785	P	1.6
6	☐	500.000	520.337	1890817.25	0.3581	A	4.6
7	☐	1000.000	986.820	3720077.73	0.6792	A	1.5
8	☐			1138.97	0.0002	P	2.9

$$y = 6.8829\text{E-}004 * x + 5.3966\text{E-}006$$

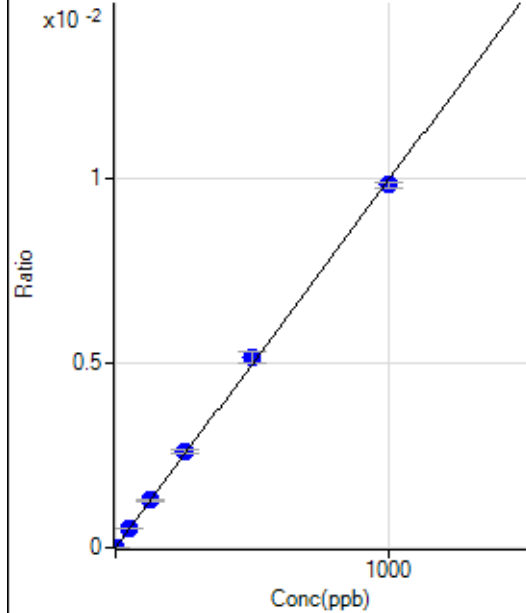
$$R = 0.9996$$

$$DL = 0.00386$$

$$BEC = 0.007841$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.39	0.0000	P	173.2
2	☐	1.000	1.183	63.89	0.0000	P	27.7
3	☐	50.000	51.804	2751.70	0.0005	P	3.5
4	☐	125.000	128.581	6930.99	0.0013	P	3.4
5	☐	250.000	261.521	13922.42	0.0026	P	2.5
6	☐	500.000	518.602	27292.40	0.0052	P	6.1
7	☐	1000.000	987.281	53938.30	0.0098	P	1.6
8	☐			36.11	0.0000	P	40.8

$$y = 9.9745\text{E-}006 * x + 2.5760\text{E-}007$$

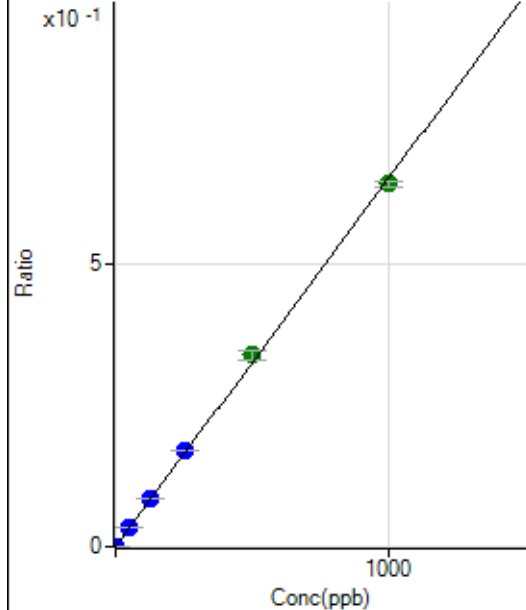
$$R = 0.9997$$

$$DL = 0.1342$$

$$BEC = 0.02583$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.8
2	☐	1.000	1.066	3692.28	0.0007	P	5.3
3	☐	50.000	52.340	181471.34	0.0341	P	1.1
4	☐	125.000	131.504	462854.99	0.0857	P	0.5
5	☐	250.000	262.493	912608.07	0.1710	P	0.7
6	☐	500.000	521.281	1792072.70	0.3396	A	5.2
7	☐	1000.000	985.306	3515626.73	0.6418	A	1.3
8	☐			1038.96	0.0002	P	3.8

$$y = 6.5141\text{E-}004 * x + 1.1068\text{E-}006$$

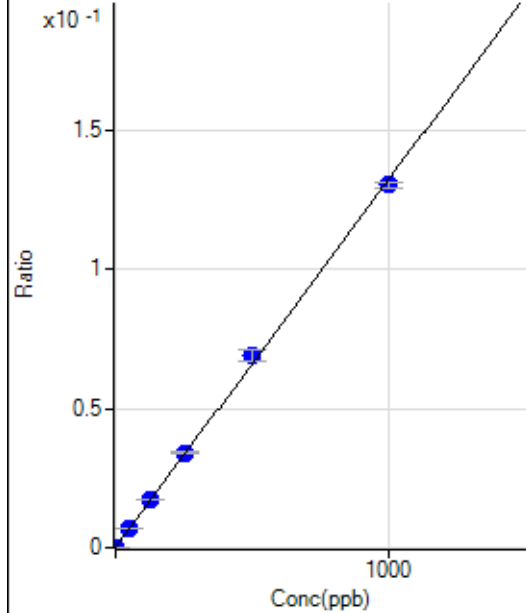
$$R = 0.9996$$

$$DL = 0.004426$$

$$BEC = 0.001699$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.67	0.0001	P	2.3
2	☐	1.000	0.932	1012.28	0.0002	P	3.0
3	☐	50.000	50.496	35842.32	0.0067	P	1.1
4	☐	125.000	129.210	92538.67	0.0171	P	0.4
5	☐	250.000	257.669	181921.83	0.0341	P	1.1
6	☐	500.000	522.204	364202.17	0.0690	P	5.5
7	☐	1000.000	986.430	713698.53	0.1303	P	1.3
8	☐			636.15	0.0001	P	2.5

$$y = 1.3202\text{E-}004 * x + 6.7563\text{E-}005$$

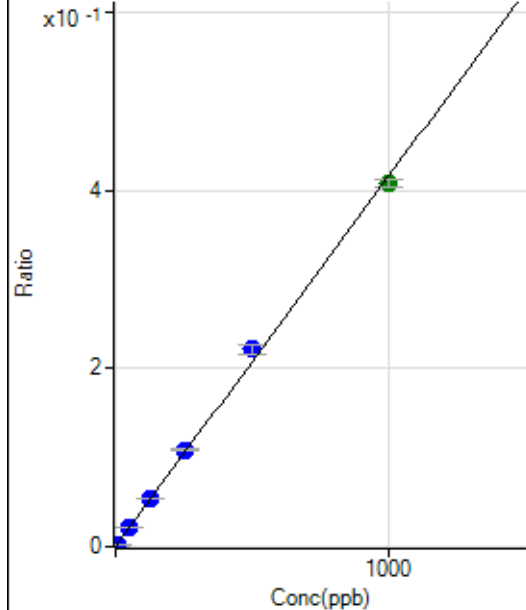
$$R = 0.9996$$

$$DL = 0.03556$$

$$BEC = 0.5117$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.12	0.0001	P	8.6
2	☐	5.000	5.396	12194.66	0.0023	P	0.7
3	☐	50.000	51.887	115011.49	0.0216	P	0.8
4	☐	125.000	130.544	293286.09	0.0543	P	0.5
5	☐	250.000	261.735	580544.25	0.1088	P	0.8
6	☐	500.000	532.766	1168584.88	0.2214	P	4.4
7	☐	1000.000	979.894	2229428.89	0.4071	A	2.2
8	☐			2436.41	0.0005	P	5.6

$$y = 4.1538\text{E-}004 * x + 5.5697\text{E-}005$$

$$R = 0.9991$$

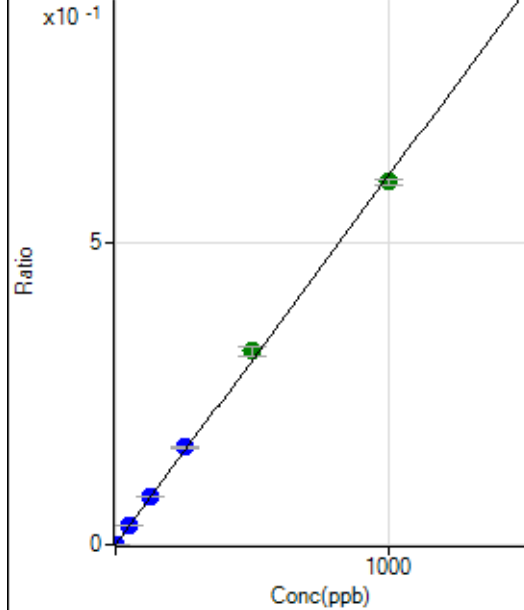
$$DL = 0.03466$$

$$BEC = 0.1341$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	85.1
2	☐	2.000	1.986	6465.60	0.0012	P	3.7
3	☐	50.000	51.578	167796.18	0.0315	P	1.0
4	☐	125.000	131.172	433193.99	0.0802	P	0.4
5	☐	250.000	263.922	860931.94	0.1613	P	0.6
6	☐	500.000	524.085	1690264.15	0.3203	A	5.5
7	☐	1000.000	983.627	3292764.79	0.6012	A	1.7
8	☐			2592.00	0.0005	P	9.8

$$y = 6.1119\text{E-}004 * x + 3.2134\text{E-}006$$

$$R = 0.9994$$

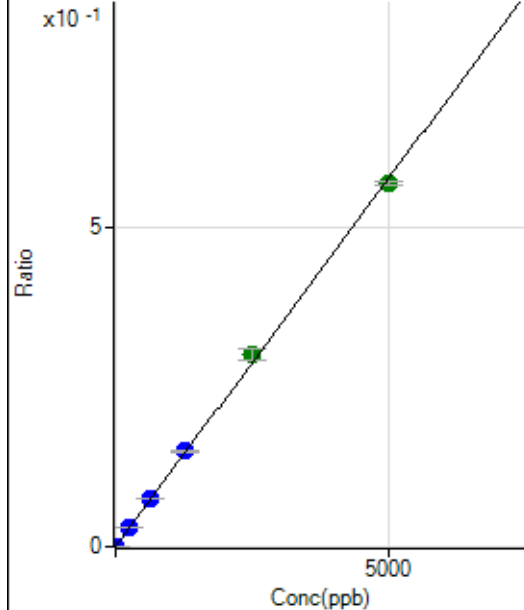
$$DL = 0.01341$$

$$BEC = 0.005258$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	45.2
2	☐	10.000	10.353	6387.77	0.0012	P	3.0
3	☐	250.000	257.426	158295.61	0.0297	P	0.4
4	☐	625.000	651.963	406932.07	0.0753	P	0.3
5	☐	1250.000	1295.381	798563.77	0.1496	P	1.9
6	☐	2500.000	2612.512	1592201.06	0.3018	A	5.8
7	☐	5000.000	4928.656	3118121.16	0.5693	A	1.2
8	☐			6215.48	0.0012	P	4.5

$$y = 1.1551\text{E-}004 * x + 6.9116\text{E-}006$$

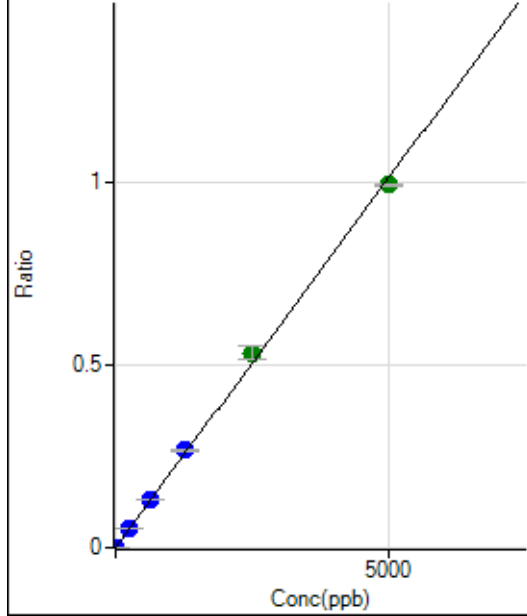
$$R = 0.9996$$

$$DL = 0.08119$$

$$BEC = 0.05984$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	79.2
2	☐	10.000	10.472	11277.22	0.0021	P	0.8
3	☐	250.000	260.797	280434.42	0.0527	P	0.9
4	☐	625.000	656.091	716136.07	0.1325	P	0.3
5	☐	1250.000	1315.159	1417856.52	0.2657	P	1.6
6	☐	2500.000	2639.934	2813375.97	0.5333	A	6.2
7	☐	5000.000	4909.316	5431874.60	0.9917	A	0.9
8	☐			11380.12	0.0021	P	2.2

$$y = 2.0200\text{E-}004 * x + 8.8879\text{E-}006$$

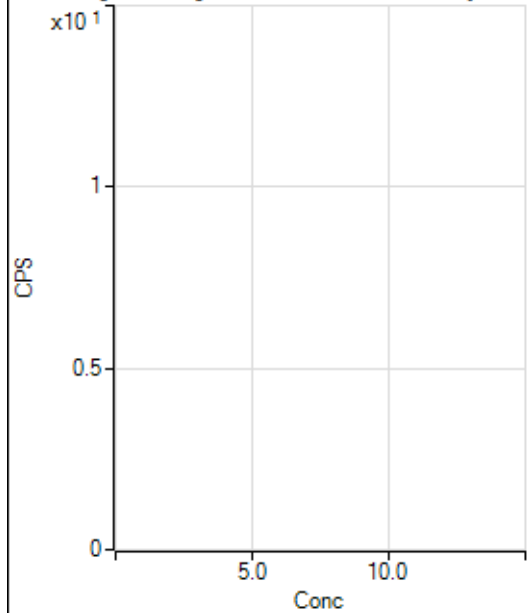
$$R = 0.9993$$

$$DL = 0.1045$$

$$BEC = 0.044$$

Weight: <None>

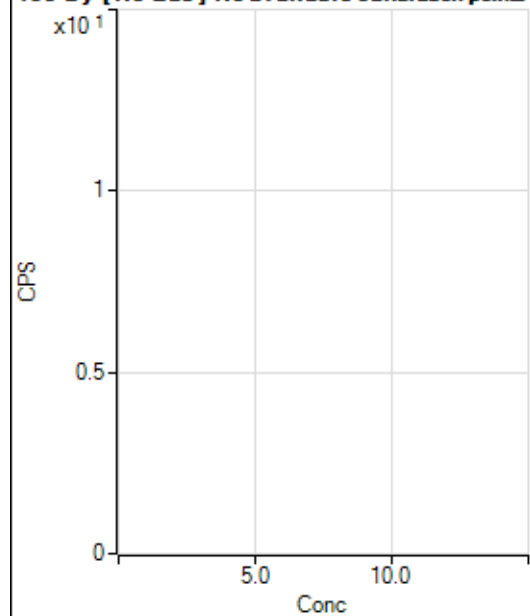
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			6.67		P	0.0
3	☐			4.44		P	173.2
4	☐			8.89		P	43.3
5	☐			35.55		P	47.2
6	☐			64.44		P	33.3
7	☐			108.89		P	30.8
8	☐			37.78		P	53.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			5.56		P	34.7
6	☐			4.44		P	173.2
7	☐			7.78		P	49.5
8	☐			7.78		P	49.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			11.11		P	114.6
4	☐			11.11		P	173.2
5	☐			44.45		P	39.0
6	☐			47.22		P	50.9
7	☐			80.56		P	6.0
8	☐			177.78		P	50.6

156 Dy [He] No available calibration points

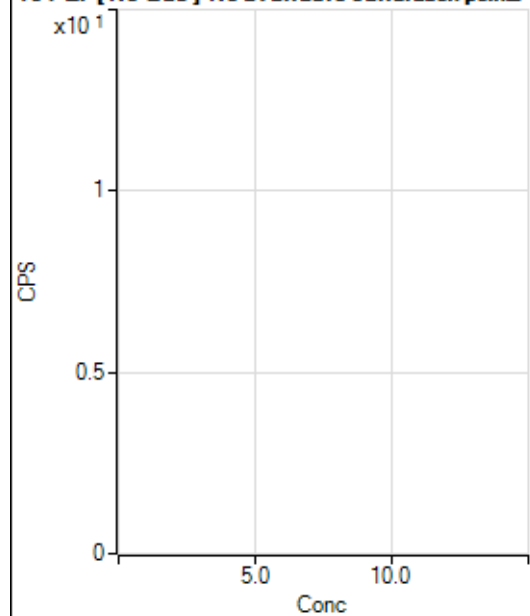
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			1.11		P	173.2
3	☐			3.33		P	0.0
4	☐			5.56		P	34.7
5	☐			10.00		P	0.0
6	☐			15.55		P	44.6
7	☐			24.45		P	15.8
8	☐			75.56		P	2.6

160 Gd [No Gas] Noavailable calibration poin_

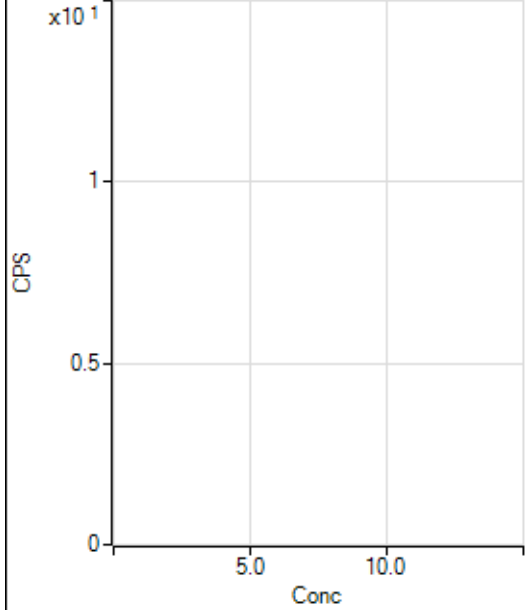
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	21.7
2	☐			47.22		P	79.6
3	☐			63.89		P	7.5
4	☐			44.45		P	78.1
5	☐			50.00		P	57.7
6	☐			63.89		P	15.1
7	☐			100.00		P	0.0
8	☐			263.90		P	9.1

160 Gd [He] No available calibration points

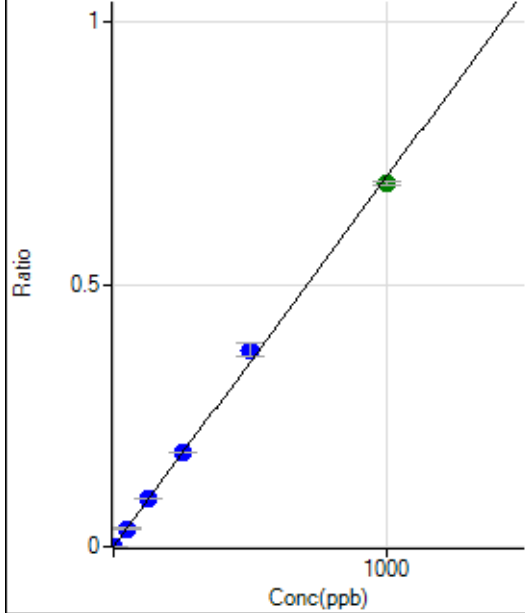
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	81.1
2	☐			8.89		P	57.3
3	☐			12.22		P	31.5
4	☐			7.78		P	137.8
5	☐			17.78		P	28.6
6	☐			18.89		P	20.4
7	☐			32.22		P	6.0
8	☐			100.00		P	15.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			27.78		P	75.5
3	☐			22.22		P	21.6
4	☐			19.44		P	65.5
5	☐			33.33		P	43.3
6	☐			36.11		P	58.1
7	☐			33.33		P	25.0
8	☐			55.56		P	22.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			10.00		P	57.8
3	☐			11.11		P	17.3
4	☐			10.00		P	33.3
5	☐			8.89		P	57.3
6	☐			11.11		P	75.5
7	☐			6.67		P	132.3
8	☐			15.55		P	44.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	173.2
2	☐	1.000	0.992	2255.82	0.0007	P	5.1
3	☐	50.000	49.098	111234.74	0.0346	P	1.9
4	☐	125.000	128.461	291483.38	0.0906	P	1.4
5	☐	250.000	255.508	575365.62	0.1802	P	1.2
6	☐	500.000	533.211	1185181.36	0.3760	P	6.4
7	☐	1000.000	981.630	2272813.31	0.6922	A	1.2
8	☐			1841.85	0.0006	P	12.0

$$y = 7.0517\text{E-}004 * x + 3.8625\text{E-}006$$

$$R = 0.9991$$

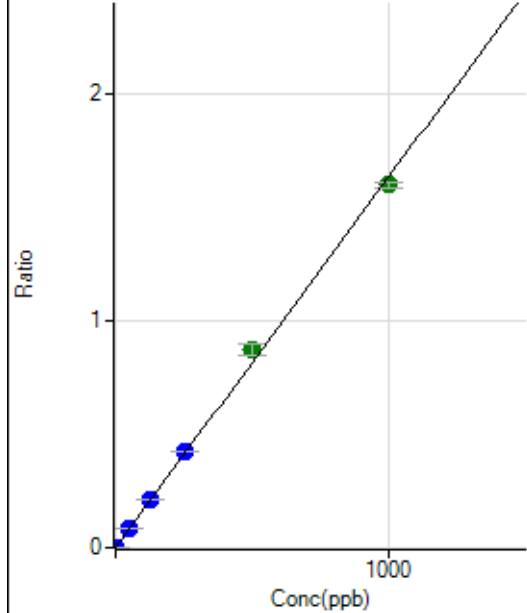
$$DL = 0.02846$$

$$BEC = 0.005477$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	56.5
2	☐	1.000	0.987	5203.98	0.0016	P	0.7
3	☐	50.000	49.892	261166.93	0.0813	P	0.8
4	☐	125.000	130.336	683213.76	0.2123	P	1.5
5	☐	250.000	259.192	1348340.62	0.4223	P	0.4
6	☐	500.000	535.254	2749218.31	0.8720	A	5.7
7	☐	1000.000	979.413	5238781.06	1.5956	A	1.4
8	☐			4550.96	0.0015	P	7.9

$$y = 0.0016 * x + 1.4118E-005$$

$$R = 0.9990$$

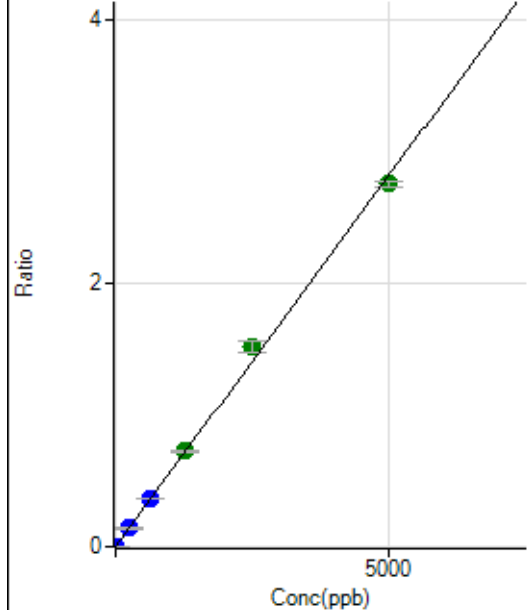
$$DL = 0.0147$$

$$BEC = 0.008666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0001	P	12.4
2	☐	1.000	0.987	2053.91	0.0006	P	0.8
3	☐	250.000	247.021	447278.47	0.1392	P	0.9
4	☐	625.000	645.494	1170110.91	0.3637	P	1.5
5	☐	1250.000	1292.342	2324504.83	0.7280	A	1.5
6	☐	2500.000	2686.407	4770728.09	1.5132	A	5.8
7	☐	5000.000	4893.798	9050577.17	2.7566	A	1.6
8	☐			10193.08	0.0033	P	2.7

$$y = 5.6327E-004 * x + 8.4445E-005$$

$$R = 0.9989$$

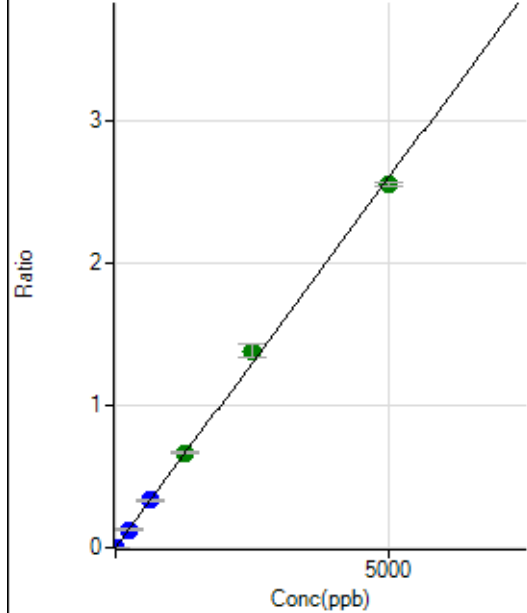
$$DL = 0.05579$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	212.97	0.0001	P	20.0
2	☐	1.000	1.007	1896.47	0.0006	P	5.9
3	☐	250.000	246.290	410627.75	0.1278	P	2.0
4	☐	625.000	637.980	1065034.83	0.3310	P	1.3
5	☐	1250.000	1285.147	2128761.39	0.6667	A	0.8
6	☐	2500.000	2664.280	4355505.30	1.3820	A	6.7
7	☐	5000.000	4907.636	8358655.28	2.5457	A	1.0
8	☐			9392.46	0.0030	P	1.8

$$y = 5.1870\text{E-}004 * x + 6.9136\text{E-}005$$

$$R = 0.9991$$

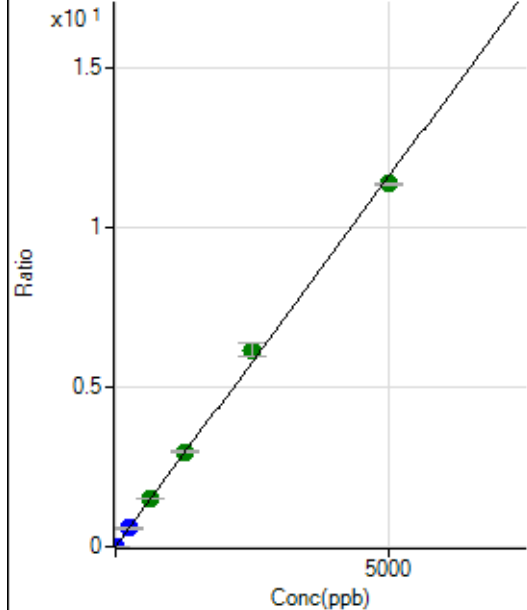
$$DL = 0.08009$$

$$BEC = 0.1333$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1016.70	0.0003	P	17.3
2	☐	1.000	1.010	8562.39	0.0027	P	3.8
3	☐	250.000	248.574	1851254.49	0.5762	P	1.5
4	☐	625.000	644.786	4807904.34	1.4942	A	1.2
5	☐	1250.000	1284.314	9501947.41	2.9759	A	1.2
6	☐	2500.000	2664.967	19460120.89	6.1747	A	6.6
7	☐	5000.000	4906.536	37328321.78	11.3681	A	0.6
8	☐			42474.54	0.0137	P	1.8

$$y = 0.0023 * x + 3.2983\text{E-}004$$

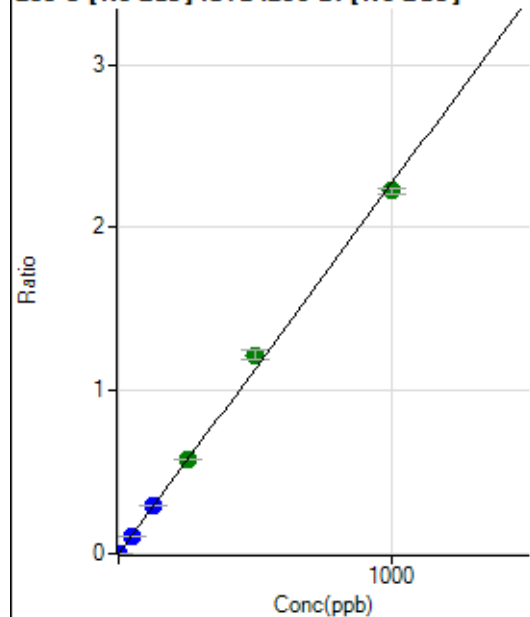
$$R = 0.9991$$

$$DL = 0.07384$$

$$BEC = 0.1424$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.945	6879.83	0.0021	P	1.4
3	☐	50.000	49.078	357975.06	0.1114	P	0.9
4	☐	125.000	129.663	947173.05	0.2944	P	1.6
5	☐	250.000	254.242	1843218.14	0.5772	A	0.9
6	☐	500.000	536.004	3837683.24	1.2169	A	5.1
7	☐	1000.000	980.401	7308217.70	2.2259	A	1.4
8	☐			922.28	0.0003	P	3.7

$$y = 0.0023 * x + 0.0000E+000$$

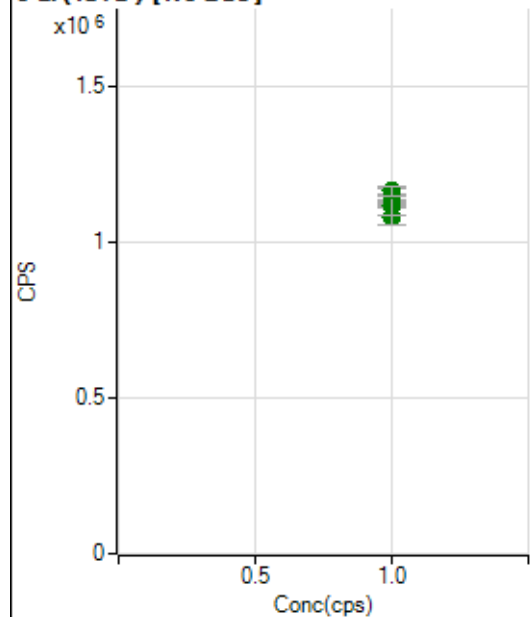
$$R = 0.9990$$

$$DL = 0$$

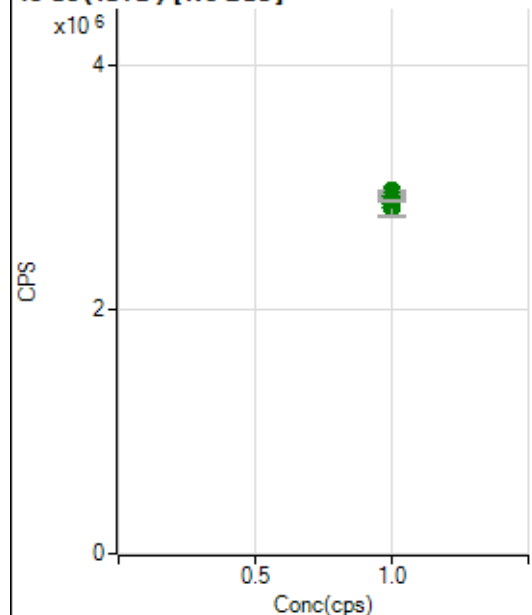
$$BEC = 0$$

Weight: <None>

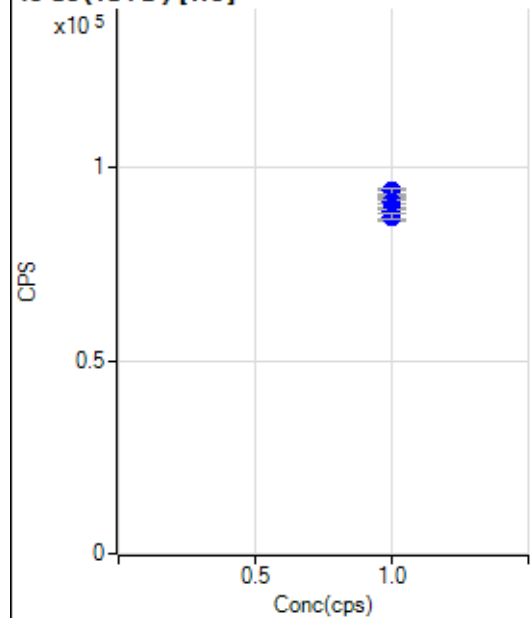
Min Conc: 0

6 Li (ISTD) [No Gas]

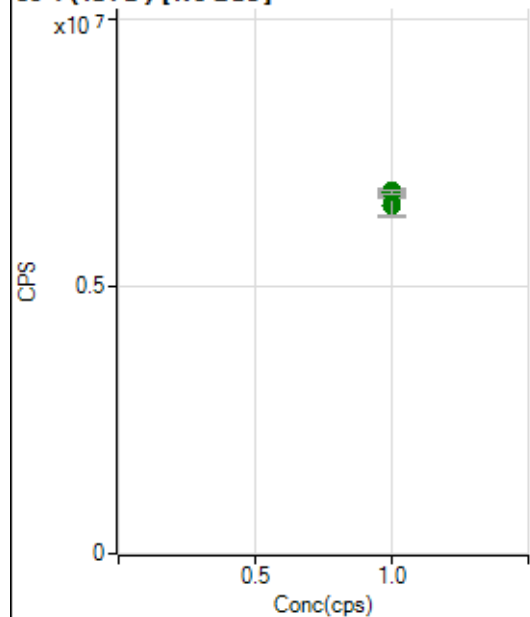
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1081558.01		A	5.7
2	☐	1.000		1121818.21		A	1.6
3	☐	1.000		1133690.86		A	3.2
4	☐	1.000		1126354.90		A	1.8
5	☐	1.000		1126745.88		A	0.7
6	☐	1.000		1116173.78		A	5.2
7	☐	1.000		1162463.05		A	1.8
8	☐	1.000		1162738.62		A	2.4

45 Sc (ISTD) [No Gas]

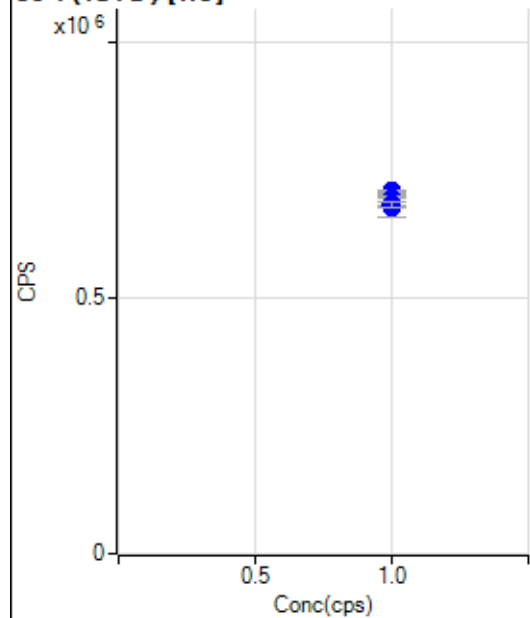
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2828576.80		A	5.8
2	☐	1.000		2929640.31		A	1.1
3	☐	1.000		2967184.89		A	0.2
4	☐	1.000		2946914.40		A	1.4
5	☐	1.000		2926163.05		A	2.0
6	☐	1.000		2857668.81		A	5.9
7	☐	1.000		2921528.39		A	0.9
8	☐	1.000		2888791.10		A	0.5

45 Sc (ISTD) [He]

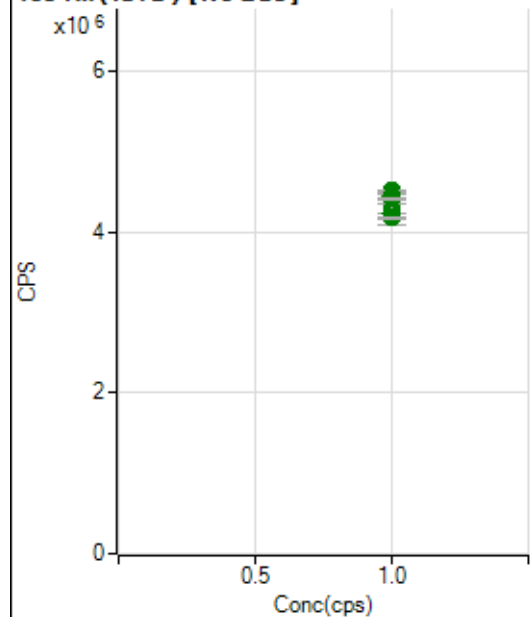
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		93241.52		P	1.9
2	☐	1.000		92383.19		P	0.7
3	☐	1.000		93870.83		P	1.6
4	☐	1.000		89497.48		P	7.5
5	☐	1.000		91201.31		P	0.9
6	☐	1.000		89466.81		P	0.7
7	☐	1.000		88591.51		P	0.8
8	☐	1.000		87245.08		P	2.0

89 Y (ISTD) [No Gas]

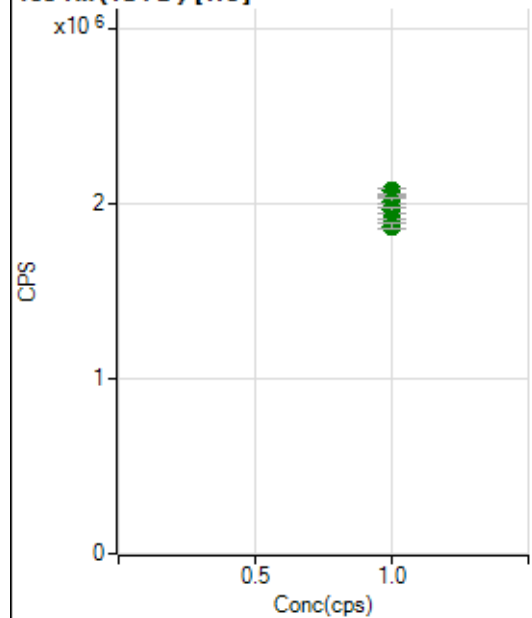
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6492082.61		A	5.2
2	☐	1.000		6755390.38		A	1.9
3	☐	1.000		6737242.61		A	1.3
4	☐	1.000		6777159.13		A	1.1
5	☐	1.000		6697183.86		A	1.2
6	☐	1.000		6493499.21		A	6.3
7	☐	1.000		6759394.13		A	1.8
8	☐	1.000		6745703.86		A	1.1

89 Y (ISTD) [He]

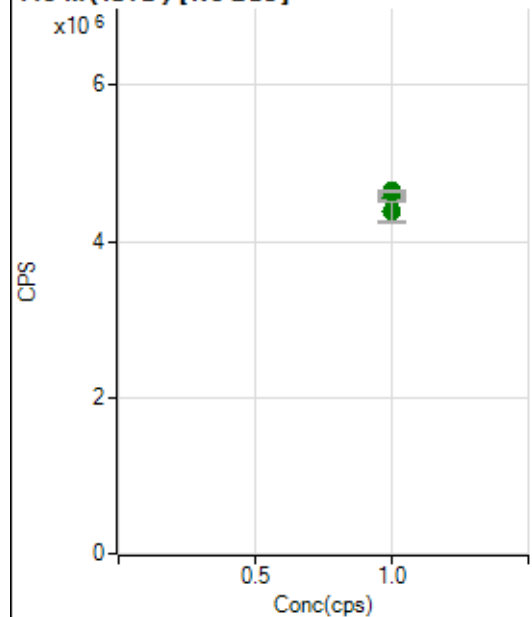
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		704278.95		P	0.8
2	☐	1.000		706051.07		P	1.0
3	☐	1.000		708164.79		P	0.3
4	☐	1.000		680549.80		P	7.2
5	☐	1.000		695758.00		P	0.9
6	☐	1.000		681833.89		P	1.3
7	☐	1.000		676991.41		P	0.7
8	☐	1.000		681195.67		P	1.9

103 Rh (ISTD) [No Gas]

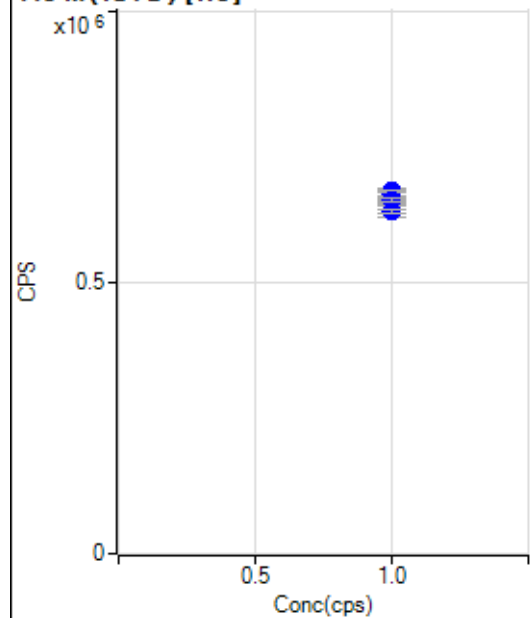
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4357186.95		A	6.0
2	☐	1.000		4502224.02		A	1.0
3	☐	1.000		4487421.28		A	0.7
4	☐	1.000		4505917.72		A	0.5
5	☐	1.000		4434275.71		A	1.1
6	☐	1.000		4221273.31		A	6.4
7	☐	1.000		4410156.74		A	0.8
8	☐	1.000		4168093.67		A	0.7

103 Rh (ISTD) [He]

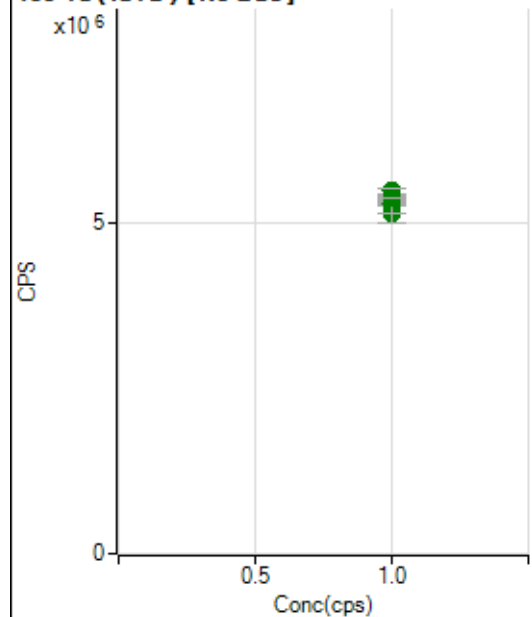
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2052534.69		A	0.4
2	☐	1.000		2072688.09		A	1.8
3	☐	1.000		2050953.08		A	0.3
4	☐	1.000		1965603.91		A	7.7
5	☐	1.000		2015907.62		A	1.6
6	☐	1.000		1964068.53		A	1.5
7	☐	1.000		1907740.01		A	0.1
8	☐	1.000		1869424.75		A	1.9

115 In (ISTD) [No Gas]

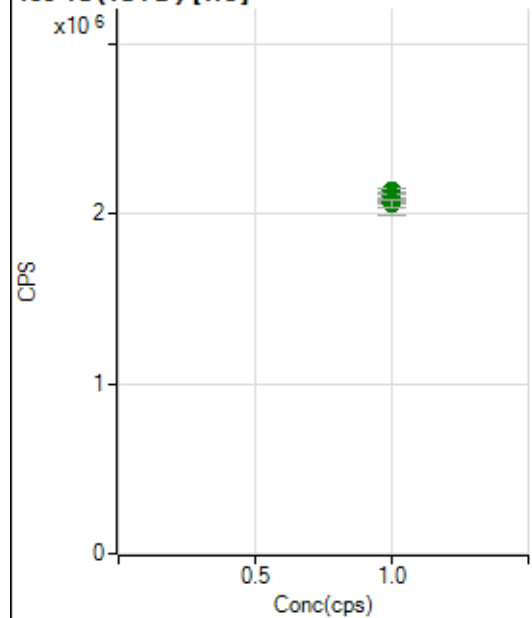
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4392350.72		A	5.7
2	☐	1.000		4574243.16		A	1.2
3	☐	1.000		4604468.46		A	0.8
4	☐	1.000		4619952.61		A	1.3
5	☐	1.000		4558270.45		A	2.1
6	☐	1.000		4385756.07		A	6.2
7	☐	1.000		4636546.95		A	0.4
8	☐	1.000		4648737.31		A	0.6

115 In (ISTD) [He]

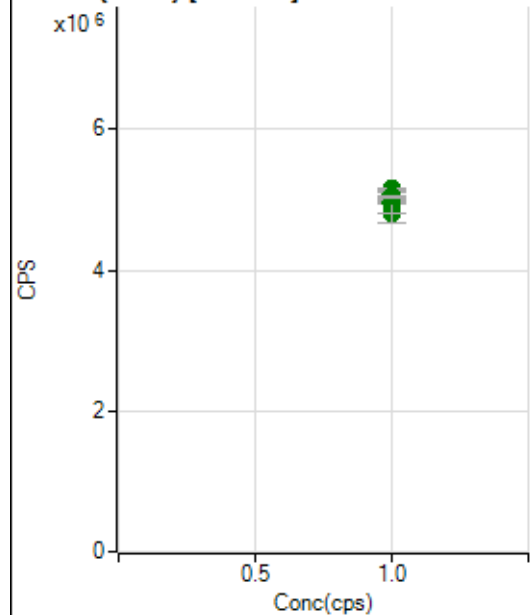
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		661547.97		P	1.3
2	☐	1.000		668394.74		P	1.1
3	☐	1.000		666963.12		P	0.5
4	☐	1.000		643160.76		P	7.1
5	☐	1.000		651956.34		P	0.5
6	☐	1.000		643789.68		P	0.7
7	☐	1.000		631353.10		P	1.0
8	☐	1.000		651643.44		P	1.4

159 Tb (ISTD) [No Gas]

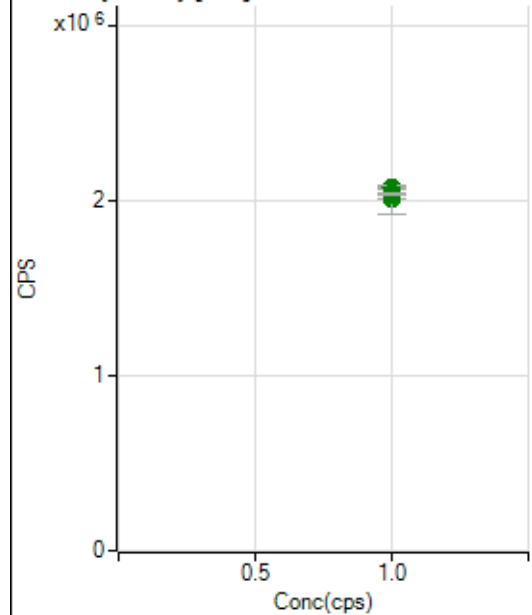
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5149345.38		A	5.8
2	☐	1.000		5309607.21		A	2.0
3	☐	1.000		5322425.30		A	0.3
4	☐	1.000		5403203.08		A	0.4
5	☐	1.000		5337284.40		A	0.6
6	☐	1.000		5287591.80		A	5.6
7	☐	1.000		5477784.68		A	1.5
8	☐	1.000		5372342.66		A	0.3

159 Tb (ISTD) [He]

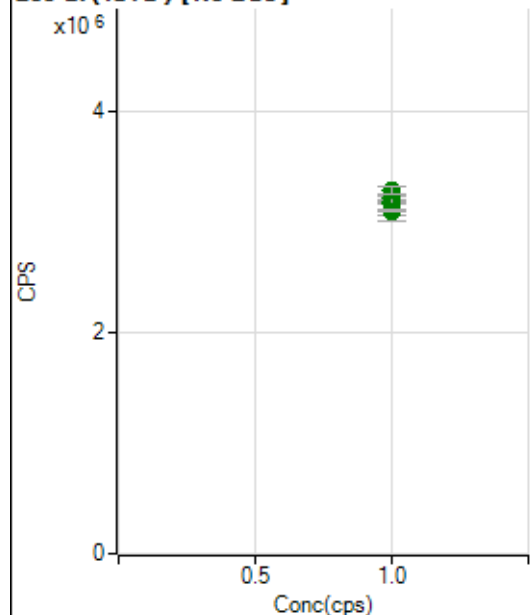
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2064507.42		A	2.6
2	☐	1.000		2124073.30		A	0.6
3	☐	1.000		2132165.71		A	1.5
4	☐	1.000		2061054.92		A	6.6
5	☐	1.000		2076654.52		A	1.0
6	☐	1.000		2099432.23		A	1.0
7	☐	1.000		2068386.31		A	1.3
8	☐	1.000		2058067.80		A	2.5

165 Ho (ISTD) [No Gas]

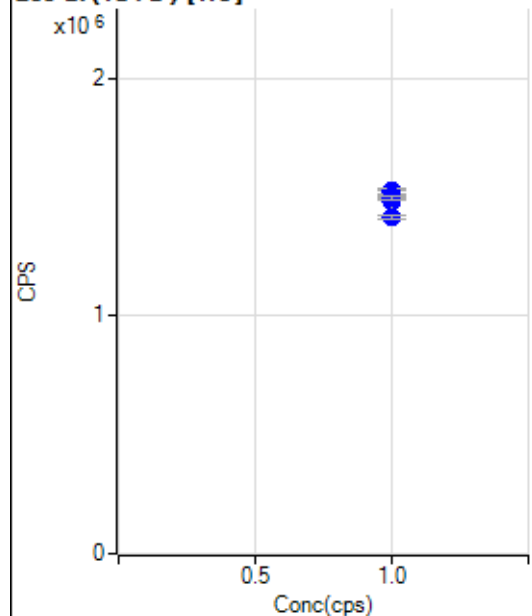
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4820196.94		A	6.5
2	☐	1.000		5008056.97		A	2.0
3	☐	1.000		4984968.00		A	0.6
4	☐	1.000		5074855.80		A	1.8
5	☐	1.000		4971685.83		A	1.5
6	☐	1.000		4948202.63		A	6.1
7	☐	1.000		5153311.27		A	0.6
8	☐	1.000		5052203.46		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2047319.64		A	2.0
2	☐	1.000		2068024.12		A	0.3
3	☐	1.000		2072541.57		A	1.0
4	☐	1.000		2005562.45		A	8.1
5	☐	1.000		2046348.48		A	1.3
6	☐	1.000		2028984.73		A	1.7
7	☐	1.000		2037922.11		A	0.4
8	☐	1.000		2034995.21		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3102937.28		A	6.3
2	☐	1.000		3207454.43		A	1.9
3	☐	1.000		3212870.40		A	1.1
4	☐	1.000		3218293.01		A	2.4
5	☐	1.000		3193235.68		A	1.1
6	☐	1.000		3159744.82		A	6.0
7	☐	1.000		3283878.08		A	2.0
8	☐	1.000		3103364.36		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1496212.04		P	0.6
2	☐	1.000		1522919.02		P	0.9
3	☐	1.000		1527115.53		P	1.3
4	☐	1.000		1479585.83		P	7.6
5	☐	1.000		1509244.61		P	0.4
6	☐	1.000		1499927.30		P	1.0
7	☐	1.000		1495937.30		P	0.8
8	☐	1.000		1414434.94		P	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8042120-MS.b
Acq. Date-Time 2020-04-21 11:08:59
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		3437	34371.34			1.609	5.000
24		46836	468359.53			1.866	5.000
25		6444	64438.85			1.255	5.000
26		7549	75485.99			1.745	5.000
59		27543	275432.80			1.412	5.000
113		4739	47386.52			1.125	5.000
115		14453	144532.58			0.437	5.000
206		5449	54489.91			1.735	5.000
207		4536	45364.59			1.565	5.000
208		11332	113320.86			1.430	5.000
220		0	4.30			56.128	

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

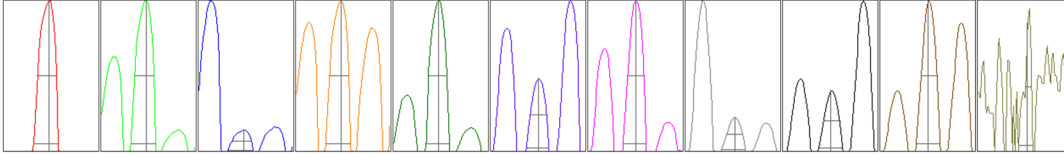
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3344	3452	3462	3490	3437
24	45348	46963	47528	47418	46923
25	6301	6488	6479	6493	6459
26	7315	7604	7614	7627	7583
59	26864	27781	27809	27629	27633
113	4660	4732	4786	4791	4724
115	14431	14530	14464	14481	14360
206	5324	5424	5423	5577	5498
207	4450	4486	4540	4629	4577
208	11239	11204	11202	11480	11535

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6051.22	8.95	8.90 - 9.10	
24	81137.14	23.95	23.90 - 24.10	
25	10996.46	24.95	24.90 - 25.10	
26	12847.49	25.95	25.90 - 26.10	
59	50782.25	58.95	58.90 - 59.10	
113	9642.00	113.05	112.90 - 113.10	
115	29356.98	115.05	114.90 - 115.10	
206	11229.78	206.10	205.90 - 206.10	
207	9460.28	207.05	206.90 - 207.10	
208	23494.10	208.05	207.90 - 208.10	
220	0.85	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.777	0.900	
24	0.62	0.784	0.900	
25	0.62	0.785	0.900	
26	0.62	0.784	0.900	
59	0.57	0.738	0.900	
113	0.51	0.686	0.900	
115	0.50	0.719	0.900	
206	0.49	0.727	0.900	
207	0.50	0.735	0.900	
208	0.49	0.730	0.900	
220	0.19	0.438		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 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	11.0 V	Deflect	14.4 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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	190 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9996	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.06		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	0.1 mm
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EM

Discriminator	3.9 mV	Analog HV	2166 V	Pulse HV	1189 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6405	64045.40			2.003	
89		12347	123473.53			1.641	
205		12437	124368.37			1.436	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6494	6184	6435	6495	6414
89	12485	12011	12375	12525	12341
205	12519	12160	12562	12586	12357

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 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	11.0 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 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	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9996	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.06		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	0.1 mm		
EM					
Discriminator	3.9 mV	Analog HV	2166 V	Pulse HV	1189 V

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.26	-2.30	3.56	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.02	-0.03	0.00	N/A	ppb
Barium	137-1	-0.04	0.00	0.03	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.12	0.14	0.00	N/A	ppb
Boron	11-1	-0.05	-0.04	0.09	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	-0.20	-0.60	0.80	0.00	N/A	ppb
Cadmium	108-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	8.71	-4.49	-4.22	0.00	N/A	ppb
Calcium	44-1	-6.46	-6.40	12.86	0.00	N/A	ppb
Chromium	52-2	0.13	-0.15	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.02	-0.02	0.00	N/A	ppb
Copper	63-2	-0.04	0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2.06	-0.63	-1.43	0.00	N/A	ppb
Iron	56-2	0.15	-0.04	-0.11	0.00	N/A	ppb
Iron	57-2	-0.78	-0.82	1.60	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.03	0.03	0.00	N/A	ppb
Lead	208-1	0.00	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.54	1.18	-0.64	0.00	N/A	ppb
Manganese	55-2	-0.05	0.09	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	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	0.04	-0.01	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-39.66	45.30	-92.26	-28.87		ppb
Potassium	39-2	-9.22	3.29	5.93	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.26	0.92	-1.18	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	0.76	0.19	0.00	N/A	ppb
Silicon	28-1	-23.49	-5.71	29.19	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.86	1.27	0.59	0.00	N/A	ppb
Strontium	86-1	-0.10	0.02	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1436.67	158.78	3367.12	696.41	351.32	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.27	0.06	0.21	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.16	-0.03	0.19	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:32:24	DataFile Name :	007CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.41	18.19	18.54	19.05	6.25	ppb
Antimony	121-1	2.01	1.90	2.05	1.99	3.74	ppb
Arsenic	75-2	0.93	1.00	1.06	1.00	6.18	ppb
Barium	135-1	10.71	10.24	10.11	10.35	3.04	ppb
Barium	137-1	10.38	10.55	10.49	10.47	0.83	ppb
Beryllium	9-1	0.97	1.05	0.87	0.96	9.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	22.60	24.42	26.73	24.58	8.42	ppb
Boron	11-1	20.98	25.62	26.80	24.47	12.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.90	0.92	0.98	0.93	4.67	ppb
Cadmium	106-1	-0.96	-2.03	-1.52	-1.50		ppb
Cadmium	108-1	1.21	1.50	0.83	1.18	28.31	ppb
Calcium	43-1	494.97	528.66	486.70	503.44	4.42	ppb
Calcium	44-1	488.00	499.21	493.09	493.43	1.14	ppb
Chromium	52-2	1.95	1.89	1.86	1.90	2.23	ppb
Cobalt	59-2	1.08	1.08	1.00	1.05	4.43	ppb
Copper	63-2	1.99	2.11	1.96	2.02	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	50.02	55.97	47.64	51.21	8.38	ppb
Iron	56-2	52.71	51.88	51.92	52.17	0.89	ppb
Iron	57-2	52.31	47.67	48.02	49.34	5.24	ppb
Krypton	83-1						cps
Lead	206-1	0.98	1.00	0.99	0.99	0.93	ppb
Lead	207-1	0.93	1.06	1.03	1.01	6.63	ppb
Lead	208-1	0.96	1.04	1.04	1.01	4.28	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 12:32:24 DataFile Name : 007CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	527.83	517.88	512.00	519.24	1.54	ppb
Manganese	55-2	1.00	1.05	1.00	1.02	2.88	ppb
Molybdenum	94-1	5.30	5.23	5.30	5.27	0.74	ppb
Molybdenum	95-1	5.12	5.55	5.07	5.25	5.10	ppb
Molybdenum	96-1	5.08	5.43	5.12	5.21	3.66	ppb
Molybdenum	97-1	5.22	5.02	5.24	5.16	2.44	ppb
Molybdenum	98-1	5.43	5.32	5.33	5.36	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.91	1.25	1.07	16.06	ppb
Phosphorus	31-2	11.21	-28.68	104.09	28.87	235.96	ppb
Potassium	39-2	524.79	482.90	493.10	500.26	4.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	5.48	4.93	2.93	4.45	30.12	ppb
Selenium	77-2	11.98	4.73	4.83	7.18	57.85	ppb
Selenium	78-2	3.82	4.36	6.30	4.83	27.00	ppb
Silicon	28-1	-12.37	-9.06	-2.05	-7.83		ppb
Silver	109-1	1.00	1.11	1.08	1.07	5.30	ppb
Silver	107-1	1.06	1.18	1.07	1.10	6.11	ppb
Sodium	23-2	492.11	507.47	509.01	502.87	1.86	ppb
Strontium	86-1	0.73	0.76	0.85	0.78	8.23	ppb
Strontium	88-1	0.94	1.02	0.93	0.96	5.17	ppb
Sulfur	34-1	-1354.02	-639.41	-95.79	-696.41		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.96	1.05	0.96	0.99	5.10	ppb
Thallium	205-1	0.99	0.99	0.98	0.99	0.70	ppb
Tin	118-1	5.35	5.43	5.40	5.40	0.71	ppb
Titanium	47-1	5.64	4.95	5.23	5.27	6.63	ppb
Uranium	238-1	0.95	0.95	0.93	0.94	1.38	ppb
Vanadium	51-2	5.43	5.13	5.40	5.32	3.11	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:32:24	DataFile Name :	007CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1.93	1.98	1.87	1.93	2.83	ppb
Zirconium	90-1	0.97	1.04	0.84	0.95	10.66	ppb
Zirconium	91-1	0.86	0.97	0.75	0.86	12.50	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:35:24	DataFile Name :	008CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	916.30	970.07	959.73	948.70	3.01	ppb
Antimony	121-1	51.66	51.02	52.05	51.58	1.02	ppb
Arsenic	75-2	48.43	49.88	50.52	49.61	2.16	ppb
Barium	135-1	256.21	257.94	258.13	257.43	0.41	ppb
Barium	137-1	258.69	260.21	263.48	260.80	0.94	ppb
Beryllium	9-1	50.67	49.57	52.57	50.94	2.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	42.83	45.98	53.84	47.55	11.93	ppb
Boron	11-1	41.08	46.08	54.81	47.32	14.69	ppb
Bromine	81-1						cps
Cadmium	111-1	50.03	50.31	51.15	50.50	1.15	ppb
Cadmium	106-1	53.02	50.27	46.03	49.78	7.08	ppb
Cadmium	108-1	49.92	53.49	52.01	51.80	3.46	ppb
Calcium	43-1	5210.36	5221.66	5070.61	5167.54	1.63	ppb
Calcium	44-1	5231.47	5233.26	5322.89	5262.54	0.99	ppb
Chromium	52-2	45.22	47.40	46.66	46.43	2.40	ppb
Cobalt	59-2	49.15	50.36	50.01	49.84	1.25	ppb
Copper	63-2	498.12	510.12	507.96	505.40	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	2452.86	2540.12	2509.21	2500.73	1.77	ppb
Iron	56-2	2502.05	2515.86	2499.91	2505.94	0.35	ppb
Iron	57-2	2407.24	2429.71	2417.99	2418.32	0.46	ppb
Krypton	83-1						cps
Lead	206-1	244.36	248.33	248.38	247.02	0.93	ppb
Lead	207-1	240.91	247.69	250.27	246.29	1.96	ppb
Lead	208-1	244.67	248.99	252.07	248.57	1.50	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:35:24	DataFile Name :	008CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	5089.49	5251.78	5263.29	5201.52	1.87	ppb
Manganese	55-2	484.71	503.54	494.97	494.41	1.91	ppb
Molybdenum	94-1	251.22	255.89	260.41	255.84	1.80	ppb
Molybdenum	95-1	253.72	256.21	262.89	257.61	1.84	ppb
Molybdenum	96-1	246.88	254.01	258.65	253.18	2.34	ppb
Molybdenum	97-1	245.22	246.30	258.01	249.84	2.84	ppb
Molybdenum	98-1	252.90	257.73	260.24	256.96	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.39	47.83	47.39	47.54	0.53	ppb
Phosphorus	31-2	877.23	1034.54	928.38	946.72	8.48	ppb
Potassium	39-2	2454.70	2584.56	2528.28	2522.51	2.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	49.99	50.15	50.67	50.27	0.71	ppb
Selenium	77-2	30.88	23.86	47.82	34.19	36.03	ppb
Selenium	78-2	53.82	48.27	49.88	50.66	5.64	ppb
Silicon	28-1	41.23	45.97	50.01	45.74	9.61	ppb
Silver	109-1	51.82	52.26	52.93	52.34	1.07	ppb
Silver	107-1	50.88	50.74	51.43	51.02	0.71	ppb
Sodium	23-2	4894.51	5067.96	5087.77	5016.75	2.12	ppb
Strontium	86-1	47.87	49.84	51.93	49.88	4.07	ppb
Strontium	88-1	51.24	50.89	52.92	51.68	2.10	ppb
Sulfur	34-1	-22.26	-395.66	-167.27	-195.06		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	48.23	50.06	49.00	49.10	1.87	ppb
Thallium	205-1	49.54	50.30	49.84	49.89	0.77	ppb
Tin	118-1	51.42	52.25	51.99	51.89	0.81	ppb
Titanium	47-1	249.91	249.75	248.99	249.55	0.20	ppb
Uranium	238-1	48.54	49.33	49.37	49.08	0.94	ppb
Vanadium	51-2	48.37	50.50	50.19	49.69	2.32	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:35:24	DataFile Name :	008CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	503.86	508.30	513.06	508.40	0.91	ppb
Zirconium	90-1	50.68	51.53	53.65	51.95	2.94	ppb
Zirconium	91-1	50.03	49.45	50.49	49.99	1.04	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2775.41	2461.35	2487.12	2574.63	6.77	ppb
Antimony	121-1	131.72	130.88	130.92	131.17	0.36	ppb
Arsenic	75-2	144.90	127.52	128.02	133.48	7.41	ppb
Barium	135-1	653.27	649.38	653.23	651.96	0.34	ppb
Barium	137-1	656.07	654.09	658.11	656.09	0.31	ppb
Beryllium	9-1	131.47	133.51	130.29	131.76	1.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	101.96	123.61	128.97	118.18	12.10	ppb
Boron	11-1	106.80	124.73	132.73	121.42	10.94	ppb
Bromine	81-1						cps
Cadmium	111-1	128.75	129.08	129.80	129.21	0.42	ppb
Cadmium	106-1	132.24	124.20	131.76	129.40	3.49	ppb
Cadmium	108-1	133.61	126.32	125.82	128.58	3.39	ppb
Calcium	43-1	13243.37	12809.80	13347.61	13133.59	2.17	ppb
Calcium	44-1	13156.99	13180.97	13487.41	13275.12	1.39	ppb
Chromium	52-2	136.81	122.06	120.70	126.52	7.06	ppb
Cobalt	59-2	146.01	126.94	126.16	133.04	8.45	ppb
Copper	63-2	1470.84	1289.57	1283.94	1348.12	7.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	7388.18	6432.99	6439.99	6753.72	8.14	ppb
Iron	56-2	7351.86	6470.49	6273.99	6698.78	8.57	ppb
Iron	57-2	7264.20	6266.15	6272.67	6601.01	8.70	ppb
Krypton	83-1						cps
Lead	206-1	656.55	637.06	642.87	645.49	1.55	ppb
Lead	207-1	644.63	628.51	640.80	637.98	1.32	ppb
Lead	208-1	653.68	639.42	641.26	644.79	1.20	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	15156.47	13334.60	13204.86	13898.64	7.85	ppb
Manganese	55-2	1459.77	1268.95	1270.81	1333.17	8.22	ppb
Molybdenum	94-1	658.94	656.92	645.01	653.62	1.15	ppb
Molybdenum	95-1	663.93	668.13	656.02	662.69	0.93	ppb
Molybdenum	96-1	659.04	652.13	647.17	652.78	0.91	ppb
Molybdenum	97-1	644.79	650.20	634.35	643.11	1.25	ppb
Molybdenum	98-1	649.17	637.78	632.62	639.85	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.23	119.55	118.98	126.25	9.59	ppb
Phosphorus	31-2	2717.28	2605.45	2692.02	2671.58	2.20	ppb
Potassium	39-2	7343.48	6443.74	6450.03	6745.75	7.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	128.60	128.02	126.39	127.67	0.90	ppb
Selenium	77-2	162.40	116.06	93.40	123.95	28.38	ppb
Selenium	78-2	145.01	129.08	136.63	136.91	5.82	ppb
Silicon	28-1	151.65	141.23	156.16	149.68	5.11	ppb
Silver	109-1	131.21	132.21	131.09	131.50	0.46	ppb
Silver	107-1	129.83	130.24	129.56	129.88	0.26	ppb
Sodium	23-2	14397.40	12747.05	12927.97	13357.47	6.78	ppb
Strontium	86-1	128.78	125.51	126.89	127.06	1.29	ppb
Strontium	88-1	131.69	131.83	130.65	131.39	0.49	ppb
Sulfur	34-1	2048.90	926.68	2506.60	1827.39	44.48	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	130.30	126.70	128.38	128.46	1.40	ppb
Thallium	205-1	132.60	128.80	129.61	130.34	1.53	ppb
Tin	118-1	130.38	131.30	129.95	130.54	0.53	ppb
Titanium	47-1	642.89	636.34	650.17	643.13	1.08	ppb
Uranium	238-1	131.89	127.69	129.41	129.66	1.63	ppb
Vanadium	51-2	146.16	126.38	124.71	132.41	9.01	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1465.87	1274.30	1267.20	1335.79	8.44	ppb
Zirconium	90-1	133.31	133.91	131.24	132.82	1.06	ppb
Zirconium	91-1	129.06	129.98	127.31	128.79	1.05	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4983.47	4967.62	4945.92	4965.67	0.38	ppb
Antimony	121-1	265.43	262.22	264.11	263.92	0.61	ppb
Arsenic	75-2	254.85	258.02	257.31	256.73	0.65	ppb
Barium	135-1	1318.85	1269.31	1297.98	1295.38	1.92	ppb
Barium	137-1	1324.05	1291.03	1330.40	1315.16	1.61	ppb
Beryllium	9-1	262.93	256.28	260.08	259.76	1.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	228.28	248.04	271.96	249.43	8.77	ppb
Boron	11-1	221.66	246.71	270.93	246.44	10.00	ppb
Bromine	81-1						cps
Cadmium	111-1	257.60	254.90	260.51	257.67	1.09	ppb
Cadmium	106-1	280.05	245.82	253.26	259.71	6.93	ppb
Cadmium	108-1	266.27	254.13	264.16	261.52	2.48	ppb
Calcium	43-1	26088.84	26593.23	26177.09	26286.39	1.02	ppb
Calcium	44-1	26387.61	26600.17	26287.19	26424.99	0.60	ppb
Chromium	52-2	246.10	239.59	241.90	242.53	1.36	ppb
Cobalt	59-2	258.13	259.18	254.51	257.27	0.95	ppb
Copper	63-2	2590.95	2628.53	2544.68	2588.05	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	13005.65	13036.72	12995.59	13012.65	0.16	ppb
Iron	56-2	12901.44	12790.77	12733.18	12808.46	0.67	ppb
Iron	57-2	12960.23	12671.90	12699.59	12777.24	1.25	ppb
Krypton	83-1						cps
Lead	206-1	1288.40	1313.31	1275.32	1292.34	1.49	ppb
Lead	207-1	1274.86	1294.34	1286.24	1285.15	0.76	ppb
Lead	208-1	1277.55	1301.72	1273.67	1284.31	1.18	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	26765.12	26249.35	26765.39	26593.29	1.12	ppb
Manganese	55-2	2589.43	2565.76	2538.31	2564.50	1.00	ppb
Molybdenum	94-1	1297.55	1238.94	1298.30	1278.26	2.66	ppb
Molybdenum	95-1	1302.64	1259.70	1273.85	1278.73	1.71	ppb
Molybdenum	96-1	1299.81	1261.63	1275.60	1279.01	1.51	ppb
Molybdenum	97-1	1284.16	1258.13	1315.41	1285.90	2.23	ppb
Molybdenum	98-1	1257.02	1242.32	1292.73	1264.03	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.99	243.65	240.24	242.62	0.86	ppb
Phosphorus	31-2	5289.27	5092.03	5338.91	5240.07	2.49	ppb
Potassium	39-2	12981.79	12917.19	12780.96	12893.31	0.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	259.07	253.63	262.01	258.24	1.65	ppb
Selenium	77-2	241.82	261.92	250.79	251.51	4.00	ppb
Selenium	78-2	261.87	261.24	264.34	262.49	0.62	ppb
Silicon	28-1	200.56	229.14	218.55	216.08	6.69	ppb
Silver	109-1	264.56	260.81	262.11	262.49	0.73	ppb
Silver	107-1	263.14	254.80	260.26	259.40	1.63	ppb
Sodium	23-2	25708.07	25557.49	26077.39	25780.98	1.04	ppb
Strontium	86-1	259.18	250.23	258.91	256.10	1.99	ppb
Strontium	88-1	254.80	256.79	266.34	259.31	2.38	ppb
Sulfur	34-1	3551.76	5342.49	3968.22	4287.49	21.86	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	258.74	255.28	252.51	255.51	1.22	ppb
Thallium	205-1	259.51	260.11	257.96	259.19	0.43	ppb
Tin	118-1	263.82	259.49	261.90	261.74	0.83	ppb
Titanium	47-1	1278.84	1291.05	1274.99	1281.62	0.65	ppb
Uranium	238-1	256.54	254.45	251.74	254.24	0.95	ppb
Vanadium	51-2	259.76	253.76	251.31	254.94	1.71	ppb
Yttrium	89-1				103		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2563.49	2574.93	2565.04	2567.82	0.24	ppb
Zirconium	90-1	267.47	264.34	269.13	266.98	0.91	ppb
Zirconium	91-1	258.89	250.19	257.50	255.53	1.83	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CALC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9888.14	9739.35	9787.37	9804.95	0.77	ppb
Antimony	121-1	502.26	556.80	513.19	524.09	5.51	ppb
Arsenic	75-2	505.78	507.33	503.95	505.69	0.33	ppb
Barium	135-1	2502.17	2784.61	2550.76	2612.51	5.78	ppb
Barium	137-1	2509.83	2821.95	2588.02	2639.93	6.15	ppb
Beryllium	9-1	502.60	561.29	527.74	530.55	5.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	426.44	541.47	559.09	509.00	14.15	ppb
Boron	11-1	434.21	540.91	559.06	511.39	13.19	ppb
Bromine	81-1						cps
Cadmium	111-1	496.09	552.98	517.54	522.20	5.50	ppb
Cadmium	106-1	483.73	547.29	521.30	517.44	6.18	ppb
Cadmium	108-1	493.03	553.79	508.98	518.60	6.07	ppb
Calcium	43-1	52780.10	58443.70	53327.83	54850.54	5.70	ppb
Calcium	44-1	50965.14	57096.47	52782.72	53614.78	5.87	ppb
Chromium	52-2	477.25	476.49	479.97	477.90	0.38	ppb
Cobalt	59-2	504.23	506.32	510.44	507.00	0.62	ppb
Copper	63-2	5004.85	5033.23	5077.02	5038.36	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	25671.65	25816.60	25562.22	25683.49	0.50	ppb
Iron	56-2	25261.18	25459.13	25445.72	25388.68	0.44	ppb
Iron	57-2	24726.23	25318.32	24967.24	25003.93	1.19	ppb
Krypton	83-1						cps
Lead	206-1	2556.00	2859.56	2643.66	2686.41	5.82	ppb
Lead	207-1	2524.75	2864.25	2603.84	2664.28	6.67	ppb
Lead	208-1	2518.56	2861.93	2614.41	2664.97	6.65	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CAL5_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	52636.15	52582.39	53719.09	52979.21	1.21	ppb
Manganese	55-2	5103.78	5093.83	5031.43	5076.34	0.77	ppb
Molybdenum	94-1	2541.18	2839.54	2639.39	2673.37	5.69	ppb
Molybdenum	95-1	2517.79	2875.22	2605.55	2666.19	6.99	ppb
Molybdenum	96-1	2521.14	2803.22	2579.56	2634.64	5.65	ppb
Molybdenum	97-1	2509.80	2848.79	2585.12	2647.90	6.72	ppb
Molybdenum	98-1	2526.97	2816.19	2559.22	2634.12	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.05	478.54	481.26	478.29	0.65	ppb
Phosphorus	31-2	10639.55	10209.54	9705.39	10184.83	4.59	ppb
Potassium	39-2	25317.20	25417.04	25786.97	25507.07	0.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	504.67	571.60	524.45	533.57	6.44	ppb
Selenium	77-2	507.56	483.68	546.51	512.58	6.19	ppb
Selenium	78-2	499.81	515.15	527.23	514.06	2.67	ppb
Silicon	28-1	454.90	537.95	451.30	481.38	10.18	ppb
Silver	109-1	499.53	551.77	512.55	521.28	5.22	ppb
Silver	107-1	497.35	544.93	518.74	520.34	4.58	ppb
Sodium	23-2	50495.69	50562.97	51622.80	50893.82	1.24	ppb
Strontium	86-1	503.11	562.58	518.93	528.21	5.83	ppb
Strontium	88-1	510.97	571.32	520.74	534.35	6.06	ppb
Sulfur	34-1	9514.86	14783.75	8754.48	11017.70	29.80	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	504.15	570.50	524.98	533.21	6.36	ppb
Thallium	205-1	509.12	568.79	527.86	535.25	5.70	ppb
Tin	118-1	511.93	558.55	527.81	532.77	4.45	ppb
Titanium	47-1	2536.59	2799.33	2542.29	2626.07	5.71	ppb
Uranium	238-1	512.05	565.85	530.10	536.00	5.11	ppb
Vanadium	51-2	506.95	505.81	503.50	505.42	0.35	ppb
Yttrium	89-1				100		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	4978.68	4997.96	5023.02	4999.89	0.44	ppb
Zirconium	90-1	518.34	579.86	528.54	542.24	6.08	ppb
Zirconium	91-1	508.26	569.83	518.05	532.05	6.22	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:47:21	DataFile Name :	012CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19169.99	19820.13	19145.71	19378.61	1.97	ppb
Antimony	121-1	979.38	969.07	1002.43	983.63	1.74	ppb
Arsenic	75-2	985.98	1003.99	993.33	994.43	0.91	ppb
Barium	135-1	4951.11	4862.11	4972.75	4928.66	1.19	ppb
Barium	137-1	4901.57	4871.03	4955.35	4909.32	0.87	ppb
Beryllium	9-1	977.43	963.22	1003.53	981.39	2.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	874.47	996.65	1118.77	996.63	12.26	ppb
Boron	11-1	881.35	983.99	1122.03	995.79	12.13	ppb
Bromine	81-1						cps
Cadmium	111-1	982.75	975.84	1000.70	986.43	1.30	ppb
Cadmium	106-1	986.91	978.73	999.30	988.32	1.05	ppb
Cadmium	108-1	984.38	973.19	1004.27	987.28	1.59	ppb
Calcium	43-1	103028.85	103343.68	105414.27	103928.93	1.25	ppb
Calcium	44-1	100502.43	100465.85	102129.29	101032.52	0.94	ppb
Chromium	52-2	1004.75	1033.34	1000.63	1012.90	1.76	ppb
Cobalt	59-2	983.15	1012.71	985.20	993.69	1.66	ppb
Copper	63-2	9933.18	10118.25	9787.38	9946.27	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	51472.93	52462.17	50670.47	51535.19	1.74	ppb
Iron	56-2	49320.90	50582.11	49087.90	49663.64	1.62	ppb
Iron	57-2	49184.64	50220.76	49067.13	49490.85	1.28	ppb
Krypton	83-1						cps
Lead	206-1	4982.70	4864.93	4833.77	4893.80	1.61	ppb
Lead	207-1	4964.87	4887.54	4870.50	4907.64	1.02	ppb
Lead	208-1	4939.93	4883.25	4896.42	4906.54	0.60	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:47:21	DataFile Name :	012CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	101530.61	103646.36	100977.44	102051.47	1.38	ppb
Manganese	55-2	9900.96	10084.84	9820.96	9935.59	1.36	ppb
Molybdenum	94-1	4869.84	4879.22	4958.08	4902.38	0.99	ppb
Molybdenum	95-1	4929.45	4848.64	4935.81	4904.63	0.99	ppb
Molybdenum	96-1	4935.22	4898.27	4931.90	4921.80	0.42	ppb
Molybdenum	97-1	4907.37	4885.60	4951.48	4914.82	0.68	ppb
Molybdenum	98-1	4960.76	4852.39	4968.54	4927.23	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1008.13	1024.69	1005.18	1012.67	1.04	ppb
Phosphorus	31-2	19596.97	19855.85	20033.53	19828.79	1.11	ppb
Potassium	39-2	48857.94	49833.80	47544.06	48745.27	2.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	990.35	967.68	984.40	980.81	1.20	ppb
Selenium	77-2	1009.82	977.82	995.08	994.24	1.61	ppb
Selenium	78-2	981.35	1004.50	979.13	988.33	1.42	ppb
Silicon	28-1	978.08	1028.01	1039.18	1015.09	3.21	ppb
Silver	109-1	979.03	977.01	999.88	985.31	1.28	ppb
Silver	107-1	996.36	969.44	994.66	986.82	1.53	ppb
Sodium	23-2	100498.65	100021.59	98726.47	99748.90	0.92	ppb
Strontium	86-1	988.06	970.50	993.79	984.12	1.23	ppb
Strontium	88-1	980.93	975.17	982.75	979.62	0.40	ppb
Sulfur	34-1	20096.25	19451.49	19891.58	19813.11	1.66	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	993.05	969.65	982.19	981.63	1.19	ppb
Thallium	205-1	994.53	976.70	967.01	979.41	1.43	ppb
Tin	118-1	990.71	955.55	993.42	979.89	2.16	ppb
Titanium	47-1	4895.54	4937.26	4947.64	4926.82	0.56	ppb
Uranium	238-1	996.30	974.87	970.03	980.40	1.43	ppb
Vanadium	51-2	986.90	1011.31	987.21	995.14	1.41	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:47:21	DataFile Name :	012CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	9949.64	10114.60	9851.64	9971.96	1.33	ppb
Zirconium	90-1	970.74	963.83	986.10	973.56	1.17	ppb
Zirconium	91-1	982.58	970.77	993.02	982.12	1.13	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100266.43	99987.93	100178.08	100144.15	0.14	ppb
Antimony	121-1	0.76	0.72	0.87	0.78	9.83	ppb
Arsenic	75-2	0.56	0.48	0.57	0.54	9.90	ppb
Barium	135-1	10.26	10.17	9.44	9.96	4.49	ppb
Barium	137-1	10.64	10.49	10.19	10.44	2.20	ppb
Beryllium	9-1	0.29	0.28	0.28	0.28	2.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	186.37	176.50	153.59	172.15	9.77	ppb
Boron	11-1	190.32	171.41	154.41	172.05	10.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.41	0.38	0.39	5.74	ppb
Cadmium	106-1	-1.02	-1.74	-3.82	-2.20		ppb
Cadmium	108-1	0.91	0.67	0.36	0.65	42.41	ppb
Calcium	43-1	499745.63	500483.98	495712.35	498647.32	0.52	ppb
Calcium	44-1	497939.74	502477.19	497599.38	499338.77	0.55	ppb
Chromium	52-2	28.73	27.24	27.53	27.83	2.85	ppb
Cobalt	59-2	1.91	1.92	2.04	1.96	3.45	ppb
Copper	63-2	7.68	7.39	7.31	7.46	2.65	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				105		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	254295.95	248891.58	245571.61	249586.38	1.76	ppb
Iron	56-2	252953.36	250841.63	246210.11	250001.70	1.38	ppb
Iron	57-2	252883.22	249541.64	247814.00	250079.62	1.03	ppb
Krypton	83-1						cps
Lead	206-1	5.52	5.70	5.83	5.68	2.80	ppb
Lead	207-1	5.59	5.80	5.72	5.70	1.83	ppb
Lead	208-1	5.64	5.84	5.82	5.77	1.88	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	506786.89	493527.15	497211.32	499175.12	1.37	ppb
Manganese	55-2	16.32	16.13	16.13	16.20	0.69	ppb
Molybdenum	94-1	3.80	3.70	3.61	3.70	2.61	ppb
Molybdenum	95-1	4.92	4.68	4.78	4.79	2.46	ppb
Molybdenum	96-1	4.88	4.76	4.83	4.82	1.19	ppb
Molybdenum	97-1	5.12	4.40	4.81	4.78	7.53	ppb
Molybdenum	98-1	4.89	4.80	4.79	4.82	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.63	18.09	17.30	17.67	2.25	ppb
Phosphorus	31-2	-34.71	-64.71	36.45	-20.99		ppb
Potassium	39-2	253793.13	250662.67	246048.07	250167.95	1.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	2.10	1.15	-0.53	0.91	146.54	ppb
Selenium	77-2	0.00	2.48	0.00	0.83	173.21	ppb
Selenium	78-2	-0.51	0.10	1.53	0.38	278.31	ppb
Silicon	28-1	51.75	57.27	56.58	55.20	5.45	ppb
Silver	109-1	0.30	0.31	0.28	0.30	3.86	ppb
Silver	107-1	0.29	0.31	0.30	0.30	2.94	ppb
Sodium	23-2	507061.09	496895.20	495744.25	499900.18	1.25	ppb
Strontium	86-1	1.48	2.18	1.92	1.86	19.01	ppb
Strontium	88-1	2.20	2.25	2.16	2.21	2.02	ppb
Sulfur	34-1	-1978.43	-1080.27	-1748.09	-1602.26		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.94	0.83	0.74	0.84	12.04	ppb
Thallium	205-1	0.96	0.89	0.82	0.89	7.99	ppb
Tin	118-1	0.93	1.03	0.92	0.96	6.37	ppb
Titanium	47-1	0.73	0.66	0.73	0.71	5.82	ppb
Uranium	238-1	0.14	0.13	0.13	0.13	3.70	ppb
Vanadium	51-2	0.49	0.41	0.35	0.42	16.96	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	67.12	66.75	65.17	66.34	1.56	ppb
Zirconium	90-1	0.22	0.26	0.31	0.26	16.81	ppb
Zirconium	91-1	0.22	0.36	0.35	0.31	23.68	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:15:29	DataFile Name :	014ICV01_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.17	505.77	502.66	498.86	1.88	ppb
Antimony	121-1	201.78	205.33	207.30	204.80	1.36	ppb
Arsenic	75-2	205.89	206.30	207.53	206.57	0.41	ppb
Barium	135-1	103.98	105.51	107.71	105.73	1.78	ppb
Barium	137-1	104.84	105.74	108.52	106.37	1.81	ppb
Beryllium	9-1	97.44	99.43	98.52	98.47	1.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	661.50	683.17	688.91	677.86	2.13	ppb
Boron	11-1	655.27	682.47	694.05	677.27	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	99.88	100.98	104.31	101.72	2.27	ppb
Cadmium	106-1	137.02	146.45	144.08	142.52	3.44	ppb
Cadmium	108-1	132.70	137.92	129.06	133.23	3.34	ppb
Calcium	43-1	2153.16	2175.52	2213.45	2180.71	1.40	ppb
Calcium	44-1	2121.14	2153.55	2141.65	2138.78	0.77	ppb
Chromium	52-2	95.34	95.44	96.26	95.68	0.53	ppb
Cobalt	59-2	102.97	104.02	103.59	103.53	0.51	ppb
Copper	63-2	103.31	105.01	104.30	104.21	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	2038.20	2080.94	2030.95	2050.03	1.32	ppb
Iron	56-2	1969.66	2001.06	1989.62	1986.78	0.80	ppb
Iron	57-2	1907.41	1908.90	1935.24	1917.18	0.82	ppb
Krypton	83-1						cps
Lead	206-1	220.91	222.19	222.84	221.98	0.44	ppb
Lead	207-1	203.42	207.67	208.47	206.52	1.31	ppb
Lead	208-1	213.60	216.92	217.97	216.16	1.05	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:15:29	DataFile Name :	014ICV01_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	1219.48	1243.40	1208.84	1223.91	1.45	ppb
Manganese	55-2	104.73	105.95	107.15	105.94	1.14	ppb
Molybdenum	94-1	2422.44	2487.59	2447.68	2452.57	1.34	ppb
Molybdenum	95-1	2509.28	2513.25	2488.86	2503.80	0.52	ppb
Molybdenum	96-1	2473.58	2522.94	2464.77	2487.10	1.26	ppb
Molybdenum	97-1	2450.64	2508.02	2453.92	2470.86	1.30	ppb
Molybdenum	98-1	2493.70	2483.68	2503.32	2493.57	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.28	95.42	97.60	96.76	1.22	ppb
Phosphorus	31-2	-26.85	-13.11	21.17	-6.27		ppb
Potassium	39-2	1944.32	2003.45	2036.54	1994.77	2.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	205.53	207.76	209.01	207.43	0.85	ppb
Selenium	77-2	222.41	177.36	192.52	197.43	11.61	ppb
Selenium	78-2	220.51	212.23	221.11	217.95	2.28	ppb
Silicon	28-1	383.75	379.90	403.82	389.16	3.30	ppb
Silver	109-1	49.88	50.33	50.63	50.28	0.75	ppb
Silver	107-1	48.36	49.78	50.37	49.50	2.08	ppb
Sodium	23-2	2002.65	2069.12	2093.14	2054.97	2.28	ppb
Strontium	86-1	464.74	468.96	469.51	467.73	0.56	ppb
Strontium	88-1	475.21	471.26	477.37	474.62	0.65	ppb
Sulfur	34-1	-2324.83	-2891.87	-2227.87	-2481.52		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	213.52	220.03	221.79	218.45	1.99	ppb
Thallium	205-1	218.68	225.20	224.80	222.89	1.64	ppb
Tin	118-1	472.66	471.36	483.03	475.68	1.34	ppb
Titanium	47-1	2458.30	2434.13	2479.34	2457.26	0.92	ppb
Uranium	238-1	512.74	519.63	528.71	520.36	1.54	ppb
Vanadium	51-2	100.27	100.17	100.80	100.41	0.34	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:15:29	DataFile Name :	014ICV01_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	179.53	184.59	183.83	182.65	1.49	ppb
Zirconium	90-1	484.21	481.90	492.09	486.07	1.10	ppb
Zirconium	91-1	466.07	467.40	474.78	469.42	1.00	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.80	21.53	16.06	19.13	14.61	ppb
Antimony	121-1	1.95	2.12	1.97	2.02	4.50	ppb
Arsenic	75-2	1.06	1.19	1.13	1.12	5.84	ppb
Barium	135-1	9.74	10.48	9.56	9.93	4.93	ppb
Barium	137-1	11.13	10.55	10.35	10.68	3.80	ppb
Beryllium	9-1	1.04	0.92	0.97	0.98	5.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	22.25	26.44	30.37	26.35	15.40	ppb
Boron	11-1	22.12	25.98	29.95	26.02	15.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.71	0.91	0.90	0.84	13.47	ppb
Cadmium	106-1	-5.99	-2.98	-4.54	-4.50		ppb
Cadmium	108-1	1.02	0.62	1.49	1.04	41.95	ppb
Calcium	43-1	486.33	501.82	535.29	507.81	4.93	ppb
Calcium	44-1	479.98	511.00	484.68	491.89	3.40	ppb
Chromium	52-2	1.84	1.73	1.83	1.80	3.16	ppb
Cobalt	59-2	0.98	1.09	0.99	1.02	6.23	ppb
Copper	63-2	2.25	2.14	2.09	2.16	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	49.42	53.93	56.99	53.45	7.12	ppb
Iron	56-2	55.27	53.58	52.48	53.77	2.61	ppb
Iron	57-2	42.89	52.21	46.94	47.35	9.87	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.05	1.14	1.08	4.71	ppb
Lead	207-1	1.09	1.08	1.09	1.09	0.25	ppb
Lead	208-1	1.07	1.09	1.09	1.08	1.10	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	530.96	494.94	523.98	516.63	3.70	ppb
Manganese	55-2	1.12	1.07	1.15	1.11	3.65	ppb
Molybdenum	94-1	5.03	4.83	4.95	4.94	1.98	ppb
Molybdenum	95-1	5.44	5.58	5.65	5.55	1.90	ppb
Molybdenum	96-1	5.55	5.34	5.12	5.34	4.07	ppb
Molybdenum	97-1	5.32	5.23	5.59	5.38	3.41	ppb
Molybdenum	98-1	5.18	5.42	5.19	5.26	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.07	1.19	1.14	5.91	ppb
Phosphorus	31-2	63.43	104.57	3.76	57.26	88.53	ppb
Potassium	39-2	532.61	537.51	532.54	534.22	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	5.79	3.17	5.68	4.88	30.39	ppb
Selenium	77-2	10.09	7.63	15.32	11.01	35.63	ppb
Selenium	78-2	6.34	6.44	3.93	5.57	25.48	ppb
Silicon	28-1	-17.36	-12.37	-9.40	-13.04		ppb
Silver	109-1	1.17	1.01	1.03	1.07	7.81	ppb
Silver	107-1	1.09	1.10	0.89	1.03	11.63	ppb
Sodium	23-2	563.57	556.82	527.52	549.30	3.49	ppb
Strontium	86-1	1.00	1.18	0.98	1.05	10.39	ppb
Strontium	88-1	1.00	0.99	0.98	0.99	1.26	ppb
Sulfur	34-1	-1294.92	-48.73	-391.11	-578.25		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.96	0.93	0.96	2.95	ppb
Thallium	205-1	0.99	0.93	1.06	0.99	6.13	ppb
Tin	118-1	5.06	5.32	5.26	5.21	2.60	ppb
Titanium	47-1	5.21	5.01	5.39	5.20	3.63	ppb
Uranium	238-1	0.92	0.87	1.01	0.93	7.66	ppb
Vanadium	51-2	5.44	5.33	5.22	5.33	2.02	ppb
Yttrium	89-1				101		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	2.34	2.52	2.18	2.35	7.09	ppb
Zirconium	90-1	0.93	1.02	0.98	0.98	4.35	ppb
Zirconium	91-1	0.95	0.93	1.06	0.98	7.15	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:34:08	DataFile Name :	016CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	1.95	1.99	0.82	241.69	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	50.49	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	2.74	ppb
Barium	135-1	-0.03	0.02	-0.03	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.04	0.03	0.01	0.03	66.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	10.41	8.97	9.01	9.46	8.67	ppb
Boron	11-1	10.81	9.78	9.22	9.94	8.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	-0.12	-0.09		ppb
Cadmium	106-1	-2.34	-3.87	-5.52	-3.91		ppb
Cadmium	108-1	0.13	0.13	0.05	0.11	43.33	ppb
Calcium	43-1	-6.95	-12.68	-2.89	-7.51		ppb
Calcium	44-1	-26.97	-23.77	-27.84	-26.19		ppb
Chromium	52-2	0.08	-0.02	-0.11	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.13	0.12	0.08	0.11	24.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	0.27	-1.44	-2.95	-1.37		ppb
Iron	56-2	0.17	-0.15	-0.44	-0.14		ppb
Iron	57-2	-2.21	-1.40	-2.61	-2.07		ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.09	0.07	0.10	41.83	ppb
Lead	207-1	0.08	0.08	0.17	0.11	47.63	ppb
Lead	208-1	0.09	0.09	0.12	0.10	13.68	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:34:08	DataFile Name :	016CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	1.18	0.65	0.98	0.94	28.94	ppb
Manganese	55-2	-0.10	-0.02	-0.03	-0.05		ppb
Molybdenum	94-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	115.16	ppb
Molybdenum	96-1	-0.01	-0.01	-0.04	-0.02		ppb
Molybdenum	97-1	0.00	0.02	-0.02	0.00	12904.90	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	240.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.07	-0.09	-0.06		ppb
Phosphorus	31-2	-45.79	-61.92	21.49	-28.74		ppb
Potassium	39-2	38.59	16.45	8.55	21.20	73.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	-0.96	0.77	-0.16	-0.12		ppb
Selenium	77-2	0.00	0.00	2.52	0.84	173.21	ppb
Selenium	78-2	3.48	2.14	2.23	2.62	28.63	ppb
Silicon	28-1	-25.61	-12.17	-10.43	-16.07		ppb
Silver	109-1	0.00	0.00	0.01	0.00	157.53	ppb
Silver	107-1	0.01	0.00	0.00	0.00	163.84	ppb
Sodium	23-2	22.55	23.37	24.23	23.39	3.59	ppb
Strontium	86-1	-0.13	-0.19	-0.05	-0.12		ppb
Strontium	88-1	0.01	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-616.44	1082.48	608.03	358.02	244.85	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.00	0.00	95.52	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	42.22	ppb
Tin	118-1	0.00	0.01	-0.02	0.00		ppb
Titanium	47-1	0.16	0.08	-0.08	0.05	242.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	173.21	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	725.64	ppb
Yttrium	89-1				101		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:34:08	DataFile Name :	016CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-0.04	-0.13	-0.23	-0.13		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	890.41	ppb
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:43:13	DataFile Name :	018ICSA01_P8042120-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83310.96	83464.09	84928.17	83901.07	1.06	ppb
Antimony	121-1	1.07	1.20	1.14	1.13	5.75	ppb
Arsenic	75-2	0.27	0.33	0.30	0.30	10.14	ppb
Barium	135-1	1.29	1.26	1.16	1.24	5.46	ppb
Barium	137-1	1.25	1.45	1.38	1.36	7.48	ppb
Beryllium	9-1	0.22	0.26	0.27	0.25	9.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	4.66	4.77	3.99	4.47	9.47	ppb
Boron	11-1	5.05	4.44	4.30	4.60	8.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.12	0.22	0.19	29.28	ppb
Cadmium	106-1	-5.31	-8.72	-6.24	-6.76		ppb
Cadmium	108-1	8.47	7.72	7.51	7.90	6.41	ppb
Calcium	43-1	95612.57	98392.39	96253.53	96752.83	1.50	ppb
Calcium	44-1	93918.78	96556.43	95311.75	95262.32	1.39	ppb
Chromium	52-2	17.72	17.03	17.96	17.57	2.75	ppb
Cobalt	59-2	1.13	1.27	1.15	1.18	6.57	ppb
Copper	63-2	7.84	7.62	7.98	7.81	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				105		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	94033.44	94554.70	94738.05	94442.06	0.39	ppb
Iron	56-2	93166.86	95021.92	94927.59	94372.12	1.11	ppb
Iron	57-2	91865.87	93593.47	93951.75	93137.03	1.20	ppb
Krypton	83-1						cps
Lead	206-1	4.78	4.96	4.55	4.77	4.33	ppb
Lead	207-1	4.17	4.33	4.15	4.22	2.43	ppb
Lead	208-1	4.54	4.60	4.39	4.51	2.39	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:43:13	DataFile Name :	018ICSA01_P8042120-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	92089.46	93373.63	94107.10	93190.07	1.10	ppb
Manganese	55-2	7.22	7.34	7.77	7.44	3.86	ppb
Molybdenum	94-1	1293.15	1298.76	1333.97	1308.62	1.69	ppb
Molybdenum	95-1	1840.28	1854.85	1885.93	1860.35	1.25	ppb
Molybdenum	96-1	1772.42	1804.75	1795.82	1791.00	0.93	ppb
Molybdenum	97-1	1818.94	1854.04	1894.51	1855.83	2.04	ppb
Molybdenum	98-1	1817.34	1856.85	1893.01	1855.73	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.52	4.81	5.02	4.79	5.29	ppb
Phosphorus	31-2	91002.03	92572.63	91063.83	91546.16	0.97	ppb
Potassium	39-2	93649.02	92403.12	94045.86	93366.00	0.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	0.17	-1.32	-0.29	-0.48		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.91	1.38	1.05	0.51	245.25	ppb
Silicon	28-1	20.15	27.26	9.23	18.88	48.11	ppb
Silver	109-1	0.02	0.01	0.04	0.02	53.54	ppb
Silver	107-1	0.01	0.02	0.03	0.02	38.75	ppb
Sodium	23-2	93962.87	94969.84	95057.95	94663.55	0.64	ppb
Strontium	86-1	31.17	31.61	31.94	31.57	1.22	ppb
Strontium	88-1	32.24	33.69	33.60	33.18	2.46	ppb
Sulfur	34-1	68458.97	72315.32	65501.06	68758.45	4.97	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.04	0.02	0.04	47.45	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	22.10	ppb
Tin	118-1	0.15	0.17	0.16	0.16	5.75	ppb
Titanium	47-1	1864.64	1938.96	1876.87	1893.49	2.10	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	27.42	ppb
Vanadium	51-2	0.18	0.18	0.11	0.16	26.76	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:43:13	DataFile Name :	018ICSA01_P8042120-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	9.98	11.21	11.06	10.75	6.25	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	61.53	ppb
Zirconium	91-1	0.02	0.00	-0.03	-0.01		ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:46:01	DataFile Name :	019ICSB_P8042120-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82347.78	83474.25	86022.94	83948.32	2.24	ppb
Antimony	121-1	20.48	21.05	20.74	20.76	1.39	ppb
Arsenic	75-2	18.82	19.47	20.33	19.54	3.88	ppb
Barium	135-1	20.04	21.30	21.19	20.84	3.35	ppb
Barium	137-1	21.05	21.29	20.20	20.85	2.73	ppb
Beryllium	9-1	17.90	17.36	18.31	17.86	2.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	72.70	72.73	75.00	73.47	1.80	ppb
Boron	11-1	74.48	73.95	75.78	74.74	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	18.28	19.14	18.18	18.53	2.85	ppb
Cadmium	106-1	18.49	20.20	15.58	18.09	12.91	ppb
Cadmium	108-1	28.39	29.11	29.77	29.09	2.38	ppb
Calcium	43-1	94336.07	96807.41	96475.58	95873.02	1.40	ppb
Calcium	44-1	93793.33	94673.73	93854.58	94107.22	0.52	ppb
Chromium	52-2	36.03	35.82	35.74	35.86	0.42	ppb
Cobalt	59-2	20.84	20.62	20.81	20.76	0.57	ppb
Copper	63-2	27.84	26.90	27.45	27.39	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	96511.12	95825.04	95085.69	95807.29	0.74	ppb
Iron	56-2	95804.57	94419.34	95401.42	95208.45	0.75	ppb
Iron	57-2	94129.49	93509.65	93473.55	93704.23	0.39	ppb
Krypton	83-1						cps
Lead	206-1	23.65	23.93	24.11	23.90	0.96	ppb
Lead	207-1	21.84	21.87	22.16	21.96	0.79	ppb
Lead	208-1	22.59	22.83	22.86	22.76	0.66	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:46:01	DataFile Name :	019ICSB_P8042120-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	91978.33	93060.03	93146.64	92728.33	0.70	ppb
Manganese	55-2	25.58	25.38	25.50	25.49	0.38	ppb
Molybdenum	94-1	1478.75	1397.41	1381.64	1419.27	3.67	ppb
Molybdenum	95-1	1969.49	1900.37	1886.71	1918.85	2.31	ppb
Molybdenum	96-1	1908.92	1837.36	1828.16	1858.15	2.38	ppb
Molybdenum	97-1	1964.93	1917.23	1849.72	1910.63	3.03	ppb
Molybdenum	98-1	1933.71	1904.14	1861.13	1899.66	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.23	22.80	22.25	22.43	1.45	ppb
Phosphorus	31-2	92528.80	93273.12	92007.14	92603.02	0.69	ppb
Potassium	39-2	93941.53	94003.31	93606.62	93850.49	0.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	17.75	18.13	17.61	17.83	1.52	ppb
Selenium	77-2	25.30	10.25	20.52	18.69	41.17	ppb
Selenium	78-2	25.15	18.10	22.31	21.85	16.22	ppb
Silicon	28-1	61.47	77.24	70.81	69.84	11.35	ppb
Silver	109-1	18.49	18.71	17.96	18.39	2.10	ppb
Silver	107-1	18.61	18.11	18.41	18.38	1.36	ppb
Sodium	23-2	95282.82	94803.25	94837.15	94974.41	0.28	ppb
Strontium	86-1	80.63	78.56	77.38	78.85	2.09	ppb
Strontium	88-1	81.40	80.45	80.38	80.74	0.71	ppb
Sulfur	34-1	62610.91	64848.29	64846.46	64101.88	2.01	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	18.67	19.34	19.41	19.14	2.15	ppb
Thallium	205-1	19.35	19.26	19.59	19.40	0.89	ppb
Tin	118-1	48.09	48.03	48.26	48.13	0.24	ppb
Titanium	47-1	1906.47	1914.89	1940.77	1920.71	0.93	ppb
Uranium	238-1	46.71	47.24	47.24	47.07	0.65	ppb
Vanadium	51-2	18.91	18.91	19.49	19.10	1.73	ppb
Yttrium	89-1				103		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:46:01	DataFile Name :	019ICSB_P8042120-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	26.06	24.63	25.12	25.27	2.86	ppb
Zirconium	90-1	49.90	48.36	48.75	49.00	1.64	ppb
Zirconium	91-1	48.99	46.43	46.85	47.42	2.90	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52241.23	52609.92	50745.35	51865.50	1.90	ppb
Antimony	121-1	519.91	525.43	522.48	522.60	0.53	ppb
Arsenic	75-2	512.48	509.59	513.54	511.87	0.40	ppb
Barium	135-1	2534.27	2565.75	2553.80	2551.27	0.62	ppb
Barium	137-1	2559.48	2597.64	2600.78	2585.97	0.89	ppb
Beryllium	9-1	502.81	480.01	505.16	495.99	2.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	436.82	470.66	541.32	482.93	11.04	ppb
Boron	11-1	439.42	481.33	545.54	488.76	10.93	ppb
Bromine	81-1						cps
Cadmium	111-1	495.53	505.57	518.82	506.64	2.31	ppb
Cadmium	106-1	498.16	512.25	508.47	506.29	1.44	ppb
Cadmium	108-1	499.99	520.57	537.84	519.47	3.65	ppb
Calcium	43-1	252375.55	254006.82	263079.70	256487.36	2.25	ppb
Calcium	44-1	250931.45	253480.63	263019.60	255810.56	2.49	ppb
Chromium	52-2	499.95	512.29	491.81	501.35	2.06	ppb
Cobalt	59-2	533.49	536.93	521.75	530.72	1.50	ppb
Copper	63-2	5288.92	5439.47	5229.70	5319.36	2.03	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				107		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	129407.81	127482.02	122862.27	126584.04	2.66	ppb
Iron	56-2	127265.04	130014.26	126081.28	127786.86	1.58	ppb
Iron	57-2	128514.71	127288.11	123860.19	126554.33	1.91	ppb
Krypton	83-1						cps
Lead	206-1	2623.61	2681.89	2683.87	2663.12	1.29	ppb
Lead	207-1	2581.48	2673.22	2666.23	2640.31	1.93	ppb
Lead	208-1	2602.39	2651.98	2657.17	2637.18	1.15	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	252521.99	257591.92	249235.14	253116.35	1.66	ppb
Manganese	55-2	5366.22	5337.56	5187.25	5297.01	1.81	ppb
Molybdenum	94-1	2547.01	2576.70	2681.95	2601.88	2.73	ppb
Molybdenum	95-1	2581.01	2587.80	2659.18	2609.33	1.66	ppb
Molybdenum	96-1	2564.77	2604.06	2654.08	2607.64	1.72	ppb
Molybdenum	97-1	2569.62	2550.36	2637.75	2585.91	1.78	ppb
Molybdenum	98-1	2565.29	2576.92	2642.98	2595.06	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.52	515.68	492.20	504.14	2.33	ppb
Phosphorus	31-2	10129.14	10508.49	10461.39	10366.34	1.99	ppb
Potassium	39-2	125711.40	127456.47	125351.16	126173.01	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	506.06	509.08	529.35	514.83	2.46	ppb
Selenium	77-2	495.03	549.56	463.84	502.81	8.63	ppb
Selenium	78-2	508.72	524.91	522.04	518.55	1.67	ppb
Silicon	28-1	520.15	587.07	640.37	582.53	10.34	ppb
Silver	109-1	506.34	515.55	530.23	517.37	2.33	ppb
Silver	107-1	502.08	509.73	516.23	509.35	1.39	ppb
Sodium	23-2	254831.45	252295.01	246604.84	251243.77	1.68	ppb
Strontium	86-1	505.65	512.35	523.78	513.93	1.78	ppb
Strontium	88-1	516.59	516.39	531.87	521.62	1.70	ppb
Sulfur	34-1	8410.37	7637.89	9532.73	8527.00	11.17	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	520.11	525.60	529.29	525.00	0.88	ppb
Thallium	205-1	524.80	526.91	530.54	527.42	0.55	ppb
Tin	118-1	507.16	514.66	520.79	514.20	1.33	ppb
Titanium	47-1	2539.51	2542.89	2685.76	2589.39	3.22	ppb
Uranium	238-1	525.40	542.84	543.84	537.36	1.93	ppb
Vanadium	51-2	529.02	535.67	509.40	524.70	2.60	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	5380.33	5431.46	5331.47	5381.09	0.93	ppb
Zirconium	90-1	530.07	533.34	549.29	537.57	1.91	ppb
Zirconium	91-1	508.19	511.84	530.49	516.84	2.31	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:14:06	DataFile Name :	023CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.88	-1.04	2.75	-0.06		ppb
Antimony	121-1	0.00	0.02	0.00	0.01	179.36	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	33.39	ppb
Barium	135-1	0.01	0.01	-0.05	-0.01		ppb
Barium	137-1	-0.01	0.02	0.02	0.01	134.50	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	17.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	13.47	13.98	13.83	13.76	1.89	ppb
Boron	11-1	13.76	13.77	14.42	13.98	2.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.11	-0.10	-0.11		ppb
Cadmium	106-1	-6.05	-4.56	-5.17	-5.26		ppb
Cadmium	108-1	0.13	0.21	-0.03	0.10	115.22	ppb
Calcium	43-1	-31.92	-14.32	-20.42	-22.22		ppb
Calcium	44-1	-31.87	-35.57	-37.81	-35.08		ppb
Chromium	52-2	0.10	0.07	-0.19	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	433.24	ppb
Copper	63-2	0.29	0.32	0.33	0.31	6.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	-0.98	-0.53	0.09	-0.47		ppb
Iron	56-2	0.61	0.67	0.72	0.67	8.53	ppb
Iron	57-2	-2.67	-0.19	-0.77	-1.21		ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.24	0.24	6.14	ppb
Lead	207-1	0.31	0.26	0.26	0.27	10.65	ppb
Lead	208-1	0.27	0.26	0.28	0.27	2.96	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:14:06	DataFile Name :	023CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	1.29	0.46	2.97	1.57	81.19	ppb
Manganese	55-2	0.12	-0.03	-0.05	0.01	612.06	ppb
Molybdenum	94-1	0.03	-0.02	-0.04	-0.01		ppb
Molybdenum	95-1	0.05	0.00	0.01	0.02	119.44	ppb
Molybdenum	96-1	-0.01	0.02	0.00	0.00	535.01	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00		ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	54.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-64.76	-10.32	10.71	-21.46		ppb
Potassium	39-2	39.62	13.81	12.41	21.95	69.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	-1.00	0.81	0.27	0.03	3350.55	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.47	0.10	-1.91	-1.10		ppb
Silicon	28-1	-39.48	-41.29	-49.54	-43.44		ppb
Silver	109-1	0.01	0.01	0.00	0.01	130.70	ppb
Silver	107-1	0.01	0.00	0.01	0.01	74.85	ppb
Sodium	23-2	62.02	66.83	63.60	64.15	3.82	ppb
Strontium	86-1	-0.26	-0.27	-0.13	-0.22		ppb
Strontium	88-1	0.00	0.01	-0.01	0.00		ppb
Sulfur	34-1	-2009.78	-1993.28	-2096.75	-2033.27		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.03	0.04	16.92	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	5.28	ppb
Tin	118-1	-0.05	0.01	0.00	-0.01		ppb
Titanium	47-1	0.26	0.25	-0.48	0.01	4417.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	113.98	ppb
Vanadium	51-2	0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:14:06	DataFile Name :	023CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.34	0.19	0.05	0.19	75.14	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	594.67	ppb
Zirconium	91-1	0.00	-0.01	0.03	0.01	400.05	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:16:54	DataFile Name :	024LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.80	23.50	16.63	18.31	25.06	ppb
Antimony	121-1	1.86	2.05	1.90	1.94	5.13	ppb
Arsenic	75-2	1.03	1.10	1.10	1.08	4.12	ppb
Barium	135-1	10.33	10.29	10.40	10.34	0.56	ppb
Barium	137-1	9.94	10.51	10.16	10.21	2.85	ppb
Beryllium	9-1	1.00	0.94	0.96	0.97	2.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	25.41	28.51	34.72	29.55	16.04	ppb
Boron	11-1	26.13	29.62	33.84	29.87	12.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.92	0.80	0.88	8.35	ppb
Cadmium	106-1	-5.07	-5.01	-4.51	-4.86		ppb
Cadmium	108-1	0.76	1.06	1.30	1.04	26.08	ppb
Calcium	43-1	464.39	506.16	481.35	483.97	4.34	ppb
Calcium	44-1	471.67	486.08	462.88	473.54	2.47	ppb
Chromium	52-2	1.98	1.92	1.85	1.92	3.35	ppb
Cobalt	59-2	1.01	0.92	0.99	0.97	5.17	ppb
Copper	63-2	2.30	2.36	2.34	2.33	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	52.86	51.96	52.94	52.59	1.03	ppb
Iron	56-2	53.26	53.55	53.08	53.30	0.44	ppb
Iron	57-2	42.54	48.91	50.43	47.29	8.85	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.11	1.15	1.16	4.94	ppb
Lead	207-1	1.27	1.17	1.24	1.22	4.20	ppb
Lead	208-1	1.17	1.20	1.17	1.18	1.61	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:16:54	DataFile Name :	024LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	503.52	525.55	514.90	514.66	2.14	ppb
Manganese	55-2	1.04	1.05	1.11	1.07	3.76	ppb
Molybdenum	94-1	5.03	5.20	5.23	5.15	2.16	ppb
Molybdenum	95-1	4.94	5.35	5.11	5.13	3.98	ppb
Molybdenum	96-1	4.81	5.39	5.28	5.16	5.98	ppb
Molybdenum	97-1	5.12	5.08	4.76	4.99	3.94	ppb
Molybdenum	98-1	5.15	5.19	5.13	5.15	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.04	0.91	0.98	6.46	ppb
Phosphorus	31-2	95.35	79.90	86.57	87.28	8.88	ppb
Potassium	39-2	523.25	511.73	520.34	518.44	1.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	3.38	7.98	6.12	5.83	39.70	ppb
Selenium	77-2	5.00	5.00	7.54	5.85	25.06	ppb
Selenium	78-2	3.98	7.58	6.30	5.95	30.71	ppb
Silicon	28-1	-37.13	-33.72	-41.81	-37.55		ppb
Silver	109-1	1.04	1.06	1.02	1.04	1.98	ppb
Silver	107-1	1.02	1.05	1.03	1.03	1.73	ppb
Sodium	23-2	575.86	581.65	565.28	574.26	1.45	ppb
Strontium	86-1	0.84	0.83	0.79	0.82	3.26	ppb
Strontium	88-1	1.01	1.01	0.95	0.99	3.35	ppb
Sulfur	34-1	-1427.94	-1932.72	-1877.32	-1746.00		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.90	1.13	0.97	1.00	11.70	ppb
Thallium	205-1	0.99	1.00	0.98	0.99	1.38	ppb
Tin	118-1	4.96	4.85	5.15	4.99	3.06	ppb
Titanium	47-1	4.64	4.03	4.86	4.51	9.51	ppb
Uranium	238-1	0.95	0.95	0.93	0.94	1.02	ppb
Vanadium	51-2	5.32	5.29	5.22	5.28	0.92	ppb
Yttrium	89-1				103		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:16:54	DataFile Name :	024LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	2.63	2.19	2.16	2.33	11.23	ppb
Zirconium	90-1	0.97	0.87	0.96	0.93	6.21	ppb
Zirconium	91-1	0.93	0.92	0.93	0.93	0.73	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:31:00 DataFile Name : 026SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.09	0.55	4.51	2.72	73.89	ppb
Antimony	121-1	0.23	0.23	0.21	0.23	6.08	ppb
Arsenic	75-2	0.20	0.24	0.23	0.23	9.15	ppb
Barium	135-1	0.88	0.97	1.05	0.97	8.89	ppb
Barium	137-1	1.07	1.03	1.20	1.10	8.13	ppb
Beryllium	9-1	0.22	0.25	0.30	0.26	15.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	6.42	5.98	5.41	5.94	8.54	ppb
Boron	11-1	6.79	6.30	6.58	6.55	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.05	0.13	0.11	45.10	ppb
Cadmium	106-1	-4.96	-5.92	-4.68	-5.19		ppb
Cadmium	108-1	0.21	0.37	0.22	0.27	34.06	ppb
Calcium	43-1	-7.01	-2.40	1.67	-2.58		ppb
Calcium	44-1	-16.59	-25.49	-7.94	-16.67		ppb
Chromium	52-2	0.42	0.31	0.19	0.31	37.63	ppb
Cobalt	59-2	0.23	0.25	0.25	0.24	5.21	ppb
Copper	63-2	0.64	0.61	0.53	0.59	9.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	8.73	13.23	12.15	11.37	20.65	ppb
Iron	56-2	10.58	11.16	10.78	10.84	2.69	ppb
Iron	57-2	14.08	4.17	14.38	10.87	53.42	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.38	0.51	0.45	15.24	ppb
Lead	207-1	0.37	0.35	0.47	0.39	16.60	ppb
Lead	208-1	0.40	0.37	0.46	0.41	10.22	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:31:00	DataFile Name :	026SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	26.12	21.96	22.30	23.46	9.86	ppb
Manganese	55-2	0.50	0.44	0.35	0.43	17.26	ppb
Molybdenum	94-1	0.92	1.05	0.94	0.97	7.10	ppb
Molybdenum	95-1	0.93	0.96	0.79	0.89	10.00	ppb
Molybdenum	96-1	0.84	0.90	0.84	0.86	3.90	ppb
Molybdenum	97-1	0.90	0.98	0.99	0.96	5.00	ppb
Molybdenum	98-1	1.03	0.94	1.04	1.00	5.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.21	0.19	0.17	31.64	ppb
Phosphorus	31-2	-47.23	94.88	10.87	19.51	366.27	ppb
Potassium	39-2	28.10	17.62	16.06	20.59	31.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	0.25	1.66	2.69	1.53	79.75	ppb
Selenium	77-2	2.54	0.00	0.00	0.85	173.21	ppb
Selenium	78-2	2.73	5.00	4.11	3.95	28.90	ppb
Silicon	28-1	-33.13	-39.74	-28.69	-33.85		ppb
Silver	109-1	0.24	0.22	0.29	0.25	13.39	ppb
Silver	107-1	0.20	0.22	0.23	0.22	5.69	ppb
Sodium	23-2	67.44	68.42	77.73	71.19	7.98	ppb
Strontium	86-1	-0.17	0.16	0.07	0.02	782.47	ppb
Strontium	88-1	0.23	0.23	0.26	0.24	8.10	ppb
Sulfur	34-1	-953.37	-1751.89	209.87	-831.79		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.21	0.26	0.24	11.09	ppb
Thallium	205-1	0.24	0.23	0.22	0.23	4.98	ppb
Tin	118-1	0.19	0.25	0.23	0.22	13.95	ppb
Titanium	47-1	1.31	0.72	1.04	1.02	29.02	ppb
Uranium	238-1	0.22	0.19	0.21	0.21	5.97	ppb
Vanadium	51-2	0.26	0.30	0.20	0.25	19.32	ppb
Yttrium	89-1				101		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:31:00	DataFile Name :	026SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	0.45	0.39	0.78	0.54	38.55	ppb
Zirconium	90-1	0.20	0.22	0.18	0.20	11.87	ppb
Zirconium	91-1	0.14	0.14	0.18	0.16	14.45	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT2-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:34:29 DataFile Name : 027LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	16.30	20.59	19.04	12.49	ppb
Antimony	121-1	1.90	2.07	1.98	1.99	4.30	ppb
Arsenic	75-2	1.09	0.82	1.04	0.98	14.55	ppb
Barium	135-1	9.96	10.28	10.58	10.27	2.98	ppb
Barium	137-1	10.00	10.39	10.25	10.21	1.92	ppb
Beryllium	9-1	0.97	0.94	0.98	0.96	2.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	20.00	22.23	25.29	22.51	11.80	ppb
Boron	11-1	19.10	22.67	25.00	22.26	13.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	0.94	0.99	0.97	2.92	ppb
Cadmium	106-1	-0.71	-4.47	-2.72	-2.63		ppb
Cadmium	108-1	0.97	1.15	1.45	1.19	20.34	ppb
Calcium	43-1	485.95	461.68	506.67	484.77	4.64	ppb
Calcium	44-1	431.91	454.89	465.10	450.63	3.77	ppb
Chromium	52-2	1.88	2.03	1.97	1.96	3.64	ppb
Cobalt	59-2	1.07	1.08	1.04	1.06	2.08	ppb
Copper	63-2	2.19	2.22	2.24	2.21	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	54-2	51.69	55.74	52.65	53.36	3.96	ppb
Iron	56-2	52.42	54.35	51.85	52.87	2.48	ppb
Iron	57-2	54.15	56.48	58.62	56.42	3.97	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.15	1.16	1.14	2.99	ppb
Lead	207-1	1.01	1.02	1.08	1.04	3.55	ppb
Lead	208-1	1.04	1.09	1.14	1.09	4.64	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:34:29	DataFile Name :	027LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	510.90	541.40	509.22	520.51	3.48	ppb
Manganese	55-2	1.11	1.03	0.97	1.04	6.87	ppb
Molybdenum	94-1	4.97	5.35	4.72	5.01	6.28	ppb
Molybdenum	95-1	5.22	5.07	5.28	5.19	2.06	ppb
Molybdenum	96-1	5.01	5.28	5.12	5.14	2.67	ppb
Molybdenum	97-1	4.75	5.18	5.14	5.02	4.69	ppb
Molybdenum	98-1	5.24	4.92	5.24	5.14	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.96	0.84	0.97	15.01	ppb
Phosphorus	31-2	26.74	15.63	12.88	18.42	39.86	ppb
Potassium	39-2	518.69	520.85	517.23	518.92	0.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	82-1	3.35	5.56	4.46	4.46	24.77	ppb
Selenium	77-2	12.87	2.56	10.31	8.58	62.53	ppb
Selenium	78-2	10.06	4.68	7.52	7.42	36.28	ppb
Silicon	28-1	-46.37	-33.96	-40.92	-40.41		ppb
Silver	109-1	1.07	1.07	1.09	1.08	1.15	ppb
Silver	107-1	1.08	1.08	1.10	1.09	1.20	ppb
Sodium	23-2	567.76	563.49	543.44	558.23	2.33	ppb
Strontium	86-1	0.89	0.79	1.00	0.89	11.22	ppb
Strontium	88-1	0.94	1.03	1.00	0.99	4.71	ppb
Sulfur	34-1	-2754.87	-1743.51	-2211.85	-2236.74		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.97	0.92	1.04	0.98	6.40	ppb
Thallium	205-1	1.02	0.96	1.01	1.00	3.09	ppb
Tin	118-1	5.00	5.30	5.21	5.17	2.95	ppb
Titanium	47-1	4.29	5.40	5.45	5.05	13.01	ppb
Uranium	238-1	0.89	0.91	0.90	0.90	0.98	ppb
Vanadium	51-2	5.55	5.21	5.38	5.38	3.19	ppb
Yttrium	89-1				106		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:34:29	DataFile Name :	027LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	2.21	2.09	2.80	2.37	15.87	ppb
Zirconium	90-1	0.89	0.87	0.88	0.88	1.25	ppb
Zirconium	91-1	0.91	0.85	0.88	0.88	3.35	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:37:17 DataFile Name : 028SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.74	1.36	2.72	1.94	36.03	ppb
Antimony	121-1	0.25	0.21	0.23	0.23	9.45	ppb
Arsenic	75-2	0.23	0.22	0.30	0.25	17.50	ppb
Barium	135-1	1.19	1.15	1.26	1.20	4.92	ppb
Barium	137-1	1.16	1.23	1.13	1.17	4.38	ppb
Beryllium	9-1	0.21	0.27	0.24	0.24	10.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	8.46	8.00	7.09	7.85	8.85	ppb
Boron	11-1	8.31	7.49	7.03	7.61	8.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.02	0.14	0.10	66.02	ppb
Cadmium	106-1	-4.70	-7.91	-3.45	-5.35		ppb
Cadmium	108-1	0.13	0.52	0.22	0.29	70.83	ppb
Calcium	43-1	-2.71	-5.65	-5.51	-4.63		ppb
Calcium	44-1	-25.07	-17.77	-19.45	-20.76		ppb
Chromium	52-2	0.14	0.16	0.35	0.21	53.87	ppb
Cobalt	59-2	0.18	0.22	0.24	0.22	14.08	ppb
Copper	63-2	0.45	0.59	0.49	0.51	14.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	10.86	12.96	9.08	10.97	17.70	ppb
Iron	56-2	10.63	10.72	10.61	10.65	0.55	ppb
Iron	57-2	3.45	10.29	6.10	6.61	52.18	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.35	0.36	0.36	4.26	ppb
Lead	207-1	0.32	0.44	0.33	0.36	18.36	ppb
Lead	208-1	0.38	0.37	0.37	0.37	1.93	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:37:17	DataFile Name :	028SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	22.99	21.11	26.31	23.47	11.22	ppb
Manganese	55-2	0.45	0.37	0.53	0.45	18.39	ppb
Molybdenum	94-1	0.94	0.91	1.05	0.97	7.91	ppb
Molybdenum	95-1	1.01	0.97	0.91	0.96	5.61	ppb
Molybdenum	96-1	0.85	0.95	0.91	0.90	5.60	ppb
Molybdenum	97-1	0.96	1.05	0.84	0.95	10.94	ppb
Molybdenum	98-1	0.94	0.89	1.00	0.94	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.18	0.15	0.16	8.07	ppb
Phosphorus	31-2	-13.41	-63.91	-38.82	-38.71		ppb
Potassium	39-2	-11.01	17.25	36.66	14.30	167.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	0.44	1.31	2.16	1.30	66.36	ppb
Selenium	77-2	0.00	2.55	2.53	1.69	86.61	ppb
Selenium	78-2	1.69	0.70	1.80	1.40	43.35	ppb
Silicon	28-1	-45.16	-46.50	-37.79	-43.15		ppb
Silver	109-1	0.26	0.26	0.23	0.25	7.59	ppb
Silver	107-1	0.26	0.19	0.23	0.22	15.96	ppb
Sodium	23-2	74.77	69.03	60.27	68.02	10.73	ppb
Strontium	86-1	0.24	0.00	0.14	0.13	94.65	ppb
Strontium	88-1	0.24	0.27	0.24	0.25	6.20	ppb
Sulfur	34-1	-2440.91	-1536.25	-614.85	-1530.67		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.21	0.24	0.27	0.24	12.52	ppb
Thallium	205-1	0.24	0.27	0.24	0.25	6.22	ppb
Tin	118-1	0.20	0.23	0.16	0.20	17.01	ppb
Titanium	47-1	0.80	0.62	0.98	0.80	22.35	ppb
Uranium	238-1	0.23	0.20	0.21	0.21	8.21	ppb
Vanadium	51-2	0.22	0.25	0.26	0.24	9.38	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:37:17	DataFile Name :	028SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	0.51	0.18	0.27	0.32	52.67	ppb
Zirconium	90-1	0.21	0.17	0.24	0.21	16.93	ppb
Zirconium	91-1	0.25	0.19	0.26	0.23	17.33	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:40:07 DataFile Name : 029LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.12	17.92	26.36	21.80	19.54	ppb
Antimony	121-1	1.94	2.01	1.90	1.95	2.95	ppb
Arsenic	75-2	0.91	0.76	0.96	0.88	11.44	ppb
Barium	135-1	9.65	10.45	9.52	9.87	5.15	ppb
Barium	137-1	10.40	10.03	10.18	10.20	1.82	ppb
Beryllium	9-1	1.01	1.02	0.94	0.99	4.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	19.27	24.69	24.86	22.94	13.86	ppb
Boron	11-1	19.97	23.46	25.67	23.04	12.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.90	0.78	0.86	8.03	ppb
Cadmium	106-1	-2.48	-2.97	-4.42	-3.29		ppb
Cadmium	108-1	0.68	0.92	1.30	0.97	32.14	ppb
Calcium	43-1	442.16	513.47	491.80	482.48	7.58	ppb
Calcium	44-1	465.25	473.51	473.72	470.83	1.03	ppb
Chromium	52-2	1.84	1.95	1.50	1.76	13.18	ppb
Cobalt	59-2	1.10	1.06	0.92	1.03	8.95	ppb
Copper	63-2	2.22	2.31	2.17	2.23	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	55.89	52.63	48.45	52.33	7.13	ppb
Iron	56-2	53.71	54.00	52.38	53.36	1.62	ppb
Iron	57-2	49.13	41.61	49.12	46.62	9.30	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.18	1.16	1.16	1.41	ppb
Lead	207-1	1.18	1.10	1.17	1.15	3.70	ppb
Lead	208-1	1.16	1.18	1.16	1.17	1.28	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:40:07	DataFile Name :	029LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	523.23	515.89	511.70	516.94	1.13	ppb
Manganese	55-2	0.81	1.09	0.96	0.95	14.84	ppb
Molybdenum	94-1	5.15	5.25	5.10	5.17	1.45	ppb
Molybdenum	95-1	5.31	5.12	5.14	5.19	1.94	ppb
Molybdenum	96-1	5.29	5.09	5.04	5.14	2.66	ppb
Molybdenum	97-1	5.09	4.95	5.42	5.15	4.72	ppb
Molybdenum	98-1	5.43	4.94	5.28	5.22	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.14	0.87	1.04	13.94	ppb
Phosphorus	31-2	-22.81	44.23	24.61	15.34	224.67	ppb
Potassium	39-2	524.03	531.64	501.28	518.98	3.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	5.61	4.90	6.33	5.61	12.73	ppb
Selenium	77-2	14.66	4.86	4.91	8.15	69.29	ppb
Selenium	78-2	4.22	6.37	2.49	4.36	44.62	ppb
Silicon	28-1	-37.54	-29.84	-31.60	-33.00		ppb
Silver	109-1	1.03	1.07	1.05	1.05	1.82	ppb
Silver	107-1	1.10	1.11	1.03	1.08	3.77	ppb
Sodium	23-2	533.99	556.67	552.84	547.83	2.22	ppb
Strontium	86-1	0.72	0.74	0.78	0.75	4.42	ppb
Strontium	88-1	1.02	0.99	1.10	1.04	5.15	ppb
Sulfur	34-1	-1578.64	-644.56	-2298.10	-1507.10		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.99	0.92	0.95	3.68	ppb
Thallium	205-1	1.00	0.91	0.96	0.96	4.30	ppb
Tin	118-1	5.23	5.13	4.99	5.12	2.32	ppb
Titanium	47-1	4.64	4.87	5.61	5.04	10.07	ppb
Uranium	238-1	0.96	0.95	0.93	0.95	1.67	ppb
Vanadium	51-2	5.11	5.21	4.85	5.06	3.67	ppb
Yttrium	89-1				103		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:40:07	DataFile Name :	029LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.81	1.87	1.80	1.83	2.20	ppb
Zirconium	90-1	0.94	0.89	0.97	0.93	4.63	ppb
Zirconium	91-1	1.04	0.81	0.90	0.92	12.86	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:42:55 DataFile Name : 030SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	0.90	5.08	2.93	71.41	ppb
Antimony	121-1	0.23	0.21	0.24	0.23	6.12	ppb
Arsenic	75-2	0.31	0.27	0.34	0.31	11.88	ppb
Barium	135-1	1.30	1.09	0.98	1.13	14.48	ppb
Barium	137-1	0.92	1.21	1.14	1.09	14.00	ppb
Beryllium	9-1	0.22	0.24	0.22	0.23	4.23	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	8.02	7.32	6.92	7.42	7.51	ppb
Boron	11-1	8.08	7.56	7.59	7.75	3.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.14	0.12	0.13	5.85	ppb
Cadmium	106-1	-5.54	-3.53	-5.12	-4.73		ppb
Cadmium	108-1	0.05	0.13	0.13	0.10	43.24	ppb
Calcium	43-1	2.81	4.80	-11.99	-1.46		ppb
Calcium	44-1	-23.41	-15.96	-16.89	-18.75		ppb
Chromium	52-2	0.26	0.17	0.39	0.27	38.66	ppb
Cobalt	59-2	0.22	0.21	0.24	0.22	5.86	ppb
Copper	63-2	0.41	0.70	0.62	0.58	25.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	54-2	11.49	9.15	12.70	11.11	16.26	ppb
Iron	56-2	10.85	11.34	11.66	11.28	3.60	ppb
Iron	57-2	8.73	11.06	9.20	9.66	12.77	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.38	0.43	0.41	8.19	ppb
Lead	207-1	0.42	0.40	0.33	0.38	12.72	ppb
Lead	208-1	0.39	0.35	0.38	0.37	6.36	ppb

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:42:55 DataFile Name : 030SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	21.98	26.77	28.87	25.87	13.65	ppb
Manganese	55-2	0.34	0.52	0.45	0.44	19.84	ppb
Molybdenum	94-1	0.97	0.96	0.88	0.94	5.25	ppb
Molybdenum	95-1	0.92	0.88	0.96	0.92	4.45	ppb
Molybdenum	96-1	1.01	0.85	0.83	0.90	10.93	ppb
Molybdenum	97-1	1.02	0.89	0.94	0.95	6.69	ppb
Molybdenum	98-1	0.92	0.96	0.91	0.93	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.09	0.10	0.09	7.38	ppb
Phosphorus	31-2	-13.93	-2.52	51.30	11.62	299.84	ppb
Potassium	39-2	16.19	49.13	32.08	32.47	50.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	82-1	1.16	1.13	1.78	1.36	26.89	ppb
Selenium	77-2	0.00	5.35	0.00	1.78	173.21	ppb
Selenium	78-2	2.87	2.17	4.92	3.32	43.13	ppb
Silicon	28-1	-34.77	-32.10	-35.37	-34.08		ppb
Silver	109-1	0.21	0.22	0.21	0.21	3.44	ppb
Silver	107-1	0.23	0.20	0.26	0.23	11.64	ppb
Sodium	23-2	63.34	91.69	77.50	77.51	18.29	ppb
Strontium	86-1	0.05	0.06	0.10	0.07	39.67	ppb
Strontium	88-1	0.26	0.27	0.19	0.24	16.80	ppb
Sulfur	34-1	-1441.97	-345.36	-295.82	-694.38		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.25	0.23	0.22	11.21	ppb
Thallium	205-1	0.20	0.31	0.26	0.26	20.49	ppb
Tin	118-1	0.22	0.26	0.22	0.23	10.13	ppb
Titanium	47-1	0.60	0.93	0.73	0.75	21.67	ppb
Uranium	238-1	0.23	0.21	0.20	0.21	5.79	ppb
Vanadium	51-2	0.30	0.24	0.28	0.27	10.78	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:42:55	DataFile Name :	030SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	0.69	0.18	0.43	0.43	58.93	ppb
Zirconium	90-1	0.19	0.25	0.21	0.21	14.97	ppb
Zirconium	91-1	0.25	0.14	0.26	0.22	29.95	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:45:45	DataFile Name :	031LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.73	19.36	18.43	18.51	4.42	ppb
Antimony	121-1	1.94	1.97	1.87	1.93	2.69	ppb
Arsenic	75-2	1.00	1.08	0.96	1.01	6.26	ppb
Barium	135-1	10.09	10.67	10.12	10.29	3.17	ppb
Barium	137-1	10.63	10.77	9.99	10.46	4.00	ppb
Beryllium	9-1	0.97	1.00	0.99	0.99	1.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	17.99	23.94	28.88	23.60	23.10	ppb
Boron	11-1	18.84	23.77	25.76	22.79	15.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.98	0.84	0.90	7.80	ppb
Cadmium	106-1	-4.54	-3.05	-3.44	-3.68		ppb
Cadmium	108-1	1.12	1.28	1.41	1.27	11.49	ppb
Calcium	43-1	491.31	442.53	467.17	467.00	5.22	ppb
Calcium	44-1	462.53	468.00	475.51	468.68	1.39	ppb
Chromium	52-2	1.92	1.93	1.92	1.92	0.31	ppb
Cobalt	59-2	1.03	1.04	1.01	1.03	1.58	ppb
Copper	63-2	2.17	2.14	2.15	2.15	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	54-2	48.60	50.30	47.00	48.63	3.39	ppb
Iron	56-2	52.30	53.26	52.18	52.58	1.12	ppb
Iron	57-2	43.05	48.15	58.44	49.88	15.72	ppb
Krypton	83-1						cps
Lead	206-1	1.21	1.10	1.10	1.14	5.95	ppb
Lead	207-1	1.18	1.05	1.13	1.12	5.90	ppb
Lead	208-1	1.13	1.12	1.10	1.12	1.77	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:45:45	DataFile Name :	031LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	539.74	557.29	525.50	540.84	2.94	ppb
Manganese	55-2	1.09	1.12	0.95	1.05	8.60	ppb
Molybdenum	94-1	5.20	5.40	5.16	5.25	2.50	ppb
Molybdenum	95-1	5.57	5.36	5.29	5.41	2.70	ppb
Molybdenum	96-1	5.11	5.42	5.28	5.27	2.94	ppb
Molybdenum	97-1	5.05	5.43	5.04	5.18	4.33	ppb
Molybdenum	98-1	5.45	5.48	5.44	5.46	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.09	1.09	1.08	1.93	ppb
Phosphorus	31-2	17.39	2.74	81.33	33.82	123.56	ppb
Potassium	39-2	511.11	521.16	542.00	524.76	3.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1	7.84	7.35	1.90	5.70	57.86	ppb
Selenium	77-2	9.85	4.99	2.50	5.78	64.63	ppb
Selenium	78-2	6.52	4.86	6.26	5.88	15.22	ppb
Silicon	28-1	-40.44	-36.24	-36.32	-37.66		ppb
Silver	109-1	1.13	1.02	1.00	1.05	6.44	ppb
Silver	107-1	1.01	1.12	1.10	1.07	5.45	ppb
Sodium	23-2	548.89	556.43	569.59	558.31	1.88	ppb
Strontium	86-1	0.80	0.81	0.94	0.85	9.42	ppb
Strontium	88-1	0.96	1.04	1.05	1.02	5.12	ppb
Sulfur	34-1	-1410.89	-1716.29	-1038.53	-1388.57		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.96	1.08	0.97	1.00	6.47	ppb
Thallium	205-1	0.97	1.01	1.03	1.00	3.52	ppb
Tin	118-1	5.26	5.14	4.90	5.10	3.65	ppb
Titanium	47-1	4.05	4.79	4.88	4.58	9.98	ppb
Uranium	238-1	0.99	1.00	0.97	0.99	1.71	ppb
Vanadium	51-2	5.18	5.12	5.16	5.15	0.55	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:45:45	DataFile Name :	031LLCC_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	2.48	2.76	2.50	2.58	6.08	ppb
Zirconium	90-1	0.96	1.00	1.00	0.99	2.78	ppb
Zirconium	91-1	0.98	0.93	0.91	0.94	4.03	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.52	-0.66	-1.96	-1.38		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	-0.02	0.02	-0.05	-0.01		ppb
Barium	137-1	0.03	-0.01	-0.02	0.00		ppb
Beryllium	9-1	0.01	0.06	0.03	0.03	77.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	3.55	2.63	2.14	2.77	25.91	ppb
Boron	11-1	2.64	2.63	2.63	2.63	0.33	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	-0.10	-0.08		ppb
Cadmium	106-1	-3.96	-4.16	-4.01	-4.04		ppb
Cadmium	108-1	-0.03	0.05	0.13	0.05	148.28	ppb
Calcium	43-1	-4.21	-18.96	-20.55	-14.57		ppb
Calcium	44-1	-40.70	-42.20	-43.77	-42.22		ppb
Chromium	52-2	0.05	-0.10	0.09	0.01	740.63	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.10	0.06	0.06	0.07	33.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	54-2	2.03	-1.44	-1.24	-0.22		ppb
Iron	56-2	0.26	0.00	-0.27	0.00		ppb
Iron	57-2	-0.59	-1.12	-2.56	-1.42		ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.10	0.10	0.12	33.73	ppb
Lead	207-1	0.10	0.16	0.14	0.13	22.66	ppb
Lead	208-1	0.11	0.13	0.13	0.12	9.57	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	0.48	0.20	-0.49	0.06	790.35	ppb
Manganese	55-2	0.04	0.02	-0.05	0.00	1555.41	ppb
Molybdenum	94-1	-0.02	0.03	0.00	0.00	558.51	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	59.17	ppb
Molybdenum	96-1	-0.04	-0.01	0.02	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.12	-0.07	-0.08		ppb
Phosphorus	31-2	-9.63	-47.26	-36.01	-30.97		ppb
Potassium	39-2	27.57	10.64	56.71	31.64	73.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	82-1	0.28	-1.74	-0.75	-0.74		ppb
Selenium	77-2	0.00	2.54	2.53	1.69	86.60	ppb
Selenium	78-2	-0.82	2.30	-1.41	0.02	9350.34	ppb
Silicon	28-1	-38.17	-43.01	-43.73	-41.64		ppb
Silver	109-1	0.00	0.00	0.00	0.00	183.62	ppb
Silver	107-1	0.01	0.00	0.00	0.00	285.49	ppb
Sodium	23-2	42.21	40.31	36.61	39.71	7.17	ppb
Strontium	86-1	-0.20	0.07	-0.16	-0.09		ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-624.81	-1023.89	-1456.67	-1035.12		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.68	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	23.72	ppb
Tin	118-1	-0.05	-0.03	-0.03	-0.04		ppb
Titanium	47-1	0.13	0.23	0.15	0.17	30.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	173.21	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	180.18	ppb
Yttrium	89-1				101		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-0.12	-0.09	-0.18	-0.13		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	62.53	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.51	-0.28	-1.56	-1.45		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	68.44	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	31.68	ppb
Barium	135-1	-0.02	-0.01	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.00	0.02	0.02	128.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	2.52	2.67	1.66	2.29	23.89	ppb
Boron	11-1	2.40	2.32	2.38	2.37	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.08	-0.18	-0.11		ppb
Cadmium	106-1	-3.62	-3.16	-8.02	-4.93		ppb
Cadmium	108-1	0.05	0.21	0.13	0.13	61.19	ppb
Calcium	43-1	-22.27	-29.17	-24.98	-25.47		ppb
Calcium	44-1	-47.20	-46.22	-47.81	-47.08		ppb
Chromium	52-2	0.22	0.06	0.02	0.10	104.66	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	310.75	ppb
Copper	63-2	0.09	0.05	0.09	0.08	28.60	ppb
Dysprosium	156-1						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				104		%
Indium	115-2				98		%
Iron	54-2	-2.10	-1.40	-2.97	-2.16		ppb
Iron	56-2	-0.01	0.56	0.01	0.19	173.47	ppb
Iron	57-2	-2.71	-4.20	-1.60	-2.83		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.16	0.14	0.13	30.64	ppb
Lead	207-1	0.10	0.13	0.12	0.12	12.87	ppb
Lead	208-1	0.12	0.13	0.13	0.13	2.92	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1.25	-0.21	-0.59	0.15	650.40	ppb
Manganese	55-2	-0.04	0.01	-0.04	-0.02		ppb
Molybdenum	94-1	-0.03	-0.05	0.02	-0.02		ppb
Molybdenum	95-1	0.03	-0.01	0.00	0.01	326.03	ppb
Molybdenum	96-1	-0.05	0.01	-0.04	-0.03		ppb
Molybdenum	97-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.06	-0.04		ppb
Phosphorus	31-2	83.19	25.44	-49.41	19.74	336.82	ppb
Potassium	39-2	-12.98	21.72	15.23	7.99	230.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.79	-0.12	-0.70	-0.01		ppb
Selenium	77-2	2.51	0.00	2.49	1.67	86.61	ppb
Selenium	78-2	-0.30	1.62	1.69	1.00	112.43	ppb
Silicon	28-1	-42.25	-44.09	-45.25	-43.86		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	188.44	ppb
Sodium	23-2	26.48	30.49	32.04	29.67	9.67	ppb
Strontium	86-1	-0.06	0.07	-0.12	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-634.35	-1125.40	-946.66	-902.14		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.01	0.02	38.01	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	53.91	ppb
Tin	118-1	-0.03	-0.02	-0.06	-0.04		ppb
Titanium	47-1	0.16	0.15	-0.11	0.07	222.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.18	0.12	-0.15	-0.07		ppb
Zirconium	90-1	0.00	0.02	0.00	0.00	212.32	ppb
Zirconium	91-1	0.04	0.03	0.00	0.02	112.79	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9571.48	9479.96	9315.78	9455.74	1.37	ppb
Antimony	121-1	486.10	492.58	498.34	492.34	1.24	ppb
Arsenic	75-2	495.20	493.15	493.01	493.79	0.25	ppb
Barium	135-1	2396.51	2444.83	2518.96	2453.44	2.51	ppb
Barium	137-1	2450.44	2473.76	2514.15	2479.45	1.30	ppb
Beryllium	9-1	476.65	492.54	491.78	486.99	1.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	321.64	401.26	469.35	397.42	18.60	ppb
Boron	11-1	324.67	407.27	468.66	400.20	18.05	ppb
Bromine	81-1						cps
Cadmium	111-1	478.34	482.10	494.17	484.87	1.71	ppb
Cadmium	106-1	459.57	481.69	496.62	479.29	3.89	ppb
Cadmium	108-1	469.94	488.46	506.19	488.20	3.71	ppb
Calcium	43-1	50572.09	50729.90	52999.93	51433.97	2.64	ppb
Calcium	44-1	50127.70	49328.31	51192.54	50216.19	1.86	ppb
Chromium	52-2	464.25	466.16	461.68	464.03	0.48	ppb
Cobalt	59-2	494.22	494.87	492.24	493.78	0.28	ppb
Copper	63-2	4999.23	5014.89	4998.24	5004.12	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				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	25155.50	24980.93	24726.14	24954.19	0.87	ppb
Iron	56-2	25098.51	24469.18	24520.88	24696.19	1.41	ppb
Iron	57-2	24380.85	24393.94	24239.99	24338.26	0.35	ppb
Krypton	83-1						cps
Lead	206-1	2415.32	2513.43	2528.39	2485.72	2.47	ppb
Lead	207-1	2391.45	2493.09	2516.31	2466.95	2.69	ppb
Lead	208-1	2388.93	2492.58	2508.99	2463.50	2.64	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	52196.69	50986.61	50649.74	51277.68	1.59	ppb
Manganese	55-2	4928.76	5001.99	4976.29	4969.01	0.75	ppb
Molybdenum	94-1	2437.92	2433.43	2544.85	2472.07	2.55	ppb
Molybdenum	95-1	2454.86	2465.65	2546.35	2488.96	2.01	ppb
Molybdenum	96-1	2456.39	2416.20	2554.13	2475.57	2.87	ppb
Molybdenum	97-1	2490.08	2427.91	2530.88	2482.96	2.09	ppb
Molybdenum	98-1	2487.30	2399.47	2535.13	2473.97	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.19	461.17	460.64	463.33	0.91	ppb
Phosphorus	31-2	10294.77	9991.61	9275.39	9853.92	5.31	ppb
Potassium	39-2	24609.96	24690.84	24427.81	24576.20	0.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	82-1	491.61	479.48	504.35	491.82	2.53	ppb
Selenium	77-2	468.17	425.87	508.14	467.40	8.80	ppb
Selenium	78-2	494.64	517.76	504.38	505.59	2.30	ppb
Silicon	28-1	457.41	471.88	485.30	471.53	2.96	ppb
Silver	109-1	484.86	488.38	493.37	488.87	0.88	ppb
Silver	107-1	467.21	488.34	496.92	484.16	3.16	ppb
Sodium	23-2	49439.44	49378.24	48699.55	49172.41	0.84	ppb
Strontium	86-1	487.71	477.58	502.55	489.28	2.57	ppb
Strontium	88-1	495.01	496.65	515.85	502.50	2.31	ppb
Sulfur	34-1	9401.11	8081.09	8978.09	8820.10	7.64	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	481.15	488.43	501.66	490.41	2.12	ppb
Thallium	205-1	472.23	496.41	506.93	491.86	3.62	ppb
Tin	118-1	483.91	489.18	503.32	492.14	2.04	ppb
Titanium	47-1	2461.70	2426.89	2513.03	2467.21	1.76	ppb
Uranium	238-1	490.11	497.88	508.09	498.70	1.81	ppb
Vanadium	51-2	494.84	488.52	488.58	490.65	0.74	ppb
Yttrium	89-1				105		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	4881.54	4859.40	4874.80	4871.92	0.23	ppb
Zirconium	90-1	502.49	489.74	522.93	505.05	3.31	ppb
Zirconium	91-1	481.81	485.31	502.78	489.97	2.29	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51146.03	51623.14	51556.35	51441.84	0.50	ppb
Antimony	121-1	523.66	532.13	512.12	522.64	1.92	ppb
Arsenic	75-2	505.36	508.82	512.93	509.04	0.75	ppb
Barium	135-1	2598.25	2587.07	2514.57	2566.63	1.77	ppb
Barium	137-1	2615.25	2653.24	2567.61	2612.03	1.64	ppb
Beryllium	9-1	542.39	562.95	527.63	544.32	3.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	496.86	595.51	597.62	563.33	10.22	ppb
Boron	11-1	500.17	584.17	591.72	558.69	9.10	ppb
Bromine	81-1						cps
Cadmium	111-1	508.58	514.96	498.63	507.39	1.62	ppb
Cadmium	106-1	519.24	510.06	507.11	512.14	1.24	ppb
Cadmium	108-1	506.93	502.87	503.45	504.42	0.44	ppb
Calcium	43-1	248199.87	256527.78	243966.06	249564.57	2.56	ppb
Calcium	44-1	247283.29	257077.07	245547.91	249969.42	2.49	ppb
Chromium	52-2	496.83	500.83	490.87	496.18	1.01	ppb
Cobalt	59-2	515.73	529.06	522.98	522.59	1.28	ppb
Copper	63-2	5140.82	5278.77	5220.52	5213.37	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	123866.43	126538.58	125367.94	125257.65	1.07	ppb
Iron	56-2	125667.28	127124.86	124957.35	125916.50	0.88	ppb
Iron	57-2	125293.97	129016.71	125450.90	126587.19	1.66	ppb
Krypton	83-1						cps
Lead	206-1	2641.28	2682.82	2532.35	2618.82	2.97	ppb
Lead	207-1	2629.88	2659.22	2558.72	2615.94	1.98	ppb
Lead	208-1	2636.77	2661.73	2542.03	2613.51	2.42	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	253306.57	250328.28	251284.42	251639.76	0.60	ppb
Manganese	55-2	5174.02	5230.35	5147.70	5184.02	0.81	ppb
Molybdenum	94-1	2719.18	2573.76	2594.40	2629.11	2.99	ppb
Molybdenum	95-1	2689.79	2602.29	2589.20	2627.09	2.08	ppb
Molybdenum	96-1	2651.85	2617.40	2621.28	2630.17	0.72	ppb
Molybdenum	97-1	2670.33	2597.56	2574.28	2614.05	1.92	ppb
Molybdenum	98-1	2638.32	2592.50	2592.56	2607.79	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.91	495.53	493.47	492.97	0.58	ppb
Phosphorus	31-2	9979.00	10356.88	10412.27	10249.39	2.30	ppb
Potassium	39-2	124032.64	126356.39	125731.48	125373.50	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	525.24	507.93	500.92	511.36	2.45	ppb
Selenium	77-2	493.34	564.79	466.61	508.25	9.99	ppb
Selenium	78-2	510.78	532.12	507.40	516.77	2.59	ppb
Silicon	28-1	534.00	605.28	604.56	581.28	7.04	ppb
Silver	109-1	518.17	528.67	505.23	517.36	2.27	ppb
Silver	107-1	516.86	517.87	498.87	511.20	2.09	ppb
Sodium	23-2	252305.88	252415.83	249374.33	251365.35	0.69	ppb
Strontium	86-1	523.01	515.00	502.18	513.40	2.05	ppb
Strontium	88-1	533.45	521.18	512.24	522.29	2.04	ppb
Sulfur	34-1	7527.08	9500.34	7948.93	8325.45	12.48	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	522.87	522.32	506.59	517.26	1.79	ppb
Thallium	205-1	532.37	534.67	502.18	523.07	3.47	ppb
Tin	118-1	513.07	516.36	504.50	511.31	1.20	ppb
Titanium	47-1	2546.79	2617.58	2543.37	2569.25	1.63	ppb
Uranium	238-1	526.91	541.82	524.27	531.00	1.78	ppb
Vanadium	51-2	506.78	514.99	515.48	512.42	0.95	ppb
Yttrium	89-1				103		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	5217.42	5337.38	5305.50	5286.77	1.18	ppb
Zirconium	90-1	549.79	532.01	531.08	537.63	1.96	ppb
Zirconium	91-1	527.68	516.03	518.04	520.58	1.20	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	-1.67	-1.17	-0.79		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	53.53	ppb
Arsenic	75-2	0.04	0.04	0.00	0.03	80.21	ppb
Barium	135-1	0.00	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.04	0.07	0.06	0.06	19.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	25.39	24.53	22.50	24.14	6.14	ppb
Boron	11-1	25.03	24.50	23.96	24.50	2.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.12	-0.16	-0.13		ppb
Cadmium	106-1	-4.73	-5.83	-7.49	-6.02		ppb
Cadmium	108-1	0.22	0.13	-0.03	0.11	113.68	ppb
Calcium	43-1	-22.85	-8.85	-23.13	-18.28		ppb
Calcium	44-1	-40.22	-37.26	-38.47	-38.65		ppb
Chromium	52-2	0.07	0.15	0.13	0.12	36.71	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	124.45	ppb
Copper	63-2	0.51	0.45	0.29	0.42	27.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	0.27	0.85	1.68	0.93	75.64	ppb
Iron	56-2	0.54	0.29	1.22	0.68	70.62	ppb
Iron	57-2	-2.13	-0.94	-2.41	-1.83		ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.31	0.27	0.31	10.17	ppb
Lead	207-1	0.36	0.32	0.33	0.33	6.10	ppb
Lead	208-1	0.32	0.30	0.29	0.30	5.21	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	1.83	1.27	1.38	1.49	20.04	ppb
Manganese	55-2	0.04	-0.04	0.05	0.02	293.41	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	15.83	ppb
Molybdenum	95-1	0.05	0.06	0.01	0.04	64.86	ppb
Molybdenum	96-1	0.03	-0.01	-0.04	-0.01		ppb
Molybdenum	97-1	0.07	0.06	0.04	0.06	27.03	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	30.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	0.07	0.01	1117.56	ppb
Phosphorus	31-2	16.90	17.44	13.13	15.82	14.85	ppb
Potassium	39-2	42.49	45.17	48.63	45.43	6.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	0.63	-0.35	-1.62	-0.45		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.85	1.24	1.91	1.67	22.34	ppb
Silicon	28-1	-28.45	-24.08	-34.54	-29.02		ppb
Silver	109-1	0.01	0.01	0.00	0.01	43.68	ppb
Silver	107-1	0.00	0.00	0.01	0.01	124.61	ppb
Sodium	23-2	61.55	74.29	69.58	68.47	9.41	ppb
Strontium	86-1	0.04	-0.33	-0.20	-0.16		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1218.38	-1117.23	-1521.62	-1285.75		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.11	0.12	0.10	15.73	ppb
Thallium	205-1	0.09	0.08	0.09	0.08	7.69	ppb
Tin	118-1	-0.02	-0.04	-0.01	-0.03		ppb
Titanium	47-1	0.13	-0.09	-0.21	-0.06		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	107.34	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	123.42	ppb
Yttrium	89-1				98		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	0.08	-0.13	0.02	-0.01		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.15	ppb
Zirconium	91-1	-0.02	-0.03	-0.02	-0.02		ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.10	0.01	-4.04	-1.71		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	62.13	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	81.74	ppb
Barium	135-1	0.00	-0.01	-0.03	-0.01		ppb
Barium	137-1	-0.03	0.00	-0.03	-0.02		ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	23.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	17.80	18.14	18.40	18.11	1.67	ppb
Boron	11-1	18.19	16.66	17.43	17.43	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.11	-0.09	-0.11		ppb
Cadmium	106-1	-6.90	-4.54	-5.36	-5.60		ppb
Cadmium	108-1	0.14	0.37	-0.03	0.16	124.42	ppb
Calcium	43-1	-14.62	-28.14	-4.58	-15.78		ppb
Calcium	44-1	-39.40	-37.18	-35.54	-37.37		ppb
Chromium	52-2	-0.03	-0.05	0.14	0.02	457.05	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.25	0.28	0.18	0.23	22.61	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				102		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	-0.82	-1.07	-1.54	-1.14		ppb
Iron	56-2	0.14	-0.19	0.08	0.01	2188.45	ppb
Iron	57-2	-2.53	-2.48	-2.13	-2.38		ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.27	0.22	0.26	13.08	ppb
Lead	207-1	0.20	0.24	0.29	0.24	18.11	ppb
Lead	208-1	0.24	0.25	0.27	0.25	5.40	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	1.44	-0.25	2.98	1.39	115.90	ppb
Manganese	55-2	0.01	-0.03	0.07	0.02	315.15	ppb
Molybdenum	94-1	0.03	-0.04	0.03	0.01	567.89	ppb
Molybdenum	95-1	0.04	0.00	0.02	0.02	116.66	ppb
Molybdenum	96-1	0.03	0.00	-0.01	0.01	290.75	ppb
Molybdenum	97-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	44.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.05	-0.06		ppb
Phosphorus	31-2	7.96	-68.40	-43.69	-34.71		ppb
Potassium	39-2	18.74	28.39	20.44	22.53	22.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	-1.33	-1.71	-0.08	-1.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.90	1.75	1.08	1.24	36.06	ppb
Silicon	28-1	-28.83	-37.93	-27.70	-31.49		ppb
Silver	109-1	0.01	0.01	0.00	0.01	115.11	ppb
Silver	107-1	0.00	0.00	0.01	0.00	225.37	ppb
Sodium	23-2	63.41	49.38	54.39	55.73	12.76	ppb
Strontium	86-1	-0.15	-0.18	-0.34	-0.22		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-947.00	-1764.36	-811.41	-1174.26		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.04	0.02	0.03	33.39	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	15.30	ppb
Tin	118-1	-0.01	-0.02	0.00	-0.01		ppb
Titanium	47-1	-0.29	-0.18	-0.10	-0.19		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.68	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	265.13	ppb
Yttrium	89-1				99		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	-0.07	0.02	-0.02	-0.02		ppb
Zirconium	90-1	0.03	0.00	0.05	0.03	91.77	ppb
Zirconium	91-1	0.02	0.04	-0.02	0.01	206.98	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BS	Instrumnet Name :	P8
Client Sample ID :	PB128433BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:23:06	DataFile Name :	038LCSS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9499.06	9504.75	9520.54	9508.12	0.12	ppb
Antimony	121-1	482.44	498.25	486.78	489.16	1.67	ppb
Arsenic	75-2	498.89	489.90	498.70	495.83	1.04	ppb
Barium	135-1	2429.98	2493.84	2443.15	2455.65	1.37	ppb
Barium	137-1	2399.56	2517.05	2503.25	2473.29	2.60	ppb
Beryllium	9-1	488.09	487.80	485.12	487.00	0.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	336.86	403.19	454.22	398.09	14.78	ppb
Boron	11-1	336.41	404.83	454.20	398.48	14.84	ppb
Bromine	81-1						cps
Cadmium	111-1	473.87	494.33	481.24	483.15	2.14	ppb
Cadmium	106-1	479.88	504.80	470.60	485.09	3.65	ppb
Cadmium	108-1	470.79	489.57	495.73	485.36	2.68	ppb
Calcium	43-1	50391.57	51917.31	50098.37	50802.42	1.92	ppb
Calcium	44-1	49614.30	50317.40	50137.73	50023.14	0.73	ppb
Chromium	52-2	471.29	467.64	476.01	471.65	0.89	ppb
Cobalt	59-2	502.10	495.55	499.43	499.03	0.66	ppb
Copper	63-2	5084.54	4933.38	5081.44	5033.12	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	25144.07	25011.72	25253.53	25136.44	0.48	ppb
Iron	56-2	25292.38	24916.95	25155.97	25121.76	0.76	ppb
Iron	57-2	24833.62	24209.25	24968.00	24670.29	1.64	ppb
Krypton	83-1						cps
Lead	206-1	2445.66	2517.31	2469.00	2477.32	1.48	ppb
Lead	207-1	2438.95	2457.27	2468.37	2454.86	0.61	ppb
Lead	208-1	2411.50	2467.62	2464.72	2447.95	1.29	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BS	Instrumnet Name :	P8
Client Sample ID :	PB128433BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:23:06	DataFile Name :	038LCSS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	51636.40	51179.79	51026.82	51281.00	0.62	ppb
Manganese	55-2	5165.90	5026.11	5060.30	5084.10	1.43	ppb
Molybdenum	94-1	2478.34	2456.99	2443.79	2459.71	0.71	ppb
Molybdenum	95-1	2471.20	2441.25	2468.48	2460.31	0.67	ppb
Molybdenum	96-1	2457.48	2450.56	2427.49	2445.18	0.64	ppb
Molybdenum	97-1	2432.32	2543.46	2455.70	2477.16	2.37	ppb
Molybdenum	98-1	2390.83	2443.94	2485.94	2440.24	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.50	467.20	472.62	467.77	0.98	ppb
Phosphorus	31-2	9737.36	9271.97	9702.88	9570.74	2.71	ppb
Potassium	39-2	25007.96	24458.96	24816.54	24761.15	1.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	481.28	482.16	487.24	483.56	0.67	ppb
Selenium	77-2	490.71	514.26	547.79	517.59	5.54	ppb
Selenium	78-2	497.92	482.55	498.58	493.02	1.84	ppb
Silicon	28-1	462.10	495.23	471.78	476.37	3.58	ppb
Silver	109-1	483.25	496.82	486.96	489.01	1.43	ppb
Silver	107-1	474.03	491.67	476.09	480.60	2.01	ppb
Sodium	23-2	49255.98	50312.72	49591.38	49720.03	1.09	ppb
Strontium	86-1	480.02	483.83	488.26	484.04	0.85	ppb
Strontium	88-1	496.50	489.89	493.71	493.37	0.67	ppb
Sulfur	34-1	7945.19	9499.87	7271.62	8238.89	13.87	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	479.06	491.10	495.47	488.54	1.74	ppb
Thallium	205-1	481.08	499.30	498.26	492.88	2.08	ppb
Tin	118-1	486.07	500.16	492.76	492.99	1.43	ppb
Titanium	47-1	2428.53	2462.34	2451.85	2447.57	0.71	ppb
Uranium	238-1	492.39	493.77	493.28	493.15	0.14	ppb
Vanadium	51-2	498.62	497.68	496.79	497.70	0.18	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BS	Instrumnet Name :	P8
Client Sample ID :	PB128433BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:23:06	DataFile Name :	038LCSS_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	4938.74	4874.77	4911.99	4908.50	0.65	ppb
Zirconium	90-1	501.45	495.34	511.63	502.81	1.64	ppb
Zirconium	91-1	489.01	485.60	488.17	487.59	0.36	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BS	Instrumnet Name :	P8
Client Sample ID :	PB128429BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:25:54	DataFile Name :	039LCSW_P8042120-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9522.33	9245.88	9653.98	9474.06	2.20	ppb
Antimony	121-1	495.03	491.73	487.41	491.39	0.78	ppb
Arsenic	75-2	498.94	489.16	490.61	492.90	1.07	ppb
Barium	135-1	2440.97	2479.98	2442.18	2454.37	0.90	ppb
Barium	137-1	2479.72	2474.02	2457.57	2470.44	0.47	ppb
Beryllium	9-1	475.50	494.77	483.05	484.44	2.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	395.20	482.32	522.43	466.65	13.94	ppb
Boron	11-1	406.60	487.99	515.90	470.17	12.08	ppb
Bromine	81-1						cps
Cadmium	111-1	480.81	490.34	482.99	484.71	1.03	ppb
Cadmium	106-1	468.25	476.01	479.09	474.45	1.18	ppb
Cadmium	108-1	485.79	487.27	472.40	481.82	1.70	ppb
Calcium	43-1	49620.09	50738.04	49899.35	50085.83	1.16	ppb
Calcium	44-1	49177.78	50264.26	49057.15	49499.73	1.34	ppb
Chromium	52-2	471.47	455.20	477.00	467.89	2.42	ppb
Cobalt	59-2	499.80	483.52	502.50	495.27	2.07	ppb
Copper	63-2	5029.62	4900.44	5098.30	5009.46	2.01	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				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	25193.07	24449.74	25486.74	25043.18	2.13	ppb
Iron	56-2	25121.87	24630.62	25320.32	25024.27	1.42	ppb
Iron	57-2	24503.19	24129.75	24715.73	24449.56	1.21	ppb
Krypton	83-1						cps
Lead	206-1	2452.22	2517.49	2433.18	2467.63	1.79	ppb
Lead	207-1	2438.00	2501.28	2433.70	2457.66	1.54	ppb
Lead	208-1	2429.50	2486.51	2416.81	2444.27	1.52	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BS	Instrumnet Name :	P8
Client Sample ID :	PB128429BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:25:54	DataFile Name :	039LCSW_P8042120-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	51394.48	50460.95	51295.36	51050.26	1.00	ppb
Manganese	55-2	5061.24	4976.88	5152.86	5063.66	1.74	ppb
Molybdenum	94-1	2396.24	2486.36	2440.68	2441.09	1.85	ppb
Molybdenum	95-1	2433.46	2436.96	2439.64	2436.69	0.13	ppb
Molybdenum	96-1	2436.36	2398.52	2477.96	2437.61	1.63	ppb
Molybdenum	97-1	2395.41	2467.87	2426.60	2429.96	1.50	ppb
Molybdenum	98-1	2365.14	2423.07	2456.04	2414.75	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.17	452.78	472.69	464.21	2.21	ppb
Phosphorus	31-2	9777.61	8876.70	9407.00	9353.77	4.84	ppb
Potassium	39-2	24892.59	24028.36	24917.35	24612.77	2.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	482.18	480.45	490.60	484.41	1.12	ppb
Selenium	77-2	507.27	570.28	404.06	493.87	16.99	ppb
Selenium	78-2	478.87	493.05	512.42	494.78	3.40	ppb
Silicon	28-1	436.60	471.99	484.06	464.22	5.31	ppb
Silver	109-1	499.88	500.52	486.07	495.49	1.65	ppb
Silver	107-1	484.54	488.22	481.27	484.68	0.72	ppb
Sodium	23-2	50565.70	48680.47	50371.97	49872.71	2.08	ppb
Strontium	86-1	468.41	483.13	478.80	476.78	1.59	ppb
Strontium	88-1	480.12	495.64	487.24	487.67	1.59	ppb
Sulfur	34-1	6478.43	6423.11	6728.85	6543.46	2.49	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	480.45	494.28	484.84	486.53	1.45	ppb
Thallium	205-1	491.49	491.31	490.47	491.09	0.11	ppb
Tin	118-1	486.96	492.47	483.92	487.78	0.89	ppb
Titanium	47-1	2370.48	2404.19	2420.88	2398.52	1.07	ppb
Uranium	238-1	478.48	489.01	483.05	483.51	1.09	ppb
Vanadium	51-2	494.50	481.79	501.02	492.44	1.99	ppb
Yttrium	89-1				104		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BS	Instrumnet Name :	P8
Client Sample ID :	PB128429BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:25:54	DataFile Name :	039LCSW_P8042120-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	4955.53	4815.13	5035.87	4935.51	2.26	ppb
Zirconium	90-1	492.05	498.71	501.25	497.34	0.96	ppb
Zirconium	91-1	476.15	487.58	484.80	482.84	1.23	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50809.17	51278.22	50412.62	50833.34	0.85	ppb
Antimony	121-1	503.83	512.22	524.46	513.50	2.02	ppb
Arsenic	75-2	500.89	501.69	494.93	499.17	0.74	ppb
Barium	135-1	2478.85	2547.45	2550.95	2525.75	1.61	ppb
Barium	137-1	2524.94	2592.41	2585.34	2567.56	1.44	ppb
Beryllium	9-1	514.05	539.43	522.56	525.35	2.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	500.55	573.89	609.03	561.16	9.86	ppb
Boron	11-1	511.23	584.09	617.90	571.07	9.55	ppb
Bromine	81-1						cps
Cadmium	111-1	490.93	503.23	508.61	500.92	1.81	ppb
Cadmium	106-1	483.31	483.62	496.82	487.92	1.58	ppb
Cadmium	108-1	488.56	497.17	503.00	496.24	1.46	ppb
Calcium	43-1	243269.37	253490.29	251233.38	249331.01	2.15	ppb
Calcium	44-1	245065.97	252993.96	249992.83	249350.92	1.61	ppb
Chromium	52-2	495.26	490.85	487.11	491.07	0.83	ppb
Cobalt	59-2	512.92	515.74	511.43	513.36	0.43	ppb
Copper	63-2	5164.17	5145.05	5126.42	5145.22	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				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	124749.71	123614.00	121640.46	123334.72	1.28	ppb
Iron	56-2	124305.35	124180.83	122613.26	123699.81	0.76	ppb
Iron	57-2	123929.04	123288.80	124258.43	123825.42	0.40	ppb
Krypton	83-1						cps
Lead	206-1	2531.48	2664.59	2567.45	2587.84	2.66	ppb
Lead	207-1	2522.92	2621.22	2576.71	2573.62	1.91	ppb
Lead	208-1	2508.74	2638.57	2588.25	2578.52	2.54	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	250768.91	247608.01	246111.54	248162.82	0.96	ppb
Manganese	55-2	5146.85	5103.28	5115.02	5121.72	0.44	ppb
Molybdenum	94-1	2482.25	2542.18	2600.40	2541.61	2.32	ppb
Molybdenum	95-1	2501.75	2551.15	2640.58	2564.49	2.74	ppb
Molybdenum	96-1	2487.71	2519.43	2589.18	2532.11	2.05	ppb
Molybdenum	97-1	2491.47	2508.74	2603.22	2534.48	2.37	ppb
Molybdenum	98-1	2455.77	2524.73	2569.46	2516.66	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.89	481.50	480.63	482.34	0.47	ppb
Phosphorus	31-2	9554.10	10147.68	9770.56	9824.11	3.06	ppb
Potassium	39-2	124142.33	124842.69	123179.51	124054.85	0.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	483.61	498.57	494.82	492.33	1.58	ppb
Selenium	77-2	420.37	467.48	507.80	465.22	9.41	ppb
Selenium	78-2	496.21	505.66	513.69	505.19	1.73	ppb
Silicon	28-1	538.37	615.22	655.75	603.11	9.88	ppb
Silver	109-1	493.78	515.40	505.85	505.01	2.15	ppb
Silver	107-1	483.45	504.61	502.91	496.99	2.37	ppb
Sodium	23-2	247701.81	246410.22	246927.63	247013.22	0.26	ppb
Strontium	86-1	488.42	501.05	493.45	494.31	1.29	ppb
Strontium	88-1	496.71	516.85	506.29	506.62	1.99	ppb
Sulfur	34-1	7982.92	7500.74	8107.18	7863.61	4.07	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	498.75	518.33	509.26	508.78	1.93	ppb
Thallium	205-1	502.93	532.17	525.47	520.19	2.94	ppb
Tin	118-1	498.29	512.38	516.23	508.97	1.86	ppb
Titanium	47-1	2524.41	2546.02	2547.92	2539.45	0.51	ppb
Uranium	238-1	508.53	531.05	528.73	522.77	2.37	ppb
Vanadium	51-2	512.88	514.82	511.08	512.92	0.36	ppb
Yttrium	89-1				102		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	5101.25	5129.36	5126.46	5119.02	0.30	ppb
Zirconium	90-1	510.50	513.97	530.05	518.17	2.01	ppb
Zirconium	91-1	492.24	510.17	513.20	505.21	2.24	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:41:25	DataFile Name :	042CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.33	-2.87	-0.23	-1.81		ppb
Antimony	121-1	0.01	0.02	0.02	0.01	54.10	ppb
Arsenic	75-2	0.03	0.02	0.02	0.03	21.40	ppb
Barium	135-1	-0.05	-0.03	-0.03	-0.04		ppb
Barium	137-1	-0.02	-0.02	0.01	-0.01		ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	19.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	33.14	32.09	29.81	31.68	5.37	ppb
Boron	11-1	31.10	29.68	29.00	29.92	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.09	-0.13	-0.10		ppb
Cadmium	106-1	-4.31	-3.96	-6.58	-4.95		ppb
Cadmium	108-1	0.22	0.14	0.06	0.14	58.68	ppb
Calcium	43-1	-23.93	-18.59	-9.65	-17.39		ppb
Calcium	44-1	-40.70	-40.37	-37.64	-39.57		ppb
Chromium	52-2	0.02	0.17	0.05	0.08	96.06	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	3754.33	ppb
Copper	63-2	0.45	0.40	0.46	0.44	7.39	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				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	-2.56	1.81	0.76	0.00	336024.69	ppb
Iron	56-2	0.41	0.09	0.67	0.39	74.19	ppb
Iron	57-2	-2.40	-0.33	1.34	-0.46		ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.44	0.45	0.39	24.35	ppb
Lead	207-1	0.37	0.38	0.44	0.40	10.58	ppb
Lead	208-1	0.33	0.40	0.42	0.39	11.75	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:41:25	DataFile Name :	042CCBE_P8042120-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	3.16	2.42	1.05	2.21	48.45	ppb
Manganese	55-2	0.10	0.04	0.08	0.07	44.14	ppb
Molybdenum	94-1	0.01	0.01	0.03	0.02	55.23	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	44.47	ppb
Molybdenum	96-1	-0.04	0.03	-0.03	-0.02		ppb
Molybdenum	97-1	0.05	0.02	-0.01	0.02	140.48	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	145.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	-13.16	23.98	7.19	6.00	309.89	ppb
Potassium	39-2	45.92	44.51	52.76	47.73	9.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	82-1	0.46	-3.11	1.92	-0.25		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.10	0.98	-0.48	0.86	149.40	ppb
Silicon	28-1	-22.99	-18.95	-26.40	-22.78		ppb
Silver	109-1	0.00	0.02	0.02	0.01	83.71	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	410.27	ppb
Sodium	23-2	70.51	73.50	71.97	71.99	2.07	ppb
Strontium	86-1	-0.16	-0.21	-0.09	-0.15		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-1446.28	-872.42	-762.47	-1027.06		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.07	0.07	0.07	8.09	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	16.10	ppb
Tin	118-1	-0.04	-0.03	-0.05	-0.04		ppb
Titanium	47-1	0.11	0.13	-0.06	0.06	182.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	173.21	ppb
Vanadium	51-2	0.04	0.02	0.03	0.03	42.61	ppb
Yttrium	89-1				96		%

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:41:25	DataFile Name :	042CCBE_P8042120-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	-0.13	0.01	-0.28	-0.13		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	175.98	ppb
Zirconium	91-1	-0.02	0.03	0.00	0.00	734.82	ppb

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274	258	346	293	16.02	cps
Antimony	121-1	8	33	8	17	86.62	cps
Arsenic	75-2	5	0	1	2	132.29	cps
Barium	135-1	42	50	17	36	48.03	cps
Barium	137-1	8	50	75	44	75.78	cps
Beryllium	9-1	20	10	6	12	60.09	cps
Bismuth	209-1	3221218	3211197	2876397	3102937	6.32	cps
Bismuth	209-2	1504526	1497638	1486473	1496212	0.61	cps
Boron	10-1	48	44	50	47	6.46	cps
Boron	11-1	142	144	156	147	5.14	cps
Bromine	81-1	1892	1632	1672	1732	8.09	cps
Cadmium	111-1	364	346	333	348	4.40	cps
Cadmium	106-1	1792	1708	1667	1722	3.70	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	558	442	408	469	16.78	cps
Calcium	44-1	20958	20331	20874	20721	1.64	cps
Chromium	52-2	1273	1043	1150	1156	9.96	cps
Cobalt	59-2	53	70	20	48	53.29	cps
Copper	63-2	227	287	283	266	12.70	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	13	0	8	89.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	7	30	10	16	81.11	cps
Holmium	165-1	4974700	5026318	4459572	4820197	6.50	cps
Holmium	165-2	2085073	2052570	2004316	2047320	1.98	cps
Indium	115-1	4587525	4479187	4110341	4392351	5.70	cps
Indium	115-2	666338	666681	651625	661548	1.30	cps
Iron	54-2	433	344	306	361	18.14	cps
Iron	56-2	2284	2178	2056	2172	5.25	cps
Iron	57-2	94	94	128	106	18.23	cps
Krypton	83-1	650	630	683	654	4.12	cps
Lead	206-1	283	233	267	261	9.75	cps
Lead	207-1	222	178	239	213	14.84	cps
Lead	208-1	1039	889	1122	1017	11.63	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1114209	1119628	1010837	1081558	5.67	cps
Magnesium	24-2	125	208	117	150	33.79	cps
Manganese	55-2	40	93	43	59	50.73	cps
Molybdenum	94-1	142	125	92	119	21.31	cps
Molybdenum	95-1	25	0	8	11	114.58	cps
Molybdenum	96-1	117	167	150	144	17.63	cps
Molybdenum	97-1	17	25	8	17	50.01	cps
Molybdenum	98-1	8	25	25	19	49.50	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	100	90	103	14.78	cps
Phosphorus	31-2	142	233	83	153	49.49	cps
Potassium	39-2	15434	15984	15500	15639	1.92	cps
Rhodium	103-1	4548028	4461578	4061956	4357187	5.95	cps
Rhodium	103-2	2055056	2060040	2042508	2052535	0.44	cps
Scandium	45-1	2964735	2875078	2645918	2828577	5.81	cps
Scandium	45-2	93955	94585	91184	93242	1.94	cps
Selenium	82-1	7	39	-59	-4	-1174.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	18	26	23	22	18.10	cps
Silicon	28-1	641318	646161	638431	641970	0.61	cps
Silver	109-1	0	8	8	6	86.60	cps
Silver	107-1	25	33	25	28	17.31	cps
Sodium	23-2	17127	17536	16844	17169	2.03	cps
Strontium	86-1	1100	1208	1158	1156	4.69	cps
Strontium	88-1	167	150	183	167	10.00	cps
Sulfur	34-1	455825	458281	451810	455305	0.72	cps
Terbium	159-1	5395932	5234461	4817644	5149345	5.79	cps
Terbium	159-2	2091572	2099239	2002712	2064507	2.60	cps
Thallium	203-1	0	0	33	11	173.21	cps
Thallium	205-1	75	33	25	44	60.28	cps
Tin	118-1	300	267	292	286	6.06	cps
Titanium	47-1	333	450	467	417	17.44	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	10	0	17	9	94.38	cps
Yttrium	89-1	6675273	6695308	6105667	6492083	5.16	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:26:24	DataFile Name :	005CALB_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	705511	709254	698072	704279	0.81	cps
Zinc	66-2	88	108	136	111	21.63	cps
Zirconium	90-1	317	283	250	283	11.76	cps
Zirconium	91-1	83	50	75	69	24.98	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:32:24	DataFile Name :	007CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	632	594	608	611	3.14	cps
Antimony	121-1	6635	6060	6702	6466	5.46	cps
Arsenic	75-2	100	108	112	107	5.73	cps
Barium	135-1	6710	6177	6277	6388	4.44	cps
Barium	137-1	11355	11113	11363	11277	1.26	cps
Beryllium	9-1	566	592	502	553	8.37	cps
Bismuth	209-1	3264547	3144030	3213786	3207454	1.89	cps
Bismuth	209-2	1509002	1537478	1522277	1522919	0.94	cps
Boron	10-1	1056	1102	1224	1127	7.70	cps
Boron	11-1	4652	5474	5824	5317	11.32	cps
Bromine	81-1	1802	1802	1502	1702	10.19	cps
Cadmium	111-1	1004	980	1053	1012	3.69	cps
Cadmium	106-1	1733	1592	1675	1667	4.27	cps
Cadmium	108-1	67	79	46	64	26.36	cps
Calcium	43-1	4351	4543	4201	4365	3.92	cps
Calcium	44-1	83182	83291	82151	82875	0.76	cps
Chromium	52-2	2737	2690	2700	2709	0.91	cps
Cobalt	59-2	1567	1563	1470	1533	3.58	cps
Copper	63-2	2440	2570	2434	2481	3.11	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	50	83	8	47	79.58	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	5063436	4889622	5071114	5008057	2.05	cps
Holmium	165-2	2065751	2075447	2062874	2068024	0.32	cps
Indium	115-1	4604490	4510350	4607889	4574243	1.21	cps
Indium	115-2	664560	676783	663841	668395	1.09	cps
Iron	54-2	2017	2211	1961	2063	6.36	cps
Iron	56-2	34208	33657	34136	34000	0.88	cps
Iron	57-2	906	833	850	863	4.38	cps
Krypton	83-1	587	707	737	677	11.73	cps
Lead	206-1	2072	2028	2061	2054	1.13	cps
Lead	207-1	1806	1950	1934	1896	4.17	cps
Lead	208-1	8340	8579	8768	8562	2.50	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:32:24	DataFile Name :	007CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1138346	1103298	1123811	1121818	1.57	cps
Magnesium	24-2	24855	24354	24404	24538	1.12	cps
Manganese	55-2	417	433	420	423	2.08	cps
Molybdenum	94-1	6477	6202	6510	6396	2.65	cps
Molybdenum	95-1	7494	7886	7461	7613	3.11	cps
Molybdenum	96-1	8378	8670	8486	8511	1.73	cps
Molybdenum	97-1	4834	4501	4876	4737	4.34	cps
Molybdenum	98-1	12623	11989	12448	12353	2.65	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	537	480	630	549	13.80	cps
Phosphorus	31-2	192	150	292	211	34.49	cps
Potassium	39-2	33698	32195	32988	32960	2.28	cps
Rhodium	103-1	4544232	4452131	4510309	4502224	1.03	cps
Rhodium	103-2	2098254	2090546	2029264	2072688	1.82	cps
Scandium	45-1	2964567	2918919	2905435	2929640	1.06	cps
Scandium	45-2	92058	91925	93167	92383	0.74	cps
Selenium	82-1	268	233	141	214	30.57	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	40	43	51	45	12.74	cps
Silicon	28-1	656910	651378	658014	655434	0.54	cps
Silver	109-1	3534	3776	3767	3692	3.72	cps
Silver	107-1	3959	4251	3967	4059	4.09	cps
Sodium	23-2	61932	63246	64242	63140	1.83	cps
Strontium	86-1	1884	1859	2009	1917	4.19	cps
Strontium	88-1	7461	7869	7469	7599	3.07	cps
Sulfur	34-1	456666	457020	460501	458062	0.46	cps
Terbium	159-1	5393836	5193710	5341276	5309607	1.95	cps
Terbium	159-2	2131592	2130024	2110604	2124073	0.55	cps
Thallium	203-1	2234	2342	2192	2256	3.43	cps
Thallium	205-1	5301	5135	5176	5204	1.67	cps
Tin	118-1	12298	12006	12281	12195	1.34	cps
Titanium	47-1	2709	2392	2492	2531	6.40	cps
Uranium	238-1	7044	6810	6785	6880	2.07	cps
Vanadium	51-2	3347	3157	3367	3290	3.52	cps
Yttrium	89-1	6812957	6605619	6847596	6755390	1.94	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:32:24	DataFile Name :	007CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	705034	713863	699257	706051	1.04	cps
Zinc	66-2	386	393	383	387	1.38	cps
Zirconium	90-1	4951	5159	4376	4829	8.41	cps
Zirconium	91-1	1033	1117	917	1022	9.83	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:35:24	DataFile Name :	008CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16258	16714	16582	16518	1.42	cps
Antimony	121-1	167745	166532	169112	167796	0.77	cps
Arsenic	75-2	5123	5252	5310	5228	1.82	cps
Barium	135-1	157239	159145	158503	158296	0.61	cps
Barium	137-1	277631	280745	282927	280434	0.95	cps
Beryllium	9-1	28344	29223	29225	28931	1.76	cps
Bismuth	209-1	3249168	3178464	3210979	3212870	1.10	cps
Bismuth	209-2	1507221	1545896	1528229	1527116	1.27	cps
Boron	10-1	1918	2166	2384	2156	10.82	cps
Boron	11-1	8783	10364	11598	10248	13.77	cps
Bromine	81-1	1532	1522	1822	1625	10.50	cps
Cadmium	111-1	35447	35829	36251	35842	1.12	cps
Cadmium	106-1	5718	5543	5201	5487	4.79	cps
Cadmium	108-1	2646	2850	2759	2752	3.72	cps
Calcium	43-1	41151	41193	40140	40828	1.46	cps
Calcium	44-1	680539	679996	693419	684651	1.11	cps
Chromium	52-2	39658	40360	39849	39956	0.91	cps
Cobalt	59-2	71944	71659	71341	71648	0.42	cps
Copper	63-2	566655	564099	563171	564642	0.32	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	4961509	5016111	4977284	4984968	0.56	cps
Holmium	165-2	2088296	2049830	2079499	2072542	0.97	cps
Indium	115-1	4620068	4560438	4632900	4604468	0.84	cps
Indium	115-2	663357	668436	669096	666963	0.47	cps
Iron	54-2	84912	85465	84649	85009	0.49	cps
Iron	56-2	1582325	1546634	1540834	1556597	1.44	cps
Iron	57-2	38380	37655	37572	37869	1.17	cps
Krypton	83-1	650	630	663	648	2.59	cps
Lead	206-1	447484	444855	449497	447278	0.52	cps
Lead	207-1	406251	408580	417053	410628	1.38	cps
Lead	208-1	1842890	1834593	1876281	1851254	1.19	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 12:35:24 DataFile Name : 008CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1115870	1176032	1109171	1133691	3.25	cps
Magnesium	24-2	247474	248233	249424	248377	0.40	cps
Manganese	55-2	180344	182119	179483	180649	0.74	cps
Molybdenum	94-1	301237	304568	304591	303466	0.64	cps
Molybdenum	95-1	370934	371803	374907	372548	0.56	cps
Molybdenum	96-1	399466	407954	408234	405218	1.23	cps
Molybdenum	97-1	226020	225333	231972	227775	1.60	cps
Molybdenum	98-1	586471	593257	588677	589468	0.59	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20582	20191	20061	20278	1.34	cps
Phosphorus	31-2	1133	1267	1158	1186	5.98	cps
Potassium	39-2	104679	106316	104611	105202	0.92	cps
Rhodium	103-1	4510241	4498973	4453050	4487421	0.68	cps
Rhodium	103-2	2054857	2044663	2053339	2050953	0.27	cps
Scandium	45-1	2966345	2962998	2972212	2967185	0.16	cps
Scandium	45-2	95569	92901	93143	93871	1.57	cps
Selenium	82-1	2491	2480	2463	2478	0.57	cps
Selenium	77-2	43	33	67	48	35.81	cps
Selenium	78-2	273	246	253	257	5.44	cps
Silicon	28-1	732677	738500	746495	739224	0.94	cps
Silver	109-1	179332	181807	183275	181471	1.10	cps
Silver	107-1	186075	186550	188181	186935	0.59	cps
Sodium	23-2	482042	484585	487677	484768	0.58	cps
Strontium	86-1	45274	46737	47807	46606	2.73	cps
Strontium	88-1	398122	392515	401089	397242	1.10	cps
Sulfur	34-1	470927	466479	470333	469246	0.51	cps
Terbium	159-1	5312062	5340255	5314959	5322425	0.29	cps
Terbium	159-2	2107507	2120720	2168270	2132166	1.50	cps
Thallium	203-1	110528	112219	110958	111235	0.79	cps
Thallium	205-1	262249	260477	260775	261167	0.36	cps
Tin	118-1	113763	116190	115082	115011	1.06	cps
Titanium	47-1	101005	100829	100837	100890	0.10	cps
Uranium	238-1	358096	355949	359880	357975	0.55	cps
Vanadium	51-2	30873	31334	31224	31144	0.77	cps
Yttrium	89-1	6809708	6759416	6642604	6737243	1.27	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:35:24	DataFile Name :	008CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	710828	707495	706172	708165	0.34	cps
Zinc	66-2	75091	73638	74519	74416	0.98	cps
Zirconium	90-1	244043	246309	251982	247445	1.65	cps
Zirconium	91-1	55829	54775	54959	55187	1.02	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41589	41998	42798	42128	1.46	cps
Antimony	121-1	434491	430686	434405	433194	0.50	cps
Arsenic	75-2	13448	13525	13429	13467	0.38	cps
Barium	135-1	407274	403874	409649	406932	0.71	cps
Barium	137-1	715277	711400	721732	716136	0.73	cps
Beryllium	9-1	73820	74275	74990	74362	0.79	cps
Bismuth	209-1	3135551	3283898	3235430	3218293	2.35	cps
Bismuth	209-2	1349124	1545874	1543759	1479586	7.64	cps
Boron	10-1	4516	5414	5842	5257	12.87	cps
Boron	11-1	22685	26224	28860	25923	11.95	cps
Bromine	81-1	1822	1802	1752	1792	2.02	cps
Cadmium	111-1	92100	92117	93399	92539	0.81	cps
Cadmium	106-1	11789	11155	11822	11589	3.24	cps
Cadmium	108-1	7194	6785	6814	6931	3.29	cps
Calcium	43-1	102280	101440	103143	102288	0.83	cps
Calcium	44-1	1653323	1698025	1695328	1682225	1.49	cps
Chromium	52-2	100557	102205	101940	101567	0.87	cps
Cobalt	59-2	182683	180719	181147	181516	0.57	cps
Copper	63-2	1430381	1426920	1432876	1430059	0.21	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	33	83	17	44	78.07	cps
Gadolinium	160-2	0	3	20	8	137.80	cps
Holmium	165-1	5006504	5040765	5177298	5074856	1.78	cps
Holmium	165-2	1817189	2100063	2099435	2005562	8.13	cps
Indium	115-1	4614383	4561679	4683796	4619953	1.33	cps
Indium	115-2	590796	672418	666269	643161	7.07	cps
Iron	54-2	218075	216090	218180	217448	0.54	cps
Iron	56-2	3972197	3977945	3890283	3946809	1.24	cps
Iron	57-2	98852	97034	97967	97951	0.93	cps
Krypton	83-1	697	650	717	688	4.97	cps
Lead	206-1	1159825	1178657	1171850	1170111	0.81	cps
Lead	207-1	1048660	1070811	1075633	1065035	1.35	cps
Lead	208-1	4749734	4865985	4807994	4807904	1.21	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1120444	1110106	1148514	1126355	1.76	cps
Magnesium	24-2	629960	630619	629840	630140	0.07	cps
Manganese	55-2	464347	459271	463890	462503	0.61	cps
Molybdenum	94-1	777277	784350	777631	779753	0.51	cps
Molybdenum	95-1	955087	972841	964513	964147	0.92	cps
Molybdenum	96-1	1049029	1050681	1052869	1050860	0.18	cps
Molybdenum	97-1	584753	596848	587976	589859	1.06	cps
Molybdenum	98-1	1481269	1473029	1475354	1476551	0.29	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	51904	50362	50553	50940	1.65	cps
Phosphorus	31-2	2667	2917	3034	2873	6.52	cps
Potassium	39-2	240490	242012	244310	242271	0.79	cps
Rhodium	103-1	4489782	4495160	4532811	4505918	0.52	cps
Rhodium	103-2	1791230	2070062	2035520	1965604	7.73	cps
Scandium	45-1	2921790	2995400	2923554	2946914	1.43	cps
Scandium	45-2	81725	92985	93783	89497	7.53	cps
Selenium	82-1	6315	6363	6343	6340	0.38	cps
Selenium	77-2	200	163	130	164	21.29	cps
Selenium	78-2	612	625	653	630	3.33	cps
Silicon	28-1	874606	881851	881385	879280	0.46	cps
Silver	109-1	461303	463670	463591	462855	0.29	cps
Silver	107-1	482318	482674	484144	483045	0.20	cps
Sodium	23-2	1183324	1193999	1221084	1199469	1.62	cps
Strontium	86-1	117819	116256	118667	117581	1.04	cps
Strontium	88-1	1006596	1019965	1020676	1015746	0.78	cps
Sulfur	34-1	485280	485604	490311	487065	0.58	cps
Terbium	159-1	5396934	5383921	5428754	5403203	0.43	cps
Terbium	159-2	1904912	2160438	2117815	2061055	6.64	cps
Thallium	203-1	288126	293411	292913	291483	1.00	cps
Thallium	205-1	677348	689084	683209	683214	0.86	cps
Tin	118-1	292583	293930	293345	293286	0.23	cps
Titanium	47-1	255253	259023	258297	257524	0.78	cps
Uranium	238-1	938899	952033	950586	947173	0.76	cps
Vanadium	51-2	79761	78467	78095	78774	1.11	cps
Yttrium	89-1	6700657	6782355	6848465	6777159	1.09	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:38:22	DataFile Name :	009CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	623783	712850	705017	680550	7.25	cps
Zinc	66-2	186629	184608	185155	185464	0.56	cps
Zirconium	90-1	631163	641746	635074	635995	0.84	cps
Zirconium	91-1	141589	144336	142750	142892	0.97	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82270	83426	82734	82810	0.70	cps
Antimony	121-1	862154	861541	859100	860932	0.19	cps
Arsenic	75-2	26208	26971	26544	26575	1.44	cps
Barium	135-1	809590	788176	797926	798564	1.34	cps
Barium	137-1	1421384	1401935	1430251	1417857	1.02	cps
Beryllium	9-1	147353	145498	147107	146652	0.69	cps
Bismuth	209-1	3217937	3153024	3208746	3193236	1.10	cps
Bismuth	209-2	1503250	1514975	1509509	1509245	0.39	cps
Boron	10-1	10031	11038	12053	11041	9.15	cps
Boron	11-1	46833	52787	57739	52453	10.41	cps
Bromine	81-1	1812	1762	1432	1668	12.39	cps
Cadmium	111-1	181094	181270	183402	181922	0.71	cps
Cadmium	106-1	22594	20282	20632	21169	5.89	cps
Cadmium	108-1	14116	13628	14024	13922	1.86	cps
Calcium	43-1	205337	201117	201988	202814	1.10	cps
Calcium	44-1	3365098	3259449	3286616	3303721	1.66	cps
Chromium	52-2	198938	197047	198150	198045	0.48	cps
Cobalt	59-2	356762	364392	356419	359191	1.25	cps
Copper	63-2	2783326	2872469	2769857	2808551	1.99	cps
Dysprosium	156-1	50	58	25	44	39.04	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	4887202	5000082	5027774	4971686	1.50	cps
Holmium	165-2	2021692	2075107	2042247	2046348	1.32	cps
Indium	115-1	4587382	4453208	4634221	4558270	2.06	cps
Indium	115-2	647968	654318	653583	651956	0.53	cps
Iron	54-2	423817	432167	429103	428362	0.99	cps
Iron	56-2	7698959	7764795	7699299	7721018	0.49	cps
Iron	57-2	194751	193710	193366	193942	0.37	cps
Krypton	83-1	690	700	650	680	3.89	cps
Lead	206-1	2335563	2332695	2305256	2324505	0.72	cps
Lead	207-1	2128163	2117096	2141025	2128761	0.56	cps
Lead	208-1	9525844	9510251	9469747	9501947	0.30	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CAL5_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1118426	1133012	1128799	1126746	0.67	cps
Magnesium	24-2	1228840	1225981	1245141	1233320	0.84	cps
Manganese	55-2	909896	917155	903758	910269	0.74	cps
Molybdenum	94-1	1537407	1473705	1509045	1506719	2.12	cps
Molybdenum	95-1	1882382	1827434	1805773	1838529	2.15	cps
Molybdenum	96-1	2078232	2025067	2000740	2034680	1.95	cps
Molybdenum	97-1	1169859	1150629	1175550	1165346	1.12	cps
Molybdenum	98-1	2881281	2858707	2906800	2882263	0.83	cps
Neodymium	150-1	53	33	20	36	47.19	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	99693	101273	99461	100142	0.98	cps
Phosphorus	31-2	5568	5460	5693	5573	2.10	cps
Potassium	39-2	458028	463699	457157	459628	0.77	cps
Rhodium	103-1	4451144	4378089	4473595	4434276	1.13	cps
Rhodium	103-2	1987672	2051689	2008362	2015908	1.62	cps
Scandium	45-1	2984562	2867909	2926018	2926163	1.99	cps
Scandium	45-2	90283	91842	91479	91201	0.89	cps
Selenium	82-1	12786	12565	12685	12679	0.87	cps
Selenium	77-2	330	363	343	346	4.85	cps
Selenium	78-2	1207	1224	1222	1218	0.76	cps
Silicon	28-1	962607	963840	968670	965039	0.33	cps
Silver	109-1	915866	913301	908658	912608	0.40	cps
Silver	107-1	962553	942809	953354	952905	1.04	cps
Sodium	23-2	2321146	2347512	2385458	2351372	1.37	cps
Strontium	86-1	236974	229722	232225	232974	1.58	cps
Strontium	88-1	1956366	1979279	2006026	1980557	1.25	cps
Sulfur	34-1	511588	509776	505867	509077	0.57	cps
Terbium	159-1	5314285	5375647	5321921	5337284	0.63	cps
Terbium	159-2	2086575	2089790	2053598	2076655	0.96	cps
Thallium	203-1	587134	567606	571357	575366	1.80	cps
Thallium	205-1	1360446	1336113	1348463	1348341	0.90	cps
Tin	118-1	582652	579733	579247	580544	0.32	cps
Titanium	47-1	518221	502716	506529	509155	1.59	cps
Uranium	238-1	1874269	1821456	1833929	1843218	1.50	cps
Vanadium	51-2	156591	155613	153501	155235	1.02	cps
Yttrium	89-1	6731078	6757365	6603108	6697184	1.23	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:41:22	DataFile Name :	010CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	691234	702626	693414	695758	0.87	cps
Zinc	66-2	360472	368335	365470	364759	1.09	cps
Zirconium	90-1	1271812	1261858	1255392	1263021	0.65	cps
Zirconium	91-1	285232	276731	278307	280090	1.61	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160737	160325	159317	160126	0.46	cps
Antimony	121-1	1677358	1682491	1710943	1690264	1.07	cps
Arsenic	75-2	50561	51903	51420	51295	1.33	cps
Barium	135-1	1579242	1590193	1607168	1592201	0.88	cps
Barium	137-1	2770226	2818224	2851677	2813376	1.46	cps
Beryllium	9-1	289615	294978	304020	296204	2.46	cps
Bismuth	209-1	3278205	2942650	3258379	3159745	5.96	cps
Bismuth	209-2	1482210	1512307	1505265	1499927	1.05	cps
Boron	10-1	19225	22250	25182	22219	13.41	cps
Boron	11-1	94180	106965	121180	107442	12.57	cps
Bromine	81-1	1972	1652	1732	1785	9.34	cps
Cadmium	111-1	358248	361277	373081	364202	2.15	cps
Cadmium	106-1	38797	39498	41597	39964	3.65	cps
Cadmium	108-1	26872	27311	27695	27292	1.51	cps
Calcium	43-1	403986	410900	421018	411968	2.08	cps
Calcium	44-1	6308367	6490047	6738157	6512190	3.31	cps
Chromium	52-2	379488	383683	382164	381779	0.56	cps
Cobalt	59-2	687344	698916	696752	694337	0.89	cps
Copper	63-2	5302888	5400396	5386629	5363305	0.98	cps
Dysprosium	156-1	75	33	33	47	50.95	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	58	17	33	36	58.07	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	58	58	75	64	15.05	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	5175842	4606149	5062617	4948203	6.09	cps
Holmium	165-2	1992173	2036313	2058468	2028985	1.66	cps
Indium	115-1	4565842	4072241	4519185	4385756	6.21	cps
Indium	115-2	638785	644985	647599	643790	0.70	cps
Iron	54-2	824821	839966	822418	829068	1.15	cps
Iron	56-2	14867085	15173062	14995940	15012029	1.02	cps
Iron	57-2	366398	379913	370468	372260	1.86	cps
Krypton	83-1	677	703	677	686	2.25	cps
Lead	206-1	4719946	4739952	4852287	4770728	1.50	cps
Lead	207-1	4293363	4372092	4401062	4355505	1.28	cps
Lead	208-1	19129837	19512745	19737781	19460121	1.58	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CALC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1150003	1048825	1149694	1116174	5.23	cps
Magnesium	24-2	2383533	2411212	2435861	2410202	1.09	cps
Manganese	55-2	1768897	1787775	1746182	1767618	1.18	cps
Molybdenum	94-1	2996183	3009708	3140815	3048902	2.62	cps
Molybdenum	95-1	3620639	3716925	3781576	3706380	2.19	cps
Molybdenum	96-1	4011251	4009442	4142235	4054309	1.88	cps
Molybdenum	97-1	2275290	2321688	2365292	2320756	1.94	cps
Molybdenum	98-1	5764027	5774759	5891701	5810162	1.22	cps
Neodymium	150-1	40	80	73	64	33.25	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	191363	195205	194126	193564	1.02	cps
Phosphorus	31-2	10871	10571	9945	10462	4.51	cps
Potassium	39-2	866874	881239	883876	877329	1.04	cps
Rhodium	103-1	4403519	3911216	4349085	4221273	6.39	cps
Rhodium	103-2	1930155	1973798	1988252	1964069	1.54	cps
Scandium	45-1	2905981	2669595	2997430	2857669	5.92	cps
Scandium	45-2	89051	90177	89172	89467	0.69	cps
Selenium	82-1	24791	25243	26002	25345	2.41	cps
Selenium	77-2	673	657	740	690	6.39	cps
Selenium	78-2	2220	2341	2389	2317	3.76	cps
Silicon	28-1	1287644	1287998	1323043	1299562	1.56	cps
Silver	109-1	1778008	1776974	1821237	1792073	1.41	cps
Silver	107-1	1870491	1854337	1947624	1890817	2.64	cps
Sodium	23-2	4481196	4543893	4587053	4537381	1.17	cps
Strontium	86-1	456642	458911	475333	463628	2.20	cps
Strontium	88-1	3903954	3924074	4015515	3947848	1.51	cps
Sulfur	34-1	559473	563766	569009	564083	0.85	cps
Terbium	159-1	5464074	4943923	5454779	5287592	5.63	cps
Terbium	159-2	2086556	2122787	2088954	2099432	0.97	cps
Thallium	203-1	1165449	1183832	1206263	1185181	1.72	cps
Thallium	205-1	2718987	2726687	2801981	2749218	1.67	cps
Tin	118-1	1162213	1147317	1196224	1168585	2.15	cps
Titanium	47-1	1000409	1014186	1034210	1016268	1.67	cps
Uranium	238-1	3811084	3780418	3921547	3837683	1.93	cps
Vanadium	51-2	301422	304550	299780	301917	0.80	cps
Yttrium	89-1	6698376	6021655	6760466	6493499	6.31	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:44:21	DataFile Name :	011CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	671963	687684	685855	681834	1.26	cps
Zinc	66-2	690441	701880	697531	696617	0.83	cps
Zirconium	90-1	2452433	2466301	2523860	2480865	1.53	cps
Zirconium	91-1	557188	561563	573189	563980	1.47	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:47:21	DataFile Name :	012CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311025	317275	310948	313082	1.16	cps
Antimony	121-1	3245888	3301239	3331167	3292765	1.31	cps
Arsenic	75-2	100063	100841	99544	100149	0.65	cps
Barium	135-1	3101115	3130243	3123005	3118121	0.49	cps
Barium	137-1	5368983	5484224	5442417	5431875	1.07	cps
Beryllium	9-1	568043	571596	574828	571489	0.59	cps
Bismuth	209-1	3210209	3336358	3305068	3283878	2.00	cps
Bismuth	209-2	1508845	1485423	1493544	1495937	0.80	cps
Boron	10-1	39707	46203	50056	45322	11.54	cps
Boron	11-1	192638	219590	241677	217968	11.27	cps
Bromine	81-1	1592	1412	1712	1572	9.62	cps
Cadmium	111-1	703934	718463	718699	713699	1.18	cps
Cadmium	106-1	76663	78162	77811	77545	1.01	cps
Cadmium	108-1	53244	54106	54465	53938	1.16	cps
Calcium	43-1	788773	803059	805905	799246	1.15	cps
Calcium	44-1	12429249	12611250	12612586	12551028	0.84	cps
Chromium	52-2	796870	808583	794415	799956	0.95	cps
Cobalt	59-2	1338718	1360570	1342870	1347386	0.86	cps
Copper	63-2	10513283	10566334	10369528	10483048	0.97	cps
Dysprosium	156-1	83	83	75	81	5.98	cps
Dysprosium	156-2	20	27	27	24	15.75	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	100	100	100	100	0.00	cps
Gadolinium	160-2	33	30	33	32	5.97	cps
Holmium	165-1	5142983	5187305	5129646	5153311	0.59	cps
Holmium	165-2	2035214	2046979	2031573	2037922	0.40	cps
Indium	115-1	4621233	4658989	4629419	4636547	0.43	cps
Indium	115-2	638473	625710	629877	631353	1.03	cps
Iron	54-2	1651707	1660991	1627619	1646772	1.05	cps
Iron	56-2	28994300	29339089	28886737	29073375	0.81	cps
Iron	57-2	727953	733373	726954	729427	0.47	cps
Krypton	83-1	620	680	713	671	7.05	cps
Lead	206-1	9009998	9142739	8998994	9050577	0.88	cps
Lead	207-1	8267469	8458520	8349977	8358655	1.15	cps
Lead	208-1	36742252	37747949	37494764	37328322	1.40	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 12:47:21 DataFile Name : 012CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1159860	1184332	1143197	1162463	1.78	cps
Magnesium	24-2	4592621	4625793	4572253	4596889	0.59	cps
Manganese	55-2	3427838	3444933	3403606	3425459	0.61	cps
Molybdenum	94-1	5695708	5913344	5889062	5832705	2.04	cps
Molybdenum	95-1	7031901	7167103	7150427	7116477	1.04	cps
Molybdenum	96-1	7789154	8010809	7904924	7901629	1.40	cps
Molybdenum	97-1	4413207	4552740	4522095	4496014	1.63	cps
Molybdenum	98-1	11224901	11377306	11417273	11339826	0.90	cps
Neodymium	150-1	140	113	73	109	30.82	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	405559	406719	404784	405687	0.24	cps
Phosphorus	31-2	19856	19847	20315	20006	1.34	cps
Potassium	39-2	1657270	1667533	1614748	1646517	1.70	cps
Rhodium	103-1	4385663	4396097	4448710	4410157	0.77	cps
Rhodium	103-2	1904862	1910130	1908229	1907740	0.14	cps
Scandium	45-1	2908320	2951979	2904287	2921528	0.91	cps
Scandium	45-2	88957	87770	89047	88592	0.80	cps
Selenium	82-1	48266	48868	48721	48618	0.65	cps
Selenium	77-2	1360	1303	1323	1329	2.16	cps
Selenium	78-2	4405	4462	4340	4402	1.39	cps
Silicon	28-1	2009997	2110042	2091333	2070457	2.57	cps
Silver	109-1	3458257	3547286	3541337	3515627	1.42	cps
Silver	107-1	3718767	3719110	3722356	3720078	0.05	cps
Sodium	23-2	8892985	8732804	8745358	8790382	1.01	cps
Strontium	86-1	888488	904316	907524	900109	1.13	cps
Strontium	88-1	7434446	7658441	7564038	7552308	1.49	cps
Sulfur	34-1	668885	672187	665852	668975	0.47	cps
Terbium	159-1	5422576	5573695	5437083	5477785	1.52	cps
Terbium	159-2	2099161	2061107	2044891	2068386	1.35	cps
Thallium	203-1	2248020	2281290	2289129	2272813	0.96	cps
Thallium	205-1	5201131	5308601	5206611	5238781	1.16	cps
Tin	118-1	2231801	2212589	2243897	2229429	0.71	cps
Titanium	47-1	1931915	1977622	1949764	1953100	1.18	cps
Uranium	238-1	7261360	7384426	7278867	7308218	0.91	cps
Vanadium	51-2	586166	592654	586946	588589	0.60	cps
Yttrium	89-1	6644753	6885384	6748045	6759394	1.79	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:47:21	DataFile Name :	012CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	682186	675162	673626	676991	0.67	cps
Zinc	66-2	1378241	1382403	1366058	1375567	0.62	cps
Zirconium	90-1	4555863	4687282	4699902	4647682	1.72	cps
Zirconium	91-1	1068477	1093866	1096620	1086321	1.43	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1558306	1611721	1607012	1592346	1.86	cps
Antimony	121-1	2509	2384	2884	2592	10.04	cps
Arsenic	75-2	58	50	61	56	10.09	cps
Barium	135-1	6385	6343	5918	6215	4.16	cps
Barium	137-1	11564	11430	11147	11380	1.87	cps
Beryllium	9-1	184	170	172	175	4.32	cps
Bismuth	209-1	3121082	3081351	3107660	3103364	0.65	cps
Bismuth	209-2	1392022	1430605	1420678	1414435	1.42	cps
Boron	10-1	8753	7915	6984	7884	11.22	cps
Boron	11-1	42950	36939	33726	37871	12.36	cps
Bromine	81-1	1742	1912	1622	1759	8.30	cps
Cadmium	111-1	621	653	635	636	2.53	cps
Cadmium	106-1	1717	1667	1517	1633	6.37	cps
Cadmium	108-1	50	38	21	36	40.53	cps
Calcium	43-1	3805656	3784228	3780278	3790054	0.36	cps
Calcium	44-1	61199351	61318531	61243926	61253936	0.10	cps
Chromium	52-2	22872	22544	22665	22694	0.73	cps
Cobalt	59-2	2540	2650	2787	2659	4.65	cps
Copper	63-2	8039	8026	7906	7990	0.92	cps
Dysprosium	156-1	75	242	217	178	50.56	cps
Dysprosium	156-2	77	77	73	76	2.55	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	250	292	250	264	9.12	cps
Gadolinium	160-2	87	97	117	100	15.27	cps
Holmium	165-1	5030958	5044768	5080884	5052203	0.51	cps
Holmium	165-2	2029593	2047321	2028072	2034995	0.53	cps
Indium	115-1	4620097	4655446	4670669	4648737	0.56	cps
Indium	115-2	640955	655453	658523	651643	1.44	cps
Iron	54-2	7820994	7939218	7795615	7851942	0.98	cps
Iron	56-2	142540331	146602587	143203109	144115342	1.51	cps
Iron	57-2	3587452	3671588	3628618	3629220	1.16	cps
Krypton	83-1	523	603	673	600	12.51	cps
Lead	206-1	9960	10149	10471	10193	2.54	cps
Lead	207-1	9265	9476	9437	9392	1.20	cps
Lead	208-1	41822	42701	42901	42475	1.35	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1193982	1139655	1154579	1162739	2.41	cps
Magnesium	24-2	21974491	22194698	22252746	22140645	0.66	cps
Manganese	55-2	5471	5608	5581	5553	1.31	cps
Molybdenum	94-1	4584	4526	4451	4520	1.48	cps
Molybdenum	95-1	7052	6810	6994	6952	1.82	cps
Molybdenum	96-1	7869	7794	7961	7875	1.06	cps
Molybdenum	97-1	4634	4042	4451	4376	6.92	cps
Molybdenum	98-1	11121	11063	11121	11102	0.30	cps
Neodymium	150-1	60	20	33	38	53.92	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	6892	7332	6982	7068	3.29	cps
Phosphorus	31-2	133	108	208	150	34.69	cps
Potassium	39-2	8192369	8392154	8198277	8260933	1.38	cps
Rhodium	103-1	4143895	4160797	4199589	4168094	0.69	cps
Rhodium	103-2	1848545	1848783	1910946	1869425	1.92	cps
Scandium	45-1	2894275	2873734	2898364	2888791	0.46	cps
Scandium	45-2	85275	88443	88017	87245	1.97	cps
Selenium	82-1	96	51	-33	38	171.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	19	22	29	23	21.99	cps
Silicon	28-1	729306	731656	736977	732646	0.54	cps
Silver	109-1	1042	1075	1000	1039	3.62	cps
Silver	107-1	1100	1167	1150	1139	3.05	cps
Sodium	23-2	42948344	43651467	43340761	43313524	0.81	cps
Strontium	86-1	2525	3200	2984	2903	11.87	cps
Strontium	88-1	16919	17545	16986	17150	2.00	cps
Sulfur	34-1	439440	445460	442424	442441	0.68	cps
Terbium	159-1	5356803	5369159	5391065	5372343	0.32	cps
Terbium	159-2	2005208	2109951	2059045	2058068	2.55	cps
Thallium	203-1	2075	1825	1625	1842	12.24	cps
Thallium	205-1	4934	4526	4192	4551	8.17	cps
Tin	118-1	2359	2592	2359	2436	5.53	cps
Titanium	47-1	717	683	717	706	2.73	cps
Uranium	238-1	967	892	908	922	4.27	cps
Vanadium	51-2	287	250	213	250	14.67	cps
Yttrium	89-1	6667348	6759728	6810036	6745704	1.07	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 12:50:20	DataFile Name :	013CALS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	669151	679574	694862	681196	1.90	cps
Zinc	66-2	9013	9297	9036	9116	1.73	cps
Zirconium	90-1	1342	1517	1792	1550	14.64	cps
Zirconium	91-1	317	467	458	414	20.37	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 13:15:29 DataFile Name : 014ICV01_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8361	8349	8275	8328	0.56	cps
Antimony	121-1	657730	673966	668876	666858	1.25	cps
Arsenic	75-2	20929	20453	20308	20563	1.58	cps
Barium	135-1	64086	65484	65719	65096	1.36	cps
Barium	137-1	112986	114751	115776	114504	1.23	cps
Beryllium	9-1	57122	57873	57837	57611	0.73	cps
Bismuth	209-1	3257885	3227741	3226358	3237328	0.55	cps
Bismuth	209-2	1498630	1489514	1469625	1485923	1.00	cps
Boron	10-1	30305	31072	31603	30994	2.11	cps
Boron	11-1	144483	149399	153241	149041	2.95	cps
Bromine	81-1	1412	1742	1602	1585	10.46	cps
Cadmium	111-1	70685	71958	73061	71902	1.65	cps
Cadmium	106-1	12006	12798	12406	12403	3.19	cps
Cadmium	108-1	7060	7390	6798	7082	4.19	cps
Calcium	43-1	17011	17419	17494	17308	1.50	cps
Calcium	44-1	284152	292142	287037	287777	1.41	cps
Chromium	52-2	78183	75518	75937	76546	1.87	cps
Cobalt	59-2	143123	139516	138530	140390	1.72	cps
Copper	63-2	111835	109689	108635	110053	1.48	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	17	33	67	39	65.47	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	5050681	5015365	4999299	5021782	0.52	cps
Holmium	165-2	2045557	1999897	1981032	2008828	1.65	cps
Indium	115-1	4513798	4595243	4495076	4534706	1.17	cps
Indium	115-2	641039	626461	621807	629769	1.59	cps
Iron	54-2	67080	66080	64311	65824	2.13	cps
Iron	56-2	1183643	1160355	1150334	1164777	1.47	cps
Iron	57-2	28907	27916	28217	28347	1.79	cps
Krypton	83-1	673	593	687	651	7.75	cps
Lead	206-1	405651	404237	405243	405044	0.18	cps
Lead	207-1	343974	347906	349100	346993	0.77	cps
Lead	208-1	1613363	1623249	1630368	1622327	0.53	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:15:29	DataFile Name :	014ICV01_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1169725	1161375	1171382	1167494	0.46	cps
Magnesium	24-2	56435	55523	53825	55261	2.40	cps
Manganese	55-2	37058	36176	36477	36570	1.23	cps
Molybdenum	94-1	2798779	2905940	2850447	2851722	1.88	cps
Molybdenum	95-1	3535881	3580778	3535015	3550558	0.74	cps
Molybdenum	96-1	3856477	3977076	3873339	3902297	1.67	cps
Molybdenum	97-1	2177006	2252700	2197274	2208993	1.77	cps
Molybdenum	98-1	5573810	5613021	5639860	5608897	0.59	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40026	37887	38636	38850	2.79	cps
Phosphorus	31-2	150	158	192	167	13.23	cps
Potassium	39-2	81924	81011	81865	81600	0.63	cps
Rhodium	103-1	4353136	4434088	4465629	4417618	1.31	cps
Rhodium	103-2	2005072	1956321	1931378	1964257	1.91	cps
Scandium	45-1	2917799	2958055	2921300	2932385	0.76	cps
Scandium	45-2	90778	87598	87340	88572	2.16	cps
Selenium	82-1	9890	10108	10137	10045	1.35	cps
Selenium	77-2	300	233	250	261	13.29	cps
Selenium	78-2	1008	947	973	976	3.14	cps
Silicon	28-1	1194455	1205536	1223694	1207895	1.22	cps
Silver	109-1	173272	176065	174107	174481	0.82	cps
Silver	107-1	177557	184032	183061	181550	1.92	cps
Sodium	23-2	197223	196095	197600	196973	0.40	cps
Strontium	86-1	413426	421798	420981	418735	1.10	cps
Strontium	88-1	3557819	3567361	3602437	3575872	0.66	cps
Sulfur	34-1	439433	439557	440963	439984	0.19	cps
Terbium	159-1	5333056	5370362	5279221	5327546	0.86	cps
Terbium	159-2	2112750	2051849	2029896	2064832	2.08	cps
Thallium	203-1	490547	500825	504613	498662	1.46	cps
Thallium	205-1	1160645	1184177	1181568	1175463	1.10	cps
Tin	118-1	1047352	1051768	1059511	1052877	0.58	cps
Titanium	47-1	973491	977222	982996	977903	0.49	cps
Uranium	238-1	3792543	3807924	3872799	3824422	1.11	cps
Vanadium	51-2	60782	58593	58787	59387	2.04	cps
Yttrium	89-1	6563744	6636582	6615989	6605438	0.57	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:15:29	DataFile Name :	014ICV01_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	683227	666362	657739	669109	1.94	cps
Zinc	66-2	25484	25282	25104	25290	0.75	cps
Zirconium	90-1	2244942	2259032	2299642	2267872	1.25	cps
Zirconium	91-1	500678	507677	514088	507481	1.32	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590	620	532	581	7.70	cps
Antimony	121-1	6235	6719	6318	6424	4.02	cps
Arsenic	75-2	107	119	113	113	5.31	cps
Barium	135-1	5901	6302	5801	6001	4.41	cps
Barium	137-1	11764	11072	10963	11266	3.86	cps
Beryllium	9-1	608	534	562	568	6.58	cps
Bismuth	209-1	3179353	3179986	3157570	3172303	0.40	cps
Bismuth	209-2	1493762	1500379	1492258	1495467	0.29	cps
Boron	10-1	1048	1218	1392	1219	14.11	cps
Boron	11-1	4932	5682	6530	5715	13.99	cps
Bromine	81-1	1642	1802	1692	1712	4.79	cps
Cadmium	111-1	840	972	974	929	8.23	cps
Cadmium	106-1	1308	1517	1417	1414	7.37	cps
Cadmium	108-1	54	33	79	56	41.31	cps
Calcium	43-1	4167	4201	4459	4276	3.74	cps
Calcium	44-1	79948	82101	79109	80386	1.92	cps
Chromium	52-2	2510	2440	2510	2487	1.63	cps
Cobalt	59-2	1350	1513	1377	1413	6.20	cps
Copper	63-2	2587	2480	2430	2499	3.20	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	23	20	17	52.90	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	4873683	4885273	4944188	4901048	0.77	cps
Holmium	165-2	2065302	2045103	2025781	2045395	0.97	cps
Indium	115-1	4397901	4442055	4466532	4435496	0.78	cps
Indium	115-2	632781	634253	626996	631343	0.61	cps
Iron	54-2	1895	2045	2139	2026	6.08	cps
Iron	56-2	33929	33088	32415	33144	2.29	cps
Iron	57-2	722	861	783	789	8.82	cps
Krypton	83-1	607	690	610	636	7.42	cps
Lead	206-1	2167	2150	2300	2206	3.73	cps
Lead	207-1	2011	2006	2000	2006	0.28	cps
Lead	208-1	8929	9079	9024	9011	0.84	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1146544	1130089	1130438	1135690	0.83	cps
Magnesium	24-2	23720	22209	23478	23136	3.51	cps
Manganese	55-2	437	420	447	434	3.10	cps
Molybdenum	94-1	5918	5626	5843	5796	2.61	cps
Molybdenum	95-1	7661	7761	7978	7800	2.08	cps
Molybdenum	96-1	8786	8353	8136	8425	3.93	cps
Molybdenum	97-1	4734	4601	4984	4773	4.08	cps
Molybdenum	98-1	11580	11964	11638	11727	1.76	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	563	520	567	550	4.73	cps
Phosphorus	31-2	233	275	175	228	22.05	cps
Potassium	39-2	32228	32521	32320	32356	0.46	cps
Rhodium	103-1	4376540	4309068	4427178	4370929	1.36	cps
Rhodium	103-2	1988232	2007964	1961719	1985972	1.17	cps
Scandium	45-1	2884264	2827625	2833604	2848497	1.09	cps
Scandium	45-2	87337	87689	87592	87539	0.21	cps
Selenium	82-1	272	145	268	228	31.76	cps
Selenium	77-2	13	10	20	14	35.26	cps
Selenium	78-2	49	49	38	45	14.02	cps
Silicon	28-1	632287	626564	631883	630245	0.51	cps
Silver	109-1	3967	3417	3526	3637	8.01	cps
Silver	107-1	3942	3951	3225	3706	11.23	cps
Sodium	23-2	64953	64627	62007	63863	2.53	cps
Strontium	86-1	2050	2184	2042	2092	3.80	cps
Strontium	88-1	7669	7452	7511	7544	1.49	cps
Sulfur	34-1	444900	448640	446153	446564	0.43	cps
Terbium	159-1	5211333	5174173	5221740	5202416	0.48	cps
Terbium	159-2	2083492	2082314	2068353	2078053	0.41	cps
Thallium	203-1	2234	2175	2092	2167	3.29	cps
Thallium	205-1	5176	4884	5476	5179	5.71	cps
Tin	118-1	11247	11722	11705	11558	2.33	cps
Titanium	47-1	2467	2342	2492	2434	3.30	cps
Uranium	238-1	6610	6285	7244	6713	7.26	cps
Vanadium	51-2	3180	3127	3064	3124	1.87	cps
Yttrium	89-1	6550322	6472907	6571013	6531414	0.79	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:31:20	DataFile Name :	015LLIC_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	669286	663451	661334	664690	0.62	cps
Zinc	66-2	423	448	402	424	5.42	cps
Zirconium	90-1	4601	4934	4834	4790	3.57	cps
Zirconium	91-1	1092	1050	1208	1117	7.35	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 13:34:08 DataFile Name : 016CCBE_P8042120-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	302	306	286	10.92	cps
Antimony	121-1	42	25	33	33	25.01	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	17	50	17	28	69.27	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	36	32	16	28	37.79	cps
Bismuth	209-1	3214873	3219341	3139860	3191358	1.40	cps
Bismuth	209-2	1455988	1457827	1466042	1459952	0.37	cps
Boron	10-1	510	448	442	467	8.07	cps
Boron	11-1	2456	2246	2088	2263	8.16	cps
Bromine	81-1	1832	1482	1392	1568	14.84	cps
Cadmium	111-1	311	300	273	295	6.63	cps
Cadmium	106-1	1583	1467	1358	1470	7.66	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	425	367	442	411	9.58	cps
Calcium	44-1	17903	17586	17244	17578	1.88	cps
Chromium	52-2	1137	1057	993	1062	6.76	cps
Cobalt	59-2	43	50	37	43	15.38	cps
Copper	63-2	380	370	330	360	7.35	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	8	67	42	72.12	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	4999136	4964966	5036599	5000233	0.72	cps
Holmium	165-2	2016644	1955418	1958200	1976754	1.75	cps
Indium	115-1	4502602	4438864	4497981	4479816	0.79	cps
Indium	115-2	629576	622795	628120	626830	0.57	cps
Iron	54-2	344	289	244	293	17.12	cps
Iron	56-2	2122	1922	1778	1941	8.91	cps
Iron	57-2	67	78	61	69	12.39	cps
Krypton	83-1	657	633	653	648	1.95	cps
Lead	206-1	544	428	389	454	17.84	cps
Lead	207-1	361	350	494	402	20.00	cps
Lead	208-1	1756	1767	1895	1806	4.27	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:34:08	DataFile Name :	016CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1130726	1135367	1114940	1127011	0.95	cps
Magnesium	24-2	192	167	183	181	7.05	cps
Manganese	55-2	20	47	43	37	39.63	cps
Molybdenum	94-1	133	125	92	117	18.90	cps
Molybdenum	95-1	25	8	33	22	57.29	cps
Molybdenum	96-1	125	125	83	111	21.65	cps
Molybdenum	97-1	17	33	0	17	99.99	cps
Molybdenum	98-1	50	17	17	28	69.27	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90	67	60	72	21.81	cps
Phosphorus	31-2	125	108	192	142	31.13	cps
Potassium	39-2	15842	15000	14908	15250	3.38	cps
Rhodium	103-1	4385306	4276813	4349204	4337108	1.27	cps
Rhodium	103-2	1970855	1965811	1956653	1964440	0.37	cps
Scandium	45-1	2888422	2776349	2798640	2821137	2.10	cps
Scandium	45-2	86888	86223	87193	86768	0.57	cps
Selenium	82-1	-53	31	-14	-12	-350.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	30	31	32	9.94	cps
Silicon	28-1	621911	615458	622710	620027	0.64	cps
Silver	109-1	17	0	25	14	91.65	cps
Silver	107-1	50	33	25	36	35.25	cps
Sodium	23-2	17945	17878	18153	17992	0.80	cps
Strontium	86-1	1067	992	1117	1058	5.94	cps
Strontium	88-1	242	125	108	158	45.88	cps
Sulfur	34-1	452480	451624	450549	451551	0.21	cps
Terbium	159-1	5240584	5226843	5273553	5246993	0.46	cps
Terbium	159-2	2004842	2025869	2008335	2013015	0.56	cps
Thallium	203-1	17	33	17	22	43.28	cps
Thallium	205-1	75	67	92	78	16.37	cps
Tin	118-1	283	317	250	283	11.76	cps
Titanium	47-1	492	442	383	439	12.35	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	6631216	6482621	6528072	6547303	1.16	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:34:08	DataFile Name :	016CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	660776	656254	669622	662217	1.03	cps
Zinc	66-2	99	85	72	85	15.50	cps
Zirconium	90-1	225	333	317	292	20.00	cps
Zirconium	91-1	75	58	50	61	20.83	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 13:43:13 DataFile Name : 018ICSA01_P8042120-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322693	1299160	1312442	1311432	0.90	cps
Antimony	121-1	3542	3884	3726	3717	4.60	cps
Arsenic	75-2	28	34	31	31	9.68	cps
Barium	135-1	842	808	750	800	5.80	cps
Barium	137-1	1417	1600	1533	1517	6.12	cps
Beryllium	9-1	144	160	176	160	10.00	cps
Bismuth	209-1	3212917	3204377	3149111	3188802	1.09	cps
Bismuth	209-2	1449596	1436530	1415534	1433887	1.20	cps
Boron	10-1	264	262	238	255	5.68	cps
Boron	11-1	1270	1106	1128	1168	7.62	cps
Bromine	81-1	2042	2273	2202	2172	5.43	cps
Cadmium	111-1	515	443	517	492	8.52	cps
Cadmium	106-1	1408	1125	1317	1283	11.27	cps
Cadmium	108-1	458	408	400	422	7.47	cps
Calcium	43-1	720487	729645	741113	730415	1.41	cps
Calcium	44-1	11433277	11567095	11855273	11618549	1.86	cps
Chromium	52-2	14821	14007	14611	14480	2.92	cps
Cobalt	59-2	1550	1707	1533	1597	5.99	cps
Copper	63-2	8373	7982	8289	8215	2.50	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	33	33	58	42	34.64	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	5141818	5055066	5031868	5076251	1.14	cps
Holmium	165-2	2009819	2020975	1952269	1994354	1.85	cps
Indium	115-1	4504479	4497518	4520340	4507446	0.26	cps
Indium	115-2	623298	624136	612475	619970	1.05	cps
Iron	54-2	2954475	2912643	2897313	2921477	1.01	cps
Iron	56-2	53630697	53626794	53188465	53481985	0.48	cps
Iron	57-2	1331328	1329788	1325282	1328799	0.24	cps
Krypton	83-1	633	647	653	644	1.58	cps
Lead	206-1	8920	9231	8342	8831	5.11	cps
Lead	207-1	7169	7424	6991	7195	3.03	cps
Lead	208-1	34830	35208	33067	34369	3.32	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:43:13	DataFile Name :	018ICSA01_P8042120-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1167345	1136517	1190543	1164802	2.33	cps
Magnesium	24-2	4079058	4054902	4057377	4063779	0.33	cps
Manganese	55-2	2504	2494	2617	2538	2.70	cps
Molybdenum	94-1	1519181	1508872	1556318	1528124	1.63	cps
Molybdenum	95-1	2636707	2628144	2683463	2649438	1.12	cps
Molybdenum	96-1	2809754	2829313	2827197	2822088	0.38	cps
Molybdenum	97-1	1642962	1656123	1699415	1666167	1.77	cps
Molybdenum	98-1	4130225	4173282	4272525	4192011	1.74	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1877	1953	2020	1950	3.68	cps
Phosphorus	31-2	89668	89425	87338	88810	1.44	cps
Potassium	39-2	3097220	2996329	3027423	3040324	1.70	cps
Rhodium	103-1	4336183	4241750	4326532	4301488	1.21	cps
Rhodium	103-2	1920379	1915286	1881109	1905591	1.12	cps
Scandium	45-1	2862462	2816997	2924814	2868091	1.89	cps
Scandium	45-2	87109	85402	84789	85767	1.40	cps
Selenium	82-1	2	-70	-20	-29	-127.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	27	25	23	23.01	cps
Silicon	28-1	678407	677134	678045	677862	0.10	cps
Silver	109-1	75	50	133	86	49.66	cps
Silver	107-1	83	117	150	117	28.57	cps
Sodium	23-2	8142995	8068838	8018255	8076696	0.78	cps
Strontium	86-1	29306	29373	29791	29490	0.89	cps
Strontium	88-1	245563	253789	254177	251176	1.94	cps
Sulfur	34-1	1148497	1168719	1142883	1153366	1.18	cps
Terbium	159-1	5406903	5287003	5320518	5338141	1.16	cps
Terbium	159-2	2036689	2005716	2002416	2014940	0.94	cps
Thallium	203-1	158	100	67	108	42.83	cps
Thallium	205-1	275	342	233	283	19.29	cps
Tin	118-1	633	658	650	647	1.97	cps
Titanium	47-1	724500	741394	745132	737009	1.49	cps
Uranium	238-1	83	108	142	111	26.34	cps
Vanadium	51-2	113	113	70	99	25.30	cps
Yttrium	89-1	6673911	6600007	6627869	6633929	0.56	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:43:13	DataFile Name :	018ICSA01_P8042120-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	660766	662990	647810	657188	1.25	cps
Zinc	66-2	1457	1592	1561	1537	4.61	cps
Zirconium	90-1	342	333	417	364	12.61	cps
Zirconium	91-1	92	67	33	64	45.81	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 13:46:01 DataFile Name : 019ICSB_P8042120-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1286356	1315941	1358070	1320122	2.73	cps
Antimony	121-1	66629	68639	68262	67843	1.57	cps
Arsenic	75-2	1869	1910	1992	1924	3.26	cps
Barium	135-1	12356	13157	13215	12909	3.72	cps
Barium	137-1	22678	22979	22018	22558	2.18	cps
Beryllium	9-1	10578	10480	11092	10716	3.07	cps
Bismuth	209-1	3202618	3214498	3189493	3202203	0.39	cps
Bismuth	209-2	1442914	1451750	1442907	1445857	0.35	cps
Boron	10-1	3400	3474	3594	3489	2.81	cps
Boron	11-1	16680	16916	17393	16996	2.14	cps
Bromine	81-1	2182	2243	2172	2199	1.72	cps
Cadmium	111-1	13204	13835	13282	13440	2.56	cps
Cadmium	106-1	3159	3292	2975	3142	5.06	cps
Cadmium	108-1	1508	1550	1600	1553	2.96	cps
Calcium	43-1	727364	740929	741094	736462	1.07	cps
Calcium	44-1	11682890	11705812	11647191	11678631	0.25	cps
Chromium	52-2	28559	28655	28639	28618	0.18	cps
Cobalt	59-2	27380	27343	27637	27453	0.58	cps
Copper	63-2	28629	27924	28535	28363	1.35	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	25	58	17	33	66.13	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	5030558	5131775	5206391	5122908	1.72	cps
Holmium	165-2	1988726	2039723	2032606	2020351	1.37	cps
Indium	115-1	4537078	4582144	4680972	4600065	1.60	cps
Indium	115-2	628692	632300	624564	628519	0.62	cps
Iron	54-2	2983497	2989533	2970752	2981261	0.32	cps
Iron	56-2	54261190	53968458	54608490	54279379	0.59	cps
Iron	57-2	1342170	1345594	1347016	1344927	0.19	cps
Krypton	83-1	663	693	623	660	5.32	cps
Lead	206-1	42938	43601	43579	43373	0.87	cps
Lead	207-1	36507	36691	36875	36691	0.50	cps
Lead	208-1	168672	171103	169989	169921	0.72	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:46:01	DataFile Name :	019ICSB_P8042120-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1177863	1203064	1207450	1196125	1.33	cps
Magnesium	24-2	4008547	4092986	4102709	4068081	1.27	cps
Manganese	55-2	8586	8599	8649	8612	0.39	cps
Molybdenum	94-1	1679708	1656317	1650896	1662307	0.92	cps
Molybdenum	95-1	2728423	2747119	2749460	2741667	0.42	cps
Molybdenum	96-1	2925960	2938703	2947683	2937448	0.37	cps
Molybdenum	97-1	1716078	1747211	1699346	1720879	1.41	cps
Molybdenum	98-1	4249227	4366154	4302099	4305827	1.36	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	8709	9013	8809	8844	1.75	cps
Phosphorus	31-2	89701	91253	90147	90367	0.88	cps
Potassium	39-2	3056832	3086963	3078435	3074077	0.51	cps
Rhodium	103-1	4273358	4360166	4371383	4334969	1.24	cps
Rhodium	103-2	1912674	1907908	1919326	1913302	0.30	cps
Scandium	45-1	2928861	2907367	2918009	2918079	0.37	cps
Scandium	45-2	85707	86495	86620	86274	0.57	cps
Selenium	82-1	834	889	871	865	3.24	cps
Selenium	77-2	33	13	27	24	41.66	cps
Selenium	78-2	131	99	117	116	13.87	cps
Silicon	28-1	751519	767733	761652	760302	1.08	cps
Silver	109-1	64125	65004	62986	64038	1.58	cps
Silver	107-1	68194	66510	68244	67649	1.46	cps
Sodium	23-2	8124230	8157759	8172450	8151480	0.30	cps
Strontium	86-1	71467	72689	72194	72117	0.85	cps
Strontium	88-1	599305	618047	622465	613272	2.00	cps
Sulfur	34-1	1114493	1129346	1133461	1125766	0.89	cps
Terbium	159-1	5322613	5333075	5383375	5346354	0.61	cps
Terbium	159-2	2067451	2056679	2041565	2055232	0.63	cps
Thallium	203-1	42169	43858	43666	43231	2.14	cps
Thallium	205-1	100987	100919	101858	101255	0.52	cps
Tin	118-1	106624	106706	108210	107180	0.83	cps
Titanium	47-1	757924	755685	768694	760768	0.91	cps
Uranium	238-1	339654	344798	342103	342185	0.75	cps
Vanadium	51-2	10831	10931	11278	11013	2.13	cps
Yttrium	89-1	6453003	6733523	6788065	6658197	2.70	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:46:01	DataFile Name :	019ICSB_P8042120-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	667135	658962	658235	661444	0.75	cps
Zinc	66-2	3579	3420	3492	3497	2.28	cps
Zirconium	90-1	227718	230264	234007	230663	1.37	cps
Zirconium	91-1	51806	51228	52115	51716	0.87	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	835395	837937	834958	836097	0.19	cps
Antimony	121-1	1759973	1769829	1739428	1756410	0.88	cps
Arsenic	75-2	51748	52639	52559	52315	0.94	cps
Barium	135-1	1621324	1633305	1606791	1620474	0.82	cps
Barium	137-1	2863579	2891818	2861646	2872348	0.59	cps
Beryllium	9-1	300749	305819	309263	305277	1.40	cps
Bismuth	209-1	3242329	3195463	3213055	3216949	0.74	cps
Bismuth	209-2	1450744	1474603	1487133	1470827	1.26	cps
Boron	10-1	20440	23454	25914	23269	11.78	cps
Boron	11-1	98932	115408	125671	113337	11.90	cps
Bromine	81-1	1782	1742	1992	1839	7.31	cps
Cadmium	111-1	362724	368226	373473	368141	1.46	cps
Cadmium	106-1	40443	41329	40560	40777	1.18	cps
Cadmium	108-1	27624	28617	29223	28488	2.83	cps
Calcium	43-1	1930437	1971186	1962925	1954849	1.10	cps
Calcium	44-1	30984740	31754774	31679590	31473035	1.35	cps
Chromium	52-2	391580	399613	396364	395852	1.02	cps
Cobalt	59-2	716404	718154	720918	718492	0.32	cps
Copper	63-2	5520511	5655024	5616616	5597384	1.24	cps
Dysprosium	156-1	100	117	108	108	7.69	cps
Dysprosium	156-2	37	60	47	48	24.50	cps
Erbium	164-1	17	58	33	36	58.07	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	100	125	125	117	12.37	cps
Gadolinium	160-2	80	63	50	64	23.32	cps
Holmium	165-1	5158958	5214706	5027629	5133764	1.87	cps
Holmium	165-2	2029174	2060480	2085704	2058453	1.38	cps
Indium	115-1	4673188	4686721	4622259	4660723	0.73	cps
Indium	115-2	643817	656310	651022	650383	0.96	cps
Iron	54-2	4094616	4017613	3999988	4037406	1.25	cps
Iron	56-2	73777666	75071049	75205927	74684880	1.06	cps
Iron	57-2	1875611	1850308	1859979	1861966	0.69	cps
Krypton	83-1	670	653	687	670	2.49	cps
Lead	206-1	4791768	4827399	4857549	4825572	0.68	cps
Lead	207-1	4341774	4431077	4443824	4405558	1.26	cps
Lead	208-1	19550235	19634822	19781552	19655536	0.60	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1193731	1271493	1221814	1229013	3.20	cps
Magnesium	24-2	11264395	11444763	11439409	11382856	0.90	cps
Manganese	55-2	1832189	1815143	1822323	1823218	0.47	cps
Molybdenum	94-1	3025923	3085450	3125801	3079058	1.63	cps
Molybdenum	95-1	3739822	3779363	3780005	3766397	0.61	cps
Molybdenum	96-1	4111742	4207808	4174214	4164588	1.17	cps
Molybdenum	97-1	2347265	2348126	2363798	2353063	0.40	cps
Molybdenum	98-1	5895998	5969658	5959360	5941672	0.67	cps
Neodymium	150-1	40	67	33	47	37.80	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	200205	203815	200969	201663	0.94	cps
Phosphorus	31-2	10204	10537	10838	10526	3.01	cps
Potassium	39-2	4182045	4222999	4290742	4231929	1.30	cps
Rhodium	103-1	4375859	4367604	4180678	4308047	2.56	cps
Rhodium	103-2	1932639	1972952	1968038	1957876	1.12	cps
Scandium	45-1	2906793	2949094	2835480	2897122	1.98	cps
Scandium	45-2	87727	87377	90265	88456	1.78	cps
Selenium	82-1	25048	25398	25705	25384	1.29	cps
Selenium	77-2	663	753	630	682	9.35	cps
Selenium	78-2	2282	2408	2373	2355	2.76	cps
Silicon	28-1	1377914	1491527	1505702	1458381	4.80	cps
Silver	109-1	1826834	1850835	1881366	1853012	1.47	cps
Silver	107-1	1914073	1933575	1935428	1927692	0.61	cps
Sodium	23-2	22213081	21904512	22118387	22078660	0.72	cps
Strontium	86-1	462438	472261	469890	468197	1.09	cps
Strontium	88-1	3976968	4006943	4016946	4000286	0.52	cps
Sulfur	34-1	548262	548175	546079	547505	0.23	cps
Terbium	159-1	5538631	5511093	5446997	5498907	0.86	cps
Terbium	159-2	2104753	2106753	2132163	2114557	0.72	cps
Thallium	203-1	1189175	1184362	1199241	1190926	0.64	cps
Thallium	205-1	2772064	2742952	2777053	2764023	0.67	cps
Tin	118-1	1167092	1178461	1178623	1174725	0.56	cps
Titanium	47-1	1001843	1017773	1033519	1017712	1.56	cps
Uranium	238-1	3867647	3938230	3967230	3924369	1.31	cps
Vanadium	51-2	309866	312515	307006	309796	0.89	cps
Yttrium	89-1	6749391	6802866	6621387	6724548	1.39	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 13:56:15	DataFile Name :	022CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678744	694338	687969	687017	1.14	cps
Zinc	66-2	735036	739063	749433	741177	1.00	cps
Zirconium	90-1	2527051	2562765	2568972	2552929	0.89	cps
Zirconium	91-1	561355	569868	574868	568697	1.20	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:14:06 DataFile Name : 023CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	248	268	322	279	13.70	cps
Antimony	121-1	17	83	17	39	98.97	cps
Arsenic	75-2	3	4	4	4	15.75	cps
Barium	135-1	42	42	8	31	62.99	cps
Barium	137-1	42	67	75	61	28.38	cps
Beryllium	9-1	40	48	38	42	12.60	cps
Bismuth	209-1	3304396	3251204	3251105	3268902	0.94	cps
Bismuth	209-2	1518979	1528172	1525841	1524331	0.31	cps
Boron	10-1	684	702	686	691	1.43	cps
Boron	11-1	3270	3246	3346	3287	1.59	cps
Bromine	81-1	2263	2072	2333	2222	6.06	cps
Cadmium	111-1	268	285	296	283	5.07	cps
Cadmium	106-1	1367	1450	1417	1411	2.97	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	233	367	325	308	22.12	cps
Calcium	44-1	17161	16743	16693	16866	1.52	cps
Chromium	52-2	1173	1177	947	1099	12.00	cps
Cobalt	59-2	40	50	50	47	12.37	cps
Copper	63-2	553	603	593	583	4.54	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	23	10	13	66.12	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	5150443	5024390	5113125	5095986	1.27	cps
Holmium	165-2	2103672	2062412	2086107	2084064	0.99	cps
Indium	115-1	4611232	4572831	4534560	4572874	0.84	cps
Indium	115-2	643318	648151	644074	645181	0.40	cps
Iron	54-2	311	333	344	330	5.15	cps
Iron	56-2	2417	2511	2478	2469	1.94	cps
Iron	57-2	61	100	89	83	24.04	cps
Krypton	83-1	643	573	653	623	6.99	cps
Lead	206-1	761	694	717	724	4.69	cps
Lead	207-1	756	661	656	691	8.14	cps
Lead	208-1	3122	3034	3150	3102	1.96	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:14:06	DataFile Name :	023CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1198482	1188830	1173319	1186877	1.07	cps
Magnesium	24-2	200	167	275	214	25.94	cps
Manganese	55-2	97	47	40	61	50.68	cps
Molybdenum	94-1	158	100	75	111	38.49	cps
Molybdenum	95-1	83	17	25	42	87.18	cps
Molybdenum	96-1	133	183	142	153	17.53	cps
Molybdenum	97-1	8	8	33	17	86.62	cps
Molybdenum	98-1	67	92	42	67	37.50	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	93	87	80	87	7.69	cps
Phosphorus	31-2	108	167	183	153	25.78	cps
Potassium	39-2	16168	15676	15225	15689	3.01	cps
Rhodium	103-1	4504879	4470735	4309272	4428296	2.36	cps
Rhodium	103-2	2062091	2037978	2034762	2044944	0.73	cps
Scandium	45-1	2864619	2870275	2909160	2881351	0.84	cps
Scandium	45-2	88483	90627	88293	89134	1.45	cps
Selenium	82-1	-54	33	7	-5	-930.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	22	13	17	28.35	cps
Silicon	28-1	597940	596668	593366	595992	0.40	cps
Silver	109-1	50	25	0	25	100.00	cps
Silver	107-1	67	33	75	58	37.80	cps
Sodium	23-2	21742	22701	21834	22092	2.40	cps
Strontium	86-1	950	933	1075	986	7.85	cps
Strontium	88-1	133	242	133	169	36.91	cps
Sulfur	34-1	434619	435645	440481	436915	0.72	cps
Terbium	159-1	5462032	5349677	5396898	5402869	1.04	cps
Terbium	159-2	2125991	2147714	2141108	2138271	0.52	cps
Thallium	203-1	125	117	92	111	15.61	cps
Thallium	205-1	233	242	250	242	3.45	cps
Tin	118-1	192	317	308	272	25.67	cps
Titanium	47-1	525	525	242	431	37.99	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	13	3	0	6	124.93	cps
Yttrium	89-1	6628968	6559232	6667102	6618434	0.83	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:14:06	DataFile Name :	023CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	680065	680156	677967	679396	0.18	cps
Zinc	66-2	152	135	112	133	15.21	cps
Zirconium	90-1	275	258	358	297	18.03	cps
Zirconium	91-1	67	58	108	78	34.44	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:16:54 DataFile Name : 024LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514	650	544	569	12.55	cps
Antimony	121-1	6060	6760	6202	6341	5.84	cps
Arsenic	75-2	105	113	112	110	3.96	cps
Barium	135-1	6368	6435	6452	6418	0.69	cps
Barium	137-1	10696	11480	11005	11060	3.57	cps
Beryllium	9-1	592	582	572	582	1.72	cps
Bismuth	209-1	3262491	3240807	3174827	3226041	1.42	cps
Bismuth	209-2	1487357	1518362	1495346	1500355	1.07	cps
Boron	10-1	1204	1394	1632	1410	15.21	cps
Boron	11-1	5868	6874	7578	6774	12.69	cps
Bromine	81-1	1722	1802	1792	1772	2.46	cps
Cadmium	111-1	1013	1015	924	984	5.31	cps
Cadmium	106-1	1400	1425	1450	1425	1.75	cps
Cadmium	108-1	42	58	71	57	25.69	cps
Calcium	43-1	4026	4342	4167	4178	3.80	cps
Calcium	44-1	79420	81154	78565	79713	1.66	cps
Chromium	52-2	2640	2584	2544	2589	1.88	cps
Cobalt	59-2	1403	1270	1383	1352	5.32	cps
Copper	63-2	2654	2710	2707	2690	1.18	cps
Dysprosium	156-1	8	0	42	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	23	20	3	16	68.90	cps
Holmium	165-1	5004194	5096532	4984507	5028411	1.19	cps
Holmium	165-2	2034018	2098730	2014693	2049147	2.15	cps
Indium	115-1	4428170	4596616	4540179	4521655	1.90	cps
Indium	115-2	638358	643254	636692	639435	0.53	cps
Iron	54-2	2017	1978	2022	2006	1.21	cps
Iron	56-2	33005	32994	32949	32983	0.09	cps
Iron	57-2	722	811	839	791	7.71	cps
Krypton	83-1	750	573	617	647	14.24	cps
Lead	206-1	2517	2295	2317	2376	5.15	cps
Lead	207-1	2367	2184	2256	2269	4.07	cps
Lead	208-1	9896	10080	9635	9870	2.26	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:16:54	DataFile Name :	024LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1160292	1203050	1164338	1175893	2.01	cps
Magnesium	24-2	22660	23519	23202	23127	1.88	cps
Manganese	55-2	410	413	437	420	3.46	cps
Molybdenum	94-1	6043	6235	6210	6163	1.69	cps
Molybdenum	95-1	7110	7677	7269	7352	3.98	cps
Molybdenum	96-1	7794	8695	8444	8311	5.59	cps
Molybdenum	97-1	4651	4609	4276	4512	4.56	cps
Molybdenum	98-1	11747	11814	11563	11708	1.11	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	487	507	460	484	4.83	cps
Phosphorus	31-2	267	250	258	258	3.23	cps
Potassium	39-2	32145	31594	32095	31944	0.95	cps
Rhodium	103-1	4338634	4510939	4362498	4404024	2.12	cps
Rhodium	103-2	1992515	1991079	1970945	1984846	0.61	cps
Scandium	45-1	2902159	2900702	2910616	2904492	0.18	cps
Scandium	45-2	87953	87488	88081	87841	0.36	cps
Selenium	82-1	160	385	291	278	40.55	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	39	55	49	48	16.97	cps
Silicon	28-1	609013	613399	604333	608915	0.74	cps
Silver	109-1	3609	3734	3559	3634	2.48	cps
Silver	107-1	3742	3926	3801	3823	2.45	cps
Sodium	23-2	66485	66636	65656	66259	0.80	cps
Strontium	86-1	1950	1942	1884	1925	1.89	cps
Strontium	88-1	7844	7827	7319	7663	3.90	cps
Sulfur	34-1	446293	440885	442963	443380	0.62	cps
Terbium	159-1	5304298	5382482	5337540	5341440	0.73	cps
Terbium	159-2	2091697	2104729	2085777	2094067	0.46	cps
Thallium	203-1	2075	2584	2184	2281	11.74	cps
Thallium	205-1	5301	5351	5101	5251	2.52	cps
Tin	118-1	11230	11146	11722	11366	2.74	cps
Titanium	47-1	2259	2017	2350	2209	7.80	cps
Uranium	238-1	7027	6960	6710	6899	2.42	cps
Vanadium	51-2	3130	3100	3080	3104	0.81	cps
Yttrium	89-1	6691714	6676093	6610673	6659494	0.65	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:16:54	DataFile Name :	024LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675381	676103	672044	674509	0.32	cps
Zinc	66-2	465	402	402	423	8.56	cps
Zirconium	90-1	4876	4376	4784	4679	5.69	cps
Zirconium	91-1	1092	1075	1075	1081	0.89	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:31:00 DataFile Name : 026SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326	286	350	321	10.08	cps
Antimony	121-1	775	767	675	739	7.51	cps
Arsenic	75-2	22	26	25	24	8.55	cps
Barium	135-1	575	625	658	619	6.77	cps
Barium	137-1	1192	1142	1292	1208	6.32	cps
Beryllium	9-1	136	160	182	159	14.44	cps
Bismuth	209-1	3144802	3221752	3081825	3149460	2.23	cps
Bismuth	209-2	1493806	1473899	1485434	1484380	0.67	cps
Boron	10-1	328	326	286	313	7.56	cps
Boron	11-1	1574	1552	1540	1555	1.11	cps
Bromine	81-1	1752	1782	1922	1819	5.00	cps
Cadmium	111-1	460	392	435	429	8.04	cps
Cadmium	106-1	1408	1325	1383	1372	3.12	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	417	458	475	450	6.68	cps
Calcium	44-1	18821	18037	19597	18818	4.15	cps
Chromium	52-2	1420	1337	1243	1333	6.63	cps
Cobalt	59-2	350	377	383	370	4.77	cps
Copper	63-2	917	893	803	871	6.87	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	4889185	4926357	4869207	4894916	0.59	cps
Holmium	165-2	2029660	1999728	2052269	2027219	1.30	cps
Indium	115-1	4451637	4468736	4499510	4473295	0.54	cps
Indium	115-2	633939	630988	632358	632428	0.23	cps
Iron	54-2	617	761	728	702	10.78	cps
Iron	56-2	8191	8547	8341	8360	2.14	cps
Iron	57-2	306	161	311	259	32.80	cps
Krypton	83-1	700	677	653	677	3.45	cps
Lead	206-1	1111	956	1145	1070	9.42	cps
Lead	207-1	817	800	961	859	10.31	cps
Lead	208-1	3984	3839	4267	4030	5.40	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:31:00	DataFile Name :	026SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1112077	1173388	1119735	1135067	2.94	cps
Magnesium	24-2	1308	1125	1142	1192	8.51	cps
Manganese	55-2	227	207	177	203	12.38	cps
Molybdenum	94-1	1183	1333	1200	1239	6.64	cps
Molybdenum	95-1	1317	1367	1125	1270	10.05	cps
Molybdenum	96-1	1458	1550	1450	1486	3.73	cps
Molybdenum	97-1	817	892	892	867	5.00	cps
Molybdenum	98-1	2309	2117	2342	2256	5.38	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	180	173	164	13.03	cps
Phosphorus	31-2	125	267	183	192	37.15	cps
Potassium	39-2	15676	15367	15333	15459	1.22	cps
Rhodium	103-1	4420046	4454922	4374004	4416324	0.92	cps
Rhodium	103-2	1981710	1985177	1988481	1985123	0.17	cps
Scandium	45-1	2834934	2880637	2797114	2837562	1.47	cps
Scandium	45-2	87884	88109	88216	88069	0.19	cps
Selenium	82-1	6	74	123	68	86.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	43	39	38	13.13	cps
Silicon	28-1	600288	600929	598166	599794	0.24	cps
Silver	109-1	842	775	975	864	11.79	cps
Silver	107-1	767	825	825	806	4.18	cps
Sodium	23-2	22067	22209	23052	22443	2.37	cps
Strontium	86-1	1017	1317	1233	1189	13.03	cps
Strontium	88-1	1859	1884	2117	1953	7.30	cps
Sulfur	34-1	440719	439680	446360	442253	0.81	cps
Terbium	159-1	5307068	5257880	5136904	5233950	1.67	cps
Terbium	159-2	2091318	2042472	2046525	2060105	1.32	cps
Thallium	203-1	567	483	567	539	8.93	cps
Thallium	205-1	1292	1258	1150	1233	6.01	cps
Tin	118-1	708	833	775	772	8.10	cps
Titanium	47-1	925	708	808	814	13.32	cps
Uranium	238-1	1558	1417	1442	1472	5.14	cps
Vanadium	51-2	163	183	127	158	18.22	cps
Yttrium	89-1	6548714	6572687	6547926	6556442	0.21	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:31:00	DataFile Name :	026SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	665127	667205	665008	665780	0.19	cps
Zinc	66-2	166	159	212	179	16.08	cps
Zirconium	90-1	1225	1325	1100	1217	9.27	cps
Zirconium	91-1	225	225	267	239	10.07	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT2-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:34:29 DataFile Name : 027LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580	526	602	569	6.87	cps
Antimony	121-1	6377	6769	6877	6674	3.94	cps
Arsenic	75-2	108	82	103	98	14.12	cps
Barium	135-1	6327	6360	6969	6552	5.52	cps
Barium	137-1	11088	11222	11797	11369	3.31	cps
Beryllium	9-1	580	558	614	584	4.83	cps
Bismuth	209-1	3352310	3267551	3454107	3357989	2.78	cps
Bismuth	209-2	1441405	1478246	1472934	1464195	1.36	cps
Boron	10-1	966	1060	1264	1096	13.89	cps
Boron	11-1	4366	5114	5928	5136	15.21	cps
Bromine	81-1	1762	1612	1772	1715	5.23	cps
Cadmium	111-1	1084	1021	1124	1076	4.82	cps
Cadmium	106-1	1775	1450	1683	1636	10.24	cps
Cadmium	108-1	54	63	83	67	22.53	cps
Calcium	43-1	4317	4034	4501	4284	5.49	cps
Calcium	44-1	76782	77911	81364	78685	3.03	cps
Chromium	52-2	2477	2617	2614	2569	3.11	cps
Cobalt	59-2	1437	1463	1430	1443	1.22	cps
Copper	63-2	2454	2514	2570	2512	2.32	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	5158921	5008542	5347837	5171767	3.29	cps
Holmium	165-2	2004634	2006166	2008576	2006458	0.10	cps
Indium	115-1	4597371	4646115	4975897	4739795	4.34	cps
Indium	115-2	619170	625117	626178	623488	0.61	cps
Iron	54-2	1911	2061	1995	1989	3.78	cps
Iron	56-2	31385	32888	31930	32068	2.37	cps
Iron	57-2	861	906	950	906	4.91	cps
Krypton	83-1	733	573	690	666	12.43	cps
Lead	206-1	2361	2400	2556	2439	4.22	cps
Lead	207-1	1995	1950	2172	2039	5.77	cps
Lead	208-1	9151	9346	10235	9577	6.03	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:34:29	DataFile Name :	027LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1169315	1160863	1223629	1184602	2.88	cps
Magnesium	24-2	22192	23812	22735	22913	3.60	cps
Manganese	55-2	420	400	383	401	4.58	cps
Molybdenum	94-1	6051	6493	6043	6196	4.16	cps
Molybdenum	95-1	7611	7377	8069	7686	4.58	cps
Molybdenum	96-1	8219	8645	8803	8556	3.53	cps
Molybdenum	97-1	4376	4759	4968	4701	6.39	cps
Molybdenum	98-1	12122	11363	12723	12069	5.64	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	527	467	427	473	10.63	cps
Phosphorus	31-2	192	183	183	186	2.58	cps
Potassium	39-2	30884	31351	31694	31309	1.30	cps
Rhodium	103-1	4485799	4500760	4734341	4573633	3.05	cps
Rhodium	103-2	1913131	1991190	1951129	1951817	2.00	cps
Scandium	45-1	2990177	2923134	3003815	2972375	1.45	cps
Scandium	45-2	84903	85996	87263	86054	1.37	cps
Selenium	82-1	161	270	226	219	25.16	cps
Selenium	77-2	17	3	13	11	62.48	cps
Selenium	78-2	64	41	53	53	21.85	cps
Silicon	28-1	614386	617814	624952	619051	0.87	cps
Silver	109-1	3809	3734	4042	3862	4.17	cps
Silver	107-1	4092	3984	4334	4137	4.33	cps
Sodium	23-2	63497	63949	63154	63533	0.63	cps
Strontium	86-1	2025	1934	2225	2061	7.24	cps
Strontium	88-1	7410	8094	8311	7939	5.92	cps
Sulfur	34-1	445780	446253	453589	448540	0.98	cps
Terbium	159-1	5464602	5325766	5672582	5487650	3.18	cps
Terbium	159-2	2037035	2032143	2046224	2038468	0.35	cps
Thallium	203-1	2309	2125	2550	2328	9.16	cps
Thallium	205-1	5626	5168	5710	5501	5.30	cps
Tin	118-1	11664	12031	12581	12092	3.82	cps
Titanium	47-1	2184	2575	2667	2475	10.37	cps
Uranium	238-1	6769	6727	7027	6841	2.38	cps
Vanadium	51-2	3157	3000	3140	3099	2.78	cps
Yttrium	89-1	6775661	6766439	7112577	6884892	2.86	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT2-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:34:29	DataFile Name :	027LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	656072	657689	655049	656270	0.20	cps
Zinc	66-2	394	383	484	420	13.20	cps
Zirconium	90-1	4559	4451	4709	4573	2.84	cps
Zirconium	91-1	1083	1017	1100	1067	4.13	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:37:17 DataFile Name : 028SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	298	320	307	3.70	cps
Antimony	121-1	833	700	742	758	8.99	cps
Arsenic	75-2	25	24	32	27	16.14	cps
Barium	135-1	758	742	792	764	3.33	cps
Barium	137-1	1283	1367	1225	1292	5.51	cps
Beryllium	9-1	138	168	150	152	9.94	cps
Bismuth	209-1	3196135	3239364	3177080	3204193	1.00	cps
Bismuth	209-2	1502850	1474898	1486578	1488108	0.94	cps
Boron	10-1	436	414	366	405	8.83	cps
Boron	11-1	1980	1796	1664	1813	8.75	cps
Bromine	81-1	1662	1742	1772	1725	3.30	cps
Cadmium	111-1	457	376	442	425	10.08	cps
Cadmium	106-1	1417	1192	1483	1364	11.21	cps
Cadmium	108-1	8	29	13	17	66.16	cps
Calcium	43-1	467	442	433	447	3.88	cps
Calcium	44-1	18512	19330	18713	18852	2.26	cps
Chromium	52-2	1197	1210	1360	1256	7.22	cps
Cobalt	59-2	290	347	370	336	12.26	cps
Copper	63-2	720	870	767	786	9.77	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	13	0	20	11	91.66	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	17	13	3	11	62.48	cps
Holmium	165-1	5084123	5084960	4893898	5020993	2.19	cps
Holmium	165-2	2014022	2009459	2045348	2022943	0.97	cps
Indium	115-1	4536506	4498358	4424231	4486365	1.27	cps
Indium	115-2	635532	628171	627788	630497	0.69	cps
Iron	54-2	683	750	628	687	8.91	cps
Iron	56-2	8208	8264	8208	8227	0.39	cps
Iron	57-2	150	250	189	196	25.68	cps
Krypton	83-1	713	633	663	670	6.03	cps
Lead	206-1	956	917	906	926	2.84	cps
Lead	207-1	750	961	761	824	14.42	cps
Lead	208-1	3873	3817	3795	3828	1.05	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:37:17 DataFile Name : 028SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1163879	1160529	1139287	1154565	1.16	cps
Magnesium	24-2	1167	1083	1317	1189	9.95	cps
Manganese	55-2	210	180	237	209	13.57	cps
Molybdenum	94-1	1217	1192	1342	1250	6.43	cps
Molybdenum	95-1	1450	1408	1292	1383	5.93	cps
Molybdenum	96-1	1475	1650	1567	1564	5.60	cps
Molybdenum	97-1	875	967	767	869	11.52	cps
Molybdenum	98-1	2134	2050	2259	2147	4.88	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	167	157	161	3.16	cps
Phosphorus	31-2	158	108	133	133	18.75	cps
Potassium	39-2	14357	15300	15959	15206	5.29	cps
Rhodium	103-1	4410327	4401102	4365545	4392324	0.54	cps
Rhodium	103-2	2024136	1998863	1949037	1990679	1.92	cps
Scandium	45-1	2948212	2933734	2871088	2917678	1.40	cps
Scandium	45-2	87766	87796	87880	87814	0.07	cps
Selenium	82-1	15	58	98	57	72.91	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	29	24	29	27	10.56	cps
Silicon	28-1	607461	602603	601598	603887	0.52	cps
Silver	109-1	908	900	775	861	8.67	cps
Silver	107-1	958	708	842	836	14.96	cps
Sodium	23-2	22676	22184	21441	22100	2.81	cps
Strontium	86-1	1392	1192	1300	1295	7.73	cps
Strontium	88-1	1967	2209	1992	2056	6.47	cps
Sulfur	34-1	442801	450024	449781	447535	0.92	cps
Terbium	159-1	5264021	5315925	5176706	5252218	1.34	cps
Terbium	159-2	2092874	2036950	2064003	2064609	1.35	cps
Thallium	203-1	492	567	625	561	11.91	cps
Thallium	205-1	1292	1450	1283	1342	7.00	cps
Tin	118-1	733	808	642	728	11.47	cps
Titanium	47-1	758	683	808	750	8.39	cps
Uranium	238-1	1692	1467	1500	1553	7.82	cps
Vanadium	51-2	137	153	163	151	8.92	cps
Yttrium	89-1	6609229	6684363	6577642	6623745	0.83	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:37:17	DataFile Name :	028SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	677593	661354	667278	668742	1.23	cps
Zinc	66-2	175	130	142	149	15.61	cps
Zirconium	90-1	1267	1100	1408	1258	12.27	cps
Zirconium	91-1	342	275	350	322	12.76	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:40:07 DataFile Name : 029LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	618	566	712	632	11.71	cps
Antimony	121-1	6343	6510	6243	6366	2.12	cps
Arsenic	75-2	95	81	100	92	10.70	cps
Barium	135-1	5977	6418	5943	6113	4.34	cps
Barium	137-1	11247	10755	11096	11033	2.29	cps
Beryllium	9-1	612	608	568	596	4.08	cps
Bismuth	209-1	3284827	3248872	3238396	3257365	0.75	cps
Bismuth	209-2	1516837	1551595	1537194	1535209	1.14	cps
Boron	10-1	940	1172	1194	1102	12.77	cps
Boron	11-1	4594	5288	5842	5241	11.93	cps
Bromine	81-1	1672	1772	1732	1725	2.92	cps
Cadmium	111-1	985	988	915	963	4.31	cps
Cadmium	106-1	1600	1550	1467	1539	4.38	cps
Cadmium	108-1	38	50	71	53	31.90	cps
Calcium	43-1	3917	4359	4267	4181	5.58	cps
Calcium	44-1	79880	78899	80282	79687	0.89	cps
Chromium	52-2	2540	2624	2307	2490	6.59	cps
Cobalt	59-2	1533	1477	1313	1441	7.93	cps
Copper	63-2	2580	2674	2567	2607	2.23	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	17	7	0	8	107.84	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	5152699	4997243	4939948	5029963	2.19	cps
Holmium	165-2	2053390	2129390	2089956	2090912	1.82	cps
Indium	115-1	4680381	4540724	4601659	4607588	1.52	cps
Indium	115-2	648892	660775	654437	654701	0.91	cps
Iron	54-2	2122	2017	1911	2017	5.23	cps
Iron	56-2	33412	33551	33083	33348	0.72	cps
Iron	57-2	822	711	833	789	8.57	cps
Krypton	83-1	610	650	593	618	4.71	cps
Lead	206-1	2400	2434	2389	2408	0.96	cps
Lead	207-1	2245	2084	2184	2171	3.75	cps
Lead	208-1	9874	9985	9802	9887	0.93	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:40:07 DataFile Name : 029LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1178718	1160976	1175195	1171630	0.80	cps
Magnesium	24-2	23645	23294	23444	23461	0.75	cps
Manganese	55-2	333	430	390	384	12.63	cps
Molybdenum	94-1	6160	6360	6051	6190	2.53	cps
Molybdenum	95-1	7594	7436	7294	7441	2.02	cps
Molybdenum	96-1	8519	8303	8044	8289	2.87	cps
Molybdenum	97-1	4601	4534	4859	4665	3.68	cps
Molybdenum	98-1	12322	11372	11897	11864	4.01	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	540	553	453	516	10.53	cps
Phosphorus	31-2	150	217	200	189	18.37	cps
Potassium	39-2	32312	32537	31986	32278	0.86	cps
Rhodium	103-1	4491007	4439705	4399468	4443393	1.03	cps
Rhodium	103-2	2013195	2062594	2017130	2030973	1.35	cps
Scandium	45-1	2948338	2874924	2924352	2915871	1.28	cps
Scandium	45-2	88340	88262	89554	88719	0.82	cps
Selenium	82-1	268	236	301	268	11.95	cps
Selenium	77-2	20	7	7	11	69.25	cps
Selenium	78-2	41	51	33	42	21.66	cps
Silicon	28-1	618123	613232	621331	617562	0.66	cps
Silver	109-1	3576	3676	3676	3642	1.59	cps
Silver	107-1	4051	4051	3842	3981	3.02	cps
Sodium	23-2	63104	65037	65648	64596	2.06	cps
Strontium	86-1	1834	1875	1875	1861	1.29	cps
Strontium	88-1	7911	7827	8428	8055	4.04	cps
Sulfur	34-1	451821	450079	440696	447532	1.34	cps
Terbium	159-1	5331343	5284834	5373260	5329812	0.83	cps
Terbium	159-2	2114825	2181696	2179559	2158693	1.76	cps
Thallium	203-1	2209	2275	2109	2197	3.82	cps
Thallium	205-1	5376	4884	5126	5129	4.80	cps
Tin	118-1	11880	11555	11447	11627	1.94	cps
Titanium	47-1	2292	2325	2659	2425	8.36	cps
Uranium	238-1	7186	7002	6852	7013	2.38	cps
Vanadium	51-2	3024	3080	2910	3005	2.88	cps
Yttrium	89-1	6657273	6747634	6601336	6668748	1.11	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:40:07	DataFile Name :	029LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	690872	694944	687748	691188	0.52	cps
Zinc	66-2	354	362	357	358	1.18	cps
Zirconium	90-1	4709	4518	4818	4681	3.25	cps
Zirconium	91-1	1208	967	1042	1072	11.54	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:42:55 DataFile Name : 030SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322	272	348	314	12.30	cps
Antimony	121-1	775	708	792	758	5.82	cps
Arsenic	75-2	33	27	36	32	14.32	cps
Barium	135-1	842	708	642	731	13.94	cps
Barium	137-1	1042	1358	1275	1225	13.40	cps
Beryllium	9-1	144	148	140	144	2.78	cps
Bismuth	209-1	3248911	3212304	3223175	3228130	0.58	cps
Bismuth	209-2	1510880	1399476	1494253	1468203	4.09	cps
Boron	10-1	418	374	362	385	7.66	cps
Boron	11-1	1940	1768	1804	1837	4.94	cps
Bromine	81-1	1822	2022	1882	1909	5.38	cps
Cadmium	111-1	451	458	445	451	1.39	cps
Cadmium	106-1	1375	1525	1400	1433	5.61	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	500	508	383	464	15.07	cps
Calcium	44-1	18370	19030	18971	18790	1.94	cps
Chromium	52-2	1297	1147	1353	1266	8.44	cps
Cobalt	59-2	347	307	353	336	7.52	cps
Copper	63-2	683	917	870	823	15.00	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	33	75	25	44	60.28	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	4922754	4987145	5044986	4984962	1.23	cps
Holmium	165-2	2026966	1918313	2056915	2000731	3.65	cps
Indium	115-1	4597687	4563190	4523412	4561429	0.81	cps
Indium	115-2	638319	593558	627700	619859	3.77	cps
Iron	54-2	706	589	722	672	10.81	cps
Iron	56-2	8364	8069	8575	8336	3.05	cps
Iron	57-2	228	244	228	233	4.12	cps
Krypton	83-1	697	697	647	680	4.25	cps
Lead	206-1	1072	950	1056	1026	6.46	cps
Lead	207-1	928	883	767	859	9.68	cps
Lead	208-1	4023	3639	3911	3858	5.11	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:42:55 DataFile Name : 030SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1169425	1133084	1151352	1151287	1.58	cps
Magnesium	24-2	1125	1250	1392	1256	10.63	cps
Manganese	55-2	173	217	203	198	11.22	cps
Molybdenum	94-1	1250	1242	1150	1214	4.57	cps
Molybdenum	95-1	1317	1267	1383	1322	4.43	cps
Molybdenum	96-1	1733	1492	1458	1561	9.61	cps
Molybdenum	97-1	925	817	858	867	6.31	cps
Molybdenum	98-1	2092	2200	2067	2120	3.35	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	123	133	130	4.44	cps
Phosphorus	31-2	158	158	217	178	18.94	cps
Potassium	39-2	15308	15309	15375	15331	0.25	cps
Rhodium	103-1	4464880	4530360	4483297	4492845	0.75	cps
Rhodium	103-2	2016965	1887476	1951286	1951909	3.32	cps
Scandium	45-1	2893113	2854859	2863008	2870327	0.70	cps
Scandium	45-2	88048	82165	85479	85231	3.46	cps
Selenium	82-1	50	49	80	60	29.75	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	34	29	43	35	20.08	cps
Silicon	28-1	610352	605897	603186	606478	0.60	cps
Silver	109-1	742	783	733	753	3.56	cps
Silver	107-1	867	775	967	869	11.03	cps
Sodium	23-2	21750	22610	22318	22226	1.97	cps
Strontium	86-1	1225	1233	1275	1245	2.15	cps
Strontium	88-1	2125	2184	1633	1981	15.25	cps
Sulfur	34-1	444758	449962	451749	448823	0.81	cps
Terbium	159-1	5342643	5342223	5319187	5334684	0.25	cps
Terbium	159-2	2090350	1994173	2046078	2043534	2.36	cps
Thallium	203-1	467	575	525	522	10.38	cps
Thallium	205-1	1108	1642	1417	1389	19.28	cps
Tin	118-1	792	875	775	814	6.58	cps
Titanium	47-1	667	783	708	719	8.22	cps
Uranium	238-1	1667	1500	1492	1553	6.36	cps
Vanadium	51-2	183	140	170	164	13.50	cps
Yttrium	89-1	6607046	6638305	6638124	6627825	0.27	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:42:55	DataFile Name :	030SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	673681	632023	672899	659534	3.61	cps
Zinc	66-2	200	121	159	160	24.64	cps
Zirconium	90-1	1158	1458	1258	1292	11.83	cps
Zirconium	91-1	342	225	350	306	22.87	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-08RE Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:45:45 DataFile Name : 031LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	568	588	566	574	2.12	cps
Antimony	121-1	6485	6593	6335	6471	2.01	cps
Arsenic	75-2	104	111	98	104	6.24	cps
Barium	135-1	6410	6752	6493	6552	2.72	cps
Barium	137-1	11789	11905	11188	11627	3.31	cps
Beryllium	9-1	588	594	588	590	0.59	cps
Bismuth	209-1	3325111	3296074	3305542	3308909	0.45	cps
Bismuth	209-2	1522315	1499287	1504022	1508541	0.81	cps
Boron	10-1	882	1140	1366	1129	21.44	cps
Boron	11-1	4346	5366	5806	5173	14.48	cps
Bromine	81-1	1482	1762	1842	1695	11.16	cps
Cadmium	111-1	1011	1073	986	1024	4.36	cps
Cadmium	106-1	1483	1592	1583	1553	3.88	cps
Cadmium	108-1	63	71	79	71	11.77	cps
Calcium	43-1	4317	3942	4084	4115	4.60	cps
Calcium	44-1	79888	80677	80626	80397	0.55	cps
Chromium	52-2	2624	2604	2564	2597	1.18	cps
Cobalt	59-2	1450	1447	1387	1428	2.50	cps
Copper	63-2	2550	2490	2477	2506	1.56	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	25	19	89.21	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	58	33	25	39	44.62	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	5152444	5058359	5177080	5129294	1.22	cps
Holmium	165-2	2078995	2017243	2048282	2048173	1.51	cps
Indium	115-1	4724160	4612900	4635647	4657569	1.26	cps
Indium	115-2	641169	638076	635624	638290	0.44	cps
Iron	54-2	1906	1939	1811	1885	3.52	cps
Iron	56-2	32860	33055	32025	32647	1.68	cps
Iron	57-2	739	806	944	830	12.64	cps
Krypton	83-1	587	573	763	641	16.54	cps
Lead	206-1	2556	2311	2328	2398	5.70	cps
Lead	207-1	2267	2022	2161	2150	5.70	cps
Lead	208-1	9829	9668	9479	9659	1.81	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : L2182-08RE Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 14:45:45 DataFile Name : 031LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1179862	1163151	1164180	1169064	0.80	cps
Magnesium	24-2	24588	25105	23386	24360	3.62	cps
Manganese	55-2	433	440	377	417	8.35	cps
Molybdenum	94-1	6302	6510	6285	6366	1.97	cps
Molybdenum	95-1	8094	7744	7727	7855	2.64	cps
Molybdenum	96-1	8353	8803	8661	8606	2.68	cps
Molybdenum	97-1	4634	4959	4651	4748	3.86	cps
Molybdenum	98-1	12556	12564	12598	12573	0.18	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	523	533	523	527	1.10	cps
Phosphorus	31-2	192	175	250	206	19.16	cps
Potassium	39-2	32145	32128	32412	32228	0.49	cps
Rhodium	103-1	4585781	4495160	4556453	4545798	1.02	cps
Rhodium	103-2	2041026	1983388	2015525	2013313	1.43	cps
Scandium	45-1	2961248	2964959	2928777	2951661	0.67	cps
Scandium	45-2	89071	88098	86998	88056	1.18	cps
Selenium	82-1	382	356	89	276	58.99	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	51	43	49	48	8.74	cps
Silicon	28-1	616769	623444	615726	618646	0.68	cps
Silver	109-1	4017	3634	3601	3751	6.18	cps
Silver	107-1	3817	4217	4192	4076	5.50	cps
Sodium	23-2	64945	64895	65221	65020	0.27	cps
Strontium	86-1	1934	1934	2075	1981	4.13	cps
Strontium	88-1	7552	8144	8336	8011	5.10	cps
Sulfur	34-1	455559	452923	454425	454302	0.29	cps
Terbium	159-1	5468539	5448856	5522119	5479838	0.69	cps
Terbium	159-2	2129914	2096738	2097273	2107975	0.90	cps
Thallium	203-1	2259	2517	2284	2353	6.06	cps
Thallium	205-1	5276	5485	5618	5460	3.16	cps
Tin	118-1	12256	11947	11539	11914	3.02	cps
Titanium	47-1	2067	2367	2375	2270	7.74	cps
Uranium	238-1	7502	7461	7252	7405	1.81	cps
Vanadium	51-2	3087	3020	3004	3037	1.45	cps
Yttrium	89-1	6755396	6719658	6788837	6754630	0.51	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	L2182-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:45:45	DataFile Name :	031LLCC_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	685802	677203	674195	679067	0.89	cps
Zinc	66-2	450	483	442	458	4.80	cps
Zirconium	90-1	4851	5059	5093	5001	2.62	cps
Zirconium	91-1	1158	1092	1083	1111	3.70	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246	266	240	251	5.43	cps
Antimony	121-1	8	8	17	11	43.34	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	25	50	8	28	75.51	cps
Barium	137-1	75	33	25	44	60.28	cps
Beryllium	9-1	18	46	28	31	46.26	cps
Bismuth	209-1	3260791	3259585	3293287	3271221	0.58	cps
Bismuth	209-2	1452074	1472276	1452603	1458985	0.79	cps
Boron	10-1	204	164	144	171	17.90	cps
Boron	11-1	708	706	714	709	0.59	cps
Bromine	81-1	1812	1962	1712	1829	6.89	cps
Cadmium	111-1	315	297	303	305	3.02	cps
Cadmium	106-1	1492	1458	1542	1497	2.80	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	442	333	325	367	17.75	cps
Calcium	44-1	16068	16018	16009	16032	0.20	cps
Chromium	52-2	1103	1010	1137	1083	6.06	cps
Cobalt	59-2	30	40	40	37	15.75	cps
Copper	63-2	343	310	303	319	6.72	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	4985326	4984653	5199259	5056412	2.45	cps
Holmium	165-2	1989882	1979259	1963711	1977618	0.67	cps
Indium	115-1	4513792	4531182	4661623	4568865	1.77	cps
Indium	115-2	614341	623841	631373	623185	1.37	cps
Iron	54-2	394	294	294	328	17.62	cps
Iron	56-2	2145	2050	1850	2015	7.46	cps
Iron	57-2	89	83	61	78	18.90	cps
Krypton	83-1	647	703	657	669	4.52	cps
Lead	206-1	578	450	456	494	14.61	cps
Lead	207-1	394	494	461	450	11.31	cps
Lead	208-1	1906	2067	2072	2015	4.70	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1115454	1118064	1128727	1120748	0.63	cps
Magnesium	24-2	158	150	117	142	15.56	cps
Manganese	55-2	67	63	37	56	29.59	cps
Molybdenum	94-1	100	150	125	125	20.00	cps
Molybdenum	95-1	33	17	25	25	33.32	cps
Molybdenum	96-1	92	125	183	133	34.80	cps
Molybdenum	97-1	0	17	8	8	100.02	cps
Molybdenum	98-1	0	8	25	11	114.58	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	50	70	66	21.17	cps
Phosphorus	31-2	158	125	133	139	12.49	cps
Potassium	39-2	15275	15100	16285	15553	4.11	cps
Rhodium	103-1	4381919	4322532	4444182	4382878	1.39	cps
Rhodium	103-2	1943539	1972986	2000182	1972235	1.44	cps
Scandium	45-1	2861384	2885062	2918513	2888320	0.99	cps
Scandium	45-2	85735	87907	86080	86574	1.35	cps
Selenium	82-1	8	-89	-43	-41	-116.43	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	31	15	21	41.51	cps
Silicon	28-1	599039	597384	603316	599913	0.51	cps
Silver	109-1	17	17	0	11	86.60	cps
Silver	107-1	83	25	17	42	87.18	cps
Sodium	23-2	19380	19706	18979	19355	1.88	cps
Strontium	86-1	1000	1217	1050	1089	10.42	cps
Strontium	88-1	108	92	142	114	22.35	cps
Sulfur	34-1	448160	447792	448511	448154	0.08	cps
Terbium	159-1	5338032	5272423	5532799	5381085	2.52	cps
Terbium	159-2	2028228	2059683	2043262	2043724	0.77	cps
Thallium	203-1	42	42	25	36	26.65	cps
Thallium	205-1	133	100	117	117	14.29	cps
Tin	118-1	192	225	242	219	11.60	cps
Titanium	47-1	475	517	492	494	4.24	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	6600893	6460551	6680425	6580623	1.69	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BL	Instrumnet Name :	P8
Client Sample ID :	PB128432BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 14:58:27	DataFile Name :	032SMPL_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	645735	663213	667577	658842	1.75	cps
Zinc	66-2	86	92	79	86	7.79	cps
Zirconium	90-1	275	283	267	275	3.03	cps
Zirconium	91-1	75	83	92	83	10.00	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	276	256	257	7.01	cps
Antimony	121-1	25	25	42	31	31.50	cps
Arsenic	75-2	3	4	4	4	15.75	cps
Barium	135-1	25	33	17	25	33.32	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	38	10	22	23	60.19	cps
Bismuth	209-1	3211652	3246342	3283364	3247119	1.10	cps
Bismuth	209-2	1527860	1511547	1529268	1522892	0.65	cps
Boron	10-1	162	168	124	151	15.77	cps
Boron	11-1	670	648	666	661	1.77	cps
Bromine	81-1	1662	1902	1632	1732	8.55	cps
Cadmium	111-1	306	304	243	284	12.52	cps
Cadmium	106-1	1525	1542	1225	1431	12.46	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	308	258	292	286	8.90	cps
Calcium	44-1	15409	15676	15542	15542	0.86	cps
Chromium	52-2	1283	1153	1127	1188	7.06	cps
Cobalt	59-2	57	37	53	49	21.91	cps
Copper	63-2	353	310	350	338	7.14	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	50	33	75	53	39.74	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	4985599	4915858	5059797	4987085	1.44	cps
Holmium	165-2	2068914	2076489	2103643	2083015	0.88	cps
Indium	115-1	4622777	4475213	4605604	4567864	1.77	cps
Indium	115-2	638656	649225	647718	645200	0.89	cps
Iron	54-2	278	300	250	276	9.08	cps
Iron	56-2	2072	2406	2089	2189	8.58	cps
Iron	57-2	61	39	78	59	32.92	cps
Krypton	83-1	667	657	680	668	1.75	cps
Lead	206-1	422	561	544	509	14.89	cps
Lead	207-1	394	450	428	424	6.59	cps
Lead	208-1	1989	2050	2089	2043	2.47	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1137015	1131072	1138627	1135571	0.35	cps
Magnesium	24-2	200	133	117	150	29.40	cps
Manganese	55-2	43	60	43	49	19.69	cps
Molybdenum	94-1	83	67	150	100	44.10	cps
Molybdenum	95-1	50	0	8	19	137.78	cps
Molybdenum	96-1	67	158	83	103	47.51	cps
Molybdenum	97-1	17	0	0	6	173.21	cps
Molybdenum	98-1	25	0	17	14	91.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	83	73	83	12.00	cps
Phosphorus	31-2	258	200	125	194	34.38	cps
Potassium	39-2	14533	15692	15517	15247	4.10	cps
Rhodium	103-1	4386089	4477833	4567398	4477106	2.02	cps
Rhodium	103-2	2014536	2040965	1970608	2008703	1.77	cps
Scandium	45-1	2885748	2913108	2924786	2907881	0.69	cps
Scandium	45-2	89242	89182	89433	89285	0.15	cps
Selenium	82-1	32	-12	-41	-7	-531.97	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	20	29	29	26	19.99	cps
Silicon	28-1	598570	601693	602500	600921	0.35	cps
Silver	109-1	0	0	17	6	173.21	cps
Silver	107-1	25	33	42	33	25.01	cps
Sodium	23-2	18779	19121	19313	19071	1.42	cps
Strontium	86-1	1117	1258	1083	1153	8.06	cps
Strontium	88-1	92	75	58	75	22.22	cps
Sulfur	34-1	451878	451098	454757	452578	0.43	cps
Terbium	159-1	5366043	5304717	5503822	5391527	1.89	cps
Terbium	159-2	2085204	2112179	2205320	2134234	2.95	cps
Thallium	203-1	58	50	33	47	26.97	cps
Thallium	205-1	67	117	92	92	27.27	cps
Tin	118-1	225	250	158	211	22.45	cps
Titanium	47-1	492	492	392	458	12.60	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	6561201	6702216	6666133	6643183	1.10	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BL	Instrumnet Name :	P8
Client Sample ID :	PB128433BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:01:16	DataFile Name :	033CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	672189	685574	678303	678689	0.99	cps
Zinc	66-2	82	122	85	96	23.38	cps
Zirconium	90-1	283	367	283	311	15.47	cps
Zirconium	91-1	117	100	67	94	26.96	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155668	155133	153638	154813	0.68	cps
Antimony	121-1	1639915	1693692	1689513	1674373	1.79	cps
Arsenic	75-2	49949	50028	50690	50222	0.81	cps
Barium	135-1	1527946	1588690	1613952	1576863	2.80	cps
Barium	137-1	2732197	2811182	2817089	2786823	1.70	cps
Beryllium	9-1	278555	287413	286391	284120	1.71	cps
Bismuth	209-1	3332385	3378263	3359623	3356757	0.69	cps
Bismuth	209-2	1522918	1530940	1521424	1525094	0.34	cps
Boron	10-1	14719	18322	21379	18140	18.38	cps
Boron	11-1	71459	89464	102720	87881	17.85	cps
Bromine	81-1	1852	1932	1972	1919	3.19	cps
Cadmium	111-1	348957	358451	362270	356559	1.92	cps
Cadmium	106-1	37326	39783	40385	39165	4.14	cps
Cadmium	108-1	25875	27411	28008	27098	4.06	cps
Calcium	43-1	390737	402480	411513	401577	2.59	cps
Calcium	44-1	6263274	6329243	6427738	6340085	1.31	cps
Chromium	52-2	369347	373152	372451	371650	0.54	cps
Cobalt	59-2	673995	679048	680697	677913	0.52	cps
Copper	63-2	5299310	5348696	5372424	5340143	0.70	cps
Dysprosium	156-1	25	58	17	33	66.14	cps
Dysprosium	156-2	13	10	30	18	60.28	cps
Erbium	164-1	8	8	75	31	125.98	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	75	92	58	75	22.23	cps
Gadolinium	160-2	17	13	23	18	28.64	cps
Holmium	165-1	5189052	5344107	5263250	5265469	1.47	cps
Holmium	165-2	2096443	2077177	2097079	2090233	0.54	cps
Indium	115-1	4604241	4721418	4680461	4668706	1.27	cps
Indium	115-2	634671	643927	650335	642977	1.22	cps
Iron	54-2	808606	807950	805937	807498	0.17	cps
Iron	56-2	14777981	14496340	14640026	14638116	0.96	cps
Iron	57-2	361443	363867	364386	363232	0.43	cps
Krypton	83-1	623	657	707	662	6.33	cps
Lead	206-1	4533888	4783005	4784926	4700606	3.07	cps
Lead	207-1	4133895	4368915	4385280	4296030	3.27	cps
Lead	208-1	18445196	19510437	19530520	19162051	3.24	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1166304	1164565	1162239	1164369	0.18	cps
Magnesium	24-2	2364693	2324122	2326736	2338517	0.97	cps
Manganese	55-2	1709005	1745093	1749639	1734579	1.28	cps
Molybdenum	94-1	2883948	2993382	3026467	2967932	2.51	cps
Molybdenum	95-1	3541830	3699191	3693387	3644803	2.45	cps
Molybdenum	96-1	3921162	4010750	4098886	4010266	2.22	cps
Molybdenum	97-1	2264880	2296353	2314250	2291828	1.09	cps
Molybdenum	98-1	5692313	5710189	5832667	5745057	1.33	cps
Neodymium	150-1	53	47	47	49	7.86	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	188683	187001	188241	187975	0.46	cps
Phosphorus	31-2	10529	10287	9637	10151	4.55	cps
Potassium	39-2	843453	851394	849041	847963	0.48	cps
Rhodium	103-1	4480216	4553509	4527620	4520448	0.82	cps
Rhodium	103-2	1992980	2007254	1984034	1994756	0.59	cps
Scandium	45-1	2933244	3012006	2947862	2964370	1.41	cps
Scandium	45-2	89091	89641	90338	89690	0.70	cps
Selenium	82-1	24229	24573	24990	24597	1.55	cps
Selenium	77-2	627	573	693	631	9.53	cps
Selenium	78-2	2217	2333	2304	2285	2.64	cps
Silicon	28-1	1303202	1358865	1348682	1336917	2.22	cps
Silver	109-1	1743337	1789741	1782727	1771935	1.41	cps
Silver	107-1	1775026	1890960	1897244	1854410	3.71	cps
Sodium	23-2	4389770	4411397	4384853	4395340	0.32	cps
Strontium	86-1	444170	452301	460082	452184	1.76	cps
Strontium	88-1	3794564	3958854	3975339	3909586	2.56	cps
Sulfur	34-1	563541	564595	561934	563356	0.24	cps
Terbium	159-1	5519659	5625690	5546941	5564097	0.99	cps
Terbium	159-2	2136461	2147388	2175888	2153246	0.95	cps
Thallium	203-1	1130658	1163581	1188482	1160907	2.50	cps
Thallium	205-1	2563645	2732013	2774519	2690059	4.15	cps
Tin	118-1	1109796	1143433	1160006	1137745	2.25	cps
Titanium	47-1	979996	992088	1005405	992496	1.28	cps
Uranium	238-1	3708073	3818727	3875481	3800760	2.24	cps
Vanadium	51-2	294355	292387	294702	293815	0.42	cps
Yttrium	89-1	6720544	6988414	6756315	6821758	2.13	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128432BS	Instrumnet Name :	P8
Client Sample ID :	PB128432BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:04:07	DataFile Name :	034LCS6_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678001	681907	691128	683678	0.99	cps
Zinc	66-2	677276	678362	685808	680482	0.68	cps
Zirconium	90-1	2385333	2417493	2495539	2432788	2.33	cps
Zirconium	91-1	529947	555071	555947	546988	2.70	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834730	828123	831254	831369	0.40	cps
Antimony	121-1	1730977	1772117	1743856	1748984	1.20	cps
Arsenic	75-2	51203	51595	51358	51385	0.38	cps
Barium	135-1	1623143	1628229	1618222	1623198	0.31	cps
Barium	137-1	2857123	2920269	2889636	2889009	1.09	cps
Beryllium	9-1	304453	308016	306362	306277	0.58	cps
Bismuth	209-1	3185738	3222286	3294176	3234067	1.71	cps
Bismuth	209-2	1472714	1484836	1465515	1474355	0.66	cps
Boron	10-1	21812	25473	27127	24804	10.97	cps
Boron	11-1	105656	120260	129267	118394	10.06	cps
Bromine	81-1	1802	1492	1522	1605	10.67	cps
Cadmium	111-1	363510	370810	367146	367155	0.99	cps
Cadmium	106-1	41087	40694	41380	41053	0.84	cps
Cadmium	108-1	27348	27331	27978	27553	1.34	cps
Calcium	43-1	1928053	1950271	1895344	1924556	1.44	cps
Calcium	44-1	31009819	31550255	30795127	31118400	1.25	cps
Chromium	52-2	397153	393503	387656	392771	1.22	cps
Cobalt	59-2	706820	712698	708091	709203	0.44	cps
Copper	63-2	5476439	5527333	5494117	5499296	0.47	cps
Dysprosium	156-1	117	125	117	119	4.03	cps
Dysprosium	156-2	47	43	37	42	12.06	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	23	17	7	16	53.90	cps
Gadolinium	160-1	167	167	133	156	12.37	cps
Gadolinium	160-2	50	80	43	58	33.81	cps
Holmium	165-1	5077518	5140490	5330297	5182768	2.54	cps
Holmium	165-2	2042111	2061519	2126549	2076726	2.13	cps
Indium	115-1	4527420	4494196	4695535	4572384	2.36	cps
Indium	115-2	641116	640995	640670	640927	0.04	cps
Iron	54-2	4000004	4016490	3999555	4005349	0.24	cps
Iron	56-2	74351663	73929285	73038038	73772995	0.91	cps
Iron	57-2	1866265	1888887	1846017	1867056	1.15	cps
Krypton	83-1	663	637	683	661	3.54	cps
Lead	206-1	4739832	4869612	4699059	4769501	1.87	cps
Lead	207-1	4345976	4444869	4372312	4387719	1.17	cps
Lead	208-1	19462792	19872362	19402218	19579124	1.31	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1120252	1091970	1158793	1123672	2.99	cps
Magnesium	24-2	11532080	11201827	11301747	11345218	1.49	cps
Manganese	55-2	1802947	1791445	1772098	1788830	0.87	cps
Molybdenum	94-1	3120951	3043593	3098943	3087829	1.29	cps
Molybdenum	95-1	3765317	3753259	3772035	3763537	0.25	cps
Molybdenum	96-1	4107220	4176749	4225121	4169697	1.42	cps
Molybdenum	97-1	2356565	2361833	2364269	2360889	0.17	cps
Molybdenum	98-1	5858282	5931042	5990993	5926772	1.12	cps
Neodymium	150-1	47	47	67	53	21.65	cps
Neodymium	150-2	17	20	7	14	48.02	cps
Nickel	60-2	198414	197261	197437	197704	0.31	cps
Phosphorus	31-2	10262	10462	10571	10432	1.50	cps
Potassium	39-2	4211369	4216710	4217248	4215109	0.08	cps
Rhodium	103-1	4222448	4237154	4460642	4306748	3.10	cps
Rhodium	103-2	1908060	1898313	1922112	1909495	0.63	cps
Scandium	45-1	2952035	2889137	2952301	2931157	1.24	cps
Scandium	45-2	89533	88004	88451	88663	0.89	cps
Selenium	82-1	25117	25025	24929	25024	0.38	cps
Selenium	77-2	663	760	620	681	10.52	cps
Selenium	78-2	2299	2396	2257	2318	3.08	cps
Silicon	28-1	1418736	1486144	1517615	1474165	3.43	cps
Silver	109-1	1825515	1876434	1833584	1845178	1.48	cps
Silver	107-1	1924042	1942198	1913035	1926425	0.76	cps
Sodium	23-2	22445994	22072199	21917232	22145142	1.23	cps
Strontium	86-1	462060	468794	461763	464206	0.86	cps
Strontium	88-1	3967541	3993765	3964826	3975377	0.40	cps
Sulfur	34-1	547563	556082	552022	551889	0.77	cps
Terbium	159-1	5408306	5448692	5571326	5476108	1.55	cps
Terbium	159-2	2173818	2132259	2126546	2144208	1.20	cps
Thallium	203-1	1174631	1186857	1176783	1179424	0.55	cps
Thallium	205-1	2762929	2806715	2694963	2754869	2.04	cps
Tin	118-1	1152906	1168957	1167836	1163233	0.77	cps
Titanium	47-1	1020349	1026357	1019071	1021926	0.38	cps
Uranium	238-1	3811027	3963820	3921030	3898626	2.02	cps
Vanadium	51-2	302956	302605	304429	303330	0.32	cps
Yttrium	89-1	6520590	6718247	6785998	6674945	2.07	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:06:55	DataFile Name :	035CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	681067	681597	673033	678566	0.71	cps
Zinc	66-2	727461	731473	730799	729911	0.29	cps
Zirconium	90-1	2532184	2524587	2545595	2534122	0.42	cps
Zirconium	91-1	563125	567379	575337	568614	1.09	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	242	244	254	7.51	cps
Antimony	121-1	83	42	50	58	37.80	cps
Arsenic	75-2	6	6	2	5	49.49	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	33	33	17	28	34.63	cps
Beryllium	9-1	36	48	44	43	14.32	cps
Bismuth	209-1	3108431	3152313	3190857	3150534	1.31	cps
Bismuth	209-2	1452566	1444883	1431536	1442995	0.74	cps
Boron	10-1	1122	1084	1028	1078	4.39	cps
Boron	11-1	5248	5134	5172	5185	1.12	cps
Bromine	81-1	1632	1912	1842	1795	8.13	cps
Cadmium	111-1	280	266	238	262	8.17	cps
Cadmium	106-1	1383	1317	1192	1297	7.50	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	292	392	292	325	17.76	cps
Calcium	44-1	15609	15876	15926	15804	1.08	cps
Chromium	52-2	1110	1167	1130	1136	2.53	cps
Cobalt	59-2	43	60	47	50	17.64	cps
Copper	63-2	760	697	523	660	18.56	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	17	58	17	31	78.72	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	4881016	4813786	4854961	4849921	0.70	cps
Holmium	165-2	1978094	2008120	1981020	1989078	0.83	cps
Indium	115-1	4416224	4329324	4447984	4397844	1.40	cps
Indium	115-2	619471	616622	603739	613277	1.37	cps
Iron	54-2	339	356	372	356	4.69	cps
Iron	56-2	2295	2145	2606	2348	10.02	cps
Iron	57-2	67	83	61	70	16.44	cps
Krypton	83-1	600	700	720	673	9.55	cps
Lead	206-1	850	817	761	809	5.55	cps
Lead	207-1	789	733	772	765	3.73	cps
Lead	208-1	3345	3195	3228	3256	2.42	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1082030	1080731	1112576	1091779	1.65	cps
Magnesium	24-2	217	192	192	200	7.22	cps
Manganese	55-2	67	40	70	59	27.92	cps
Molybdenum	94-1	150	150	142	147	3.27	cps
Molybdenum	95-1	83	92	25	67	54.49	cps
Molybdenum	96-1	183	125	75	128	42.44	cps
Molybdenum	97-1	75	67	50	64	19.92	cps
Molybdenum	98-1	92	58	83	78	22.31	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	90	120	96	23.22	cps
Phosphorus	31-2	183	183	175	181	2.66	cps
Potassium	39-2	15701	15742	15484	15642	0.89	cps
Rhodium	103-1	4234005	4324847	4309426	4289426	1.13	cps
Rhodium	103-2	1981831	1960933	1884792	1942519	2.63	cps
Scandium	45-1	2769572	2755415	2788993	2771326	0.61	cps
Scandium	45-2	85419	85178	83189	84595	1.45	cps
Selenium	82-1	23	-22	-82	-27	-196.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	26	28	28	5.52	cps
Silicon	28-1	592580	595271	588687	592179	0.56	cps
Silver	109-1	33	33	17	28	34.63	cps
Silver	107-1	33	33	75	47	50.95	cps
Sodium	23-2	20949	21967	21066	21327	2.61	cps
Strontium	86-1	1167	867	967	1000	15.28	cps
Strontium	88-1	100	83	117	100	16.66	cps
Sulfur	34-1	427959	426758	427965	427561	0.16	cps
Terbium	159-1	5150336	5198212	5179404	5175984	0.47	cps
Terbium	159-2	2057174	2034225	2000663	2030687	1.40	cps
Thallium	203-1	200	258	275	244	16.11	cps
Thallium	205-1	500	442	492	478	6.60	cps
Tin	118-1	242	200	258	233	12.88	cps
Titanium	47-1	458	375	333	389	16.37	cps
Uranium	238-1	17	42	0	19	107.85	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	6331629	6451575	6374357	6385854	0.95	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:15:54	DataFile Name :	036CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	661475	653053	633402	649310	2.22	cps
Zinc	66-2	112	85	102	100	13.79	cps
Zirconium	90-1	325	308	325	319	3.01	cps
Zirconium	91-1	50	42	50	47	10.18	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252	266	206	241	13.01	cps
Antimony	121-1	25	50	58	44	39.03	cps
Arsenic	75-2	3	6	3	4	43.30	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	17	50	17	28	69.27	cps
Beryllium	9-1	40	34	46	40	15.00	cps
Bismuth	209-1	3156187	3227919	3143517	3175874	1.43	cps
Bismuth	209-2	1445776	1446161	1441066	1444334	0.20	cps
Boron	10-1	812	848	832	831	2.17	cps
Boron	11-1	3908	3686	3726	3773	3.14	cps
Bromine	81-1	1341	1972	1952	1755	20.43	cps
Cadmium	111-1	253	280	288	274	6.70	cps
Cadmium	106-1	1233	1433	1358	1342	7.53	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Calcium	43-1	350	258	425	344	24.23	cps
Calcium	44-1	15634	16293	16168	16032	2.18	cps
Chromium	52-2	1040	1013	1167	1073	7.63	cps
Cobalt	59-2	33	13	17	21	50.75	cps
Copper	63-2	493	523	423	480	10.69	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	4875630	4961673	4854379	4897227	1.16	cps
Holmium	165-2	1974305	1940360	1967341	1960669	0.91	cps
Indium	115-1	4490967	4517530	4450339	4486279	0.75	cps
Indium	115-2	625131	617369	613838	618779	0.93	cps
Iron	54-2	306	294	283	294	3.77	cps
Iron	56-2	2072	1861	2034	1989	5.65	cps
Iron	57-2	61	61	67	63	5.10	cps
Krypton	83-1	723	757	627	702	9.62	cps
Lead	206-1	783	756	661	733	8.74	cps
Lead	207-1	544	617	683	615	11.30	cps
Lead	208-1	2789	2922	2972	2895	3.27	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1097391	1125675	1089647	1104238	1.72	cps
Magnesium	24-2	200	125	267	197	35.94	cps
Manganese	55-2	57	43	77	59	28.49	cps
Molybdenum	94-1	150	75	150	125	34.64	cps
Molybdenum	95-1	67	8	33	36	81.06	cps
Molybdenum	96-1	183	142	133	153	17.53	cps
Molybdenum	97-1	25	8	8	14	69.31	cps
Molybdenum	98-1	58	42	75	58	28.57	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	67	77	72	7.05	cps
Phosphorus	31-2	175	100	125	133	28.64	cps
Potassium	39-2	14958	15083	15000	15014	0.42	cps
Rhodium	103-1	4333936	4325034	4328149	4329040	0.10	cps
Rhodium	103-2	1934925	1931873	1881890	1916229	1.55	cps
Scandium	45-1	2756914	2826183	2770930	2784675	1.32	cps
Scandium	45-2	85557	84510	85482	85183	0.69	cps
Selenium	82-1	-68	-88	-9	-55	-74.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	28	25	26	6.66	cps
Silicon	28-1	589379	591994	593860	591744	0.38	cps
Silver	109-1	42	33	0	25	88.19	cps
Silver	107-1	25	25	67	39	61.86	cps
Sodium	23-2	21141	19705	20356	20401	3.52	cps
Strontium	86-1	1008	1008	842	953	10.10	cps
Strontium	88-1	100	58	100	86	27.94	cps
Sulfur	34-1	428652	431243	432162	430686	0.42	cps
Terbium	159-1	5174283	5283613	5227335	5228410	1.05	cps
Terbium	159-2	2071431	1999531	1993463	2021475	2.15	cps
Thallium	203-1	67	108	67	81	29.86	cps
Thallium	205-1	308	258	325	297	11.67	cps
Tin	118-1	267	258	283	269	4.72	cps
Titanium	47-1	300	350	375	342	11.18	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	7	7	20	11	69.25	cps
Yttrium	89-1	6363576	6522181	6380707	6422155	1.36	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BL	Instrumnet Name :	P8
Client Sample ID :	PB128429BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:20:15	DataFile Name :	037CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	664652	648501	644950	652701	1.61	cps
Zinc	66-2	92	103	100	98	5.51	cps
Zirconium	90-1	417	283	483	394	25.82	cps
Zirconium	91-1	92	108	50	83	36.06	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : PB128433BS Instrumnet Name : P8
 Client Sample ID : PB128433BS Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 15:23:06 DataFile Name : 038LCSS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151548	152326	150342	151406	0.66	cps
Antimony	121-1	1581875	1614532	1615310	1603906	1.19	cps
Arsenic	75-2	49541	49292	49164	49332	0.39	cps
Barium	135-1	1505804	1527227	1532163	1521731	0.92	cps
Barium	137-1	2600389	2695675	2745358	2680474	2.75	cps
Beryllium	9-1	264990	269324	272247	268854	1.36	cps
Bismuth	209-1	3205109	3207006	3228156	3213424	0.40	cps
Bismuth	209-2	1508531	1497449	1470672	1492217	1.30	cps
Boron	10-1	14318	17419	19940	17226	16.35	cps
Boron	11-1	68780	84142	95936	82953	16.42	cps
Bromine	81-1	1522	1692	1802	1672	8.45	cps
Cadmium	111-1	335997	346370	345316	342561	1.67	cps
Cadmium	106-1	37803	39207	37552	38187	2.34	cps
Cadmium	108-1	25194	25891	26847	25977	3.19	cps
Calcium	43-1	380653	383812	385668	383378	0.66	cps
Calcium	44-1	6060967	6015651	6241646	6106088	1.96	cps
Chromium	52-2	367792	366604	367677	367358	0.18	cps
Cobalt	59-2	671692	665939	661316	666316	0.78	cps
Copper	63-2	5287034	5153100	5229949	5223361	1.29	cps
Dysprosium	156-1	33	58	17	36	58.07	cps
Dysprosium	156-2	23	7	17	16	53.90	cps
Erbium	164-1	58	17	17	31	78.71	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	67	42	33	47	36.74	cps
Gadolinium	160-2	33	17	17	22	43.28	cps
Holmium	165-1	5046569	5013855	5033633	5031352	0.33	cps
Holmium	165-2	2079236	2091763	2028675	2066558	1.62	cps
Indium	115-1	4484209	4506786	4572384	4521126	1.01	cps
Indium	115-2	634114	639505	628829	634149	0.84	cps
Iron	54-2	792839	792240	788171	791083	0.32	cps
Iron	56-2	14608355	14456735	14381459	14482183	0.80	cps
Iron	57-2	361138	353656	359391	358062	1.09	cps
Krypton	83-1	730	637	630	666	8.40	cps
Lead	206-1	4415491	4547532	4489694	4484239	1.48	cps
Lead	207-1	4054986	4087856	4133413	4092085	0.96	cps
Lead	208-1	17908294	18335918	18435158	18226457	1.54	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BS	Instrumnet Name :	P8
Client Sample ID :	PB128433BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:23:06	DataFile Name :	038LCSS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1083509	1101887	1119987	1101795	1.66	cps
Magnesium	24-2	2294738	2284750	2244532	2274674	1.17	cps
Manganese	55-2	1757099	1717297	1703636	1726010	1.61	cps
Molybdenum	94-1	2859250	2876281	2878986	2871506	0.37	cps
Molybdenum	95-1	3477228	3485566	3546817	3503203	1.08	cps
Molybdenum	96-1	3825887	3871175	3859078	3852047	0.61	cps
Molybdenum	97-1	2157632	2289370	2224411	2223804	2.96	cps
Molybdenum	98-1	5336208	5534920	5665781	5512303	3.01	cps
Neodymium	150-1	60	53	53	56	6.93	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	183237	185533	184937	184569	0.65	cps
Phosphorus	31-2	9779	9362	9645	9595	2.22	cps
Potassium	39-2	840525	826120	825699	830781	1.02	cps
Rhodium	103-1	4301477	4390208	4412472	4368052	1.34	cps
Rhodium	103-2	1952812	1970403	1916011	1946409	1.43	cps
Scandium	45-1	2867769	2806691	2922532	2865664	2.02	cps
Scandium	45-2	87394	87789	86503	87229	0.76	cps
Selenium	82-1	23133	23516	23915	23521	1.66	cps
Selenium	77-2	647	687	717	683	5.14	cps
Selenium	78-2	2197	2158	2184	2180	0.91	cps
Silicon	28-1	1280495	1297305	1318355	1298718	1.46	cps
Silver	109-1	1688805	1715840	1722210	1708952	1.04	cps
Silver	107-1	1750393	1794223	1779148	1774588	1.25	cps
Sodium	23-2	4290207	4401753	4275278	4322413	1.60	cps
Strontium	86-1	426367	436064	442833	435088	1.90	cps
Strontium	88-1	3711810	3716236	3768998	3732348	0.85	cps
Sulfur	34-1	536178	540209	539447	538611	0.40	cps
Terbium	159-1	5364767	5301765	5429246	5365259	1.19	cps
Terbium	159-2	2147179	2120952	2086492	2118208	1.44	cps
Thallium	203-1	1082758	1110614	1127897	1107089	2.06	cps
Thallium	205-1	2511924	2608614	2620337	2580291	2.31	cps
Tin	118-1	1083452	1101766	1111570	1098929	1.30	cps
Titanium	47-1	945218	937960	972510	951896	1.91	cps
Uranium	238-1	3583034	3595216	3615309	3597853	0.45	cps
Vanadium	51-2	290951	291721	286931	289868	0.89	cps
Yttrium	89-1	6554326	6650644	6692863	6632611	1.07	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128433BS	Instrumnet Name :	P8
Client Sample ID :	PB128433BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:23:06	DataFile Name :	038LCSS_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	667500	676329	662671	668833	1.04	cps
Zinc	66-2	672153	666455	661698	666769	0.79	cps
Zirconium	90-1	2321503	2326937	2418693	2355711	2.32	cps
Zirconium	91-1	524555	528561	534724	529280	0.97	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : PB128429BS Instrumnet Name : P8
 Client Sample ID : PB128429BS Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 15:25:54 DataFile Name : 039LCSW_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151821	150524	150223	150856	0.56	cps
Antimony	121-1	1636912	1598608	1626513	1620678	1.22	cps
Arsenic	75-2	49411	48692	48798	48967	0.79	cps
Barium	135-1	1525431	1523699	1540195	1529775	0.59	cps
Barium	137-1	2710025	2658249	2710468	2692914	1.11	cps
Beryllium	9-1	265339	266406	267611	266452	0.43	cps
Bismuth	209-1	3286665	3187082	3274212	3249320	1.67	cps
Bismuth	209-2	1474813	1495816	1487456	1486029	0.71	cps
Boron	10-1	17257	20312	22633	20067	13.44	cps
Boron	11-1	85413	98885	107553	97284	11.47	cps
Bromine	81-1	1642	1792	1842	1759	5.93	cps
Cadmium	111-1	343799	344701	348526	345675	0.73	cps
Cadmium	106-1	37243	37193	38412	37616	1.83	cps
Cadmium	108-1	26217	25854	25728	25933	0.98	cps
Calcium	43-1	382536	390212	381740	384829	1.22	cps
Calcium	44-1	6131293	6251346	6069457	6150699	1.50	cps
Chromium	52-2	367693	362514	363063	364423	0.78	cps
Cobalt	59-2	668194	660037	655671	661300	0.96	cps
Copper	63-2	5226565	5199504	5170795	5198955	0.54	cps
Dysprosium	156-1	17	17	75	36	93.25	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	27	17	20	21	24.12	cps
Holmium	165-1	5142710	5060852	5072315	5091959	0.87	cps
Holmium	165-2	2039316	2041308	2045560	2042061	0.16	cps
Indium	115-1	4646049	4518212	4587024	4583761	1.40	cps
Indium	115-2	629024	633192	627906	630041	0.44	cps
Iron	54-2	793871	786672	783848	788131	0.66	cps
Iron	56-2	14500534	14516224	14264344	14427034	0.98	cps
Iron	57-2	356105	358059	350573	354912	1.09	cps
Krypton	83-1	657	713	663	678	4.57	cps
Lead	206-1	4539990	4519603	4487674	4515756	0.58	cps
Lead	207-1	4156553	4135222	4133493	4141756	0.31	cps
Lead	208-1	18501027	18361444	18334733	18399068	0.49	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BS	Instrumnet Name :	P8
Client Sample ID :	PB128429BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:25:54	DataFile Name :	039LCSW_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1113650	1074590	1105642	1097961	1.88	cps
Magnesium	24-2	2282515	2288223	2223445	2264728	1.58	cps
Manganese	55-2	1720393	1727319	1709503	1719072	0.52	cps
Molybdenum	94-1	2871079	2916088	2875705	2887624	0.86	cps
Molybdenum	95-1	3556085	3485934	3505833	3515951	1.03	cps
Molybdenum	96-1	3939186	3796041	3939832	3891686	2.13	cps
Molybdenum	97-1	2206774	2225482	2198346	2210201	0.63	cps
Molybdenum	98-1	5482322	5497897	5598363	5526194	1.14	cps
Neodymium	150-1	80	40	80	67	34.64	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	184568	182650	182265	183161	0.67	cps
Phosphorus	31-2	9812	9111	9220	9381	4.02	cps
Potassium	39-2	836175	824651	816907	825911	1.17	cps
Rhodium	103-1	4480709	4356676	4373953	4403779	1.53	cps
Rhodium	103-2	1926892	1960778	1942506	1943392	0.87	cps
Scandium	45-1	2926705	2919731	2904287	2916908	0.39	cps
Scandium	45-2	87337	89175	85241	87251	2.26	cps
Selenium	82-1	24070	23477	24083	23876	1.45	cps
Selenium	77-2	667	753	533	651	17.02	cps
Selenium	78-2	2108	2181	2264	2185	3.57	cps
Silicon	28-1	1271425	1317387	1327038	1305283	2.28	cps
Silver	109-1	1761729	1734253	1728763	1741582	1.01	cps
Silver	107-1	1804365	1787449	1808645	1800153	0.62	cps
Sodium	23-2	4401017	4326716	4279008	4335580	1.42	cps
Strontium	86-1	432126	436248	434337	434237	0.47	cps
Strontium	88-1	3727703	3766892	3720119	3738238	0.67	cps
Sulfur	34-1	531998	530158	530498	530885	0.18	cps
Terbium	159-1	5410220	5319078	5459882	5396393	1.32	cps
Terbium	159-2	2137799	2107980	2094044	2113274	1.06	cps
Thallium	203-1	1113537	1110874	1119448	1114620	0.39	cps
Thallium	205-1	2631612	2550916	2616212	2599580	1.65	cps
Tin	118-1	1094645	1088373	1097798	1093605	0.44	cps
Titanium	47-1	941596	952701	954238	949512	0.73	cps
Uranium	238-1	3570392	3538385	3590868	3566548	0.74	cps
Vanadium	51-2	288365	286865	285153	286794	0.56	cps
Yttrium	89-1	6806919	6663065	6693749	6721244	1.13	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	PB128429BS	Instrumnet Name :	P8
Client Sample ID :	PB128429BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:25:54	DataFile Name :	039LCSW_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	665679	669115	668576	667790	0.28	cps
Zinc	66-2	674003	668693	668492	670396	0.47	cps
Zirconium	90-1	2365778	2347140	2369948	2360955	0.51	cps
Zirconium	91-1	530452	531707	531105	531088	0.12	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802867	804475	796323	801222	0.54	cps
Antimony	121-1	1657877	1653145	1682108	1664377	0.93	cps
Arsenic	75-2	49683	49599	49453	49578	0.23	cps
Barium	135-1	1541537	1553798	1546250	1547195	0.40	cps
Barium	137-1	2745961	2765242	2740533	2750579	0.47	cps
Beryllium	9-1	284162	291269	285518	286983	1.31	cps
Bismuth	209-1	3217957	3120390	3112266	3150204	1.87	cps
Bismuth	209-2	1453909	1464714	1439666	1452763	0.86	cps
Boron	10-1	21640	24227	26014	23960	9.18	cps
Boron	11-1	106347	118661	127016	117341	8.86	cps
Bromine	81-1	1722	1722	1752	1732	1.00	cps
Cadmium	111-1	349312	351187	352727	351076	0.49	cps
Cadmium	106-1	38195	37485	38220	37967	1.10	cps
Cadmium	108-1	26237	26188	26329	26251	0.27	cps
Calcium	43-1	1809287	1889758	1852544	1850530	2.18	cps
Calcium	44-1	29423240	30446505	29758000	29875915	1.75	cps
Chromium	52-2	383314	377190	376889	379131	0.96	cps
Cobalt	59-2	680618	679461	678408	679496	0.16	cps
Copper	63-2	5326388	5268672	5285596	5293552	0.56	cps
Dysprosium	156-1	133	133	117	128	7.53	cps
Dysprosium	156-2	57	40	57	51	18.83	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	158	83	200	147	40.16	cps
Gadolinium	160-2	70	57	50	59	17.29	cps
Holmium	165-1	5140345	4945043	4897700	4994362	2.58	cps
Holmium	165-2	2025023	2048761	2040955	2038246	0.59	cps
Indium	115-1	4601576	4438745	4429507	4489943	2.16	cps
Indium	115-2	631221	637898	631512	633544	0.60	cps
Iron	54-2	3900432	3837251	3801888	3846523	1.30	cps
Iron	56-2	71207390	70626684	70213388	70682487	0.71	cps
Iron	57-2	1787241	1765277	1791360	1781292	0.79	cps
Krypton	83-1	690	640	663	664	3.77	cps
Lead	206-1	4588745	4683575	4501098	4591139	1.99	cps
Lead	207-1	4211397	4242820	4159910	4204709	1.00	cps
Lead	208-1	18705088	19076523	18664038	18815216	1.21	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1103229	1077608	1090437	1090424	1.17	cps
Magnesium	24-2	11053545	10836066	10844438	10911350	1.13	cps
Manganese	55-2	1736455	1709426	1725110	1723664	0.79	cps
Molybdenum	94-1	2921050	2937376	3003466	2953964	1.48	cps
Molybdenum	95-1	3590623	3595192	3719763	3635193	2.02	cps
Molybdenum	96-1	3950411	3928300	4035478	3971396	1.42	cps
Molybdenum	97-1	2254308	2228812	2311846	2264989	1.88	cps
Molybdenum	98-1	5590801	5643673	5741404	5658626	1.35	cps
Neodymium	150-1	60	67	60	62	6.19	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	190136	187455	188401	188664	0.72	cps
Phosphorus	31-2	9520	10029	9728	9759	2.62	cps
Potassium	39-2	4081055	4074610	4048091	4067919	0.43	cps
Rhodium	103-1	4238890	4133138	4168865	4180298	1.29	cps
Rhodium	103-2	1931393	1917224	1913744	1920787	0.49	cps
Scandium	45-1	2826322	2833030	2802183	2820512	0.58	cps
Scandium	45-2	86686	86066	86656	86469	0.40	cps
Selenium	82-1	23710	24001	23811	23841	0.62	cps
Selenium	77-2	553	613	673	613	9.78	cps
Selenium	78-2	2187	2221	2280	2230	2.11	cps
Silicon	28-1	1364180	1470625	1508449	1447751	5.17	cps
Silver	109-1	1731705	1772843	1729186	1744578	1.40	cps
Silver	107-1	1791519	1834032	1816482	1814011	1.18	cps
Sodium	23-2	21336010	21072858	21261887	21223585	0.64	cps
Strontium	86-1	442485	445677	438766	442309	0.78	cps
Strontium	88-1	3787687	3869849	3789316	3815617	1.23	cps
Sulfur	34-1	528807	525225	525523	526518	0.38	cps
Terbium	159-1	5383794	5280496	5247619	5303970	1.34	cps
Terbium	159-2	2038398	2114795	2094926	2082706	1.90	cps
Thallium	203-1	1131774	1140535	1117668	1129992	1.02	cps
Thallium	205-1	2636576	2705256	2664240	2668691	1.29	cps
Tin	118-1	1114636	1124143	1125542	1121440	0.53	cps
Titanium	47-1	968319	978921	968985	972075	0.61	cps
Uranium	238-1	3715313	3762203	3735980	3737832	0.63	cps
Vanadium	51-2	296852	295840	295704	296132	0.21	cps
Yttrium	89-1	6685430	6564318	6561742	6603830	1.07	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:28:44	DataFile Name :	040CCV_P8042120-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	666728	664551	671644	667641	0.54	cps
Zinc	66-2	688650	687486	691809	689315	0.32	cps
Zirconium	90-1	2410669	2383122	2456682	2416824	1.54	cps
Zirconium	91-1	538587	548094	551130	545937	1.20	cps

LB Number : LB110502 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P8
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-21 15:41:25 DataFile Name : 042CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226	216	254	232	8.49	cps
Antimony	121-1	33	75	75	61	39.37	cps
Arsenic	75-2	5	4	4	4	13.32	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	25	25	50	33	43.30	cps
Beryllium	9-1	44	56	44	48	14.44	cps
Bismuth	209-1	3190660	3048934	3063977	3101190	2.51	cps
Bismuth	209-2	1430908	1430592	1433231	1431577	0.10	cps
Boron	10-1	1448	1374	1270	1364	6.56	cps
Boron	11-1	6476	6056	5876	6136	5.02	cps
Bromine	81-1	1852	1582	1772	1735	8.00	cps
Cadmium	111-1	282	277	255	271	5.37	cps
Cadmium	106-1	1392	1392	1225	1336	7.20	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	283	317	383	328	15.54	cps
Calcium	44-1	15525	15300	15726	15517	1.37	cps
Chromium	52-2	1047	1143	1050	1080	5.08	cps
Cobalt	59-2	47	30	50	42	25.38	cps
Copper	63-2	677	627	683	662	4.68	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	13	0	3	6	124.93	cps
Holmium	165-1	4830999	4712788	4720539	4754775	1.39	cps
Holmium	165-2	1991491	1985695	1956040	1977742	0.96	cps
Indium	115-1	4359969	4243555	4272529	4292018	1.41	cps
Indium	115-2	606231	599922	599942	602032	0.60	cps
Iron	54-2	244	372	339	319	20.81	cps
Iron	56-2	2161	1967	2267	2132	7.14	cps
Iron	57-2	61	89	111	87	28.78	cps
Krypton	83-1	607	783	580	657	16.83	cps
Lead	206-1	772	1017	1028	939	15.39	cps
Lead	207-1	828	806	917	850	6.92	cps
Lead	208-1	3522	3839	3995	3785	6.36	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:41:25	DataFile Name :	042CCBE_P8042120-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1080760	1057868	1049853	1062827	1.51	cps
Magnesium	24-2	267	233	175	225	20.62	cps
Manganese	55-2	83	63	77	74	13.68	cps
Molybdenum	94-1	125	125	142	131	7.37	cps
Molybdenum	95-1	50	42	25	39	32.73	cps
Molybdenum	96-1	75	175	92	114	47.04	cps
Molybdenum	97-1	58	33	8	33	75.02	cps
Molybdenum	98-1	50	17	25	31	56.77	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	80	77	78	2.47	cps
Phosphorus	31-2	150	183	167	167	10.00	cps
Potassium	39-2	15367	15200	15359	15308	0.61	cps
Rhodium	103-1	4201733	4190720	4173103	4188519	0.34	cps
Rhodium	103-2	1868999	1861858	1865601	1865486	0.19	cps
Scandium	45-1	2764629	2717847	2737128	2739868	0.86	cps
Scandium	45-2	83018	82354	81832	82401	0.72	cps
Selenium	82-1	16	-145	82	-16	-732.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	24	18	24	23.27	cps
Silicon	28-1	598690	593761	588298	593583	0.88	cps
Silver	109-1	8	75	58	47	73.48	cps
Silver	107-1	33	8	58	33	75.02	cps
Sodium	23-2	21099	21174	20916	21063	0.63	cps
Strontium	86-1	983	917	1033	978	5.99	cps
Strontium	88-1	167	108	108	128	26.35	cps
Sulfur	34-1	424964	423296	427364	425208	0.48	cps
Terbium	159-1	5070347	4981028	5047384	5032920	0.92	cps
Terbium	159-2	2004233	2010147	1993631	2002670	0.42	cps
Thallium	203-1	192	158	167	172	10.07	cps
Thallium	205-1	442	317	375	378	16.56	cps
Tin	118-1	200	225	183	203	10.34	cps
Titanium	47-1	450	450	383	428	9.00	cps
Uranium	238-1	0	0	8	3	173.21	cps
Vanadium	51-2	30	17	23	23	28.56	cps
Yttrium	89-1	6281156	6105503	6223119	6203259	1.44	cps

LB Number :	LB110502	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-04-21 15:41:25	DataFile Name :	042CCBE_P8042120-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	638293	629888	630100	632761	0.76	cps
Zinc	66-2	82	99	62	81	23.04	cps
Zirconium	90-1	258	317	292	289	10.13	cps
Zirconium	91-1	50	92	67	69	30.20	cps