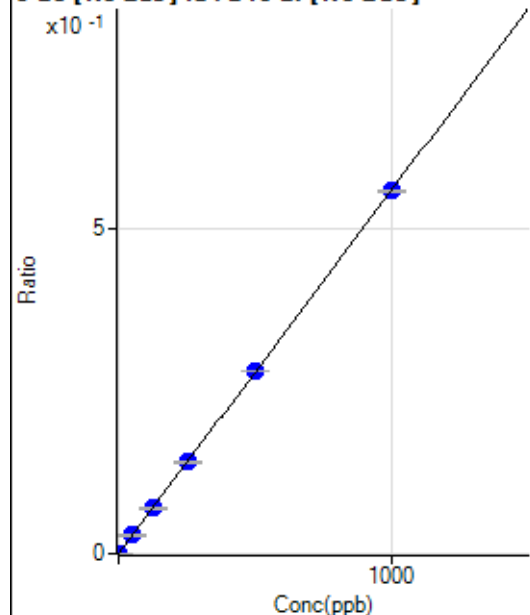


Batch Folder: D:\ICP-MS Data\P7020618-MS.b\
Analysis File: P7020618-MS.batch.bin
DA Date-Time: 2018-02-07 10:32:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-02-06 13:55:18
2			
3	005CAL.S.d	S02	2018-02-06 14:03:29
4	006CAL.S.d	S03	2018-02-06 14:07:20
5	007CAL.S.d	S04	2018-02-06 14:11:26
6	008CAL.S.d	S05	2018-02-06 14:15:12
7	009CAL.S.d	S06	2018-02-06 14:18:57
8	010CAL.S.d	S07	2018-02-06 14:22:38
9	011CAL.S.d	S08	2018-02-06 14:26:19

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	0.923	1716.81	0.0005	P	5.2
4	☐	50.000	50.443	90066.43	0.0282	P	0.9
5	☐	125.000	124.508	219883.92	0.0697	P	0.9
6	☐	250.000	251.795	437843.04	0.1410	P	1.3
7	☐	500.000	502.862	846573.79	0.2815	P	0.2
8	☐	1000.000	998.160	1641799.82	0.5588	P	0.5
9	☐			392.61	0.0001	P	15.3

$$y = 5.5980\text{E-}004 * x + 8.4661\text{E-}006$$

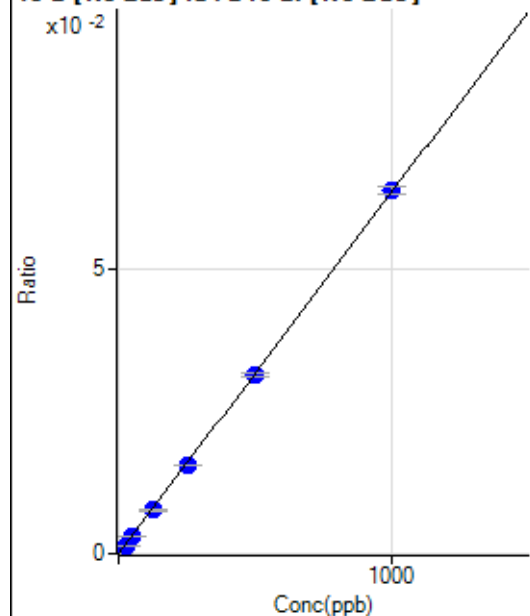
$$R = 1.0000$$

$$DL = 0.01506$$

$$BEC = 0.01512$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	43.1
2	☐	2.500					
3	☐	25.000	21.825	4553.66	0.0014	P	2.8
4	☐	50.000	49.169	9967.58	0.0031	P	2.7
5	☐	125.000	120.842	24192.42	0.0077	P	2.9
6	☐	250.000	243.554	47985.29	0.0154	P	0.3
7	☐	500.000	495.925	94559.36	0.0314	P	1.5
8	☐	1000.000	1004.290	187061.18	0.0637	P	2.0
9	☐			7824.57	0.0027	P	8.6

$$y = 6.3387\text{E-}005 * x + 9.3944\text{E-}006$$

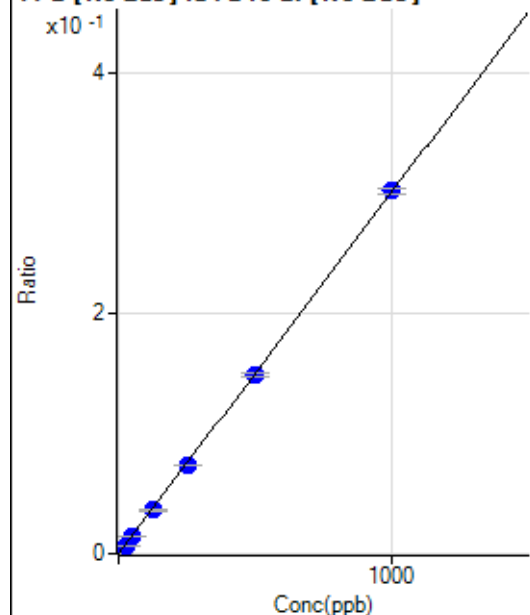
$$R = 1.0000$$

$$DL = 0.1915$$

$$BEC = 0.1482$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0001	P	4.7
2	☐	2.500					
3	☐	25.000	21.717	21577.24	0.0066	P	1.4
4	☐	50.000	48.857	46996.58	0.0147	P	2.1
5	☐	125.000	119.778	113622.35	0.0360	P	0.8
6	☐	250.000	243.986	227641.15	0.0733	P	0.7
7	☐	500.000	495.511	447301.99	0.1487	P	1.6
8	☐	1000.000	1004.540	885728.00	0.3015	P	1.6
9	☐			35787.83	0.0121	P	8.2

$$y = 3.0002\text{E-}004 * x + 8.5078\text{E-}005$$

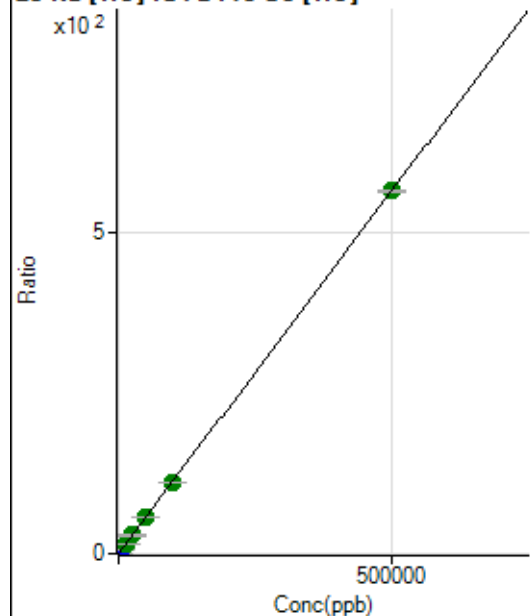
$$R = 1.0000$$

$$DL = 0.04028$$

$$BEC = 0.2836$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14446.41	0.0360	P	3.1
2	☐	50.000					
3	☐	500.000	472.728	228735.07	0.5694	P	0.6
4	☐	5000.000	5101.757	2307009.21	5.7929	P	0.4
5	☐	12500.000	12586.662	5767738.84	14.2390	A	1.4
6	☐	25000.000	25557.301	11409473.52	28.8753	A	3.2
7	☐	50000.000	49578.007	21114301.69	55.9807	A	0.7
8	☐	100000.00	98595.383	41868753.02	111.2929	A	0.3
9	☐	500000.00	500292.10	216514079.8	564.5749	A	0.4

$$y = 0.0011 * x + 0.0360$$

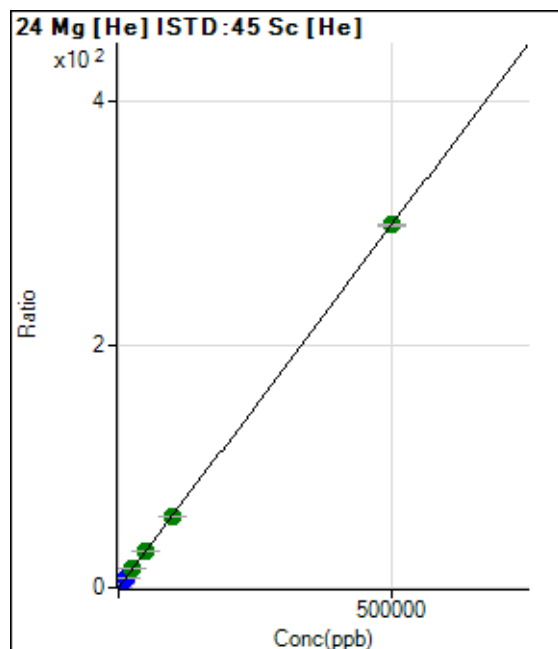
$$R = 1.0000$$

$$DL = 2.989$$

$$BEC = 31.89$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0006	P	23.4
2	☐	50.000					
3	☐	500.000	482.078	115722.14	0.2881	P	0.2
4	☐	5000.000	5145.227	1222350.36	3.0693	P	0.2
5	☐	12500.000	12729.756	3075590.95	7.5928	P	1.5
6	☐	25000.000	25717.572	6061287.16	15.3391	A	2.9
7	☐	50000.000	49738.843	11188216.14	29.6659	A	0.7
8	☐	100000.00	98317.450	22059480.18	58.6392	A	0.3
9	☐	500000.00	500319.56	114433378.9	298.4018	A	0.4

$$y = 5.9642\text{E-}004 * x + 5.5293\text{E-}004$$

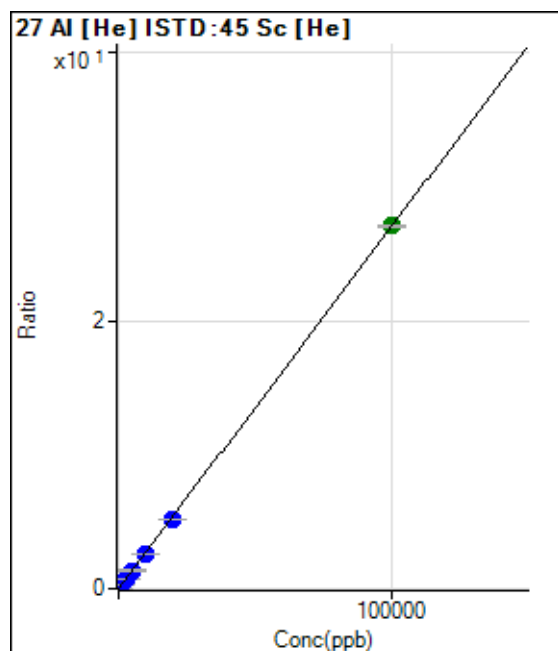
$$R = 1.0000$$

$$DL = 0.6508$$

$$BEC = 0.9271$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0001	P	111.
2	☐	2.000					
3	☐	20.000	18.952	2100.24	0.0052	P	10.0
4	☐	1000.000	986.567	106239.20	0.2668	P	0.3
5	☐	2500.000	2457.088	269050.25	0.6642	P	1.8
6	☐	5000.000	4980.225	531911.23	1.3462	P	3.5
7	☐	10000.000	9640.687	982768.12	2.6059	P	1.2
8	☐	20000.000	19220.965	1954616.97	5.1954	P	0.1
9	☐	100000.00	100193.93	10385933.57	27.0820	A	0.5

$$y = 2.7029\text{E-}004 * x + 1.0318\text{E-}004$$

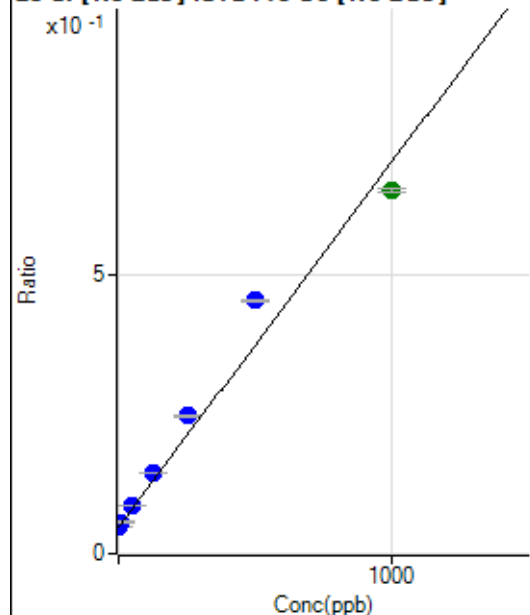
$$R = 1.0000$$

$$DL = 1.274$$

$$BEC = 0.3817$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377075.31	0.0474	P	1.9
2	☐	1.000					
3	☐	10.000	14.064	459584.06	0.0566	P	1.8
4	☐	50.000	59.734	698022.77	0.0866	P	1.3
5	☐	125.000	149.313	1203839.42	0.1453	P	0.7
6	☐	250.000	305.457	2044464.58	0.2478	P	1.5
7	☐	500.000	621.055	3717604.29	0.4548	P	0.4
8	☐	1000.000	922.042	5267237.40	0.6523	A	0.9
9	☐			444908.27	0.0562	P	0.4

$$y = 6.5607\text{E-}004 * x + 0.0474$$

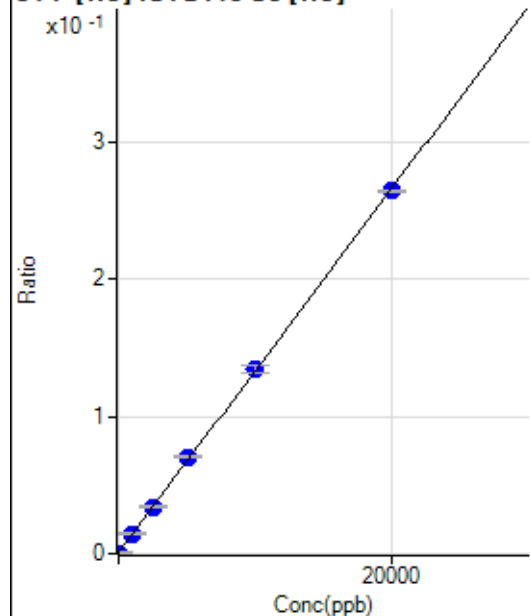
$$R = 0.9864$$

$$DL = 4.117$$

$$BEC = 72.22$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.255	275.02	0.0007	P	11.7
2	☐	0.000					
3	☐	0.000	0.255	277.79	0.0007	P	18.4
4	☐	1000.000	1043.524	5784.72	0.0145	P	6.0
5	☐	2500.000	2529.644	13862.51	0.0342	P	1.0
6	☐	5000.000	5282.729	27954.76	0.0707	P	1.6
7	☐	10000.000	10070.395	50581.24	0.1342	P	3.9
8	☐	20000.000	19888.239	99433.68	0.2643	P	0.9
9	☐			377.80	0.0010	P	18.2

$$y = 1.3256\text{E-}005 * x + 6.8877\text{E-}004$$

$$R = 0.9999$$

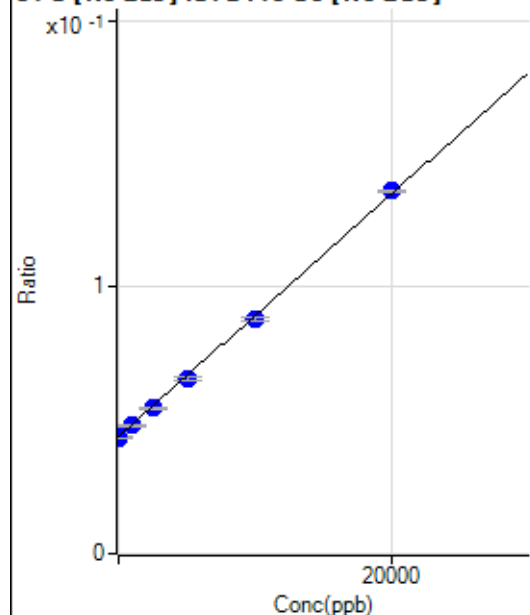
$$DL = 23.43$$

$$BEC = 51.96$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	158.507	356120.13	0.0447	P	2.1
2	☐	0.000					
3	☐	0.000	-158.507	351597.27	0.0433	P	1.5
4	☐	1000.000	896.960	387846.01	0.0481	P	2.3
5	☐	2500.000	2307.312	451647.75	0.0545	P	1.0
6	☐	5000.000	4756.957	541837.84	0.0657	P	2.9
7	☐	10000.000	9695.385	720552.23	0.0882	P	1.7
8	☐	20000.000	20242.306	1099585.51	0.1362	P	0.5
9	☐			321648.56	0.0406	P	0.5

$$y = 4.5521\text{E-}006 * x + 0.0440$$

$$R = 0.9997$$

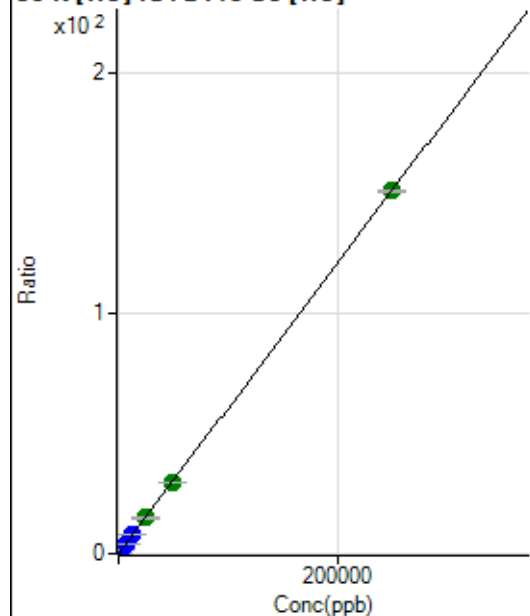
$$DL = 527.7$$

$$BEC = 9672$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35487.85	0.0884	P	4.0
2	☐	50.000					
3	☐	500.000	450.906	144609.43	0.3600	P	0.2
4	☐	2500.000	2464.075	626244.45	1.5725	P	0.5
5	☐	6250.000	6154.926	1537392.83	3.7955	P	1.6
6	☐	12500.000	12723.148	3063105.06	7.7515	P	2.8
7	☐	25000.000	24489.765	5596546.69	14.8385	A	0.8
8	☐	50000.000	49055.678	11146837.23	29.6344	A	0.7
9	☐	250000.00	250231.56	57830992.26	150.8015	A	0.4

$$y = 6.0229\text{E-}004 * x + 0.0884$$

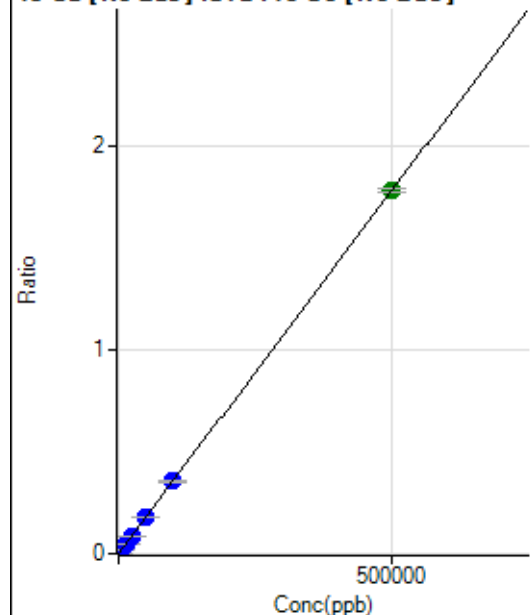
$$R = 1.0000$$

$$DL = 17.42$$

$$BEC = 146.8$$

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	194.45	0.0000	P	28.7
2	☐	50.000					
3	☐	500.000	446.678	13097.96	0.0016	P	2.7
4	☐	5000.000	4924.367	141437.59	0.0175	P	1.5
5	☐	12500.000	12223.642	360324.47	0.0435	P	0.7
6	☐	25000.000	24812.981	728331.22	0.0883	P	2.3
7	☐	50000.000	49463.896	1438195.04	0.1760	P	0.6
8	☐	100000.00	99520.047	2858589.28	0.3540	P	0.3
9	☐	500000.00	500166.67	14084227.05	1.7790	A	1.0

$$y = 3.5568\text{E-}006 * x + 2.4343\text{E-}005$$

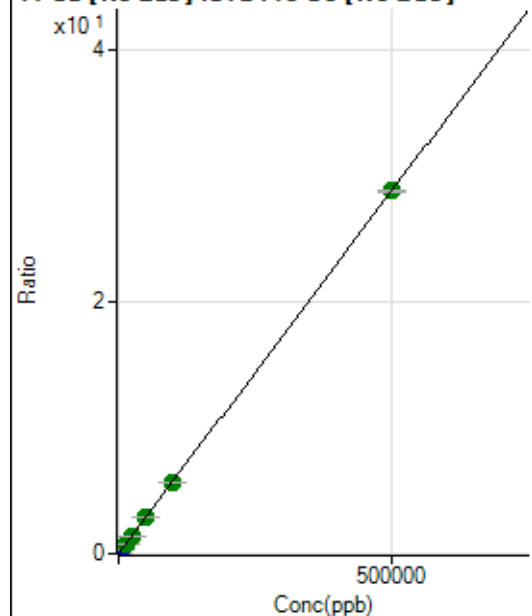
$$R = 1.0000$$

$$DL = 5.89$$

$$BEC = 6.844$$

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	11463.47	0.0014	P	2.0
2	☐	50.000					
3	☐	500.000	452.418	223505.37	0.0275	P	1.5
4	☐	5000.000	4906.964	2293594.49	0.2844	P	0.7
5	☐	12500.000	12184.160	5831176.09	0.7040	A	0.8
6	☐	25000.000	24658.042	11742706.95	1.4233	A	2.1
7	☐	50000.000	49257.431	23227083.85	2.8417	A	0.2
8	☐	100000.00	98867.834	46045742.35	5.7024	A	0.9
9	☐	500000.00	500326.66	228415446.7	28.8513	A	0.5

$$y = 5.7662\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

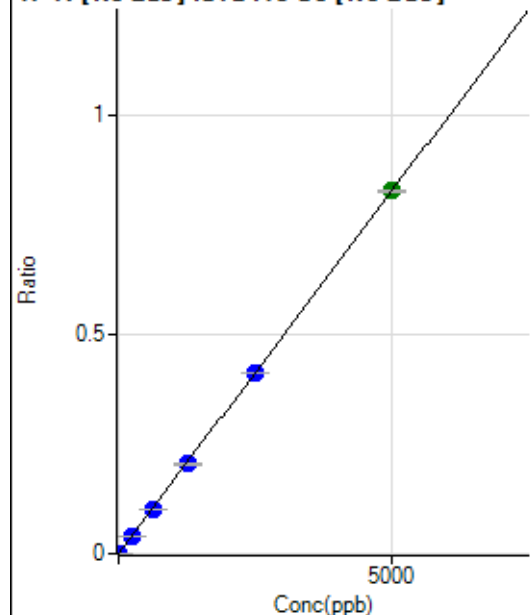
$$DL = 1.462$$

$$BEC = 24.98$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	26.0
2	☐	0.500					
3	☐	5.000	4.593	6248.84	0.0008	P	6.0
4	☐	250.000	246.142	327599.08	0.0406	P	0.3
5	☐	625.000	608.090	831039.56	0.1003	P	0.9
6	☐	1250.000	1235.586	1681868.81	0.2039	P	2.3
7	☐	2500.000	2496.507	3366466.14	0.4119	P	0.7
8	☐	5000.000	5007.657	6671207.31	0.8262	A	0.7
9	☐			1291.79	0.0002	P	12.4

$$y = 1.6498E-004 * x + 1.2217E-005$$

$$R = 1.0000$$

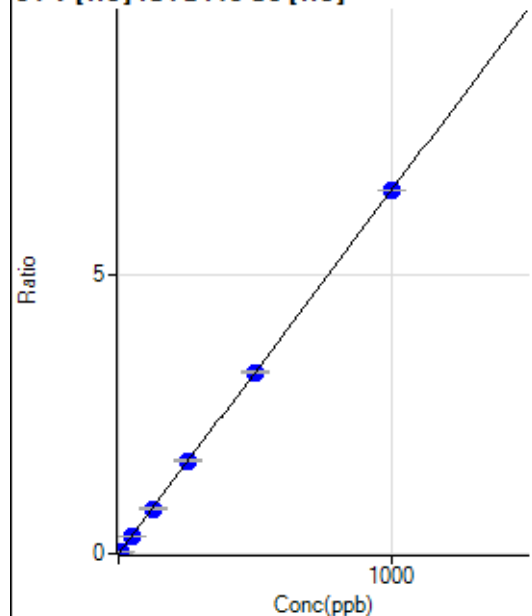
$$DL = 0.05775$$

$$BEC = 0.07405$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.8
2	☐	0.500					
3	☐	5.000	4.618	12105.11	0.0301	P	0.8
4	☐	50.000	49.878	129500.99	0.3252	P	0.7
5	☐	125.000	124.107	327705.56	0.8091	P	2.1
6	☐	250.000	256.418	660487.44	1.6716	P	3.2
7	☐	500.000	499.856	1228965.28	3.2585	P	0.7
8	☐	1000.000	998.587	2448977.01	6.5097	P	0.1
9	☐			532.24	0.0014	P	5.5

$$y = 0.0065 * x + 3.0475E-005$$

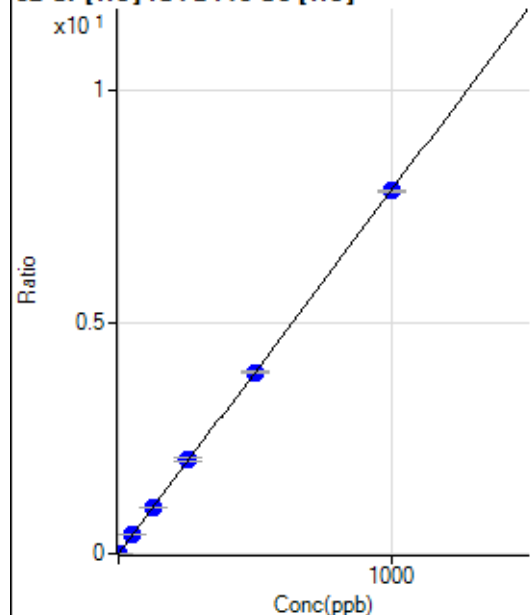
$$R = 1.0000$$

$$DL = 0.005856$$

$$BEC = 0.004675$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	448.90	0.0011	P	10.9
2	☐	0.200					
3	☐	2.000	2.017	6817.26	0.0170	P	1.2
4	☐	50.000	50.570	158689.98	0.3985	P	0.5
5	☐	125.000	125.201	398940.94	0.9849	P	1.6
6	☐	250.000	258.027	801575.28	2.0286	P	3.0
7	☐	500.000	499.504	1480863.99	3.9260	P	1.1
8	☐	1000.000	998.188	2950916.69	7.8444	P	0.3
9	☐			57965.66	0.1512	P	1.3

$$y = 0.0079 * x + 0.0011$$

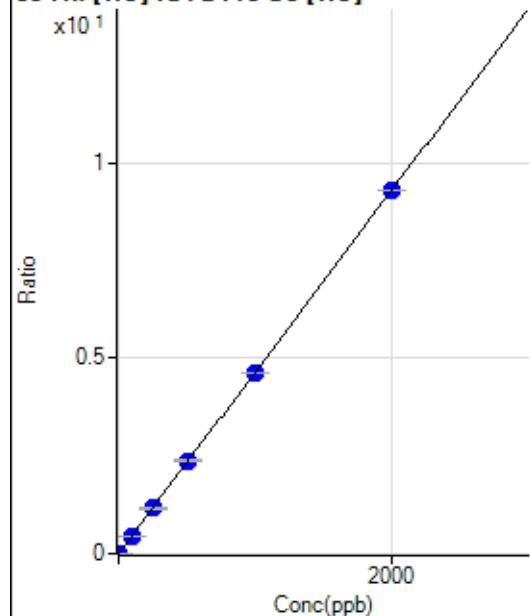
$$R = 1.0000$$

$$DL = 0.0465$$

$$BEC = 0.1423$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0001	P	25.9
2	☐	0.100					
3	☐	1.000	1.002	1909.05	0.0048	P	4.1
4	☐	100.000	100.041	184908.99	0.4643	P	0.2
5	☐	250.000	250.086	470091.86	1.1605	P	1.5
6	☐	500.000	513.597	941752.62	2.3833	P	2.9
7	☐	1000.000	996.534	1744265.27	4.6242	P	0.6
8	☐	2000.000	1998.321	3488595.40	9.2726	P	0.1
9	☐			11252.24	0.0293	P	1.7

$$y = 0.0046 * x + 1.0237E-004$$

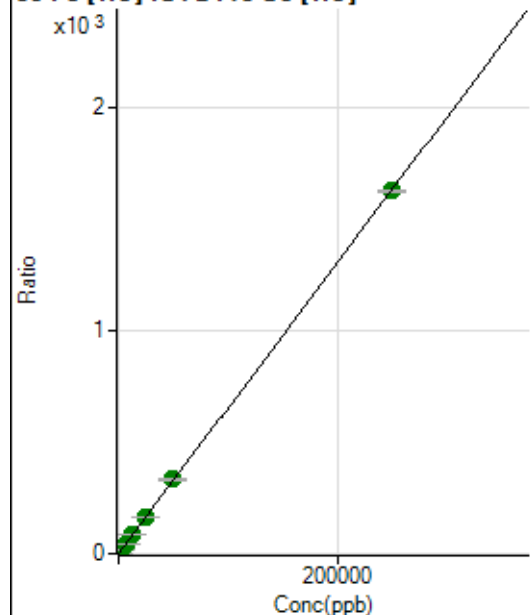
$$R = 1.0000$$

$$DL = 0.01712$$

$$BEC = 0.02206$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2535.47	0.0063	P	0.6
2	☐	5.000					
3	☐	50.000	48.459	129498.86	0.3224	P	1.5
4	☐	2500.000	2593.550	6739581.57	16.9230	A	0.4
5	☐	6250.000	6466.313	17086377.47	42.1834	A	1.8
6	☐	12500.000	13308.407	34298694.05	86.8116	A	3.6
7	☐	25000.000	25618.168	63021957.89	167.1031	A	0.7
8	☐	50000.000	51000.408	125139378.7	332.6610	A	0.4
9	☐	250000.00	249691.33	624554717.6	1,628.640	A	0.7

$$y = 0.0065 * x + 0.0063$$

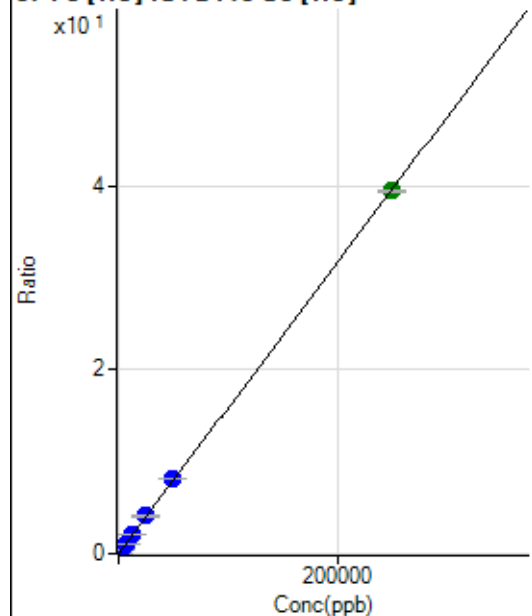
$$R = 1.0000$$

$$DL = 0.01667$$

$$BEC = 0.9682$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0004	P	20.4
2	☐	5.000					
3	☐	50.000	49.646	3298.61	0.0082	P	2.2
4	☐	2500.000	2625.036	165462.73	0.4155	P	0.4
5	☐	6250.000	6502.562	416655.43	1.0287	P	1.9
6	☐	12500.000	13322.644	832625.10	2.1072	P	3.1
7	☐	25000.000	25797.637	1539018.99	4.0800	P	0.7
8	☐	50000.000	51278.037	3050921.39	8.1094	P	0.2
9	☐	250000.00	249615.93	15137792.70	39.4742	A	0.2

$$y = 1.5814E-004 * x + 3.5985E-004$$

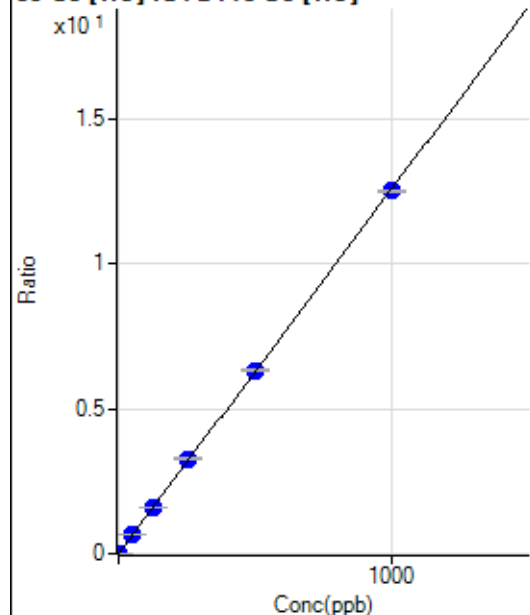
$$R = 1.0000$$

$$DL = 1.393$$

$$BEC = 2.276$$

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	127.78	0.0003	P	8.4
2	☐	0.100					
3	☐	1.000	0.970	5017.60	0.0125	P	1.0
4	☐	50.000	50.989	254959.00	0.6402	P	0.4
5	☐	125.000	126.530	643266.17	1.5882	P	2.0
6	☐	250.000	260.021	1289473.83	3.2634	P	3.1
7	☐	500.000	503.226	2381948.26	6.3154	P	0.6
8	☐	1000.000	995.641	4700692.18	12.4947	P	0.3
9	☐			6173.62	0.0161	P	2.6

$$y = 0.0125 * x + 3.1812E-004$$

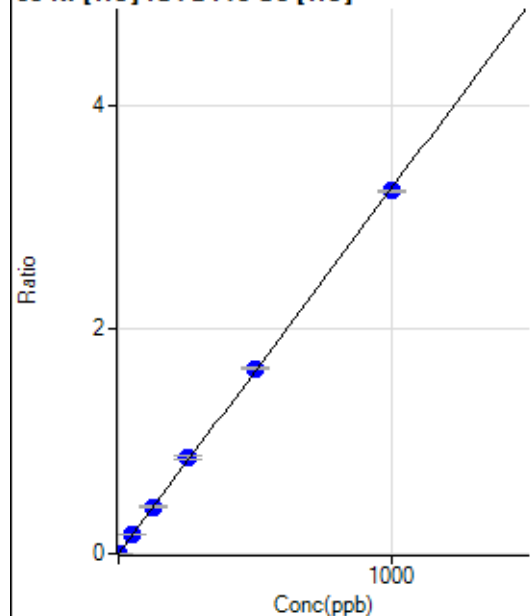
$$R = 0.9999$$

$$DL = 0.006358$$

$$BEC = 0.02535$$

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	50.00	0.0001	P	30.0
2	☐	0.100					
3	☐	1.000	1.027	1392.31	0.0035	P	10.0
4	☐	50.000	52.098	67610.61	0.1698	P	0.8
5	☐	125.000	127.987	168852.84	0.4169	P	1.8
6	☐	250.000	262.626	337933.19	0.8553	P	3.3
7	☐	500.000	506.588	622176.77	1.6496	P	0.6
8	☐	1000.000	993.071	1216462.06	3.2337	P	0.3
9	☐			15447.21	0.0403	P	2.9

$$y = 0.0033 * x + 1.2475E-004$$

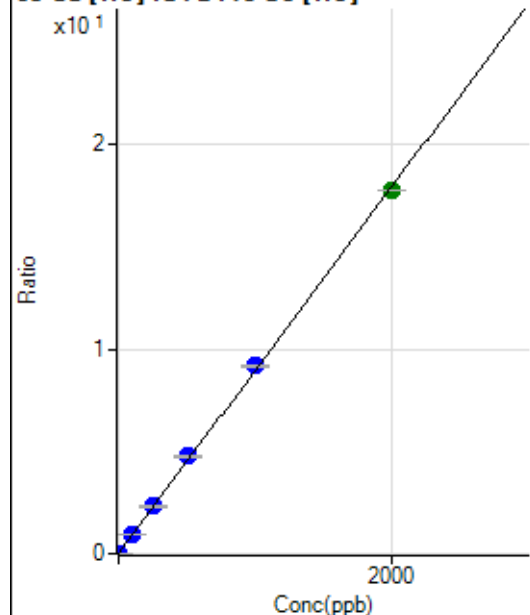
$$R = 0.9999$$

$$DL = 0.03451$$

$$BEC = 0.03831$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4083.97	0.0102	P	1.8
2	☐	0.200					
3	☐	2.000	1.965	11157.75	0.0278	P	1.4
4	☐	100.000	104.171	375799.24	0.9436	P	0.4
5	☐	250.000	258.094	940910.80	2.3229	P	1.7
6	☐	500.000	529.630	1879234.57	4.7561	P	3.3
7	☐	1000.000	1023.421	3462735.40	9.1809	P	0.6
8	☐	2000.000	1979.662	6677411.78	17.7496	A	0.2
9	☐			13439.67	0.0351	P	2.4

$$y = 0.0090 * x + 0.0102$$

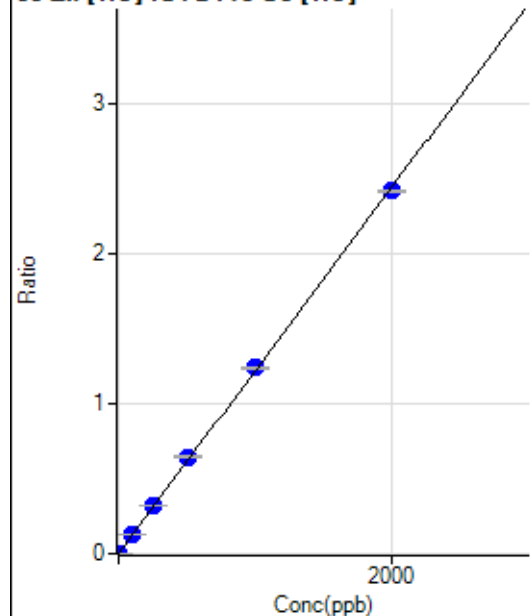
$$R = 0.9998$$

$$DL = 0.06096$$

$$BEC = 1.135$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	267.78	0.0007	P	8.9
2	☐	0.200					
3	☐	2.000	1.983	1237.85	0.0031	P	9.2
4	☐	100.000	104.423	50925.25	0.1279	P	0.4
5	☐	250.000	259.841	128484.61	0.3172	P	1.8
6	☐	500.000	529.459	255135.48	0.6457	P	2.8
7	☐	1000.000	1017.132	467548.71	1.2397	P	0.7
8	☐	2000.000	1982.618	908840.24	2.4159	P	0.2
9	☐			14124.82	0.0368	P	0.9

$$y = 0.0012 * x + 6.6668E-004$$

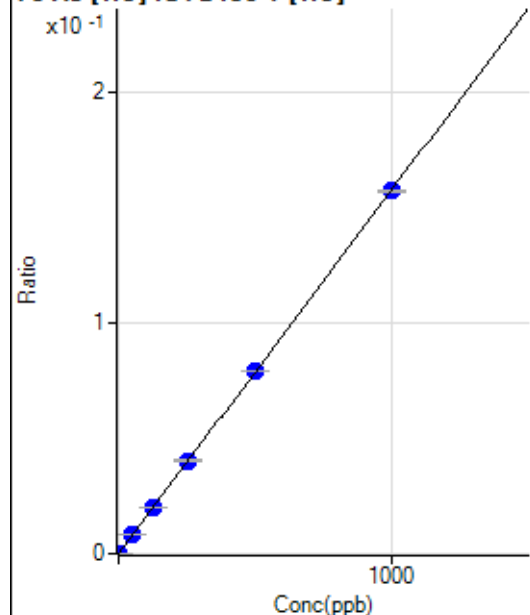
$$R = 0.9998$$

$$DL = 0.1466$$

$$BEC = 0.5473$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.938	326.55	0.0001	P	5.2
4	☐	50.000	50.961	17532.25	0.0080	P	0.9
5	☐	125.000	126.147	44259.68	0.0199	P	1.0
6	☐	250.000	255.169	88630.08	0.0402	P	2.5
7	☐	500.000	500.973	164450.19	0.0789	P	0.4
8	☐	1000.000	998.030	326951.72	0.1571	P	0.3
9	☐			219.14	0.0001	P	4.2

$$y = 1.5740\text{E-}004 * x + 1.6947\text{E-}006$$

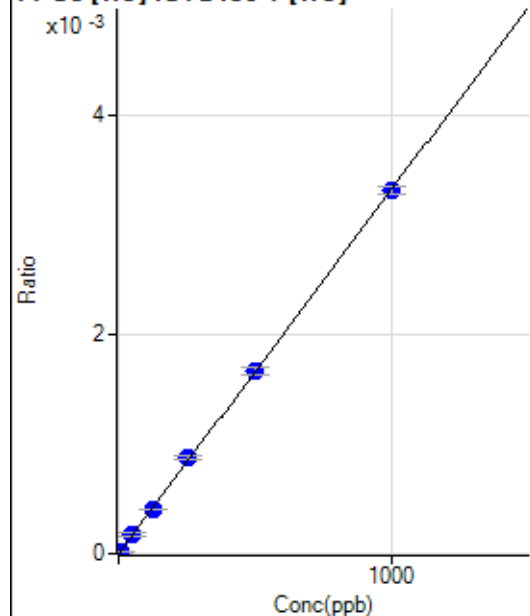
$$R = 1.0000$$

$$DL = 0.01598$$

$$BEC = 0.01077$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.899	37.78	0.0000	P	18.2
4	☐	50.000	51.785	377.79	0.0002	P	16.1
5	☐	125.000	121.348	900.04	0.0004	P	2.7
6	☐	250.000	263.835	1934.60	0.0009	P	4.0
7	☐	500.000	501.703	3476.04	0.0017	P	4.1
8	☐	1000.000	996.057	6880.64	0.0033	P	2.0
9	☐			12.22	0.0000	P	77.3

$$y = 3.3191\text{E-}006 * x + 1.0154\text{E-}006$$

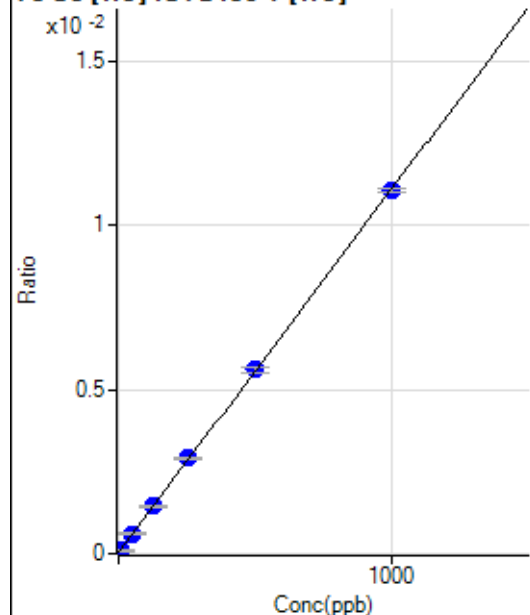
$$R = 0.9999$$

$$DL = 0.7949$$

$$BEC = 0.3059$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.99	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	5.221	197.53	0.0001	P	5.7
4	☐	50.000	51.973	1328.47	0.0006	P	7.5
5	☐	125.000	127.635	3223.22	0.0014	P	2.8
6	☐	250.000	260.481	6437.28	0.0029	P	2.9
7	☐	500.000	502.940	11672.05	0.0056	P	2.5
8	☐	1000.000	995.481	23009.66	0.0111	P	1.1
9	☐			83.95	0.0000	P	18.7

$$y = 1.1073\text{E-}005 * x + 3.2536\text{E-}005$$

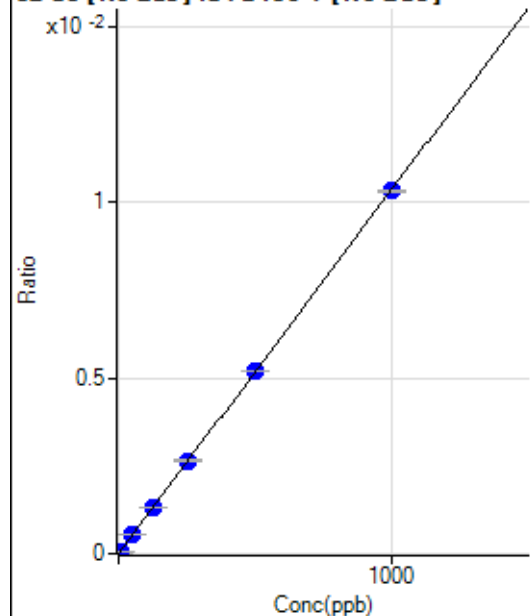
$$R = 0.9999$$

$$DL = 1.479$$

$$BEC = 2.938$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.48	0.0000	P	35.7
2	☐	0.500					
3	☐	5.000	4.794	687.07	0.0001	P	3.9
4	☐	50.000	51.627	6941.49	0.0005	P	0.6
5	☐	125.000	127.032	17459.41	0.0013	P	1.7
6	☐	250.000	254.798	35144.15	0.0026	P	1.3
7	☐	500.000	502.830	69083.98	0.0052	P	0.4
8	☐	1000.000	997.051	135761.79	0.0103	P	0.8
9	☐			176.51	0.0000	P	14.3

$$y = 1.0344\text{E-}005 * x + 3.8217\text{E-}006$$

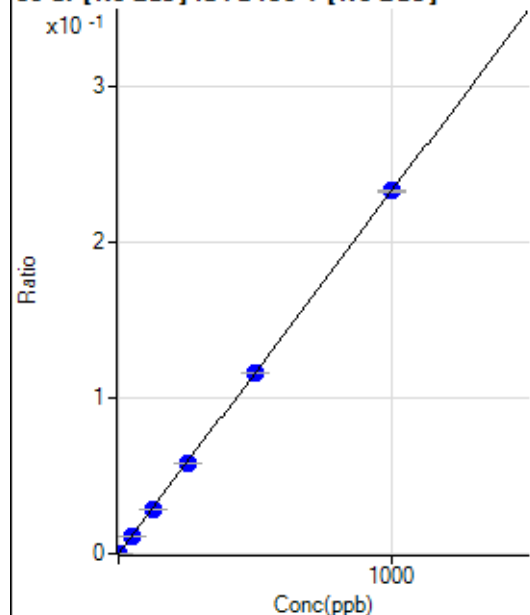
$$R = 1.0000$$

$$DL = 0.3951$$

$$BEC = 0.3695$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.58	0.0000	P	8.3
2	☐	0.100					
3	☐	1.000	0.837	2997.66	0.0002	P	4.4
4	☐	50.000	49.294	148632.30	0.0115	P	1.1
5	☐	125.000	122.818	379400.43	0.0286	P	1.1
6	☐	250.000	248.895	772184.53	0.0580	P	1.1
7	☐	500.000	499.021	1542711.93	0.1162	P	0.6
8	☐	1000.000	1001.074	3067772.47	0.2331	P	0.8
9	☐			96350.03	0.0076	P	0.9

$$y = 2.3286E-004 * x + 3.8046E-005$$

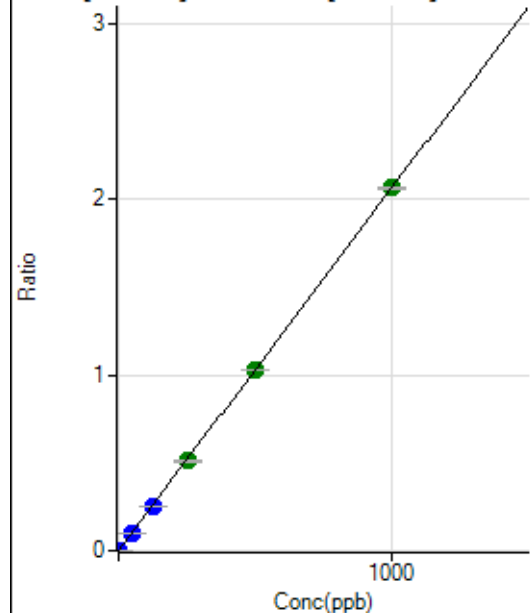
$$R = 1.0000$$

$$DL = 0.04062$$

$$BEC = 0.1634$$

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	113.89	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	0.938	25006.04	0.0019	P	0.4
4	☐	50.000	49.370	1314491.69	0.1018	P	1.1
5	☐	125.000	123.740	3381794.87	0.2553	P	1.2
6	☐	250.000	248.243	6818079.49	0.5121	A	1.3
7	☐	500.000	498.851	13657229.99	1.0290	A	0.6
8	☐	1000.000	1001.203	27175521.44	2.0653	A	0.7
9	☐			850684.69	0.0674	P	0.7

$$y = 0.0021 * x + 9.0283E-006$$

$$R = 1.0000$$

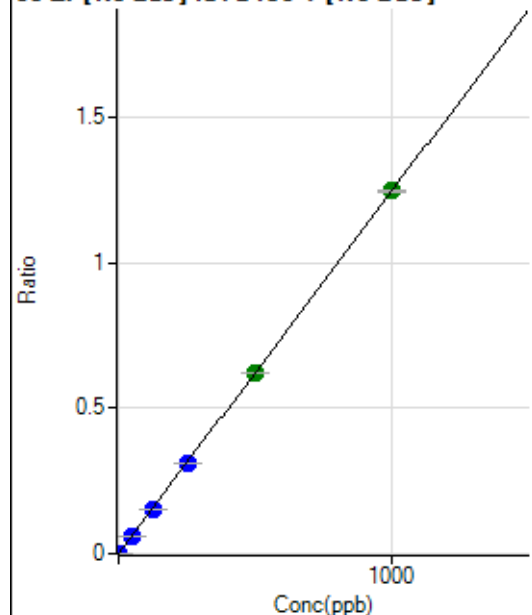
$$DL = 0.00263$$

$$BEC = 0.004377$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	663.94	0.0001	P	9.7
2	☐	0.100					
3	☐	1.000	0.852	14321.59	0.0011	P	0.4
4	☐	50.000	48.450	779195.13	0.0604	P	0.7
5	☐	125.000	121.944	2012227.82	0.1519	P	1.2
6	☐	250.000	249.961	4144296.41	0.3113	P	1.7
7	☐	500.000	497.777	8226270.84	0.6198	A	0.2
8	☐	1000.000	1001.581	16409797.41	1.2471	A	0.6
9	☐			5576.38	0.0004	P	5.4

$$y = 0.0012 * x + 5.2510E-005$$

$$R = 1.0000$$

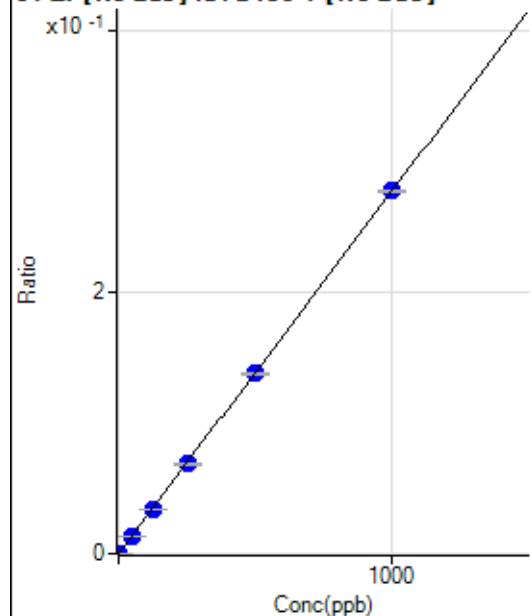
$$DL = 0.01227$$

$$BEC = 0.04217$$

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	150.01	0.0000	P	12.9
2	☐	0.100					
3	☐	1.000	0.880	3281.09	0.0003	P	3.7
4	☐	50.000	48.723	173977.90	0.0135	P	0.3
5	☐	125.000	121.921	446659.38	0.0337	P	1.2
6	☐	250.000	247.956	912737.83	0.0686	P	1.5
7	☐	500.000	497.694	1826057.11	0.1376	P	0.7
8	☐	1000.000	1002.113	3645157.55	0.2770	P	0.7
9	☐			1163.99	0.0001	P	3.4

$$y = 2.7642E-004 * x + 1.1884E-005$$

$$R = 1.0000$$

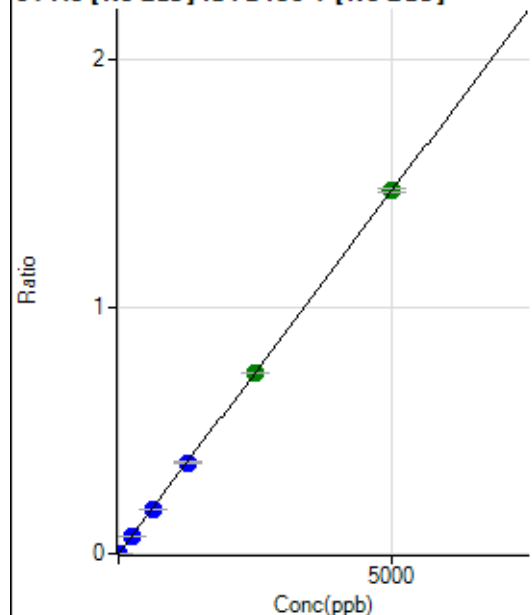
$$DL = 0.01662$$

$$BEC = 0.04299$$

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	252.79	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	4.451	17069.28	0.0013	P	4.2
4	☐	250.000	244.150	925623.68	0.0717	P	0.9
5	☐	625.000	612.916	2384823.58	0.1800	P	0.9
6	☐	1250.000	1254.323	4904433.49	0.3684	P	1.3
7	☐	2500.000	2493.611	9718664.54	0.7323	A	0.2
8	☐	5000.000	5003.917	19334701.47	1.4694	A	1.1
9	☐			14888.96	0.0012	P	5.4

$$y = 2.9365E-004 * x + 2.0004E-005$$

$$R = 1.0000$$

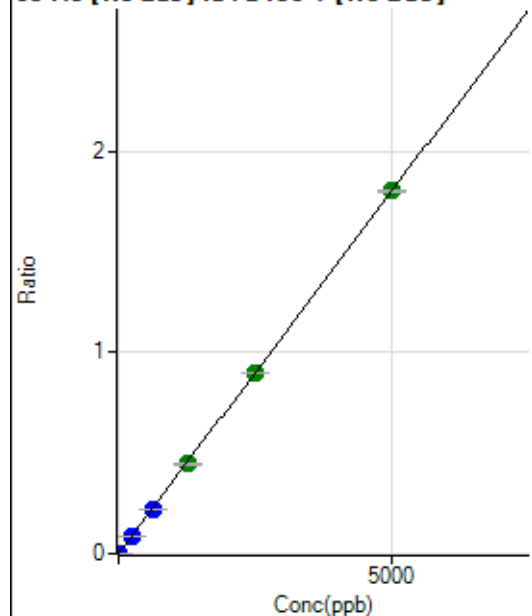
$$DL = 0.02122$$

$$BEC = 0.06812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	55.1
2	☐	0.500					
3	☐	5.000	4.498	20857.55	0.0016	P	3.1
4	☐	250.000	243.171	1128950.25	0.0875	P	1.1
5	☐	625.000	612.311	2918099.00	0.2203	P	0.9
6	☐	1250.000	1237.394	5926467.40	0.4451	A	0.9
7	☐	2500.000	2493.163	11902401.22	0.8968	A	0.4
8	☐	5000.000	5008.498	23705676.75	1.8016	A	0.8
9	☐			22718.78	0.0018	P	4.0

$$y = 3.5970E-004 * x + 3.3201E-006$$

$$R = 1.0000$$

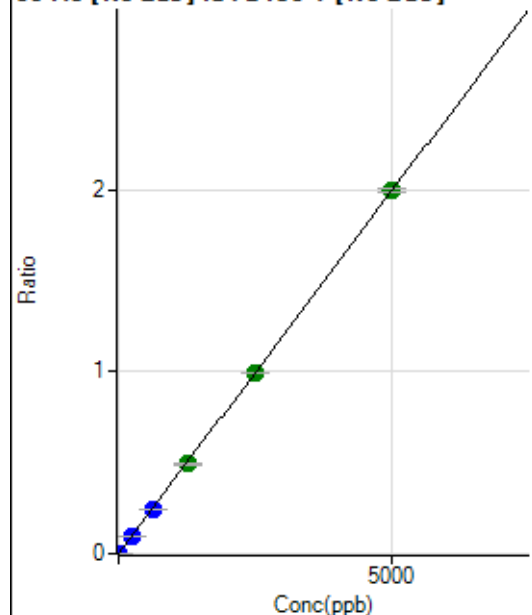
$$DL = 0.01525$$

$$BEC = 0.00923$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.513	23233.61	0.0018	P	0.4
4	☐	250.000	243.494	1252122.11	0.0970	P	1.1
5	☐	625.000	614.015	3241125.87	0.2446	P	1.2
6	☐	1250.000	1241.449	6585670.37	0.4946	A	1.3
7	☐	2500.000	2495.354	13194966.70	0.9942	A	0.2
8	☐	5000.000	5006.160	26244237.57	1.9945	A	1.1
9	☐			28173.25	0.0022	P	4.0

$$y = 3.9841\text{E-}004 * x + 7.2693\text{E-}006$$

$$R = 1.0000$$

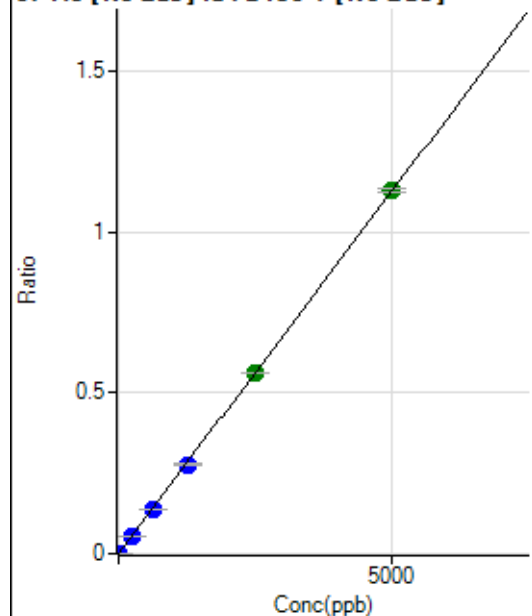
$$DL = 0.01099$$

$$BEC = 0.01825$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	22.9
2	☐	0.500					
3	☐	5.000	4.455	12945.31	0.0010	P	2.7
4	☐	250.000	241.320	700388.17	0.0543	P	1.2
5	☐	625.000	606.144	1805853.14	0.1363	P	1.7
6	☐	1250.000	1232.034	3688951.56	0.2771	P	1.1
7	☐	2500.000	2491.356	7435578.12	0.5602	A	0.2
8	☐	5000.000	5011.605	14828978.45	1.1270	A	1.0
9	☐			13570.89	0.0011	P	4.2

$$y = 2.2487\text{E-}004 * x + 4.1667\text{E-}006$$

$$R = 1.0000$$

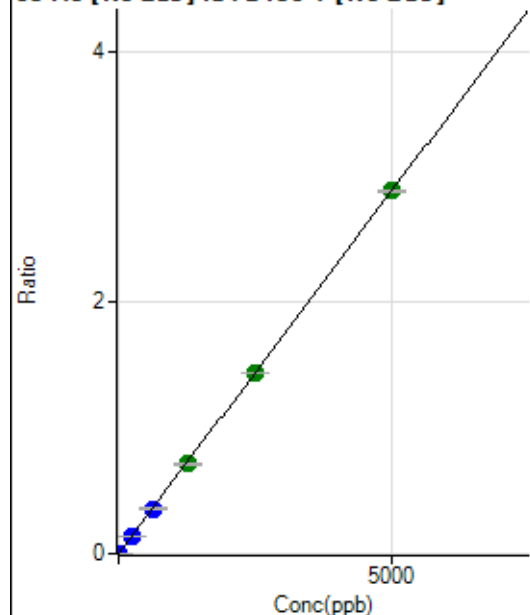
$$DL = 0.01271$$

$$BEC = 0.01853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	21.8
2	☐	0.500					
3	☐	5.000	4.573	34016.55	0.0026	P	3.7
4	☐	250.000	244.651	1823440.67	0.1413	P	1.1
5	☐	625.000	620.598	4748042.73	0.3584	P	1.3
6	☐	1250.000	1240.019	9534262.80	0.7161	A	1.4
7	☐	2500.000	2497.619	19142501.99	1.4423	A	0.3
8	☐	5000.000	5004.504	38027337.31	2.8900	A	0.8
9	☐			35573.21	0.0028	P	5.2

$$y = 5.7748\text{E-}004 * x + 3.3041\text{E-}006$$

$$R = 1.0000$$

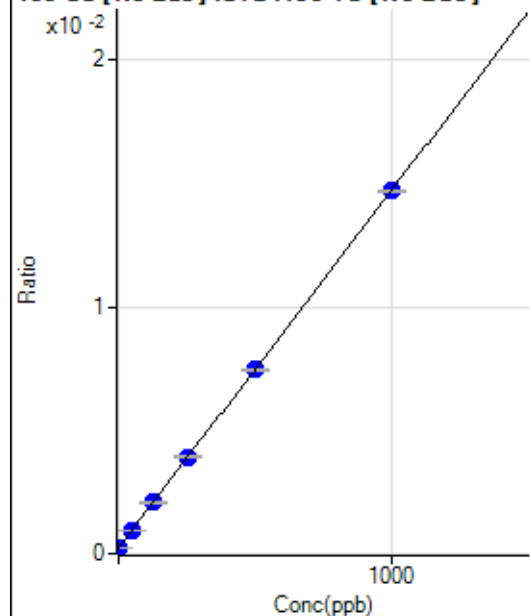
$$DL = 0.003739$$

$$BEC = 0.005722$$

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	3642.29	0.0002	P	2.5
2	☐	0.100					
3	☐	1.000	0.825	3895.14	0.0002	P	1.9
4	☐	50.000	49.871	15030.78	0.0010	P	1.5
5	☐	125.000	127.060	33376.50	0.0021	P	1.1
6	☐	250.000	254.362	63816.80	0.0039	P	2.5
7	☐	500.000	499.445	121371.60	0.0075	P	1.0
8	☐	1000.000	998.936	235613.31	0.0147	P	0.3
9	☐			3581.17	0.0002	P	1.4

$$y = 1.4474\text{E-}005 * x + 2.3486\text{E-}004$$

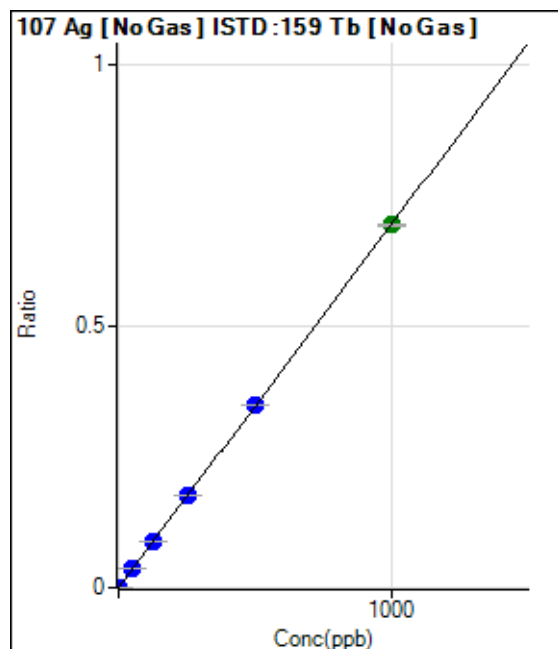
$$R = 1.0000$$

$$DL = 1.22$$

$$BEC = 16.23$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	38.8
2	☐	0.100					
3	☐	1.000	0.957	10609.94	0.0007	P	1.1
4	☐	50.000	50.856	555071.46	0.0353	P	1.8
5	☐	125.000	125.941	1407466.09	0.0875	P	1.1
6	☐	250.000	253.170	2865362.61	0.1758	P	1.1
7	☐	500.000	501.323	5661732.55	0.3482	P	0.2
8	☐	1000.000	998.386	11118027.77	0.6934	A	0.7
9	☐			833.40	0.0001	P	6.0

$$y = 6.9451\text{E-}004 * x + 7.4986\text{E-}006$$

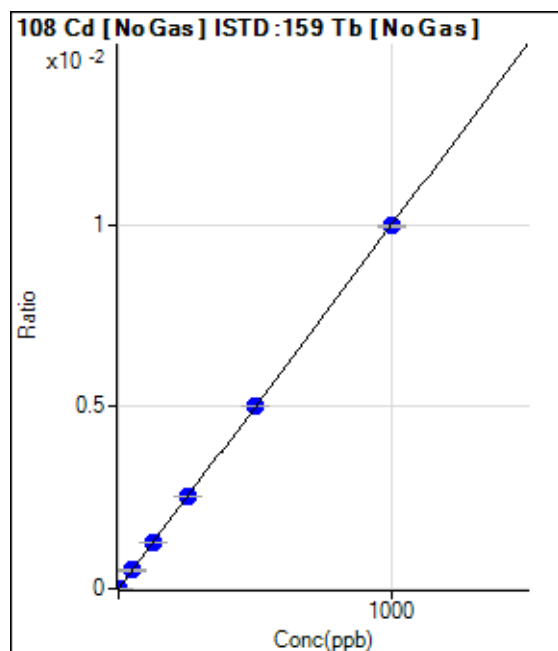
$$R = 1.0000$$

$$DL = 0.01258$$

$$BEC = 0.0108$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	51.4
2	☐	0.100					
3	☐	1.000	0.869	145.84	0.0000	P	23.9
4	☐	50.000	50.432	7923.19	0.0005	P	2.6
5	☐	125.000	128.195	20606.94	0.0013	P	0.9
6	☐	250.000	253.942	41329.74	0.0025	P	1.3
7	☐	500.000	502.232	81558.11	0.0050	P	0.6
8	☐	1000.000	997.478	159715.46	0.0100	P	0.5
9	☐			36.11	0.0000	P	18.1

$$y = 9.9855\text{E-}006 * x + 5.3975\text{E-}007$$

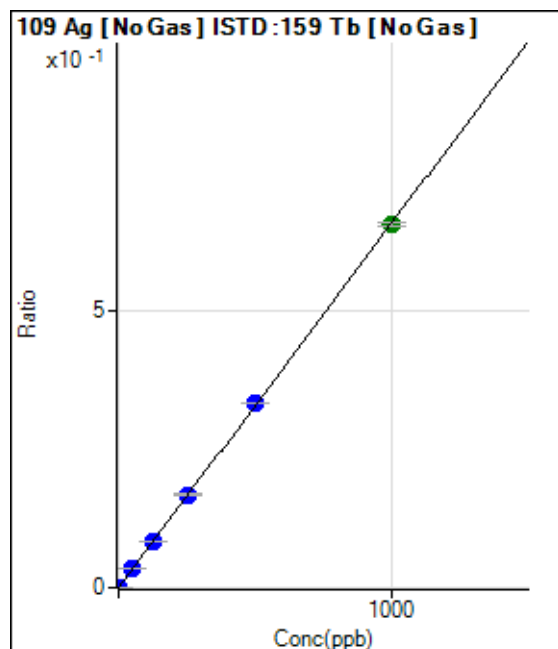
$$R = 1.0000$$

$$DL = 0.08341$$

$$BEC = 0.05405$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	0.972	10159.65	0.0006	P	4.0
4	☐	50.000	50.956	527343.16	0.0336	P	1.2
5	☐	125.000	126.738	1343047.88	0.0835	P	1.4
6	☐	250.000	254.309	2729254.45	0.1675	P	1.6
7	☐	500.000	505.478	5413416.66	0.3329	P	0.5
8	☐	1000.000	995.919	10516766.64	0.6559	A	1.2
9	☐			716.72	0.0000	P	11.4

$$y = 6.5860\text{E-}004 * x + 3.5829\text{E-}006$$

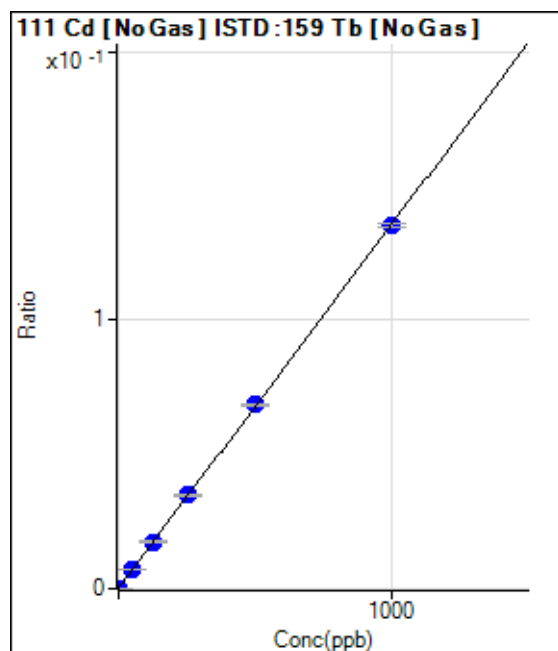
$$R = 1.0000$$

$$DL = 0.003737$$

$$BEC = 0.00544$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2552.10	0.0002	P	2.4
2	☐	0.100					
3	☐	1.000	0.988	4706.65	0.0003	P	3.5
4	☐	50.000	51.212	111523.18	0.0071	P	0.9
5	☐	125.000	127.566	280496.88	0.0174	P	1.4
6	☐	250.000	255.493	566273.97	0.0348	P	1.5
7	☐	500.000	503.975	1112059.77	0.0684	P	0.6
8	☐	1000.000	996.258	2165061.75	0.1350	P	1.0
9	☐			2755.16	0.0002	P	1.7

$$y = 1.3537\text{E-}004 * x + 1.6456\text{E-}004$$

$$R = 1.0000$$

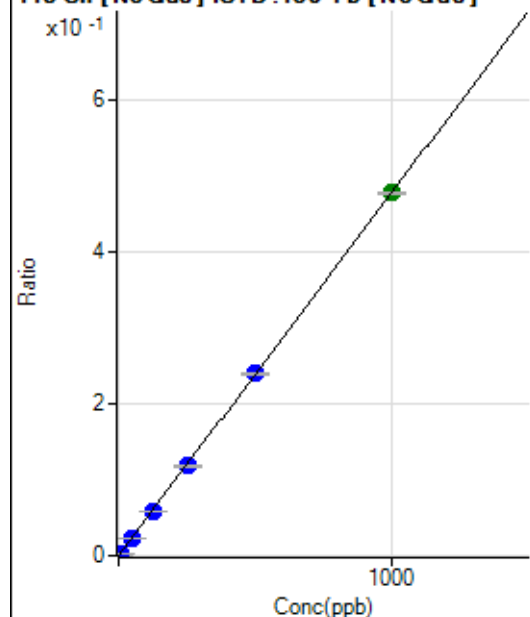
$$DL = 0.0878$$

$$BEC = 1.216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1005.64	0.0001	P	7.3
2	☐	0.500					
3	☐	5.000	4.572	35426.30	0.0022	P	3.0
4	☐	50.000	49.262	370056.71	0.0236	P	0.4
5	☐	125.000	123.239	946509.81	0.0588	P	1.0
6	☐	250.000	248.471	1931500.48	0.1185	P	1.7
7	☐	500.000	501.021	3885503.91	0.2389	P	0.8
8	☐	1000.000	1000.131	7647052.34	0.4769	A	0.9
9	☐			10949.18	0.0007	P	3.6

$$y = 4.7680E-004 * x + 6.4775E-005$$

$$R = 1.0000$$

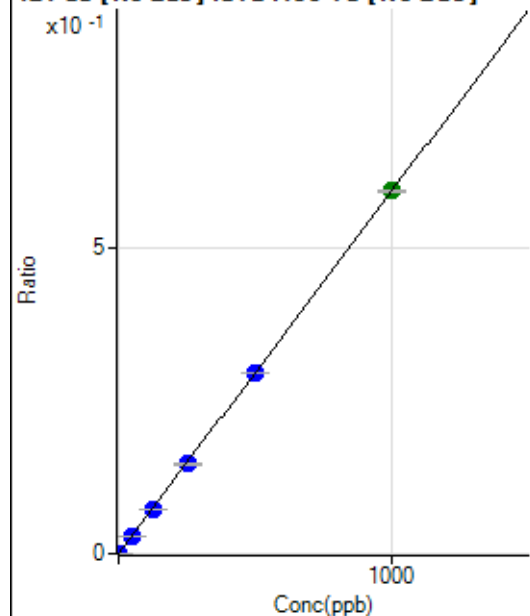
$$DL = 0.02957$$

$$BEC = 0.1359$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	35.8
2	☐	0.200					
3	☐	2.000	1.811	16944.23	0.0011	P	0.2
4	☐	50.000	48.396	449406.55	0.0286	P	1.0
5	☐	125.000	121.862	1158915.38	0.0720	P	1.3
6	☐	250.000	247.419	2383000.34	0.1462	P	1.3
7	☐	500.000	499.192	4797699.63	0.2950	P	0.4
8	☐	1000.000	1001.522	9491258.55	0.5919	A	0.8
9	☐			27121.63	0.0018	P	3.8

$$y = 5.9104E-004 * x + 3.0371E-006$$

$$R = 1.0000$$

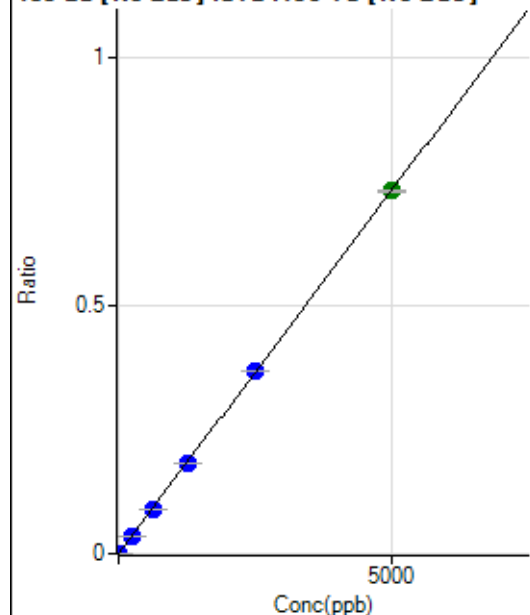
$$DL = 0.005526$$

$$BEC = 0.005139$$

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	30.55	0.0000	P	16.7
2	☐	1.000					
3	☐	10.000	9.236	21383.92	0.0014	P	2.4
4	☐	250.000	246.340	566991.05	0.0361	P	1.6
5	☐	625.000	613.130	1445264.89	0.0898	P	1.0
6	☐	1250.000	1244.004	2969786.85	0.1822	P	1.0
7	☐	2500.000	2512.502	5985197.79	0.3681	P	0.3
8	☐	5000.000	4996.916	11737647.22	0.7320	A	0.6
9	☐			3181.09	0.0002	P	7.5

$$y = 1.4650\text{E-}004 * x + 1.9721\text{E-}006$$

$$R = 1.0000$$

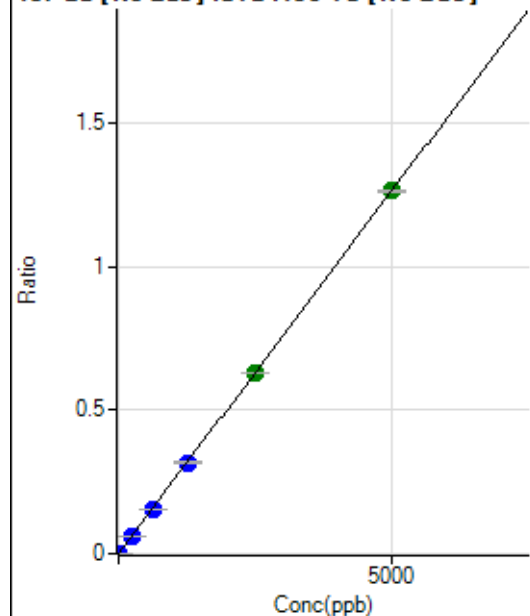
$$DL = 0.006757$$

$$BEC = 0.01346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.7
2	☐	1.000					
3	☐	10.000	9.212	36755.13	0.0023	P	3.2
4	☐	250.000	247.349	981539.89	0.0625	P	0.8
5	☐	625.000	615.487	2501264.99	0.1555	P	1.0
6	☐	1250.000	1256.427	5170858.88	0.3173	P	1.7
7	☐	2500.000	2492.126	10235028.79	0.6294	A	0.4
8	☐	5000.000	5003.654	20263471.81	1.2637	A	0.8
9	☐			5654.20	0.0004	P	5.8

$$y = 2.5256\text{E-}004 * x + 2.6857\text{E-}006$$

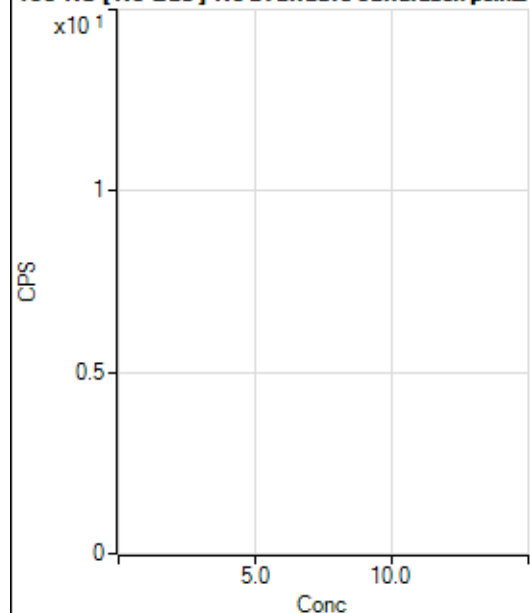
$$R = 1.0000$$

$$DL = 0.006277$$

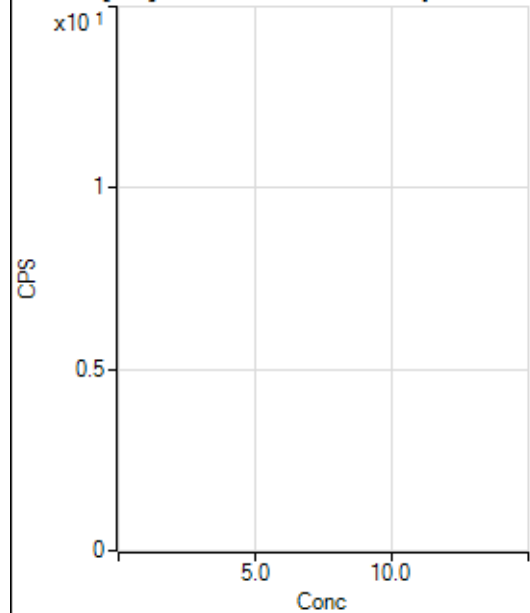
$$BEC = 0.01063$$

Weight: <None>

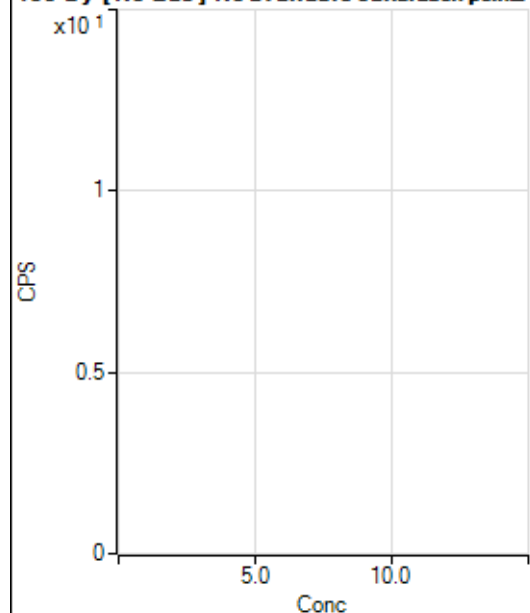
Min Conc: 0

150 Nd [No Gas] No available calibration points

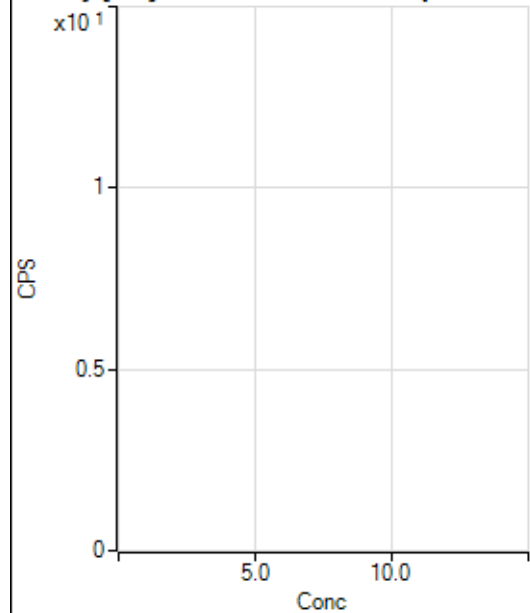
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			26.67		P	66.1
5	☐			100.00		P	20.0
6	☐			237.79		P	6.5
7	☐			382.24		P	7.0
8	☐			706.71		P	2.8
9	☐			82.23		P	55.2

150 Nd [He] No available calibration points

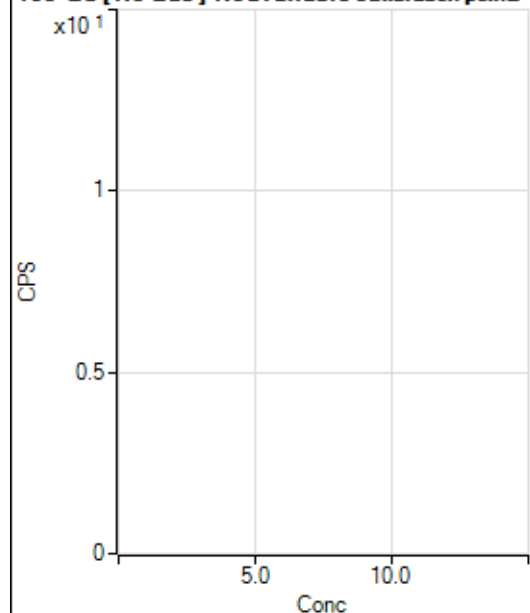
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			14.44		P	66.6
6	☐			31.11		P	6.2
7	☐			43.33		P	13.3
8	☐			95.56		P	13.2
9	☐			47.78		P	4.0

156 Dy [No Gas] No available calibration points

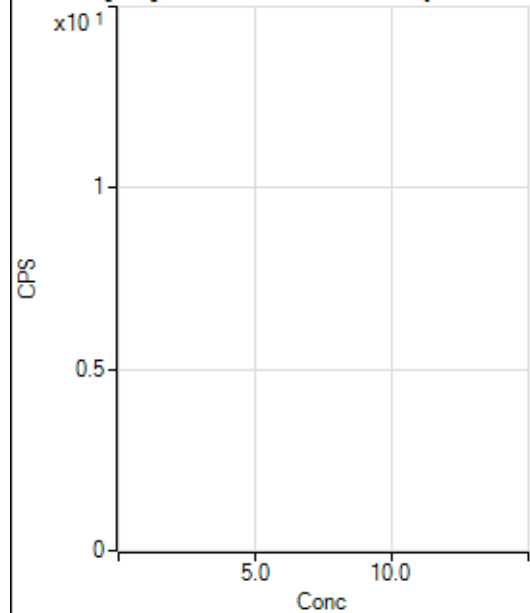
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			16.67		P	50.0
4	☐			13.89		P	34.7
5	☐			25.00		P	33.3
6	☐			50.00		P	28.9
7	☐			77.78		P	16.4
8	☐			177.79		P	23.1
9	☐			86.12		P	39.1

156 Dy [He] No available calibration points

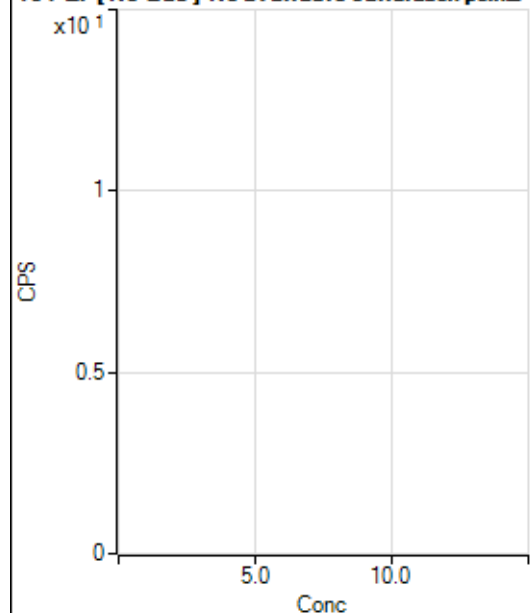
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐						
3	☐			4.44		P	114.
4	☐			8.89		P	78.1
5	☐			17.78		P	71.0
6	☐			37.78		P	18.4
7	☐			47.78		P	46.5
8	☐			94.45		P	14.7
9	☐			44.45		P	15.6

160 Gd [No Gas] Noavailable calibration poin...

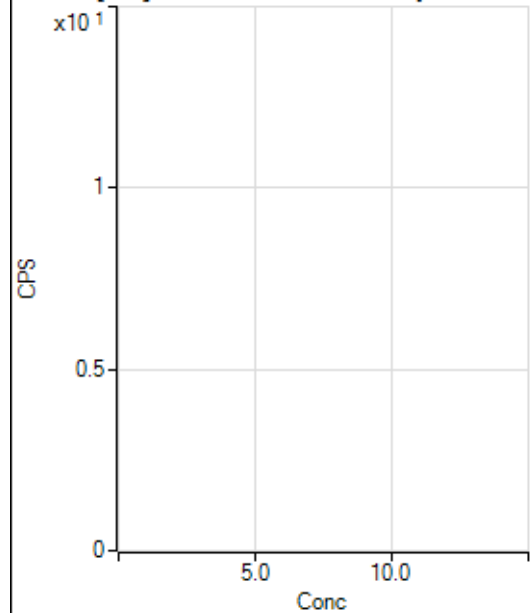
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	22.9
2	☐						
3	☐			33.33		P	50.0
4	☐			75.00		P	50.9
5	☐			66.67		P	12.5
6	☐			77.78		P	76.0
7	☐			66.67		P	33.1
8	☐			133.34		P	22.5
9	☐			127.79		P	35.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	16.0
2	☐						
3	☐			103.34		P	14.1
4	☐			95.56		P	8.8
5	☐			116.67		P	9.9
6	☐			121.12		P	5.7
7	☐			108.89		P	11.6
8	☐			87.78		P	25.9
9	☐			120.00		P	8.3

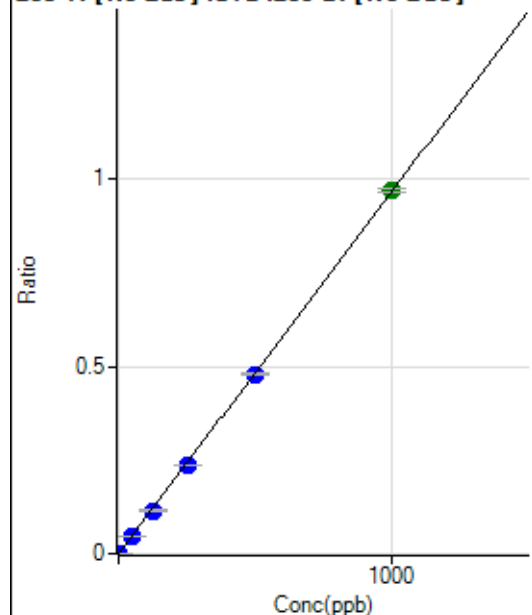
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	20.8
2	☐						
3	☐			63.89		P	7.5
4	☐			55.56		P	22.9
5	☐			50.00		P	28.9
6	☐			50.00		P	16.7
7	☐			75.00		P	61.9
8	☐			77.78		P	6.2
9	☐			44.44		P	60.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	5.4
2	☐						
3	☐			37.78		P	18.4
4	☐			15.55		P	44.6
5	☐			36.67		P	45.5
6	☐			32.22		P	6.0
7	☐			50.00		P	30.5
8	☐			40.00		P	22.0
9	☐			33.33		P	55.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.914	7830.44	0.0009	P	3.7
4	☐	50.000	47.881	404867.86	0.0462	P	0.7
5	☐	125.000	119.620	1014507.23	0.1155	P	1.8
6	☐	250.000	245.156	2079623.72	0.2367	P	1.1
7	☐	500.000	497.132	4166853.26	0.4800	P	0.2
8	☐	1000.000	1003.424	8146096.28	0.9688	A	1.1
9	☐			3903.53	0.0005	P	6.5

$$y = 9.6552E-004 * x + 7.6925E-006$$

$$R = 1.0000$$

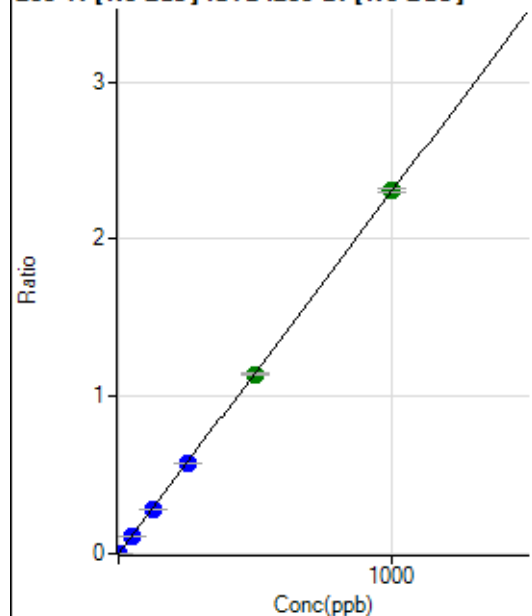
$$DL = 0.003534$$

$$BEC = 0.007967$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	12.6
2	☐	0.100					
3	☐	1.000	0.934	18978.37	0.0022	P	3.8
4	☐	50.000	47.929	965217.89	0.1102	P	1.1
5	☐	125.000	120.912	2442058.86	0.2780	P	2.1
6	☐	250.000	249.385	5038061.09	0.5735	P	1.6
7	☐	500.000	495.871	9898594.93	1.1403	A	0.5
8	☐	1000.000	1002.833	19389534.46	2.3060	A	1.1
9	☐			9439.88	0.0012	P	4.0

$$y = 0.0023 * x + 9.9278E-006$$

$$R = 1.0000$$

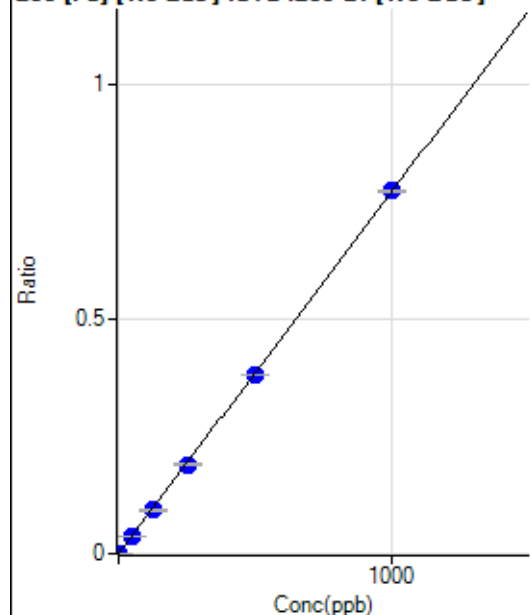
$$DL = 0.001631$$

$$BEC = 0.004317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.38	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	0.909	6444.35	0.0007	P	4.0
4	☐	50.000	48.033	325020.13	0.0371	P	1.4
5	☐	125.000	120.056	814331.61	0.0927	P	2.1
6	☐	250.000	246.335	1671019.26	0.1902	P	1.5
7	☐	500.000	496.439	3327373.14	0.3833	P	0.3
8	☐	1000.000	1003.413	6513935.33	0.7747	P	0.7
9	☐			12421.00	0.0016	P	1.1

$$y = 7.7203\text{E-}004 * x + 3.1042\text{E-}005$$

$$R = 1.0000$$

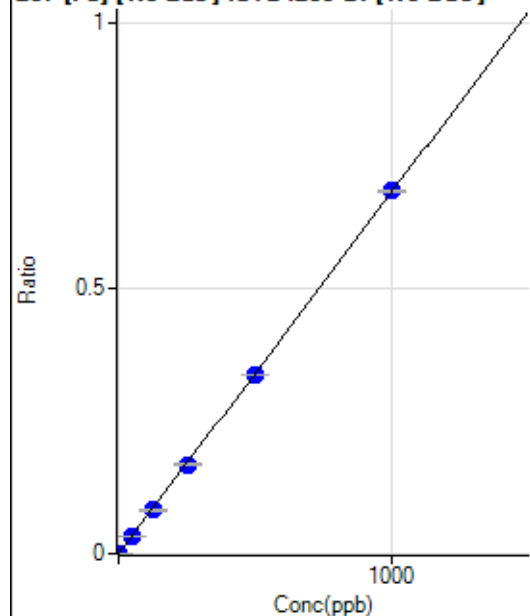
$$DL = 0.02026$$

$$BEC = 0.04021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.49	0.0000	P	6.8
2	☐	0.100					
3	☐	1.000	0.917	5716.23	0.0006	P	3.3
4	☐	50.000	47.566	283331.58	0.0324	P	0.8
5	☐	125.000	120.175	717638.93	0.0817	P	2.2
6	☐	250.000	245.700	1467349.75	0.1670	P	1.8
7	☐	500.000	494.729	2919367.92	0.3363	P	0.2
8	☐	1000.000	1004.436	5740893.76	0.6827	P	0.4
9	☐			10354.35	0.0014	P	1.0

$$y = 6.7970\text{E-}004 * x + 2.6666\text{E-}005$$

$$R = 1.0000$$

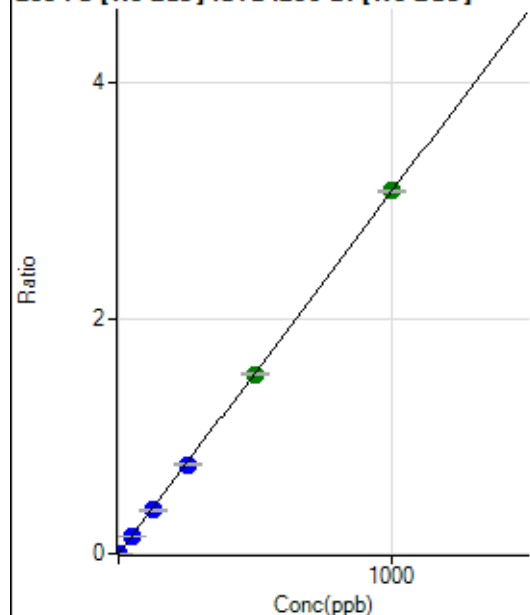
$$DL = 0.007974$$

$$BEC = 0.03923$$

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	1042.64	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.921	25968.15	0.0030	P	3.4
4	☐	50.000	47.812	1288401.16	0.1471	P	1.0
5	☐	125.000	120.358	3251449.43	0.3702	P	2.2
6	☐	250.000	246.489	6659536.42	0.7580	P	1.6
7	☐	500.000	496.968	13266628.59	1.5282	A	0.2
8	☐	1000.000	1003.084	25935532.99	3.0845	A	0.7
9	☐			48399.02	0.0064	P	1.3

$$y = 0.0031 * x + 1.1989E-004$$

$$R = 1.0000$$

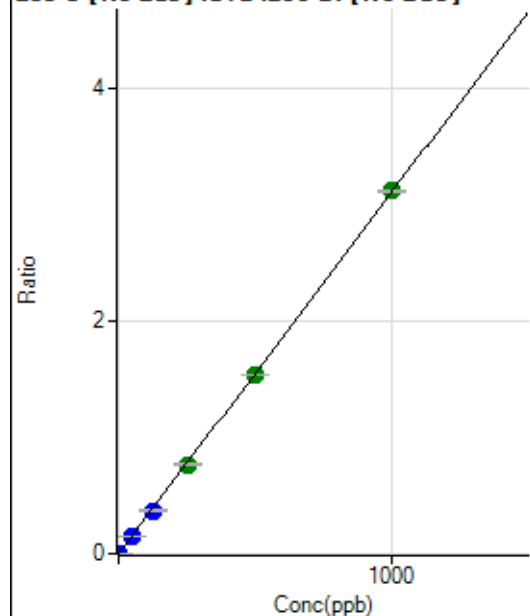
$$DL = 0.008604$$

$$BEC = 0.03899$$

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	38.89	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.873	23867.41	0.0027	P	0.7
4	☐	50.000	47.212	1282874.71	0.1465	P	1.0
5	☐	125.000	119.061	3245097.03	0.3694	P	1.5
6	☐	250.000	245.490	6691825.72	0.7618	A	2.0
7	☐	500.000	494.010	13307155.25	1.5329	A	0.1
8	☐	1000.000	1005.005	26221651.11	3.1185	A	0.7
9	☐			2378.11	0.0003	P	2.5

$$y = 0.0031 * x + 4.4692E-006$$

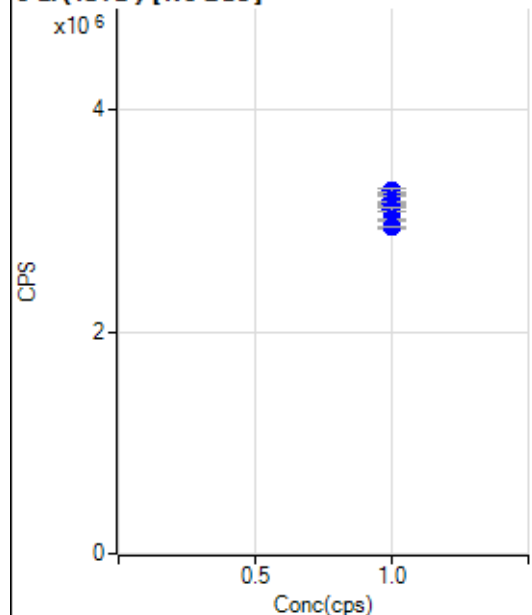
$$R = 1.0000$$

$$DL = 0.001878$$

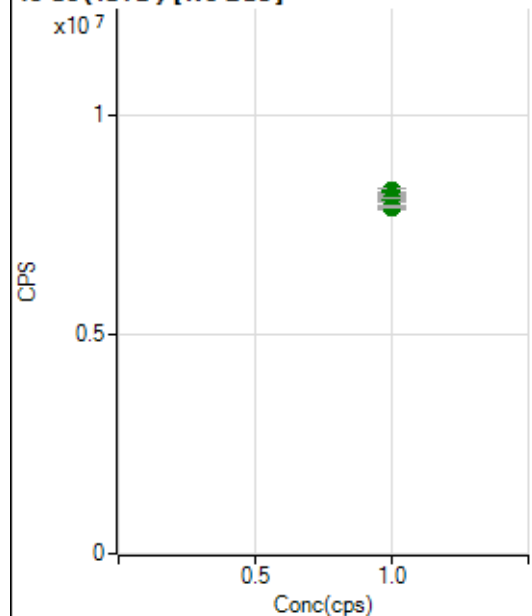
$$BEC = 0.00144$$

Weight: <None>

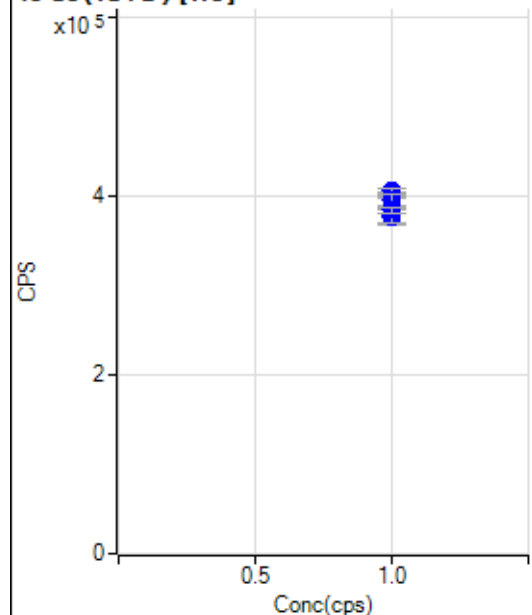
Min Conc: 0

6 Li (ISTD) [No Gas]

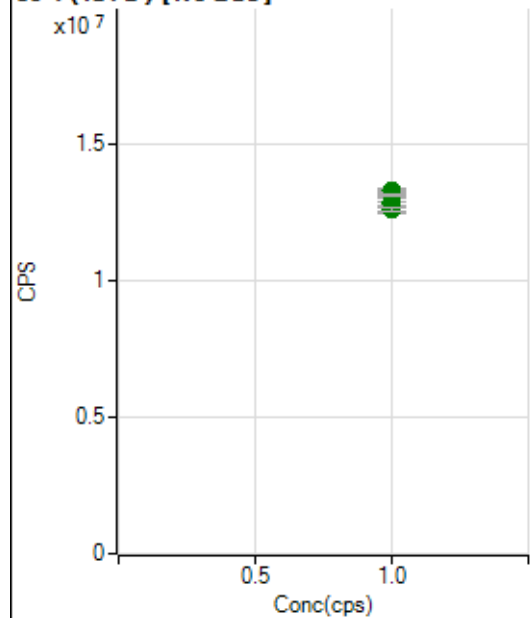
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3266716.82		P	2.0
2	☐	1.000					
3	☐	1.000		3268889.05		P	0.9
4	☐	1.000		3188218.63		P	2.1
5	☐	1.000		3154460.33		P	0.7
6	☐	1.000		3106308.60		P	0.9
7	☐	1.000		3007229.85		P	0.3
8	☐	1.000		2938232.70		P	0.5
9	☐	1.000		2949073.43		P	0.3

45 Sc (ISTD) [No Gas]

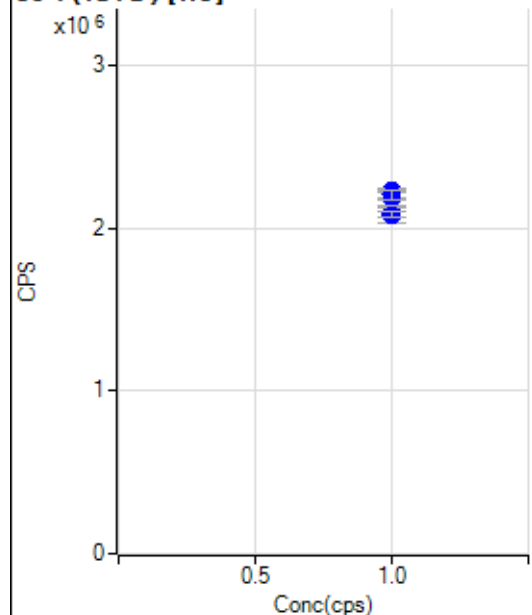
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7960755.65		A	2.1
2	☐	1.000					
3	☐	1.000		8120508.00		A	1.5
4	☐	1.000		8064907.90		A	2.5
5	☐	1.000		8283323.28		A	1.1
6	☐	1.000		8252667.02		A	1.9
7	☐	1.000		8173615.03		A	0.4
8	☐	1.000		8075316.32		A	1.0
9	☐	1.000		7917151.65		A	0.6

45 Sc (ISTD) [He]

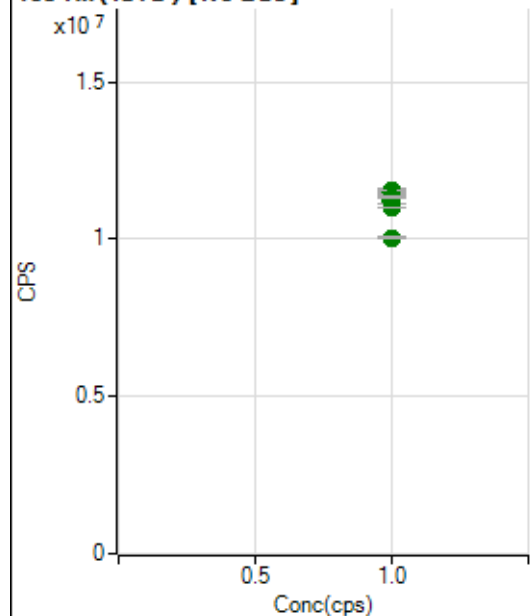
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		401495.94		P	0.9
2	☐	1.000					
3	☐	1.000		401706.86		P	0.7
4	☐	1.000		398251.42		P	0.6
5	☐	1.000		405121.03		P	1.5
6	☐	1.000		395387.11		P	3.1
7	☐	1.000		377155.29		P	5.4
8	☐	1.000		376212.67		P	4.0
9	☐	1.000		383493.99		P	1.6

89 Y (ISTD) [No Gas]

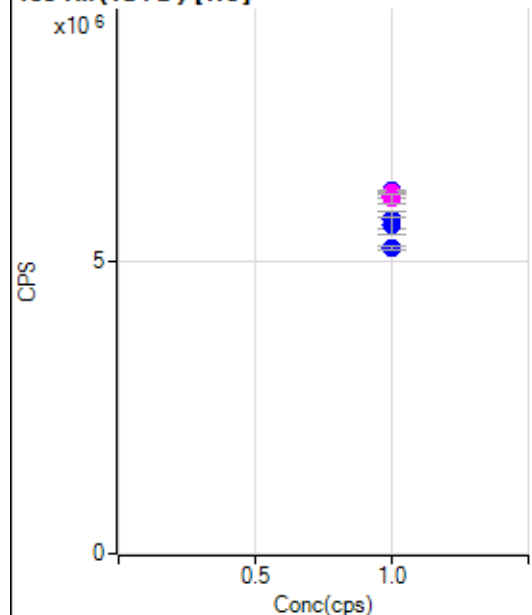
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12641872.45		A	2.0
2	☐	1.000					
3	☐	1.000		12868423.42		A	1.3
4	☐	1.000		12905831.48		A	2.1
5	☐	1.000		13249649.25		A	1.0
6	☐	1.000		13315966.75		A	1.2
7	☐	1.000		13272037.58		A	0.1
8	☐	1.000		13158882.03		A	0.8
9	☐	1.000		12621391.48		A	0.8

89 Y(ISTD) [He]

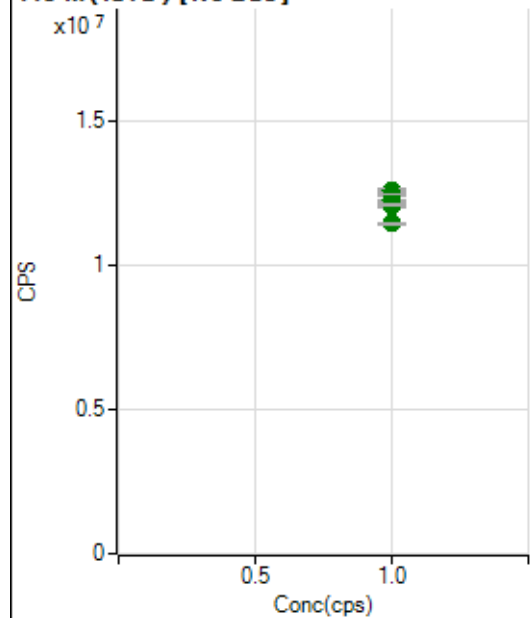
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2180323.72		P	0.7
2	☐	1.000					
3	☐	1.000		2186354.39		P	0.2
4	☐	1.000		2185248.48		P	0.4
5	☐	1.000		2229046.06		P	1.0
6	☐	1.000		2207656.62		P	2.6
7	☐	1.000		2085499.69		P	5.2
8	☐	1.000		2081419.31		P	4.2
9	☐	1.000		2084172.73		P	1.6

103 Rh(ISTD) [No Gas]

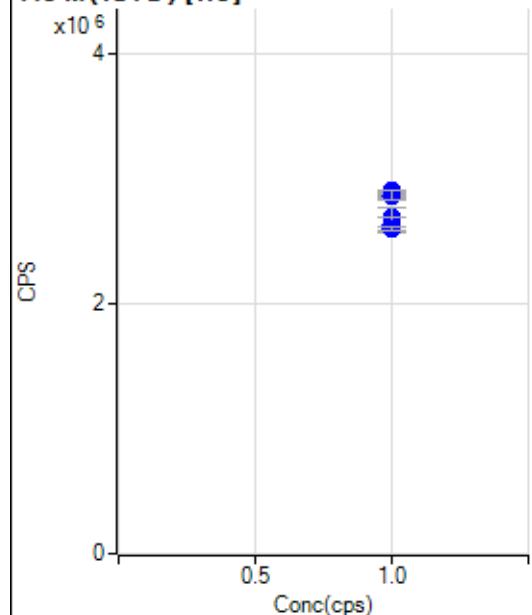
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11205918.13		A	2.0
2	☐	1.000					
3	☐	1.000		11393995.22		A	1.3
4	☐	1.000		11255686.97		A	2.3
5	☐	1.000		11528567.44		A	1.3
6	☐	1.000		11475620.83		A	1.2
7	☐	1.000		11329399.30		A	0.4
8	☐	1.000		10996307.97		A	0.4
9	☐	1.000		10036426.00		A	0.7

103 Rh (ISTD) [He]

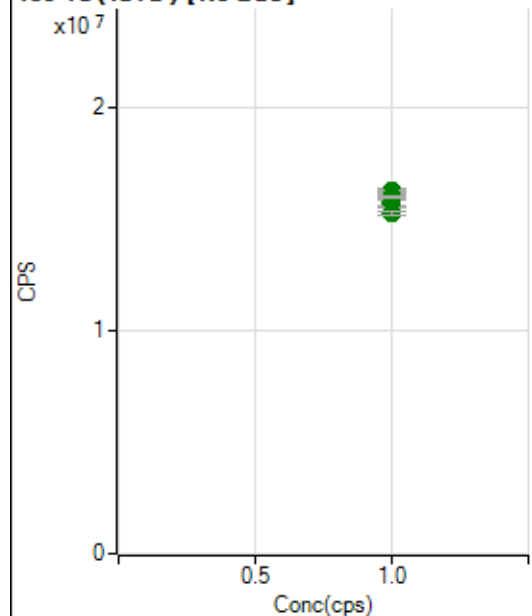
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6131034.01		M	1.2
2	☐	1.000					
3	☐	1.000		6200274.01		P	0.5
4	☐	1.000		6112689.42		M	1.2
5	☐	1.000		6191731.50		M	0.5
6	☐	1.000		6067201.78		M	2.7
7	☐	1.000		5711789.98		P	5.1
8	☐	1.000		5604037.69		P	4.7
9	☐	1.000		5223334.19		P	1.5

115 In (ISTD) [No Gas]

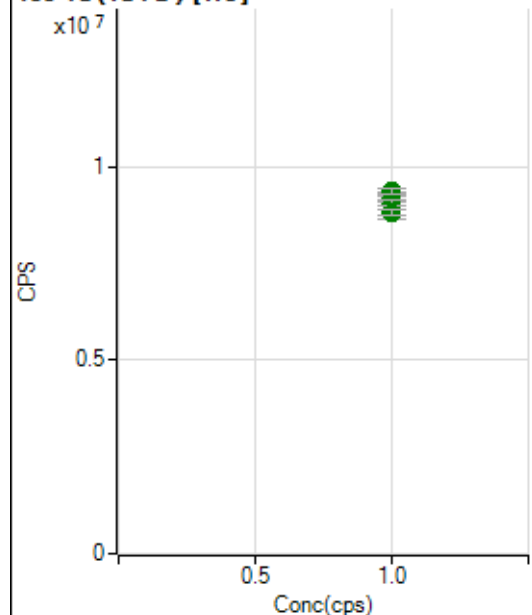
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12087466.32		A	1.9
2	☐	1.000					
3	☐	1.000		12362556.15		A	1.4
4	☐	1.000		12266629.00		A	2.4
5	☐	1.000		12514304.73		A	1.5
6	☐	1.000		12569831.99		A	1.1
7	☐	1.000		12439261.15		A	0.1
8	☐	1.000		12114593.51		A	0.6
9	☐	1.000		11432983.81		A	0.8

115 In (ISTD) [He]

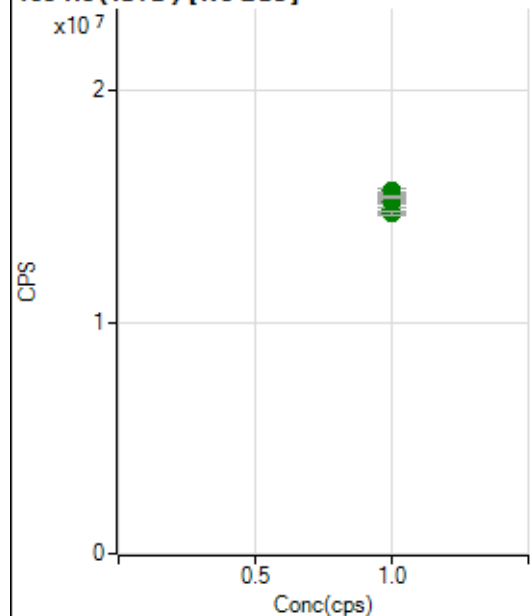
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2878912.19		P	0.9
2	☐	1.000					
3	☐	1.000		2880785.36		P	0.6
4	☐	1.000		2859898.82		P	0.8
5	☐	1.000		2907699.45		P	0.8
6	☐	1.000		2871959.96		P	3.0
7	☐	1.000		2695580.57		P	5.7
8	☐	1.000		2641595.93		P	4.6
9	☐	1.000		2606137.20		P	1.6

159 Tb (ISTD) [No Gas]

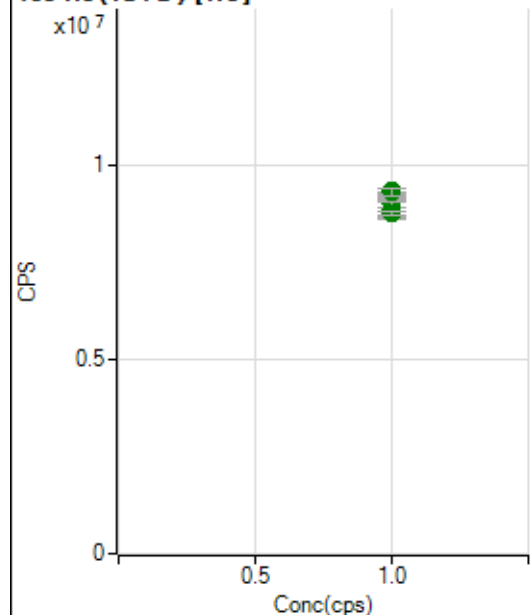
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15512806.02		A	1.7
2	☐	1.000					
3	☐	1.000		15784772.96		A	1.4
4	☐	1.000		15712127.68		A	2.3
5	☐	1.000		16091438.37		A	1.2
6	☐	1.000		16297251.29		A	1.3
7	☐	1.000		16261020.45		A	0.3
8	☐	1.000		16034823.23		A	0.8
9	☐	1.000		15271077.41		A	0.8

159 Tb (ISTD) [He]

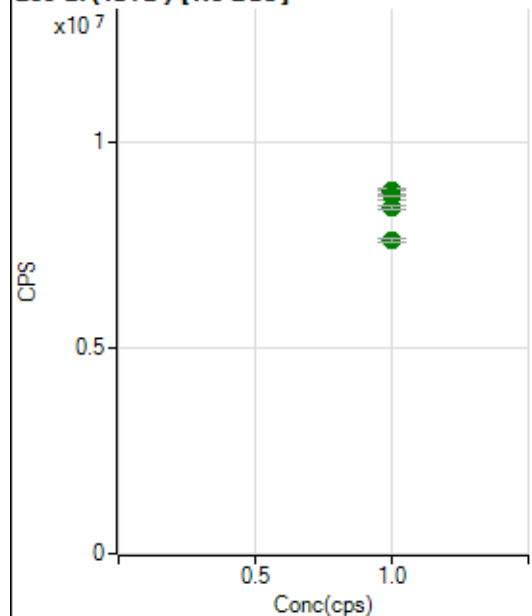
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9034193.06		A	0.9
2	☐	1.000					
3	☐	1.000		9246927.99		A	0.2
4	☐	1.000		9174004.03		A	0.9
5	☐	1.000		9367714.72		A	1.0
6	☐	1.000		9356402.64		A	2.0
7	☐	1.000		8887581.11		A	5.2
8	☐	1.000		8819882.78		A	4.2
9	☐	1.000		8807097.58		A	1.4

165 Ho (ISTD) [No Gas]

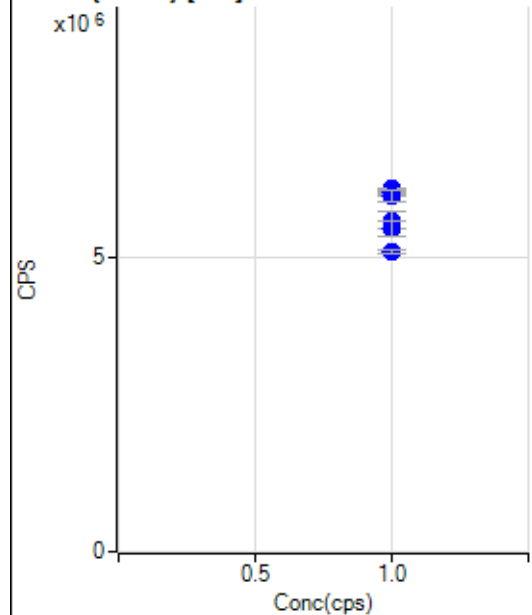
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14842260.40		A	1.8
2	☐	1.000					
3	☐	1.000		15161132.28		A	0.9
4	☐	1.000		15167392.87		A	2.4
5	☐	1.000		15399871.87		A	1.7
6	☐	1.000		15679519.62		A	1.3
7	☐	1.000		15598061.29		A	0.3
8	☐	1.000		15437958.85		A	0.6
9	☐	1.000		14708562.48		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9003345.00		A	1.2
2	☐	1.000					
3	☐	1.000		9259392.43		A	0.4
4	☐	1.000		9150796.81		A	0.6
5	☐	1.000		9355579.24		A	1.1
6	☐	1.000		9332475.07		A	2.4
7	☐	1.000		8872634.45		A	5.1
8	☐	1.000		8869047.30		A	4.3
9	☐	1.000		8786782.51		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8686009.66		A	2.5
2	☐	1.000					
3	☐	1.000		8800820.77		A	1.4
4	☐	1.000		8756217.99		A	1.9
5	☐	1.000		8785309.80		A	2.0
6	☐	1.000		8786598.83		A	1.6
7	☐	1.000		8680993.97		A	0.2
8	☐	1.000		8408775.22		A	1.0
9	☐	1.000		7596997.66		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6152189.53		P	0.8
2	☐	1.000					
3	☐	1.000		6174445.15		P	0.8
4	☐	1.000		6079268.94		P	0.3
5	☐	1.000		6129897.24		P	1.7
6	☐	1.000		6040025.60		P	3.3
7	☐	1.000		5641946.86		P	5.6
8	☐	1.000		5503955.68		P	4.5
9	☐	1.000		5100093.26		P	1.7

US EPA Tune Check Sample Report

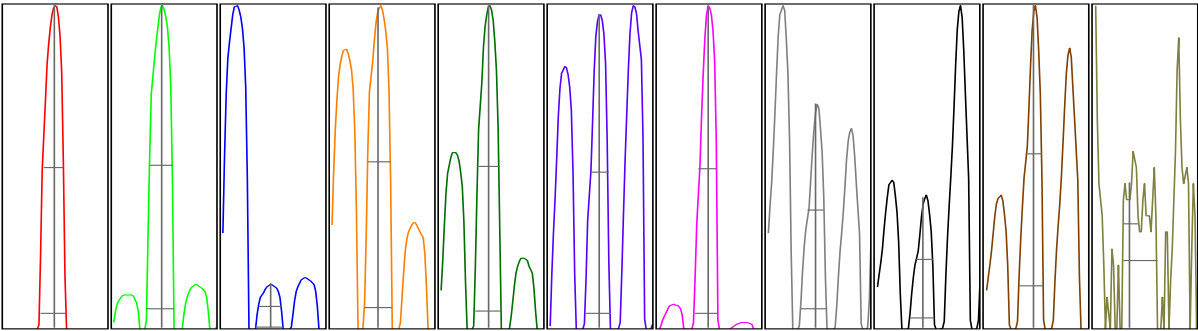
Batch Folder D:\ICP-MS Data\P7020618-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10677	0.67	5.00	
24	717661	0.38	5.00	
25	99319	0.44	5.00	
26	114599	0.43	5.00	
59	102882	0.23	5.00	
113	12020	0.66	5.00	
115	159583	0.59	5.00	
206	33338	0.37	5.00	
207	31010	0.54	5.00	
208	71766	0.47	5.00	
220	0	29.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10559	10663	10714	10707	10741
24	713112	720313	718316	717871	718692
25	98582	99745	99306	99525	99438
26	113822	115133	114781	114459	114802
59	102593	103216	102983	102802	102815
113	12033	12140	12010	11996	11922
115	160132	160906	159444	158757	158676
206	33181	33519	33279	33365	33346
207	30755	31150	30957	31168	31018
208	71270	71599	71830	72108	72025
220	1	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18667	9.00	8.9 - 9.1		0.776	0.900	
24	1163913	23.95	23.9 - 24.1		0.787	0.900	
25	160782	24.95	24.9 - 25.1		0.787	0.900	
26	184651	25.90	25.9 - 26.1		0.800	0.900	
59	179890	58.95	58.9 - 59.1		0.779	0.900	
113	23934	113.00	112.9 - 113.1		0.727	0.900	
115	319689	115.00	114.9 - 115.1		0.688	0.900	
206	69786	205.95	205.9 - 206.1		0.743	0.900	
207	61354	206.90	206.9 - 207.1		0.707	0.900	
208	151215	207.95	207.9 - 208.1		0.698	0.900	
220	0	219.60	-		0.993		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.8	V	Deflect	14.4	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	29256	0.40	
89	100403	0.46	
205	33542	0.25	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	29116	29196	29332	29224	29413
89	100490	100172	100410	99839	101104
205	33649	33445	33548	33473	33596

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	2.2	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	-0.08	-0.38	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.01	0.06	-0.07	0.00	N/A	ppb
Boron	11-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.23	0.47	-0.24	0.00	N/A	ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	2.14	-1.72	-0.42	0.00	N/A	ppb
Calcium	44-1	-0.07	0.52	-0.45	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.01	-0.01	0.00	0.00	N/A	ppb
Iron	57-2	0.33	-0.53	0.20	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.25	-0.09	-0.15	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-6.86	1.12	4.98	-0.25		ppb
Potassium	39-2	-0.73	-5.41	6.14	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.15	0.16	-0.31	0.00	N/A	ppb
Selenium	78-2	0.41	0.14	-0.55	0.00	N/A	ppb
Selenium	82-1	0.15	-0.10	-0.05	0.00	N/A	ppb
Silicon	28-1	-0.87	1.58	-0.71	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	0.72	-1.14	0.42	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	14.18	393.42	67.92	158.51	129.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	-0.02	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.73	20.01	20.12	18.95	10.16	ppb
Antimony	121-1	1.81	1.82	1.81	1.81	0.20	ppb
Arsenic	75-2	0.96	0.88	0.97	0.94	5.22	ppb
Barium	135-1	9.49	9.14	9.09	9.24	2.37	ppb
Barium	137-1	9.49	9.25	8.90	9.21	3.22	ppb
Beryllium	9-1	0.98	0.88	0.91	0.92	5.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.21	21.83	22.44	21.82	2.82	ppb
Boron	11-1	21.85	21.36	21.94	21.72	1.44	ppb
Cadmium	111-1	1.05	1.02	0.90	0.99	7.82	ppb
Cadmium	106-1	1.03	0.99	0.45	0.83	39.34	ppb
Cadmium	108-1	0.62	1.03	0.96	0.87	25.43	ppb
Calcium	43-1	441.38	460.64	438.01	446.68	2.73	ppb
Calcium	44-1	460.08	451.54	445.63	452.42	1.61	ppb
Chromium	52-2	2.00	2.05	2.01	2.02	1.32	ppb
Cobalt	59-2	0.98	0.96	0.97	0.97	1.02	ppb
Copper	63-2	1.98	1.91	2.00	1.96	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.29	47.82	48.27	48.46	1.56	ppb
Iron	57-2	48.54	49.58	50.81	49.65	2.29	ppb
Lead	206-1	0.95	0.90	0.88	0.91	4.14	ppb
Lead	207-1	0.95	0.89	0.91	0.92	3.42	ppb
Lead	208-1	0.95	0.93	0.89	0.92	3.59	ppb
Lithium	6-1						%
Magnesium	24-2	481.30	481.95	482.98	482.08	0.18	ppb
Manganese	55-2	0.97	0.99	1.05	1.00	4.16	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.66	4.41	4.28	4.45	4.26	ppb
Molybdenum	95-1	4.63	4.51	4.35	4.50	3.11	ppb
Molybdenum	96-1	4.49	4.53	4.52	4.51	0.44	ppb
Molybdenum	97-1	4.52	4.31	4.53	4.46	2.75	ppb
Molybdenum	98-1	4.76	4.44	4.52	4.57	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.97	0.97	1.03	10.35	ppb
Phosphorus	31-2	11.18	-3.70	-6.72	0.25	3764.11	ppb
Potassium	39-2	449.37	451.69	451.65	450.91	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.84	5.66	5.20	4.90	19.35	ppb
Selenium	78-2	5.19	5.70	4.77	5.22	8.89	ppb
Selenium	82-1	4.97	4.83	4.58	4.79	4.21	ppb
Silicon	28-1	15.29	14.55	12.36	14.06	10.84	ppb
Silver	109-1	0.98	0.93	1.00	0.97	3.98	ppb
Silver	107-1	0.96	0.96	0.95	0.96	1.10	ppb
Sodium	23-2	474.36	469.10	474.72	472.73	0.67	ppb
Strontium	86-1	0.79	0.87	0.85	0.84	5.26	ppb
Strontium	88-1	0.94	0.94	0.93	0.94	0.42	ppb
Sulfur	34-1	-17.94	-147.16	-310.42	-158.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.95	0.88	0.92	0.91	3.71	ppb
Thallium	205-1	0.96	0.95	0.89	0.93	3.81	ppb
Tin	118-1	4.66	4.65	4.41	4.57	3.10	ppb
Titanium	47-1	4.79	4.72	4.27	4.59	6.13	ppb
Uranium	238-1	0.88	0.88	0.87	0.87	0.73	ppb
Vanadium	51-2	4.59	4.61	4.66	4.62	0.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.13	2.10	1.71	1.98	11.78	ppb
Zirconium	90-1	0.86	0.85	0.85	0.85	0.43	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.90	0.84	0.88	3.92	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:07:20	DataFile Name :	006CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	986.73	989.91	983.06	986.57	0.35	ppb
Antimony	121-1	48.39	47.92	48.87	48.40	0.98	ppb
Arsenic	75-2	50.69	50.69	51.51	50.96	0.93	ppb
Barium	135-1	250.29	242.41	246.32	246.34	1.60	ppb
Barium	137-1	249.09	245.25	247.70	247.35	0.79	ppb
Beryllium	9-1	50.75	50.63	49.95	50.44	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	50.62	48.03	48.86	49.17	2.70	ppb
Boron	11-1	47.68	49.46	49.44	48.86	2.09	ppb
Cadmium	111-1	51.62	51.29	50.72	51.21	0.89	ppb
Cadmium	106-1	48.73	50.22	50.67	49.87	2.04	ppb
Cadmium	108-1	49.52	51.94	49.83	50.43	2.61	ppb
Calcium	43-1	4981.99	4841.24	4949.87	4924.37	1.50	ppb
Calcium	44-1	4944.58	4882.60	4893.72	4906.96	0.67	ppb
Chromium	52-2	50.88	50.34	50.49	50.57	0.55	ppb
Cobalt	59-2	50.96	50.80	51.21	50.99	0.40	ppb
Copper	63-2	104.63	103.85	104.04	104.17	0.39	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2603.58	2582.65	2594.43	2593.55	0.40	ppb
Iron	57-2	2637.63	2619.62	2617.85	2625.04	0.42	ppb
Lead	206-1	48.69	48.04	47.37	48.03	1.37	ppb
Lead	207-1	47.97	47.29	47.44	47.57	0.75	ppb
Lead	208-1	48.37	47.51	47.56	47.81	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	5133.45	5151.23	5151.00	5145.23	0.20	ppb
Manganese	55-2	100.14	100.22	99.77	100.04	0.24	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:07:20	DataFile Name :	006CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	246.04	244.75	241.67	244.15	0.92	ppb
Molybdenum	95-1	246.24	241.96	241.31	243.17	1.10	ppb
Molybdenum	96-1	246.57	241.83	242.08	243.49	1.10	ppb
Molybdenum	97-1	244.41	238.96	240.59	241.32	1.16	ppb
Molybdenum	98-1	247.80	243.32	242.83	244.65	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.93	51.80	52.57	52.10	0.79	ppb
Phosphorus	31-2	1006.51	1005.12	1118.94	1043.52	6.26	ppb
Potassium	39-2	2459.55	2479.78	2452.90	2464.08	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	61.28	48.59	45.48	51.78	16.16	ppb
Selenium	78-2	52.48	55.83	47.62	51.97	7.94	ppb
Selenium	82-1	51.95	51.33	51.60	51.63	0.60	ppb
Silicon	28-1	58.74	58.78	61.68	59.73	2.83	ppb
Silver	109-1	51.62	50.50	50.76	50.96	1.15	ppb
Silver	107-1	51.92	50.27	50.38	50.86	1.82	ppb
Sodium	23-2	5125.38	5086.11	5093.78	5101.76	0.41	ppb
Strontium	86-1	49.90	48.97	49.01	49.29	1.07	ppb
Strontium	88-1	49.97	49.15	48.99	49.37	1.06	ppb
Sulfur	34-1	785.80	727.01	1178.07	896.96	27.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.27	47.64	47.73	47.88	0.72	ppb
Thallium	205-1	48.53	47.80	47.46	47.93	1.14	ppb
Tin	118-1	49.46	49.06	49.27	49.26	0.41	ppb
Titanium	47-1	247.10	245.51	245.81	246.14	0.34	ppb
Uranium	238-1	47.75	47.02	46.86	47.21	1.01	ppb
Vanadium	51-2	50.26	49.60	49.77	49.88	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.60	104.78	103.89	104.42	0.45	ppb
Zirconium	90-1	48.81	48.18	48.35	48.45	0.67	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:07:20	DataFile Name :	006CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.68	48.87	48.62	48.72	0.27	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2457.43	2411.62	2502.21	2457.09	1.84	ppb
Antimony	121-1	123.20	122.23	120.16	121.86	1.27	ppb
Arsenic	75-2	126.22	124.90	127.33	126.15	0.96	ppb
Barium	135-1	617.10	616.49	605.80	613.13	1.04	ppb
Barium	137-1	622.60	612.90	610.96	615.49	1.01	ppb
Beryllium	9-1	124.82	125.50	123.20	124.51	0.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	117.40	124.51	120.62	120.84	2.95	ppb
Boron	11-1	119.41	120.93	119.00	119.78	0.85	ppb
Cadmium	111-1	129.52	127.33	125.86	127.57	1.44	ppb
Cadmium	106-1	125.57	126.90	128.72	127.06	1.24	ppb
Cadmium	108-1	129.07	126.89	128.63	128.20	0.90	ppb
Calcium	43-1	12313.13	12200.41	12157.39	12223.64	0.66	ppb
Calcium	44-1	12239.10	12241.74	12071.64	12184.16	0.80	ppb
Chromium	52-2	124.72	123.51	127.38	125.20	1.58	ppb
Cobalt	59-2	126.83	123.81	128.95	126.53	2.04	ppb
Copper	63-2	258.33	253.67	262.28	258.09	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6473.41	6346.21	6579.33	6466.31	1.81	ppb
Iron	57-2	6497.94	6378.43	6631.31	6502.56	1.95	ppb
Lead	206-1	121.99	121.05	117.13	120.06	2.15	ppb
Lead	207-1	122.88	120.04	117.61	120.17	2.20	ppb
Lead	208-1	122.98	120.35	117.74	120.36	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	12725.42	12546.32	12917.52	12729.76	1.46	ppb
Manganese	55-2	250.72	246.11	253.42	250.09	1.48	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	618.67	611.97	608.10	612.92	0.87	ppb
Molybdenum	95-1	618.66	610.88	607.39	612.31	0.94	ppb
Molybdenum	96-1	622.15	612.11	607.79	614.02	1.20	ppb
Molybdenum	97-1	617.66	602.56	598.22	606.14	1.68	ppb
Molybdenum	98-1	629.66	617.92	614.22	620.60	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.83	125.82	130.31	127.99	1.76	ppb
Phosphorus	31-2	2541.33	2499.68	2547.92	2529.64	1.03	ppb
Potassium	39-2	6148.94	6056.55	6259.29	6154.93	1.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	124.10	122.29	117.64	121.35	2.75	ppb
Selenium	78-2	128.25	131.00	123.65	127.63	2.91	ppb
Selenium	82-1	128.92	127.58	124.60	127.03	1.74	ppb
Silicon	28-1	149.46	150.70	147.78	149.31	0.98	ppb
Silver	109-1	128.58	126.48	125.16	126.74	1.36	ppb
Silver	107-1	127.21	126.15	124.47	125.94	1.09	ppb
Sodium	23-2	12611.86	12401.25	12746.87	12586.66	1.38	ppb
Strontium	86-1	124.11	122.92	121.42	122.82	1.10	ppb
Strontium	88-1	125.41	123.15	122.66	123.74	1.19	ppb
Sulfur	34-1	2410.36	2342.83	2168.75	2307.31	5.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.07	118.78	118.01	119.62	1.80	ppb
Thallium	205-1	123.45	120.92	118.36	120.91	2.11	ppb
Tin	118-1	123.93	123.91	121.88	123.24	0.96	ppb
Titanium	47-1	611.27	611.17	601.84	608.09	0.89	ppb
Uranium	238-1	120.34	119.87	116.98	119.06	1.53	ppb
Vanadium	51-2	124.10	121.55	126.67	124.11	2.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.13	255.51	264.89	259.84	1.82	ppb
Zirconium	90-1	123.19	122.25	120.40	121.94	1.16	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.62	121.35	120.79	121.92	1.23	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:15:12	DataFile Name :	008CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5158.05	4967.93	4814.69	4980.22	3.45	ppb
Antimony	121-1	250.81	246.75	244.70	247.42	1.26	ppb
Arsenic	75-2	262.63	251.48	251.39	255.17	2.53	ppb
Barium	135-1	1258.81	1238.48	1234.72	1244.00	1.04	ppb
Barium	137-1	1280.10	1249.18	1239.99	1256.43	1.67	ppb
Beryllium	9-1	255.64	249.67	250.07	251.79	1.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	243.41	244.42	242.83	243.55	0.33	ppb
Boron	11-1	244.62	242.03	245.31	243.99	0.71	ppb
Cadmium	111-1	260.07	253.31	253.10	255.49	1.55	ppb
Cadmium	106-1	262.17	250.24	250.68	254.36	2.66	ppb
Cadmium	108-1	256.84	254.68	250.31	253.94	1.31	ppb
Calcium	43-1	25458.08	24482.49	24498.37	24812.98	2.25	ppb
Calcium	44-1	25249.00	24353.80	24371.32	24658.04	2.08	ppb
Chromium	52-2	266.62	256.02	251.44	258.03	3.02	ppb
Cobalt	59-2	268.64	258.76	252.66	260.02	3.10	ppb
Copper	63-2	548.81	525.77	514.31	529.63	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13848.45	13163.80	12912.98	13308.41	3.64	ppb
Iron	57-2	13793.54	13166.27	13008.12	13322.64	3.12	ppb
Lead	206-1	250.61	244.23	244.17	246.33	1.50	ppb
Lead	207-1	250.63	243.78	242.69	245.70	1.75	ppb
Lead	208-1	250.96	244.55	243.96	246.49	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	26517.52	25587.68	25047.51	25717.57	2.89	ppb
Manganese	55-2	529.69	511.30	499.80	513.60	2.94	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:15:12	DataFile Name :	008CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1272.29	1249.22	1241.45	1254.32	1.28	ppb
Molybdenum	95-1	1250.04	1234.66	1227.48	1237.39	0.93	ppb
Molybdenum	96-1	1257.47	1240.80	1226.08	1241.45	1.27	ppb
Molybdenum	97-1	1246.19	1229.51	1220.40	1232.03	1.06	ppb
Molybdenum	98-1	1259.95	1232.33	1227.77	1240.02	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.38	259.84	255.66	262.63	3.31	ppb
Phosphorus	31-2	5364.42	5192.51	5291.26	5282.73	1.63	ppb
Potassium	39-2	13123.16	12609.28	12437.01	12723.15	2.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	273.10	252.31	266.09	263.83	4.01	ppb
Selenium	78-2	267.39	252.35	261.71	260.48	2.92	ppb
Selenium	82-1	258.29	254.19	251.91	254.80	1.27	ppb
Silicon	28-1	311.81	302.31	302.25	305.46	1.80	ppb
Silver	109-1	258.91	253.03	250.99	254.31	1.62	ppb
Silver	107-1	256.05	253.06	250.40	253.17	1.12	ppb
Sodium	23-2	26470.05	25314.44	24887.41	25557.30	3.20	ppb
Strontium	86-1	252.17	247.24	247.28	248.90	1.14	ppb
Strontium	88-1	251.80	247.48	245.45	248.24	1.31	ppb
Sulfur	34-1	5232.39	4471.89	4566.59	4756.96	8.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	248.37	243.67	243.44	245.16	1.13	ppb
Thallium	205-1	253.89	246.89	247.38	249.39	1.57	ppb
Tin	118-1	253.29	246.80	245.32	248.47	1.71	ppb
Titanium	47-1	1267.65	1218.05	1221.06	1235.59	2.25	ppb
Uranium	238-1	251.03	243.49	241.94	245.49	1.98	ppb
Vanadium	51-2	265.50	254.52	249.23	256.42	3.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	545.57	526.95	515.86	529.46	2.84	ppb
Zirconium	90-1	254.81	248.49	246.59	249.96	1.72	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:15:12	DataFile Name :	008CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.09	246.52	245.26	247.96	1.47	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9534.50	9761.44	9626.12	9640.69	1.18	ppb
Antimony	121-1	501.16	499.46	496.96	499.19	0.42	ppb
Arsenic	75-2	498.88	502.86	501.18	500.97	0.40	ppb
Barium	135-1	2520.67	2512.18	2504.66	2512.50	0.32	ppb
Barium	137-1	2501.27	2495.36	2479.74	2492.13	0.45	ppb
Beryllium	9-1	503.38	503.75	501.46	502.86	0.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	490.67	492.58	504.53	495.92	1.51	ppb
Boron	11-1	488.29	494.36	503.88	495.51	1.59	ppb
Cadmium	111-1	506.96	504.38	500.58	503.97	0.64	ppb
Cadmium	106-1	504.88	499.14	494.31	499.45	1.06	ppb
Cadmium	108-1	501.44	499.54	505.72	502.23	0.63	ppb
Calcium	43-1	49741.32	49511.96	49138.40	49463.90	0.62	ppb
Calcium	44-1	49361.98	49285.23	49125.08	49257.43	0.25	ppb
Chromium	52-2	493.15	503.73	501.63	499.50	1.12	ppb
Cobalt	59-2	499.81	505.91	503.95	503.23	0.62	ppb
Copper	63-2	1016.47	1028.87	1024.92	1023.42	0.62	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25447.98	25799.42	25607.11	25618.17	0.69	ppb
Iron	57-2	25599.39	25856.05	25937.47	25797.64	0.68	ppb
Lead	206-1	497.93	495.43	495.95	496.44	0.27	ppb
Lead	207-1	494.00	494.39	495.79	494.73	0.19	ppb
Lead	208-1	495.82	497.46	497.62	496.97	0.20	ppb
Lithium	6-1						%
Magnesium	24-2	49423.05	50089.53	49703.96	49738.84	0.67	ppb
Manganese	55-2	989.22	999.24	1001.14	996.53	0.64	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2493.86	2498.76	2488.22	2493.61	0.21	ppb
Molybdenum	95-1	2487.88	2504.41	2487.21	2493.16	0.39	ppb
Molybdenum	96-1	2489.54	2500.14	2496.38	2495.35	0.22	ppb
Molybdenum	97-1	2490.09	2495.82	2488.16	2491.36	0.16	ppb
Molybdenum	98-1	2501.63	2501.25	2489.98	2497.62	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.50	509.26	507.01	506.59	0.57	ppb
Phosphorus	31-2	9763.83	10515.08	9932.28	10070.40	3.91	ppb
Potassium	39-2	24266.21	24677.59	24525.49	24489.76	0.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	479.18	518.91	507.03	501.70	4.06	ppb
Selenium	78-2	509.54	510.92	488.36	502.94	2.51	ppb
Selenium	82-1	504.45	503.41	500.63	502.83	0.39	ppb
Silicon	28-1	623.09	618.02	622.05	621.05	0.43	ppb
Silver	109-1	508.02	504.81	503.60	505.48	0.45	ppb
Silver	107-1	502.34	500.23	501.39	501.32	0.21	ppb
Sodium	23-2	49204.67	49861.50	49667.85	49578.01	0.68	ppb
Strontium	86-1	498.20	502.30	496.55	499.02	0.59	ppb
Strontium	88-1	498.64	501.87	496.04	498.85	0.59	ppb
Sulfur	34-1	10064.45	9593.74	9427.96	9695.39	3.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.78	497.58	498.04	497.13	0.24	ppb
Thallium	205-1	498.29	493.49	495.83	495.87	0.48	ppb
Tin	118-1	505.69	499.30	498.07	501.02	0.82	ppb
Titanium	47-1	2516.97	2486.37	2486.18	2496.51	0.71	ppb
Uranium	238-1	494.33	493.57	494.13	494.01	0.08	ppb
Vanadium	51-2	496.18	503.39	500.00	499.86	0.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.82	1024.63	1015.95	1017.13	0.69	ppb
Zirconium	90-1	497.44	498.92	496.98	497.78	0.20	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.36	493.93	498.80	497.69	0.67	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19190.67	19239.25	19232.98	19220.96	0.14	ppb
Antimony	121-1	994.16	1000.19	1010.22	1001.52	0.81	ppb
Arsenic	75-2	996.67	1001.18	996.24	998.03	0.27	ppb
Barium	135-1	4982.08	4980.02	5028.65	4996.92	0.55	ppb
Barium	137-1	4996.85	4966.93	5047.18	5003.65	0.81	ppb
Beryllium	9-1	992.36	1000.55	1001.58	998.16	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	983.75	1004.50	1024.62	1004.29	2.03	ppb
Boron	11-1	990.40	1001.60	1021.61	1004.54	1.57	ppb
Cadmium	111-1	986.93	994.28	1007.56	996.26	1.05	ppb
Cadmium	106-1	998.80	996.40	1001.60	998.94	0.26	ppb
Cadmium	108-1	993.09	995.97	1003.37	997.48	0.53	ppb
Calcium	43-1	99186.98	99529.60	99843.56	99520.05	0.33	ppb
Calcium	44-1	97944.92	98876.61	99781.97	98867.83	0.93	ppb
Chromium	52-2	1000.67	999.31	994.59	998.19	0.32	ppb
Cobalt	59-2	998.06	993.06	995.81	995.64	0.25	ppb
Copper	63-2	1983.36	1978.89	1976.74	1979.66	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50999.36	51212.25	50789.62	51000.41	0.41	ppb
Iron	57-2	51180.51	51325.62	51327.99	51278.04	0.16	ppb
Lead	206-1	995.93	1005.33	1008.99	1003.41	0.67	ppb
Lead	207-1	1000.62	1004.48	1008.21	1004.44	0.38	ppb
Lead	208-1	994.72	1006.05	1008.48	1003.08	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	98613.76	98272.62	98065.96	98317.45	0.28	ppb
Manganese	55-2	1996.68	1997.13	2001.16	1998.32	0.12	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4945.63	5012.05	5054.07	5003.92	1.09	ppb
Molybdenum	95-1	4961.53	5020.60	5043.36	5008.50	0.84	ppb
Molybdenum	96-1	4945.42	5018.55	5054.51	5006.16	1.11	ppb
Molybdenum	97-1	4957.29	5018.61	5058.92	5011.61	1.02	ppb
Molybdenum	98-1	4963.64	5007.79	5042.08	5004.50	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.75	992.53	989.93	993.07	0.35	ppb
Phosphorus	31-2	19768.39	20088.67	19807.65	19888.24	0.88	ppb
Potassium	39-2	49341.83	49146.85	48678.35	49055.68	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1018.11	989.33	980.73	996.06	1.97	ppb
Selenium	78-2	986.91	1007.23	992.30	995.48	1.06	ppb
Selenium	82-1	988.84	996.82	1005.50	997.05	0.84	ppb
Silicon	28-1	912.84	922.21	931.08	922.04	0.99	ppb
Silver	109-1	983.50	997.26	1006.99	995.92	1.19	ppb
Silver	107-1	992.18	997.15	1005.83	998.39	0.69	ppb
Sodium	23-2	98939.33	98352.22	98494.61	98595.38	0.31	ppb
Strontium	86-1	992.65	1001.45	1009.12	1001.07	0.82	ppb
Strontium	88-1	995.25	998.80	1009.56	1001.20	0.74	ppb
Sulfur	34-1	20079.08	20311.41	20336.43	20242.31	0.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	993.19	1001.55	1015.53	1003.42	1.12	ppb
Thallium	205-1	989.78	1007.79	1010.93	1002.83	1.14	ppb
Tin	118-1	993.86	996.32	1010.21	1000.13	0.88	ppb
Titanium	47-1	4967.75	5026.64	5028.58	5007.66	0.69	ppb
Uranium	238-1	997.92	1004.20	1012.89	1005.00	0.75	ppb
Vanadium	51-2	999.27	998.93	997.56	998.59	0.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1985.06	1984.71	1978.09	1982.62	0.20	ppb
Zirconium	90-1	996.02	1000.66	1008.07	1001.58	0.61	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	994.11	1007.10	1005.12	1002.11	0.70	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100308.09	99613.69	100660.03	100193.93	0.53	ppb
Antimony	121-1	3.10	3.03	2.87	3.00	3.77	ppb
Arsenic	75-2	0.64	0.69	0.65	0.66	4.31	ppb
Barium	135-1	1.47	1.47	1.28	1.41	7.62	ppb
Barium	137-1	1.55	1.43	1.39	1.45	5.84	ppb
Beryllium	9-1	0.26	0.20	0.20	0.22	16.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.15	43.38	37.59	41.71	8.60	ppb
Boron	11-1	43.61	39.93	36.95	40.17	8.30	ppb
Cadmium	111-1	0.14	0.10	0.11	0.12	19.51	ppb
Cadmium	106-1	0.21	-0.24	-0.05	-0.02		ppb
Cadmium	108-1	0.19	0.14	0.22	0.18	23.49	ppb
Calcium	43-1	497875.26	496901.02	505723.73	500166.67	0.97	ppb
Calcium	44-1	498994.97	498648.45	503336.57	500326.66	0.52	ppb
Chromium	52-2	19.38	18.96	18.95	19.10	1.27	ppb
Cobalt	59-2	1.28	1.28	1.22	1.26	2.69	ppb
Copper	63-2	2.83	2.83	2.67	2.78	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251133.20	247909.57	250031.24	249691.34	0.66	ppb
Iron	57-2	250219.17	249347.93	249280.69	249615.93	0.21	ppb
Lead	206-1	2.09	2.05	2.09	2.08	1.08	ppb
Lead	207-1	1.97	1.95	1.99	1.97	1.00	ppb
Lead	208-1	2.01	2.02	2.06	2.03	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	502089.58	497917.84	500951.28	500319.57	0.43	ppb
Manganese	55-2	6.43	6.26	6.22	6.30	1.74	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CAL5_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.19	3.77	3.89	3.95	5.46	ppb
Molybdenum	95-1	5.18	4.78	5.03	4.99	4.05	ppb
Molybdenum	96-1	5.84	5.50	5.41	5.58	4.00	ppb
Molybdenum	97-1	4.97	4.74	4.57	4.76	4.20	ppb
Molybdenum	98-1	5.13	4.87	4.62	4.87	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.71	12.00	12.29	12.33	2.92	ppb
Phosphorus	31-2	38.11	15.13	14.24	22.49	60.14	ppb
Potassium	39-2	250900.76	249065.50	250728.44	250231.56	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.67	0.66	3.01	1.45	93.58	ppb
Selenium	78-2	1.46	0.51	0.14	0.71	96.35	ppb
Selenium	82-1	0.90	0.85	1.21	0.98	19.72	ppb
Silicon	28-1	13.78	13.48	13.05	13.44	2.74	ppb
Silver	109-1	0.06	0.07	0.07	0.07	12.36	ppb
Silver	107-1	0.06	0.07	0.07	0.07	6.94	ppb
Sodium	23-2	500459.04	498345.10	502072.16	500292.10	0.37	ppb
Strontium	86-1	32.92	32.34	32.61	32.62	0.89	ppb
Strontium	88-1	32.41	32.80	32.80	32.67	0.69	ppb
Sulfur	34-1	-710.04	-796.11	-733.84	-746.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.56	0.50	0.51	0.52	6.57	ppb
Thallium	205-1	0.56	0.52	0.52	0.54	4.08	ppb
Tin	118-1	1.43	1.35	1.32	1.37	3.99	ppb
Titanium	47-1	1.03	0.92	0.79	0.91	13.37	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.55	ppb
Vanadium	51-2	0.22	0.19	0.21	0.21	5.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.96	29.67	29.44	29.69	0.87	ppb
Zirconium	90-1	0.33	0.31	0.29	0.31	6.17	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CALS_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.30	0.28	0.29	3.93	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:36:20	DataFile Name :	014ICV01_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.78	502.10	496.32	499.40	0.58	ppb
Antimony	121-1	190.41	190.85	191.56	190.94	0.30	ppb
Arsenic	75-2	195.49	193.97	192.80	194.09	0.69	ppb
Barium	135-1	96.71	96.67	95.93	96.44	0.46	ppb
Barium	137-1	97.52	97.19	97.95	97.55	0.39	ppb
Beryllium	9-1	94.70	97.69	96.52	96.30	1.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	473.96	472.86	488.51	478.44	1.83	ppb
Boron	11-1	473.39	486.56	491.52	483.82	1.94	ppb
Cadmium	111-1	104.90	102.91	104.47	104.09	1.00	ppb
Cadmium	106-1	170.68	163.07	169.59	167.78	2.45	ppb
Cadmium	108-1	138.13	136.66	139.80	138.20	1.14	ppb
Calcium	43-1	2109.19	2190.43	2186.83	2162.15	2.12	ppb
Calcium	44-1	2032.30	2062.71	2064.34	2053.12	0.88	ppb
Chromium	52-2	96.02	94.80	95.75	95.52	0.67	ppb
Cobalt	59-2	98.19	97.23	97.08	97.50	0.62	ppb
Copper	63-2	99.82	99.17	99.22	99.40	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	995.05	989.15	990.95	991.72	0.30	ppb
Iron	57-2	981.57	1026.85	1004.73	1004.38	2.25	ppb
Lead	206-1	190.78	193.87	191.29	191.98	0.86	ppb
Lead	207-1	182.64	184.86	182.74	183.41	0.68	ppb
Lead	208-1	187.89	189.78	187.57	188.41	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	1167.23	1178.81	1181.63	1175.89	0.65	ppb
Manganese	55-2	94.69	95.00	94.94	94.88	0.17	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:36:20	DataFile Name :	014ICV01_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1106.92	1105.80	1095.96	1102.89	0.55	ppb
Molybdenum	95-1	485.73	484.10	485.80	485.21	0.20	ppb
Molybdenum	96-1	562.98	560.91	563.51	562.47	0.24	ppb
Molybdenum	97-1	482.98	482.30	482.81	482.70	0.07	ppb
Molybdenum	98-1	489.54	492.86	490.00	490.80	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.08	99.94	100.69	100.24	0.40	ppb
Phosphorus	31-2	-5.22	6.31	9.36	3.48	220.76	ppb
Potassium	39-2	1870.09	1866.12	1874.90	1870.37	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	209.98	202.04	207.66	206.56	1.98	ppb
Selenium	78-2	200.48	202.24	199.41	200.71	0.71	ppb
Selenium	82-1	201.63	198.04	203.12	200.93	1.30	ppb
Silicon	28-1	523.40	532.69	533.86	529.98	1.08	ppb
Silver	109-1	100.27	99.10	100.25	99.87	0.67	ppb
Silver	107-1	99.78	99.77	100.67	100.08	0.52	ppb
Sodium	23-2	1913.84	1910.70	1915.21	1913.25	0.12	ppb
Strontium	86-1	488.05	486.61	487.15	487.27	0.15	ppb
Strontium	88-1	487.67	486.56	486.63	486.95	0.13	ppb
Sulfur	34-1	-662.70	-515.48	-342.94	-507.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	193.68	194.93	193.68	194.10	0.37	ppb
Thallium	205-1	195.29	197.53	195.14	195.99	0.68	ppb
Tin	118-1	510.99	506.77	508.20	508.65	0.42	ppb
Titanium	47-1	485.15	489.51	490.10	488.25	0.55	ppb
Uranium	238-1	473.26	480.56	478.49	477.44	0.79	ppb
Vanadium	51-2	94.74	94.34	94.53	94.54	0.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	197.70	197.31	197.80	197.60	0.13	ppb
Zirconium	90-1	494.05	494.82	492.92	493.93	0.19	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:36:20	DataFile Name :	014ICV01_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.84	488.84	488.01	490.23	0.64	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.88	17.94	18.84	18.55	2.86	ppb
Antimony	121-1	1.98	1.97	1.95	1.96	0.57	ppb
Arsenic	75-2	0.83	1.02	1.15	1.00	15.98	ppb
Barium	135-1	8.99	8.95	8.83	8.92	0.96	ppb
Barium	137-1	8.97	9.21	8.90	9.03	1.82	ppb
Beryllium	9-1	0.88	0.90	0.95	0.91	3.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.86	26.79	26.31	26.32	1.78	ppb
Boron	11-1	25.40	26.14	25.93	25.82	1.48	ppb
Cadmium	111-1	0.98	1.04	0.89	0.97	7.88	ppb
Cadmium	106-1	1.60	0.30	0.99	0.96	67.28	ppb
Cadmium	108-1	0.97	0.69	1.05	0.90	21.09	ppb
Calcium	43-1	438.23	451.75	448.33	446.10	1.58	ppb
Calcium	44-1	449.32	445.77	447.70	447.60	0.40	ppb
Chromium	52-2	2.00	2.01	2.05	2.02	1.18	ppb
Cobalt	59-2	0.97	0.97	0.96	0.97	0.80	ppb
Copper	63-2	2.02	2.04	2.08	2.05	1.53	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.49	49.19	47.90	48.53	1.33	ppb
Iron	57-2	49.45	55.01	45.48	49.98	9.57	ppb
Lead	206-1	0.90	0.91	0.89	0.90	0.89	ppb
Lead	207-1	0.92	0.91	0.88	0.90	2.22	ppb
Lead	208-1	0.91	0.90	0.86	0.89	2.80	ppb
Lithium	6-1						%
Magnesium	24-2	469.47	477.49	467.23	471.40	1.14	ppb
Manganese	55-2	1.03	1.01	0.97	1.00	3.09	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.83	4.68	4.65	4.72	2.08	ppb
Molybdenum	95-1	4.58	4.45	4.55	4.53	1.51	ppb
Molybdenum	96-1	4.58	4.58	4.54	4.57	0.59	ppb
Molybdenum	97-1	4.46	4.36	4.42	4.41	1.10	ppb
Molybdenum	98-1	4.57	4.44	4.51	4.51	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.05	0.97	1.03	5.48	ppb
Phosphorus	31-2	15.04	-8.01	11.12	6.05	203.79	ppb
Potassium	39-2	461.74	462.65	448.88	457.76	1.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.80	3.34	2.35	3.16	23.35	ppb
Selenium	78-2	5.34	4.72	5.99	5.35	11.88	ppb
Selenium	82-1	4.59	5.20	4.18	4.66	11.00	ppb
Silicon	28-1	5.59	4.72	4.91	5.07	9.07	ppb
Silver	109-1	0.95	0.95	0.98	0.96	1.68	ppb
Silver	107-1	0.95	0.95	0.93	0.94	0.94	ppb
Sodium	23-2	479.24	479.29	475.88	478.14	0.41	ppb
Strontium	86-1	0.94	0.99	0.93	0.95	3.06	ppb
Strontium	88-1	0.91	0.92	0.93	0.92	0.95	ppb
Sulfur	34-1	-510.06	-639.88	-631.17	-593.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.89	0.86	0.88	2.24	ppb
Thallium	205-1	0.88	0.88	0.91	0.89	1.87	ppb
Tin	118-1	4.68	4.64	4.66	4.66	0.35	ppb
Titanium	47-1	4.74	4.56	4.35	4.55	4.31	ppb
Uranium	238-1	0.86	0.83	0.82	0.84	2.46	ppb
Vanadium	51-2	4.37	4.63	4.45	4.48	3.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.00	1.82	1.79	1.87	5.85	ppb
Zirconium	90-1	1.08	1.05	1.02	1.05	2.87	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	1.06	1.12	1.08	3.14	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.23	0.07	-0.07		ppb
Antimony	121-1	0.09	0.09	0.12	0.10	15.33	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	53.18	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	414.60	ppb
Barium	137-1	0.00	0.00	0.00	0.00	128.46	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	14.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.26	4.59	3.98	4.28	7.13	ppb
Boron	11-1	4.07	3.53	3.77	3.79	7.16	ppb
Cadmium	111-1	-0.05	0.00	-0.06	-0.04		ppb
Cadmium	106-1	-0.79	0.06	-0.74	-0.49		ppb
Cadmium	108-1	-0.03	0.05	0.05	0.02	191.65	ppb
Calcium	43-1	-2.39	-0.01	-0.08	-0.83		ppb
Calcium	44-1	0.73	-1.76	-1.04	-0.69		ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	59.17	ppb
Copper	63-2	0.16	0.10	0.15	0.14	25.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.18	0.25	0.21	0.21	16.90	ppb
Iron	57-2	0.76	0.53	-0.03	0.42	96.41	ppb
Lead	206-1	0.01	0.01	0.02	0.01	50.43	ppb
Lead	207-1	0.01	0.01	0.02	0.01	50.77	ppb
Lead	208-1	0.01	0.00	0.01	0.01	43.83	ppb
Lithium	6-1						%
Magnesium	24-2	0.14	0.22	-0.14	0.08	249.96	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	8022.57	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.11	0.09	20.53	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	12.84	ppb
Molybdenum	96-1	0.04	0.07	0.05	0.05	29.41	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	5.30	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	13.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-4.02	-7.98	3.70	-2.77		ppb
Potassium	39-2	5.92	2.53	0.68	3.04	87.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.31	-0.31	0.59	-0.01		ppb
Selenium	78-2	0.45	1.16	0.88	0.83	42.92	ppb
Selenium	82-1	0.19	-0.23	-0.15	-0.06		ppb
Silicon	28-1	-8.16	-9.94	-8.21	-8.77		ppb
Silver	109-1	0.01	0.00	0.00	0.00	121.09	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	1576.37	ppb
Sodium	23-2	13.40	13.11	10.77	12.43	11.60	ppb
Strontium	86-1	0.00	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.57	ppb
Sulfur	34-1	-510.48	-770.94	-406.01	-562.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	31.23	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.61	ppb
Tin	118-1	0.08	0.09	0.07	0.08	11.55	ppb
Titanium	47-1	0.02	-0.02	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	188.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	-0.06	0.01	-0.01		ppb
Zirconium	90-1	0.02	0.04	0.04	0.03	33.03	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.03	0.04	19.05	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90494.38	88251.99	85393.87	88046.75	2.90	ppb
Antimony	121-1	1.25	1.24	1.25	1.25	0.73	ppb
Arsenic	75-2	0.30	0.32	0.31	0.31	3.31	ppb
Barium	135-1	1.41	1.43	1.40	1.41	0.85	ppb
Barium	137-1	1.33	1.43	1.47	1.41	5.02	ppb
Beryllium	9-1	0.26	0.28	0.26	0.27	3.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.75	4.16	3.65	3.85	7.00	ppb
Boron	11-1	4.04	3.96	4.50	4.17	7.06	ppb
Cadmium	111-1	0.44	0.28	0.27	0.33	29.40	ppb
Cadmium	106-1	0.55	-0.81	-2.57	-0.94		ppb
Cadmium	108-1	10.70	11.95	11.38	11.35	5.51	ppb
Calcium	43-1	95423.28	96732.04	99843.03	97332.78	2.33	ppb
Calcium	44-1	95001.51	96445.67	99802.39	97083.19	2.54	ppb
Chromium	52-2	19.47	19.19	18.37	19.01	2.99	ppb
Cobalt	59-2	1.09	1.15	1.11	1.11	2.78	ppb
Copper	63-2	8.33	8.11	7.73	8.06	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100814.07	98852.59	96269.98	98645.55	2.31	ppb
Iron	57-2	100172.61	98808.83	95924.21	98301.88	2.21	ppb
Lead	206-1	4.95	4.95	4.96	4.95	0.14	ppb
Lead	207-1	4.33	4.47	4.37	4.39	1.71	ppb
Lead	208-1	4.62	4.63	4.63	4.63	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	98036.99	95721.84	92237.69	95332.17	3.06	ppb
Manganese	55-2	7.69	7.26	7.47	7.47	2.92	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1293.75	1306.57	1346.58	1315.63	2.09	ppb
Molybdenum	95-1	1866.51	1890.74	1932.03	1896.43	1.75	ppb
Molybdenum	96-1	1791.42	1813.06	1865.12	1823.20	2.08	ppb
Molybdenum	97-1	1837.20	1876.56	1922.99	1878.92	2.29	ppb
Molybdenum	98-1	1856.37	1896.05	1944.81	1899.08	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.29	5.18	5.26	1.32	ppb
Phosphorus	31-2	97017.20	95026.38	91588.88	94544.16	2.90	ppb
Potassium	39-2	96714.50	95054.47	91872.40	94547.12	2.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.15	0.15	0.56	0.29	82.57	ppb
Selenium	78-2	0.52	0.15	0.09	0.25	93.01	ppb
Selenium	82-1	0.19	0.22	-0.05	0.12	126.94	ppb
Silicon	28-1	15.79	15.62	18.56	16.66	9.90	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.67	ppb
Silver	107-1	0.04	0.06	0.06	0.05	15.00	ppb
Sodium	23-2	97958.41	95482.57	92727.04	95389.34	2.74	ppb
Strontium	86-1	32.30	32.30	33.60	32.74	2.29	ppb
Strontium	88-1	31.91	32.58	33.28	32.59	2.11	ppb
Sulfur	34-1	103162.58	105326.87	108889.94	105793.13	2.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.07	0.08	0.07	11.95	ppb
Thallium	205-1	0.08	0.08	0.07	0.07	8.68	ppb
Tin	118-1	0.19	0.17	0.22	0.19	12.03	ppb
Titanium	47-1	1900.68	1921.09	1972.00	1931.26	1.90	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	11.09	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	1.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.95	11.45	10.40	10.93	4.84	ppb
Zirconium	90-1	0.33	0.32	0.30	0.32	5.01	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.28	0.29	0.30	11.82	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91419.70	91262.41	89371.63	90684.58	1.26	ppb
Antimony	121-1	20.85	20.48	19.89	20.41	2.36	ppb
Arsenic	75-2	20.05	20.20	19.83	20.03	0.91	ppb
Barium	135-1	21.59	20.86	20.59	21.02	2.47	ppb
Barium	137-1	21.38	21.22	20.58	21.06	2.01	ppb
Beryllium	9-1	19.95	19.56	18.79	19.43	3.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	56.76	58.44	58.55	57.92	1.74	ppb
Boron	11-1	60.95	59.68	59.89	60.17	1.13	ppb
Cadmium	111-1	20.41	20.01	19.50	19.97	2.30	ppb
Cadmium	106-1	24.39	24.97	23.63	24.33	2.77	ppb
Cadmium	108-1	35.01	32.66	33.15	33.60	3.69	ppb
Calcium	43-1	100466.37	97418.28	95668.70	97851.12	2.48	ppb
Calcium	44-1	100543.17	97761.94	95730.79	98011.97	2.46	ppb
Chromium	52-2	39.38	39.33	38.28	39.00	1.60	ppb
Cobalt	59-2	20.93	20.93	20.60	20.82	0.93	ppb
Copper	63-2	28.50	28.15	27.44	28.03	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	103307.64	102436.23	99684.45	101809.44	1.86	ppb
Iron	57-2	102600.85	102043.08	99750.99	101464.97	1.49	ppb
Lead	206-1	25.28	24.55	23.74	24.52	3.14	ppb
Lead	207-1	23.12	22.84	21.88	22.61	2.88	ppb
Lead	208-1	24.01	23.26	22.73	23.33	2.75	ppb
Lithium	6-1						%
Magnesium	24-2	100102.86	99222.12	97291.69	98872.22	1.45	ppb
Manganese	55-2	27.52	27.21	26.64	27.13	1.64	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1480.24	1437.29	1404.14	1440.55	2.65	ppb
Molybdenum	95-1	2016.72	1951.50	1914.49	1960.90	2.64	ppb
Molybdenum	96-1	1958.80	1886.85	1847.31	1897.65	2.98	ppb
Molybdenum	97-1	2021.53	1952.52	1920.62	1964.89	2.63	ppb
Molybdenum	98-1	2003.82	1960.47	1926.89	1963.72	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.36	24.87	24.50	24.91	1.72	ppb
Phosphorus	31-2	98031.67	98297.39	95760.16	97363.07	1.43	ppb
Potassium	39-2	99206.14	98888.42	96519.57	98204.71	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	19.50	21.03	12.49	17.67	25.78	ppb
Selenium	78-2	18.28	18.75	18.73	18.59	1.43	ppb
Selenium	82-1	20.01	18.48	19.25	19.25	3.97	ppb
Silicon	28-1	77.76	73.38	70.40	73.85	5.01	ppb
Silver	109-1	18.95	18.55	18.10	18.54	2.28	ppb
Silver	107-1	18.95	18.47	18.20	18.54	2.06	ppb
Sodium	23-2	100659.87	99141.24	97210.98	99004.03	1.75	ppb
Strontium	86-1	87.94	86.24	84.33	86.17	2.10	ppb
Strontium	88-1	88.57	85.49	83.97	86.01	2.73	ppb
Sulfur	34-1	107238.20	104633.87	103175.77	105015.95	1.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.95	19.79	18.94	19.56	2.77	ppb
Thallium	205-1	20.14	19.58	19.23	19.65	2.35	ppb
Tin	118-1	55.39	53.30	52.67	53.79	2.64	ppb
Titanium	47-1	2053.71	1985.04	1947.57	1995.44	2.70	ppb
Uranium	238-1	52.65	50.31	49.69	50.88	3.07	ppb
Vanadium	51-2	19.57	19.96	19.32	19.62	1.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.78	31.02	29.76	30.52	2.19	ppb
Zirconium	90-1	56.08	54.46	53.44	54.66	2.43	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.07	55.58	53.97	55.54	2.79	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48843.43	48853.94	49256.78	48984.72	0.48	ppb
Antimony	121-1	490.47	496.04	496.86	494.46	0.70	ppb
Arsenic	75-2	500.95	498.24	499.22	499.47	0.27	ppb
Barium	135-1	2536.47	2535.35	2543.36	2538.39	0.17	ppb
Barium	137-1	2528.00	2532.66	2554.89	2538.52	0.57	ppb
Beryllium	9-1	487.31	487.83	489.82	488.32	0.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.25	497.68	500.93	494.62	1.67	ppb
Boron	11-1	495.80	509.68	512.44	505.97	1.76	ppb
Cadmium	111-1	487.51	484.89	488.69	487.03	0.40	ppb
Cadmium	106-1	492.02	487.54	489.05	489.54	0.47	ppb
Cadmium	108-1	495.38	491.86	492.47	493.24	0.38	ppb
Calcium	43-1	245636.42	244647.74	246092.45	245458.87	0.30	ppb
Calcium	44-1	246368.22	243538.10	245805.45	245237.26	0.61	ppb
Chromium	52-2	494.51	494.99	496.03	495.18	0.16	ppb
Cobalt	59-2	482.24	477.37	480.22	479.95	0.51	ppb
Copper	63-2	953.20	953.42	951.64	952.75	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123652.70	123491.76	123967.86	123704.11	0.20	ppb
Iron	57-2	123979.02	123209.84	123594.42	123594.43	0.31	ppb
Lead	206-1	503.63	493.62	496.05	497.77	1.05	ppb
Lead	207-1	494.52	492.09	496.16	494.26	0.41	ppb
Lead	208-1	500.18	498.21	501.10	499.83	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	246918.92	246754.33	248609.77	247427.67	0.42	ppb
Manganese	55-2	985.08	982.28	985.83	984.40	0.19	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.87	2489.03	2493.60	2496.83	0.39	ppb
Molybdenum	95-1	2506.60	2491.25	2504.88	2500.91	0.34	ppb
Molybdenum	96-1	2506.19	2485.70	2509.97	2500.62	0.52	ppb
Molybdenum	97-1	2510.01	2497.89	2508.96	2505.62	0.27	ppb
Molybdenum	98-1	2509.39	2501.50	2510.38	2507.09	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.09	475.21	478.13	477.14	0.35	ppb
Phosphorus	31-2	10048.20	10130.51	9989.10	10055.94	0.71	ppb
Potassium	39-2	124417.69	124727.90	124086.55	124410.71	0.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	471.22	497.85	479.98	483.02	2.81	ppb
Selenium	78-2	488.34	493.10	497.51	492.98	0.93	ppb
Selenium	82-1	480.22	479.39	482.30	480.64	0.31	ppb
Silicon	28-1	686.58	734.36	761.89	727.61	5.24	ppb
Silver	109-1	480.88	490.69	493.32	488.30	1.34	ppb
Silver	107-1	473.99	516.32	488.81	493.04	4.36	ppb
Sodium	23-2	247369.47	246506.26	246356.31	246744.01	0.22	ppb
Strontium	86-1	511.52	508.55	508.40	509.49	0.35	ppb
Strontium	88-1	513.76	510.77	513.97	512.83	0.35	ppb
Sulfur	34-1	9478.72	9361.94	9282.96	9374.54	1.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.86	500.27	501.13	501.08	0.16	ppb
Thallium	205-1	510.67	505.35	506.54	507.52	0.55	ppb
Tin	118-1	501.67	505.37	504.79	503.94	0.40	ppb
Titanium	47-1	2485.76	2468.26	2477.84	2477.29	0.35	ppb
Uranium	238-1	504.85	498.12	506.11	503.03	0.85	ppb
Vanadium	51-2	494.96	494.37	497.39	495.57	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	946.50	939.77	946.26	944.18	0.40	ppb
Zirconium	90-1	496.07	491.98	496.92	494.99	0.53	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.11	490.48	491.68	492.09	0.38	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.30	16.94	16.31	17.85	11.99	ppb
Antimony	121-1	1.96	2.05	2.07	2.03	2.81	ppb
Arsenic	75-2	0.98	0.97	0.97	0.97	0.48	ppb
Barium	135-1	9.24	9.36	9.05	9.22	1.75	ppb
Barium	137-1	9.48	9.27	9.40	9.38	1.13	ppb
Beryllium	9-1	0.94	0.91	0.99	0.95	3.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.40	24.03	24.38	23.94	2.08	ppb
Boron	11-1	24.71	24.96	25.51	25.06	1.62	ppb
Cadmium	111-1	0.79	0.98	0.80	0.86	12.59	ppb
Cadmium	106-1	-1.07	1.05	-0.27	-0.10		ppb
Cadmium	108-1	0.80	0.89	1.37	1.02	29.91	ppb
Calcium	43-1	443.52	464.44	456.11	454.69	2.32	ppb
Calcium	44-1	443.99	443.67	444.19	443.95	0.06	ppb
Chromium	52-2	2.06	2.00	1.96	2.00	2.54	ppb
Cobalt	59-2	0.92	0.98	0.94	0.95	3.30	ppb
Copper	63-2	1.60	1.59	1.56	1.58	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.18	48.37	48.25	48.27	0.20	ppb
Iron	57-2	48.53	49.24	48.41	48.72	0.93	ppb
Lead	206-1	0.96	0.95	0.95	0.95	0.80	ppb
Lead	207-1	0.95	0.92	0.95	0.94	2.22	ppb
Lead	208-1	0.95	0.93	0.95	0.95	1.47	ppb
Lithium	6-1						%
Magnesium	24-2	454.49	442.69	445.31	447.50	1.39	ppb
Manganese	55-2	0.90	0.86	0.92	0.89	3.65	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.57	4.70	4.63	4.63	1.35	ppb
Molybdenum	95-1	4.76	4.47	4.39	4.54	4.36	ppb
Molybdenum	96-1	4.45	4.43	4.53	4.47	1.22	ppb
Molybdenum	97-1	4.44	4.56	4.61	4.54	1.93	ppb
Molybdenum	98-1	4.56	4.44	4.51	4.51	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.02	1.05	1.02	2.50	ppb
Phosphorus	31-2	2.35	-5.52	7.37	1.40	463.73	ppb
Potassium	39-2	457.01	450.07	441.30	449.46	1.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.11	3.81	4.26	4.39	15.02	ppb
Selenium	78-2	5.73	5.22	6.32	5.76	9.54	ppb
Selenium	82-1	5.44	4.52	4.71	4.89	9.87	ppb
Silicon	28-1	1.50	1.45	2.09	1.68	21.20	ppb
Silver	109-1	1.00	1.00	1.01	1.00	0.67	ppb
Silver	107-1	1.08	1.00	1.01	1.03	4.05	ppb
Sodium	23-2	480.97	473.36	477.82	477.38	0.80	ppb
Strontium	86-1	0.89	0.97	0.91	0.93	4.31	ppb
Strontium	88-1	0.88	0.88	0.92	0.89	2.24	ppb
Sulfur	34-1	-1500.29	-1514.09	-1565.24	-1526.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.95	0.94	0.88	0.92	3.95	ppb
Thallium	205-1	0.92	0.97	0.89	0.93	4.17	ppb
Tin	118-1	4.66	4.83	4.78	4.75	1.80	ppb
Titanium	47-1	4.48	4.19	4.56	4.41	4.46	ppb
Uranium	238-1	0.79	0.82	0.80	0.80	1.41	ppb
Vanadium	51-2	4.48	4.45	4.35	4.42	1.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.86	1.75	1.90	1.84	4.23	ppb
Zirconium	90-1	1.03	1.03	1.02	1.03	0.75	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.11	1.06	1.03	1.07	4.00	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.35	0.52	0.43	19.61	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	6.57	ppb
Arsenic	75-2	0.05	0.02	0.03	0.03	42.69	ppb
Barium	135-1	0.00	0.00	0.01	0.00	380.41	ppb
Barium	137-1	0.01	0.01	0.00	0.01	70.43	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	33.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.87	3.96	2.53	3.46	23.15	ppb
Boron	11-1	3.60	3.65	3.62	3.62	0.67	ppb
Cadmium	111-1	0.03	0.06	-0.02	0.02	192.28	ppb
Cadmium	106-1	0.42	0.85	-0.42	0.28	228.63	ppb
Cadmium	108-1	0.02	0.05	-0.05	0.00	1280.45	ppb
Calcium	43-1	0.56	0.76	3.39	1.57	100.85	ppb
Calcium	44-1	1.32	1.34	1.46	1.37	5.39	ppb
Chromium	52-2	-0.03	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	58.90	ppb
Copper	63-2	-0.28	-0.28	-0.30	-0.28		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.16	1.28	1.18	1.21	5.22	ppb
Iron	57-2	1.87	1.72	1.04	1.55	28.78	ppb
Lead	206-1	0.06	0.04	0.05	0.05	20.88	ppb
Lead	207-1	0.04	0.02	0.06	0.04	50.18	ppb
Lead	208-1	0.05	0.04	0.05	0.05	10.87	ppb
Lithium	6-1						%
Magnesium	24-2	1.12	1.46	1.11	1.23	16.05	ppb
Manganese	55-2	0.01	0.00	0.01	0.01	99.35	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.10	0.14	0.12	19.93	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.10	9.27	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.10	7.15	ppb
Molybdenum	97-1	0.07	0.08	0.11	0.09	25.74	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	14.03	3.20	21.47	12.90	71.23	ppb
Potassium	39-2	7.29	19.08	9.74	12.03	51.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.31	0.11	-0.03		ppb
Selenium	78-2	0.58	1.10	1.46	1.05	42.19	ppb
Selenium	82-1	0.30	0.40	-0.12	0.19	144.89	ppb
Silicon	28-1	-12.98	-13.35	-11.31	-12.54		ppb
Silver	109-1	0.01	0.02	0.03	0.02	37.25	ppb
Silver	107-1	0.02	0.01	0.03	0.02	43.51	ppb
Sodium	23-2	27.63	32.41	28.52	29.52	8.61	ppb
Strontium	86-1	-0.02	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.56	ppb
Sulfur	34-1	-1434.91	-1482.98	-1281.49	-1399.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.05	0.05	4.46	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	8.22	ppb
Tin	118-1	0.57	0.05	0.07	0.23	129.03	ppb
Titanium	47-1	0.08	0.06	0.04	0.06	29.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	240.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.12	-0.10	-0.12		ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	14.86	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.04	13.74	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.67	19.88	17.56	18.03	9.19	ppb
Antimony	121-1	2.00	1.90	2.00	1.96	2.86	ppb
Arsenic	75-2	0.91	0.90	0.94	0.92	2.29	ppb
Barium	135-1	9.20	9.11	9.10	9.14	0.65	ppb
Barium	137-1	9.52	9.01	9.34	9.29	2.80	ppb
Beryllium	9-1	1.00	0.98	0.94	0.98	3.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.82	24.44	22.98	23.08	5.69	ppb
Boron	11-1	23.91	23.72	25.00	24.21	2.83	ppb
Cadmium	111-1	1.11	0.91	0.95	0.99	10.58	ppb
Cadmium	106-1	1.44	-0.09	0.59	0.64	118.87	ppb
Cadmium	108-1	0.95	0.88	0.89	0.91	4.06	ppb
Calcium	43-1	459.49	442.64	451.85	451.33	1.87	ppb
Calcium	44-1	458.02	432.46	445.27	445.25	2.87	ppb
Chromium	52-2	1.93	2.01	2.07	2.00	3.49	ppb
Cobalt	59-2	0.97	0.96	0.97	0.97	0.63	ppb
Copper	63-2	1.66	1.69	1.71	1.69	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.76	48.91	49.45	49.04	0.74	ppb
Iron	57-2	51.42	51.49	52.54	51.82	1.21	ppb
Lead	206-1	0.98	0.89	0.97	0.95	4.78	ppb
Lead	207-1	0.95	0.89	0.91	0.91	3.65	ppb
Lead	208-1	0.95	0.89	0.92	0.92	3.04	ppb
Lithium	6-1						%
Magnesium	24-2	463.24	453.13	468.68	461.69	1.71	ppb
Manganese	55-2	0.96	0.99	1.03	0.99	3.64	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.77	4.55	4.65	4.66	2.29	ppb
Molybdenum	95-1	4.56	4.34	4.60	4.50	3.12	ppb
Molybdenum	96-1	4.54	4.31	4.46	4.43	2.63	ppb
Molybdenum	97-1	4.39	4.35	4.41	4.38	0.65	ppb
Molybdenum	98-1	4.57	4.22	4.48	4.42	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.03	0.97	0.99	3.89	ppb
Phosphorus	31-2	3.66	10.42	8.99	7.69	46.33	ppb
Potassium	39-2	466.19	454.44	465.65	462.09	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.16	6.26	1.74	4.05	55.90	ppb
Selenium	78-2	5.17	4.51	4.34	4.67	9.39	ppb
Selenium	82-1	4.21	4.64	4.82	4.56	6.87	ppb
Silicon	28-1	2.54	-1.06	1.11	0.86	209.87	ppb
Silver	109-1	1.06	0.94	1.02	1.01	5.81	ppb
Silver	107-1	1.03	0.95	1.02	1.00	4.62	ppb
Sodium	23-2	478.50	479.37	480.50	479.46	0.21	ppb
Strontium	86-1	0.89	0.77	0.79	0.82	7.81	ppb
Strontium	88-1	0.96	0.86	0.91	0.91	5.23	ppb
Sulfur	34-1	-1302.16	-1666.13	-1274.21	-1414.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.92	0.94	0.93	1.29	ppb
Thallium	205-1	0.98	0.90	0.90	0.93	4.78	ppb
Tin	118-1	4.89	4.68	4.74	4.77	2.22	ppb
Titanium	47-1	4.52	4.23	4.68	4.48	5.16	ppb
Uranium	238-1	0.79	0.80	0.81	0.80	0.90	ppb
Vanadium	51-2	4.53	4.48	4.62	4.54	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.13	1.66	1.83	1.87	12.63	ppb
Zirconium	90-1	1.02	0.98	0.99	1.00	1.95	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.94	1.03	0.99	4.55	ppb

LB Number : LB93138 Operator : Jaswal
 Lab Sample ID : J1161-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-06 17:00:28 DataFile Name : 031SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.35	4.19	4.78	4.77	12.12	ppb
Antimony	121-1	0.24	0.26	0.25	0.25	5.06	ppb
Arsenic	75-2	0.29	0.24	0.20	0.24	20.26	ppb
Barium	135-1	1.14	1.04	1.20	1.13	7.50	ppb
Barium	137-1	1.18	1.18	1.21	1.19	1.78	ppb
Beryllium	9-1	0.24	0.25	0.28	0.26	8.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.13	3.44	2.94	3.50	17.06	ppb
Boron	11-1	3.20	3.36	3.34	3.30	2.69	ppb
Cadmium	111-1	0.25	0.18	0.24	0.22	16.89	ppb
Cadmium	106-1	0.03	-0.66	0.46	-0.05		ppb
Cadmium	108-1	0.24	0.24	0.25	0.24	0.62	ppb
Calcium	43-1	18.99	23.35	25.61	22.65	14.86	ppb
Calcium	44-1	20.20	21.72	22.44	21.45	5.34	ppb
Chromium	52-2	0.23	0.24	0.23	0.24	2.38	ppb
Cobalt	59-2	0.25	0.24	0.24	0.24	2.09	ppb
Copper	63-2	0.18	0.16	0.16	0.17	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.42	12.94	13.03	12.80	2.59	ppb
Iron	57-2	12.26	13.75	14.65	13.56	8.92	ppb
Lead	206-1	0.23	0.23	0.24	0.23	3.04	ppb
Lead	207-1	0.20	0.22	0.25	0.22	10.19	ppb
Lead	208-1	0.22	0.23	0.23	0.23	3.58	ppb
Lithium	6-1						%
Magnesium	24-2	24.61	25.68	23.11	24.47	5.27	ppb
Manganese	55-2	0.48	0.51	0.56	0.52	7.98	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:00:28	DataFile Name :	031SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.15	1.04	1.12	6.29	ppb
Molybdenum	95-1	1.13	1.15	1.11	1.13	1.37	ppb
Molybdenum	96-1	1.18	1.12	1.17	1.15	2.70	ppb
Molybdenum	97-1	1.16	1.25	1.13	1.18	5.24	ppb
Molybdenum	98-1	1.14	1.16	1.20	1.17	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.24	0.24	0.24	2.73	ppb
Phosphorus	31-2	2.29	1.74	-8.48	-1.48		ppb
Potassium	39-2	13.16	12.02	17.68	14.29	20.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.54	2.99	4.62	3.39	32.25	ppb
Selenium	78-2	3.78	4.34	4.78	4.30	11.76	ppb
Selenium	82-1	3.51	3.68	2.99	3.39	10.60	ppb
Silicon	28-1	-13.15	-12.52	-11.84	-12.50		ppb
Silver	109-1	0.25	0.24	0.27	0.26	6.00	ppb
Silver	107-1	0.26	0.24	0.25	0.25	4.32	ppb
Sodium	23-2	36.18	38.91	36.53	37.21	3.99	ppb
Strontium	86-1	0.22	0.25	0.22	0.23	7.17	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	1.22	ppb
Sulfur	34-1	-1245.42	-1165.47	-1169.58	-1193.49		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.23	0.27	0.25	8.71	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.65	ppb
Tin	118-1	0.28	0.24	0.25	0.26	9.25	ppb
Titanium	47-1	1.05	1.11	1.16	1.10	5.21	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	2.12	ppb
Vanadium	51-2	0.21	0.24	0.23	0.23	6.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.32	0.26	0.33	0.30	11.03	ppb
Zirconium	90-1	0.22	0.21	0.20	0.21	4.01	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:00:28	DataFile Name :	031SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.22	0.20	0.21	4.21	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.55	36.21	39.42	37.39	4.71	ppb
Antimony	121-1	3.78	3.95	3.76	3.83	2.67	ppb
Arsenic	75-2	2.22	1.98	2.05	2.08	5.81	ppb
Barium	135-1	18.95	18.95	18.91	18.94	0.11	ppb
Barium	137-1	18.76	19.06	18.62	18.81	1.21	ppb
Beryllium	9-1	1.95	1.99	1.93	1.96	1.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.41	46.72	46.71	45.94	2.89	ppb
Boron	11-1	45.02	46.11	49.03	46.72	4.43	ppb
Cadmium	111-1	1.86	1.92	1.96	1.91	2.67	ppb
Cadmium	106-1	0.58	0.89	1.88	1.11	61.01	ppb
Cadmium	108-1	2.09	1.97	1.52	1.86	16.02	ppb
Calcium	43-1	891.09	927.09	926.27	914.81	2.25	ppb
Calcium	44-1	886.88	907.26	925.63	906.59	2.14	ppb
Chromium	52-2	4.28	3.98	3.96	4.07	4.46	ppb
Cobalt	59-2	1.99	1.93	1.89	1.94	2.37	ppb
Copper	63-2	3.74	3.73	3.58	3.68	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102.38	97.18	95.86	98.48	3.50	ppb
Iron	57-2	106.74	99.96	101.17	102.62	3.52	ppb
Lead	206-1	1.78	1.89	1.82	1.83	3.02	ppb
Lead	207-1	1.81	1.80	1.74	1.78	2.22	ppb
Lead	208-1	1.82	1.83	1.82	1.82	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	986.57	923.48	918.70	942.92	4.02	ppb
Manganese	55-2	2.01	2.06	1.92	2.00	3.46	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.85	9.22	9.23	9.10	2.39	ppb
Molybdenum	95-1	9.07	8.71	9.11	8.96	2.46	ppb
Molybdenum	96-1	8.93	9.28	9.19	9.13	1.98	ppb
Molybdenum	97-1	8.89	9.03	9.09	9.00	1.13	ppb
Molybdenum	98-1	9.12	8.97	9.00	9.03	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	1.97	2.11	2.08	4.61	ppb
Phosphorus	31-2	2.98	7.54	8.45	6.32	46.34	ppb
Potassium	39-2	999.04	933.78	900.09	944.30	5.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.77	8.29	7.79	7.95	3.69	ppb
Selenium	78-2	11.30	12.43	8.45	10.73	19.12	ppb
Selenium	82-1	10.57	9.64	10.21	10.14	4.60	ppb
Silicon	28-1	15.85	16.04	18.99	16.96	10.39	ppb
Silver	109-1	2.12	2.07	2.04	2.08	1.81	ppb
Silver	107-1	2.03	2.03	2.04	2.03	0.20	ppb
Sodium	23-2	989.16	933.41	914.84	945.80	4.09	ppb
Strontium	86-1	1.95	1.80	2.06	1.94	6.90	ppb
Strontium	88-1	1.85	1.86	1.89	1.87	1.22	ppb
Sulfur	34-1	-1331.61	-1296.90	-1092.18	-1240.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.77	1.80	1.77	1.78	1.01	ppb
Thallium	205-1	1.83	1.81	1.87	1.84	1.69	ppb
Tin	118-1	9.63	9.56	9.71	9.63	0.79	ppb
Titanium	47-1	9.27	9.20	9.16	9.21	0.62	ppb
Uranium	238-1	1.60	1.65	1.65	1.63	1.63	ppb
Vanadium	51-2	9.39	9.19	9.09	9.22	1.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.30	3.74	3.96	4.00	7.08	ppb
Zirconium	90-1	1.91	1.82	1.92	1.88	2.84	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.77	1.94	1.90	5.77	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.97	3.90	4.61	4.49	12.06	ppb
Antimony	121-1	0.28	0.27	0.24	0.27	7.94	ppb
Arsenic	75-2	0.28	0.29	0.24	0.27	9.42	ppb
Barium	135-1	1.24	1.02	1.03	1.10	11.25	ppb
Barium	137-1	1.18	1.26	1.02	1.15	10.35	ppb
Beryllium	9-1	0.25	0.25	0.27	0.25	3.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.67	4.65	4.64	4.65	0.26	ppb
Boron	11-1	4.50	4.57	4.32	4.46	2.88	ppb
Cadmium	111-1	0.22	0.16	0.28	0.22	26.69	ppb
Cadmium	106-1	-0.84	-0.85	0.60	-0.36		ppb
Cadmium	108-1	0.22	0.30	0.33	0.28	19.11	ppb
Calcium	43-1	27.66	27.45	23.15	26.09	9.77	ppb
Calcium	44-1	22.30	21.74	19.25	21.10	7.71	ppb
Chromium	52-2	0.24	0.22	0.24	0.23	4.86	ppb
Cobalt	59-2	0.23	0.24	0.24	0.23	2.88	ppb
Copper	63-2	0.20	0.17	0.15	0.18	16.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.80	12.67	12.01	12.49	3.36	ppb
Iron	57-2	11.89	13.30	12.03	12.41	6.25	ppb
Lead	206-1	0.23	0.24	0.25	0.24	3.21	ppb
Lead	207-1	0.24	0.20	0.20	0.22	9.93	ppb
Lead	208-1	0.23	0.23	0.22	0.23	3.75	ppb
Lithium	6-1						%
Magnesium	24-2	22.91	24.38	24.75	24.01	4.06	ppb
Manganese	55-2	0.55	0.48	0.45	0.49	10.38	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.10	1.15	1.03	1.09	5.74	ppb
Molybdenum	95-1	1.14	1.25	1.12	1.17	5.87	ppb
Molybdenum	96-1	1.21	1.17	1.09	1.16	5.35	ppb
Molybdenum	97-1	1.03	1.23	1.04	1.10	10.53	ppb
Molybdenum	98-1	1.14	1.12	1.14	1.13	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.26	0.26	0.25	5.91	ppb
Phosphorus	31-2	-5.22	0.74	5.86	0.46	1213.99	ppb
Potassium	39-2	18.25	14.36	8.53	13.72	35.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.47	2.16	3.33	2.98	24.12	ppb
Selenium	78-2	5.09	4.30	4.39	4.59	9.36	ppb
Selenium	82-1	3.80	3.69	3.37	3.62	6.13	ppb
Silicon	28-1	-11.89	-10.62	-14.03	-12.18		ppb
Silver	109-1	0.26	0.25	0.25	0.25	2.27	ppb
Silver	107-1	0.24	0.25	0.26	0.25	4.81	ppb
Sodium	23-2	38.45	38.24	35.30	37.33	4.72	ppb
Strontium	86-1	0.19	0.20	0.18	0.19	6.35	ppb
Strontium	88-1	0.24	0.23	0.21	0.23	5.56	ppb
Sulfur	34-1	-1095.47	-1008.06	-1302.36	-1135.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.25	0.19	0.22	13.31	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.00	ppb
Tin	118-1	0.29	0.25	0.26	0.27	7.61	ppb
Titanium	47-1	1.35	1.33	1.09	1.26	11.52	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	4.12	ppb
Vanadium	51-2	0.21	0.23	0.23	0.23	5.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.33	0.41	0.41	0.39	11.62	ppb
Zirconium	90-1	0.22	0.21	0.19	0.21	6.63	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.22	0.18	0.21	12.19	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49192.38	49748.32	50124.89	49688.53	0.94	ppb
Antimony	121-1	493.56	490.39	496.73	493.56	0.64	ppb
Arsenic	75-2	494.88	499.96	498.27	497.70	0.52	ppb
Barium	135-1	2521.97	2520.17	2536.44	2526.19	0.35	ppb
Barium	137-1	2539.84	2530.48	2553.86	2541.39	0.46	ppb
Beryllium	9-1	487.58	491.45	487.45	488.83	0.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.44	511.81	518.87	510.04	1.93	ppb
Boron	11-1	507.72	519.01	519.72	515.48	1.31	ppb
Cadmium	111-1	485.61	485.59	489.49	486.89	0.46	ppb
Cadmium	106-1	497.44	489.26	497.12	494.61	0.94	ppb
Cadmium	108-1	495.81	491.32	488.45	491.86	0.75	ppb
Calcium	43-1	243863.65	242702.52	246851.90	244472.69	0.88	ppb
Calcium	44-1	243519.02	241169.71	245773.35	243487.36	0.95	ppb
Chromium	52-2	485.07	490.69	498.45	491.40	1.37	ppb
Cobalt	59-2	469.22	475.33	480.84	475.13	1.22	ppb
Copper	63-2	925.78	936.41	949.52	937.24	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123313.70	124171.83	125179.67	124221.73	0.75	ppb
Iron	57-2	123241.58	123723.18	125484.50	124149.75	0.95	ppb
Lead	206-1	491.26	486.93	486.03	488.07	0.57	ppb
Lead	207-1	485.88	481.23	485.55	484.22	0.54	ppb
Lead	208-1	490.59	487.36	490.28	489.41	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	246214.16	248945.78	250991.24	248717.06	0.96	ppb
Manganese	55-2	968.68	982.80	989.00	980.16	1.06	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2477.69	2477.09	2484.90	2479.90	0.18	ppb
Molybdenum	95-1	2485.77	2484.74	2493.69	2488.06	0.20	ppb
Molybdenum	96-1	2485.20	2486.07	2491.26	2487.51	0.13	ppb
Molybdenum	97-1	2489.50	2484.87	2486.19	2486.85	0.10	ppb
Molybdenum	98-1	2502.83	2485.67	2498.29	2495.60	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.53	473.57	475.46	471.19	1.24	ppb
Phosphorus	31-2	9795.84	9922.19	9859.77	9859.27	0.64	ppb
Potassium	39-2	124107.06	125854.64	127154.15	125705.28	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	483.31	485.36	474.67	481.11	1.18	ppb
Selenium	78-2	499.39	495.66	495.23	496.76	0.46	ppb
Selenium	82-1	477.32	474.33	476.13	475.93	0.32	ppb
Silicon	28-1	688.43	716.08	740.13	714.88	3.62	ppb
Silver	109-1	534.35	518.51	440.14	497.67	10.14	ppb
Silver	107-1	415.14	514.07	628.86	519.36	20.59	ppb
Sodium	23-2	244529.02	246432.48	250513.86	247158.45	1.24	ppb
Strontium	86-1	502.64	506.74	505.41	504.93	0.42	ppb
Strontium	88-1	509.48	509.98	512.50	510.65	0.32	ppb
Sulfur	34-1	9252.39	9136.47	9355.74	9248.20	1.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	492.25	494.57	485.67	490.83	0.94	ppb
Thallium	205-1	503.21	499.15	496.85	499.74	0.64	ppb
Tin	118-1	501.97	497.67	501.52	500.39	0.47	ppb
Titanium	47-1	2471.80	2433.85	2462.95	2456.20	0.81	ppb
Uranium	238-1	494.56	499.01	497.07	496.88	0.45	ppb
Vanadium	51-2	487.97	492.46	498.44	492.96	1.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	924.62	937.76	950.81	937.73	1.40	ppb
Zirconium	90-1	489.94	488.17	494.81	490.97	0.70	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.13	482.59	486.24	484.32	0.38	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.04	17.42	18.63	18.36	4.57	ppb
Antimony	121-1	2.25	2.24	2.27	2.25	0.76	ppb
Arsenic	75-2	1.00	1.08	1.13	1.07	5.81	ppb
Barium	135-1	9.28	9.17	9.07	9.17	1.16	ppb
Barium	137-1	9.41	9.09	8.89	9.13	2.86	ppb
Beryllium	9-1	1.05	0.96	0.97	0.99	4.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.83	28.55	27.81	27.73	3.10	ppb
Boron	11-1	29.12	28.70	28.89	28.90	0.73	ppb
Cadmium	111-1	0.90	0.92	0.97	0.93	3.74	ppb
Cadmium	106-1	0.13	-0.17	1.27	0.41	186.36	ppb
Cadmium	108-1	1.08	1.07	1.15	1.10	4.11	ppb
Calcium	43-1	449.44	445.35	439.75	444.85	1.09	ppb
Calcium	44-1	453.91	442.63	433.53	443.36	2.30	ppb
Chromium	52-2	2.03	1.99	2.07	2.03	2.04	ppb
Cobalt	59-2	0.95	0.95	0.93	0.95	1.20	ppb
Copper	63-2	1.58	1.33	1.47	1.46	8.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.18	50.01	51.10	50.43	1.16	ppb
Iron	57-2	54.42	52.49	54.39	53.77	2.05	ppb
Lead	206-1	0.98	0.98	0.89	0.95	5.25	ppb
Lead	207-1	0.93	0.99	0.96	0.96	3.11	ppb
Lead	208-1	0.98	0.97	0.92	0.96	3.06	ppb
Lithium	6-1						%
Magnesium	24-2	460.64	451.24	477.39	463.09	2.86	ppb
Manganese	55-2	0.97	0.99	0.99	0.98	1.09	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.98	4.82	4.94	4.91	1.75	ppb
Molybdenum	95-1	4.76	4.76	4.74	4.75	0.26	ppb
Molybdenum	96-1	4.73	4.69	4.65	4.69	0.87	ppb
Molybdenum	97-1	4.78	4.81	4.64	4.74	1.84	ppb
Molybdenum	98-1	4.69	4.63	4.66	4.66	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.16	1.05	1.06	8.83	ppb
Phosphorus	31-2	1.58	6.01	-6.52	0.36	1785.50	ppb
Potassium	39-2	479.24	475.41	495.34	483.33	2.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.90	5.84	6.77	6.17	8.45	ppb
Selenium	78-2	5.40	4.84	6.63	5.62	16.29	ppb
Selenium	82-1	4.76	4.92	5.25	4.98	5.07	ppb
Silicon	28-1	1.57	0.60	0.84	1.00	50.41	ppb
Silver	109-1	1.26	1.32	1.32	1.30	2.53	ppb
Silver	107-1	1.22	1.27	1.27	1.25	2.67	ppb
Sodium	23-2	526.27	510.34	530.26	522.29	2.02	ppb
Strontium	86-1	0.90	1.00	0.82	0.90	9.89	ppb
Strontium	88-1	0.92	0.89	0.92	0.91	1.85	ppb
Sulfur	34-1	-1415.05	-1522.19	-1640.73	-1525.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.98	0.91	0.89	0.93	5.52	ppb
Thallium	205-1	0.95	0.93	0.87	0.92	4.76	ppb
Tin	118-1	4.89	4.85	4.78	4.84	1.21	ppb
Titanium	47-1	4.53	4.61	4.48	4.54	1.42	ppb
Uranium	238-1	0.84	0.78	0.81	0.81	3.40	ppb
Vanadium	51-2	4.46	4.50	4.62	4.53	1.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.89	2.25	1.97	2.04	9.22	ppb
Zirconium	90-1	1.09	1.06	1.00	1.05	4.34	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.18	0.99	1.14	1.10	8.96	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	0.30	0.65	0.52	36.83	ppb
Antimony	121-1	0.19	0.21	0.22	0.21	7.14	ppb
Arsenic	75-2	0.03	0.03	0.01	0.02	55.63	ppb
Barium	135-1	0.02	0.00	0.03	0.02	98.85	ppb
Barium	137-1	0.01	0.01	0.01	0.01	24.36	ppb
Beryllium	9-1	0.11	0.08	0.08	0.09	19.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.35	6.54	5.15	6.02	12.54	ppb
Boron	11-1	6.04	5.95	5.45	5.81	5.47	ppb
Cadmium	111-1	0.02	-0.04	0.01	0.00		ppb
Cadmium	106-1	0.11	-0.64	0.02	-0.17		ppb
Cadmium	108-1	-0.03	0.00	-0.03	-0.02		ppb
Calcium	43-1	0.12	-0.48	-0.71	-0.36		ppb
Calcium	44-1	-0.87	-0.26	0.02	-0.37		ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	2169.69	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.54	-0.50	-0.50	-0.51		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.53	1.51	1.62	1.55	3.81	ppb
Iron	57-2	1.69	2.54	2.45	2.22	21.09	ppb
Lead	206-1	0.07	0.07	0.05	0.07	16.67	ppb
Lead	207-1	0.07	0.05	0.06	0.06	13.29	ppb
Lead	208-1	0.07	0.06	0.06	0.06	1.60	ppb
Lithium	6-1						%
Magnesium	24-2	1.30	1.61	1.45	1.45	10.48	ppb
Manganese	55-2	0.02	0.03	0.01	0.02	55.15	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.20	0.19	0.19	2.97	ppb
Molybdenum	95-1	0.18	0.18	0.19	0.18	4.13	ppb
Molybdenum	96-1	0.19	0.17	0.15	0.17	10.64	ppb
Molybdenum	97-1	0.17	0.21	0.14	0.17	21.62	ppb
Molybdenum	98-1	0.17	0.18	0.16	0.17	5.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	12.24	-11.63	-11.12	-3.51		ppb
Potassium	39-2	17.73	22.93	22.22	20.96	13.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.09	-0.31	-0.31	-0.17		ppb
Selenium	78-2	0.02	1.39	1.18	0.86	85.07	ppb
Selenium	82-1	0.45	-0.24	-0.15	0.02	1594.71	ppb
Silicon	28-1	-12.12	-13.50	-13.01	-12.88		ppb
Silver	109-1	0.13	0.13	0.19	0.15	22.35	ppb
Silver	107-1	0.13	0.15	0.18	0.15	15.74	ppb
Sodium	23-2	55.08	55.55	56.67	55.77	1.47	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	78.98	ppb
Sulfur	34-1	-1473.22	-1523.75	-1479.63	-1492.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.04	0.03	0.03	61.68	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	11.73	ppb
Tin	118-1	0.07	0.08	0.07	0.07	7.51	ppb
Titanium	47-1	0.06	0.05	0.01	0.04	70.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.59	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	126.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.14	-0.12	-0.11		ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	8.38	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.00	0.03	75.24	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.83	0.31	0.67	47.03	ppb
Antimony	121-1	1.73	1.67	1.62	1.67	3.11	ppb
Arsenic	75-2	0.11	0.12	0.09	0.11	12.90	ppb
Barium	135-1	0.25	0.21	0.12	0.19	33.69	ppb
Barium	137-1	0.20	0.18	0.10	0.16	33.00	ppb
Beryllium	9-1	0.15	0.17	0.16	0.16	7.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.46	21.20	17.34	20.33	13.12	ppb
Boron	11-1	20.86	19.72	19.29	19.96	4.07	ppb
Cadmium	111-1	-0.07	0.00	-0.06	-0.04		ppb
Cadmium	106-1	-1.07	-0.24	-0.87	-0.73		ppb
Cadmium	108-1	0.00	0.05	0.10	0.05	108.79	ppb
Calcium	43-1	-0.24	1.26	-1.92	-0.30		ppb
Calcium	44-1	-0.61	-0.58	-0.10	-0.43		ppb
Chromium	52-2	0.08	0.06	0.06	0.07	19.30	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	67.63	ppb
Copper	63-2	-0.12	-0.19	-0.27	-0.20		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.62	5.10	4.51	5.08	10.94	ppb
Iron	57-2	5.28	6.42	4.69	5.47	16.08	ppb
Lead	206-1	0.10	0.12	0.07	0.10	25.21	ppb
Lead	207-1	0.11	0.09	0.09	0.10	10.47	ppb
Lead	208-1	0.11	0.10	0.08	0.10	11.41	ppb
Lithium	6-1						%
Magnesium	24-2	0.84	0.99	0.66	0.83	19.88	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	101.37	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.01	0.91	0.78	0.90	12.80	ppb
Molybdenum	95-1	1.22	1.10	1.10	1.14	6.23	ppb
Molybdenum	96-1	1.19	1.06	1.05	1.10	7.14	ppb
Molybdenum	97-1	1.20	1.25	0.99	1.15	12.21	ppb
Molybdenum	98-1	1.27	1.09	1.07	1.15	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-5.80	-2.65	-0.13	-2.86		ppb
Potassium	39-2	44.52	39.85	19.22	34.53	38.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.31	-0.31	-0.31	-0.31		ppb
Selenium	78-2	2.69	0.69	1.03	1.47	73.03	ppb
Selenium	82-1	0.11	0.26	0.29	0.22	43.06	ppb
Silicon	28-1	-12.88	-11.14	-11.81	-11.94		ppb
Silver	109-1	0.05	0.05	0.05	0.05	2.45	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.38	ppb
Sodium	23-2	67.37	60.72	53.81	60.63	11.18	ppb
Strontium	86-1	0.03	0.02	-0.01	0.01	156.84	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	30.98	ppb
Sulfur	34-1	-2110.08	-1968.82	-1879.57	-1986.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.09	0.08	0.09	7.40	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	12.71	ppb
Tin	118-1	0.36	0.33	0.29	0.32	11.36	ppb
Titanium	47-1	0.26	0.16	0.14	0.19	34.01	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	23.64	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	158.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	-0.11	-0.19	-0.11		ppb
Zirconium	90-1	0.06	0.06	0.05	0.05	10.02	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.04	0.06	22.49	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9177.01	9233.97	9469.19	9293.39	1.67	ppb
Antimony	121-1	514.16	507.39	509.73	510.43	0.67	ppb
Arsenic	75-2	490.12	491.30	507.09	496.17	1.91	ppb
Barium	135-1	2548.04	2526.66	2544.83	2539.85	0.45	ppb
Barium	137-1	2571.81	2544.21	2559.22	2558.41	0.54	ppb
Beryllium	9-1	496.34	498.15	496.84	497.11	0.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	474.99	489.94	513.81	492.92	3.97	ppb
Boron	11-1	489.02	501.31	519.90	503.41	3.09	ppb
Cadmium	111-1	526.51	513.46	516.92	518.96	1.30	ppb
Cadmium	106-1	522.87	511.50	507.43	513.93	1.56	ppb
Cadmium	108-1	515.98	514.44	518.58	516.33	0.40	ppb
Calcium	43-1	50111.92	48481.73	48587.68	49060.44	1.86	ppb
Calcium	44-1	50315.48	49066.64	49319.74	49567.29	1.33	ppb
Chromium	52-2	483.60	483.51	495.69	487.60	1.44	ppb
Cobalt	59-2	482.45	482.53	494.35	486.44	1.41	ppb
Copper	63-2	970.82	973.46	1007.38	983.89	2.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25216.89	25272.23	25917.08	25468.73	1.53	ppb
Iron	57-2	24891.24	24898.09	25611.60	25133.65	1.65	ppb
Lead	206-1	495.38	484.40	484.37	488.05	1.30	ppb
Lead	207-1	495.70	480.95	478.03	484.89	1.95	ppb
Lead	208-1	499.63	488.67	487.76	492.02	1.34	ppb
Lithium	6-1						%
Magnesium	24-2	48086.70	47813.80	49096.04	48332.18	1.40	ppb
Manganese	55-2	968.44	969.03	998.57	978.68	1.76	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2509.62	2479.04	2467.75	2485.47	0.87	ppb
Molybdenum	95-1	2499.46	2475.75	2468.33	2481.18	0.66	ppb
Molybdenum	96-1	2481.66	2477.65	2476.94	2478.75	0.10	ppb
Molybdenum	97-1	2484.51	2480.50	2473.66	2479.56	0.22	ppb
Molybdenum	98-1	2488.87	2496.39	2469.79	2485.02	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.96	486.14	497.61	488.90	1.58	ppb
Phosphorus	31-2	9712.11	9751.67	9830.41	9764.73	0.62	ppb
Potassium	39-2	24648.86	24505.46	25120.22	24758.18	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	497.86	497.49	500.30	498.55	0.31	ppb
Selenium	78-2	486.88	502.41	509.29	499.52	2.30	ppb
Selenium	82-1	496.53	500.70	497.57	498.27	0.44	ppb
Silicon	28-1	557.00	541.20	548.49	548.90	1.44	ppb
Silver	109-1	528.05	520.47	518.42	522.31	0.97	ppb
Silver	107-1	521.60	511.51	518.07	517.06	0.99	ppb
Sodium	23-2	48287.04	47825.90	49106.41	48406.45	1.34	ppb
Strontium	86-1	492.39	491.05	489.21	490.88	0.33	ppb
Strontium	88-1	499.34	498.89	497.58	498.61	0.18	ppb
Sulfur	34-1	8894.25	8278.24	8469.99	8547.49	3.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	492.79	490.43	488.79	490.67	0.41	ppb
Thallium	205-1	502.77	498.98	497.25	499.67	0.57	ppb
Tin	118-1	513.90	508.68	511.73	511.44	0.51	ppb
Titanium	47-1	2506.07	2425.20	2435.55	2455.61	1.79	ppb
Uranium	238-1	480.53	470.88	475.26	475.55	1.02	ppb
Vanadium	51-2	482.11	483.57	495.19	486.96	1.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.27	981.94	1008.70	987.97	1.87	ppb
Zirconium	90-1	501.13	497.31	496.61	498.35	0.49	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.28	492.22	489.02	491.51	0.45	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48671.45	48960.35	48968.42	48866.74	0.35	ppb
Antimony	121-1	504.49	485.50	504.78	498.26	2.22	ppb
Arsenic	75-2	497.76	498.45	503.08	499.76	0.58	ppb
Barium	135-1	2593.16	2500.36	2575.91	2556.47	1.93	ppb
Barium	137-1	2610.10	2524.02	2594.82	2576.31	1.78	ppb
Beryllium	9-1	495.24	484.83	493.59	491.22	1.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	502.03	497.95	518.75	506.24	2.18	ppb
Boron	11-1	507.75	513.17	526.43	515.78	1.86	ppb
Cadmium	111-1	498.19	476.51	497.29	490.66	2.50	ppb
Cadmium	106-1	505.50	476.36	503.15	495.01	3.27	ppb
Cadmium	108-1	495.91	488.06	496.63	493.53	0.96	ppb
Calcium	43-1	249358.11	237156.32	244801.43	243771.95	2.53	ppb
Calcium	44-1	246560.27	236282.89	244877.63	242573.59	2.27	ppb
Chromium	52-2	486.72	489.92	490.64	489.09	0.43	ppb
Cobalt	59-2	473.00	474.12	477.48	474.86	0.49	ppb
Copper	63-2	927.72	928.91	930.57	929.07	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122656.20	122519.68	123052.40	122742.76	0.23	ppb
Iron	57-2	122299.92	122599.18	123244.24	122714.44	0.39	ppb
Lead	206-1	498.67	474.19	488.04	486.97	2.52	ppb
Lead	207-1	501.69	471.06	485.81	486.19	3.15	ppb
Lead	208-1	503.59	475.28	489.45	489.44	2.89	ppb
Lithium	6-1						%
Magnesium	24-2	242264.64	242559.91	243552.20	242792.25	0.28	ppb
Manganese	55-2	971.95	977.07	979.31	976.11	0.39	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2525.67	2423.08	2499.62	2482.79	2.15	ppb
Molybdenum	95-1	2542.20	2426.78	2502.83	2490.60	2.36	ppb
Molybdenum	96-1	2535.04	2418.27	2494.76	2482.69	2.39	ppb
Molybdenum	97-1	2550.25	2421.44	2510.88	2494.19	2.65	ppb
Molybdenum	98-1	2552.07	2420.96	2505.81	2492.95	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.32	472.11	471.58	471.00	0.31	ppb
Phosphorus	31-2	9847.41	9857.98	10004.63	9903.34	0.89	ppb
Potassium	39-2	124053.37	124457.18	125098.34	124536.30	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	490.77	478.88	455.75	475.13	3.75	ppb
Selenium	78-2	477.49	487.81	491.88	485.73	1.53	ppb
Selenium	82-1	482.38	460.57	474.94	472.63	2.35	ppb
Silicon	28-1	562.90	539.03	556.65	552.86	2.24	ppb
Silver	109-1	500.22	479.99	498.76	492.99	2.29	ppb
Silver	107-1	464.09	462.99	477.28	468.12	1.70	ppb
Sodium	23-2	243030.41	242854.37	243769.69	243218.16	0.20	ppb
Strontium	86-1	514.90	490.60	505.09	503.53	2.43	ppb
Strontium	88-1	519.29	499.17	514.60	511.02	2.06	ppb
Sulfur	34-1	9380.31	8529.62	9177.59	9029.17	4.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.49	479.30	492.23	491.34	2.37	ppb
Thallium	205-1	515.54	491.54	502.38	503.15	2.39	ppb
Tin	118-1	511.88	494.51	508.53	504.97	1.82	ppb
Titanium	47-1	2490.94	2378.18	2459.10	2442.74	2.38	ppb
Uranium	238-1	502.41	481.75	495.59	493.25	2.13	ppb
Vanadium	51-2	490.48	487.78	491.38	489.88	0.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	929.25	934.27	937.81	933.78	0.46	ppb
Zirconium	90-1	503.81	478.26	493.95	492.01	2.62	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.21	471.81	483.78	483.60	2.42	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.39	17.02	18.20	17.54	3.45	ppb
Antimony	121-1	2.14	2.21	2.16	2.17	1.58	ppb
Arsenic	75-2	0.91	1.08	0.97	0.99	8.28	ppb
Barium	135-1	9.71	9.15	9.19	9.35	3.29	ppb
Barium	137-1	9.18	9.18	9.45	9.27	1.69	ppb
Beryllium	9-1	1.02	1.01	0.91	0.98	6.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.76	28.47	31.92	29.38	7.57	ppb
Boron	11-1	29.04	29.45	29.53	29.34	0.90	ppb
Cadmium	111-1	1.00	0.84	1.13	0.99	14.39	ppb
Cadmium	106-1	0.78	-0.84	2.53	0.82	204.73	ppb
Cadmium	108-1	1.21	1.08	0.82	1.04	19.34	ppb
Calcium	43-1	454.76	456.83	479.72	463.77	2.99	ppb
Calcium	44-1	445.67	437.23	443.80	442.23	1.00	ppb
Chromium	52-2	1.98	1.88	2.01	1.96	3.60	ppb
Cobalt	59-2	0.97	0.91	0.93	0.94	3.27	ppb
Copper	63-2	1.46	1.42	1.47	1.45	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.89	49.39	49.76	49.68	0.52	ppb
Iron	57-2	52.95	51.93	49.23	51.37	3.75	ppb
Lead	206-1	0.99	0.96	1.04	1.00	4.09	ppb
Lead	207-1	0.97	0.92	0.91	0.94	3.28	ppb
Lead	208-1	0.99	0.95	0.98	0.97	1.67	ppb
Lithium	6-1						%
Magnesium	24-2	455.13	446.03	455.48	452.21	1.18	ppb
Manganese	55-2	0.88	0.97	1.05	0.96	8.81	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.58	4.65	4.85	4.69	2.98	ppb
Molybdenum	95-1	4.68	4.54	4.42	4.55	2.90	ppb
Molybdenum	96-1	4.62	4.59	4.62	4.61	0.35	ppb
Molybdenum	97-1	4.71	4.74	4.54	4.66	2.36	ppb
Molybdenum	98-1	4.67	4.51	4.53	4.57	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.01	1.03	1.03	2.75	ppb
Phosphorus	31-2	-2.55	-10.14	3.52	-3.06		ppb
Potassium	39-2	486.46	474.68	487.46	482.87	1.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.55	3.71	4.51	4.26	11.18	ppb
Selenium	78-2	6.64	4.55	5.68	5.62	18.60	ppb
Selenium	82-1	5.34	5.11	4.84	5.10	4.91	ppb
Silicon	28-1	0.65	-0.48	1.86	0.68	171.90	ppb
Silver	109-1	1.12	1.08	1.02	1.07	4.74	ppb
Silver	107-1	1.11	1.05	1.10	1.09	3.21	ppb
Sodium	23-2	527.04	515.76	522.21	521.67	1.08	ppb
Strontium	86-1	0.93	1.02	0.88	0.94	7.73	ppb
Strontium	88-1	0.91	0.91	0.91	0.91	0.55	ppb
Sulfur	34-1	-1669.50	-1713.44	-1481.91	-1621.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.92	0.98	0.92	5.41	ppb
Thallium	205-1	0.91	0.87	0.90	0.90	2.39	ppb
Tin	118-1	4.81	4.86	4.81	4.83	0.67	ppb
Titanium	47-1	4.37	4.89	4.99	4.75	7.05	ppb
Uranium	238-1	0.79	0.77	0.79	0.79	1.63	ppb
Vanadium	51-2	4.54	4.55	4.58	4.56	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.97	1.87	2.03	1.96	4.19	ppb
Zirconium	90-1	0.96	0.95	0.97	0.96	0.96	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.98	1.02	0.98	3.53	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:43:14	DataFile Name :	050CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.22	0.35	0.19	88.26	ppb
Antimony	121-1	0.17	0.17	0.21	0.18	11.43	ppb
Arsenic	75-2	0.04	0.03	0.01	0.03	49.78	ppb
Barium	135-1	0.01	0.00	0.01	0.01	49.14	ppb
Barium	137-1	0.01	0.01	0.01	0.01	20.33	ppb
Beryllium	9-1	0.10	0.12	0.14	0.12	15.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.75	6.88	6.17	6.60	5.75	ppb
Boron	11-1	6.54	6.39	6.00	6.31	4.40	ppb
Cadmium	111-1	0.10	-0.07	0.06	0.03	316.10	ppb
Cadmium	106-1	1.26	-1.11	0.68	0.28	448.98	ppb
Cadmium	108-1	0.07	0.07	0.00	0.05	91.80	ppb
Calcium	43-1	-2.85	-0.62	-1.59	-1.69		ppb
Calcium	44-1	-1.29	-0.51	-1.45	-1.08		ppb
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.49	-0.46	-0.49	-0.48		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.41	1.34	1.30	1.35	4.04	ppb
Iron	57-2	1.22	1.69	1.57	1.50	16.34	ppb
Lead	206-1	0.06	0.06	0.06	0.06	4.22	ppb
Lead	207-1	0.06	0.05	0.06	0.06	6.51	ppb
Lead	208-1	0.06	0.06	0.06	0.06	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	1.38	1.32	1.05	1.25	13.92	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	795.91	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:43:14	DataFile Name :	050CCBE_P7020618-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.13	0.13	0.13	8.78	ppb
Molybdenum	95-1	0.16	0.17	0.18	0.17	5.82	ppb
Molybdenum	96-1	0.15	0.15	0.15	0.15	1.81	ppb
Molybdenum	97-1	0.18	0.17	0.14	0.16	9.92	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-16.00	-0.06	-11.45	-9.17		ppb
Potassium	39-2	29.04	28.31	27.70	28.35	2.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.09	-0.31	-0.31	-0.17		ppb
Selenium	78-2	0.73	1.00	0.19	0.64	64.19	ppb
Selenium	82-1	0.47	0.90	-0.16	0.40	131.32	ppb
Silicon	28-1	-13.85	-13.59	-13.66	-13.70		ppb
Silver	109-1	0.06	0.05	0.05	0.05	5.05	ppb
Silver	107-1	0.05	0.05	0.07	0.06	21.31	ppb
Sodium	23-2	68.65	69.66	67.75	68.69	1.40	ppb
Strontium	86-1	-0.01	0.03	-0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	132.57	ppb
Sulfur	34-1	-1550.87	-1585.33	-1481.62	-1539.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	12.00	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	10.22	ppb
Tin	118-1	0.07	0.07	0.10	0.08	19.80	ppb
Titanium	47-1	0.08	0.06	0.11	0.08	33.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	234.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.25	-0.14	-0.17	-0.18		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	15.45	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:43:14	DataFile Name :	050CCBE_P7020618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	63.93	ppb

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	0	42	111.36	cps
Antimony	121-1	42	33	67	47	36.74	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	50	42	33	42	20.00	cps
Beryllium	9-1	33	17	33	28	34.63	cps
Bismuth	209-1	8815121	8437277	8805630	8686010	2.48	cps
Bismuth	209-2	6195165	6165349	6096055	6152190	0.83	cps
Boron	10-1	33	42	17	31	41.66	cps
Boron	11-1	283	283	267	278	3.46	cps
Cadmium	111-1	2550	2573	2533	2552	0.77	cps
Cadmium	106-1	3634	3676	3617	3642	0.82	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	258	142	183	194	30.41	cps
Calcium	44-1	11614	11430	11347	11463	1.19	cps
Chromium	52-2	420	507	420	449	11.15	cps
Cobalt	59-2	140	127	117	128	9.16	cps
Copper	63-2	4027	4137	4087	4084	1.35	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	103	97	130	110	16.03	cps
Holmium	165-1	15004444	14535995	14986342	14842260	1.79	cps
Holmium	165-2	9120648	8975166	8914221	9003345	1.18	cps
Indium	115-1	12258546	11829045	12174808	12087466	1.88	cps
Indium	115-2	2905833	2876271	2854632	2878912	0.89	cps
Iron	56-2	2567	2528	2511	2535	1.12	cps
Iron	57-2	167	111	156	144	20.35	cps
Lead	206-1	300	211	300	270	18.98	cps
Lead	207-1	217	233	244	231	6.04	cps
Lead	208-1	1083	928	1117	1043	9.67	cps
Lithium	6-1	3305902	3192559	3301689	3266717	1.97	cps
Magnesium	24-2	283	200	183	222	24.11	cps
Manganese	55-2	33	53	37	41	26.06	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	258	225	253	10.07	cps
Molybdenum	95-1	25	67	33	42	52.92	cps
Molybdenum	96-1	75	108	92	92	18.18	cps
Molybdenum	97-1	50	42	67	53	24.12	cps
Molybdenum	98-1	42	50	33	42	20.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	43	67	50	29.06	cps
Phosphorus	31-2	242	283	300	275	10.93	cps
Potassium	39-2	35560	34291	36613	35488	3.28	cps
Rhodium	103-1	11356093	10949341	11312320	11205918	1.99	cps
Rhodium	103-2	6050311	6186614	6156177	6131034	1.17	cps
Scandium	45-1	8086059	7774359	8021849	7960756	2.07	cps
Scandium	45-2	404248	402712	397527	401496	0.88	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	81	74	57	71	17.37	cps
Selenium	82-1	69	35	42	48	37.06	cps
Silicon	28-1	378469	376409	376348	377075	0.32	cps
Silver	109-1	67	58	42	56	22.91	cps
Silver	107-1	108	75	167	117	39.77	cps
Sodium	23-2	14875	13974	14491	14446	3.13	cps
Strontium	86-1	442	500	500	481	7.01	cps
Strontium	88-1	117	133	92	114	18.41	cps
Sulfur	34-1	356517	356195	355648	356120	0.12	cps
Terbium	159-1	15697620	15210321	15630477	15512806	1.70	cps
Terbium	159-2	9131720	8971057	8999802	9034193	0.95	cps
Thallium	203-1	67	75	58	67	12.49	cps
Thallium	205-1	75	92	92	86	11.18	cps
Tin	118-1	1083	908	1025	1006	8.86	cps
Titanium	47-1	75	92	125	97	26.19	cps
Uranium	238-1	58	33	25	39	44.62	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Yttrium	89-1	12808491	12352186	12764940	12641872	1.99	cps
Yttrium	89-2	2198012	2174796	2168163	2180324	0.72	cps
Zinc	66-2	297	260	247	268	9.67	cps
Zirconium	90-1	617	633	742	664	10.22	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 13:55:18	DataFile Name :	003CALB_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	167	133	150	11.11	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1842	2225	2234	2100	10.66	cps
Antimony	121-1	16677	17019	17136	16944	1.41	cps
Arsenic	75-2	333	307	339	327	5.15	cps
Barium	135-1	21643	21200	21309	21384	1.08	cps
Barium	137-1	37309	36984	35973	36755	1.90	cps
Beryllium	9-1	1800	1633	1717	1717	4.85	cps
Bismuth	209-1	8670341	8815339	8916783	8800821	1.41	cps
Bismuth	209-2	6129830	6225782	6167724	6174445	0.78	cps
Boron	10-1	4392	4543	4726	4554	3.67	cps
Boron	11-1	21549	21174	22008	21577	1.94	cps
Cadmium	111-1	4763	4778	4579	4707	2.35	cps
Cadmium	106-1	3884	3942	3859	3895	1.10	cps
Cadmium	108-1	104	171	163	146	24.91	cps
Calcium	43-1	12773	13457	13065	13098	2.62	cps
Calcium	44-1	224082	222372	224063	223505	0.44	cps
Chromium	52-2	6695	6948	6808	6817	1.86	cps
Cobalt	59-2	5031	5008	5014	5018	0.24	cps
Copper	63-2	11131	11034	11308	11158	1.24	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	30	43	40	38	18.36	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	97	93	120	103	14.06	cps
Holmium	165-1	15005026	15191501	15286870	15161132	0.95	cps
Holmium	165-2	9225132	9291357	9261688	9259392	0.36	cps
Indium	115-1	12161009	12424432	12502228	12362556	1.45	cps
Indium	115-2	2864174	2896568	2881614	2880785	0.56	cps
Iron	56-2	130558	128507	129432	129499	0.79	cps
Iron	57-2	3200	3312	3384	3299	2.80	cps
Lead	206-1	6635	6368	6329	6444	2.58	cps
Lead	207-1	5824	5546	5779	5716	2.61	cps
Lead	208-1	26394	26161	25349	25968	2.11	cps
Lithium	6-1	3244658	3260999	3301010	3268889	0.89	cps
Magnesium	24-2	114544	116298	116324	115722	0.88	cps
Manganese	55-2	1833	1890	2004	1909	4.53	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17603	16986	16619	17069	2.92	cps
Molybdenum	95-1	21191	20966	20415	20858	1.91	cps
Molybdenum	96-1	22794	23370	23537	23234	1.68	cps
Molybdenum	97-1	12956	12573	13307	12945	2.84	cps
Molybdenum	98-1	34944	33131	33975	34017	2.67	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1540	1320	1317	1392	9.19	cps
Phosphorus	31-2	333	258	242	278	17.58	cps
Potassium	39-2	143000	145558	145270	144609	0.97	cps
Rhodium	103-1	11248245	11398995	11534746	11393995	1.26	cps
Rhodium	103-2	6172214	6236909	6191699	6200274	0.54	cps
Scandium	45-1	8011636	8092918	8256970	8120508	1.54	cps
Scandium	45-2	398260	403815	403045	401707	0.75	cps
Selenium	77-2	30	43	40	38	18.36	cps
Selenium	78-2	196	209	187	198	5.65	cps
Selenium	82-1	701	694	665	687	2.77	cps
Silicon	28-1	459935	460680	458137	459584	0.28	cps
Silver	109-1	10104	9737	10638	10160	4.46	cps
Silver	107-1	10529	10688	10613	10610	0.75	cps
Sodium	23-2	227510	228287	230409	228735	0.66	cps
Strontium	86-1	2809	3109	3075	2998	5.49	cps
Strontium	88-1	24747	25106	25165	25006	0.90	cps
Sulfur	34-1	352064	350876	351852	351597	0.18	cps
Terbium	159-1	15549622	15817739	15986959	15784773	1.40	cps
Terbium	159-2	9232932	9243412	9264440	9246928	0.17	cps
Thallium	203-1	7986	7544	7961	7830	3.17	cps
Thallium	205-1	19181	19357	18397	18978	2.69	cps
Tin	118-1	35554	36081	34644	35426	2.05	cps
Titanium	47-1	6427	6402	5918	6249	4.59	cps
Uranium	238-1	23631	23990	23982	23867	0.86	cps
Vanadium	51-2	11922	12142	12252	12105	1.39	cps
Yttrium	89-1	12689954	12906190	13009126	12868423	1.27	cps
Yttrium	89-2	2181488	2187503	2190072	2186354	0.20	cps
Zinc	66-2	1300	1303	1110	1238	8.94	cps
Zirconium	90-1	14191	14333	14441	14322	0.88	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:03:29	DataFile Name :	005CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3292	3376	3176	3281	3.06	cps

LB Number : LB93138 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-06 14:07:20 DataFile Name : 006CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105721	106360	106637	106239	0.44	cps
Antimony	121-1	450813	454368	443038	449407	1.29	cps
Arsenic	75-2	17436	17373	17787	17532	1.27	cps
Barium	135-1	577896	569617	553460	566991	2.19	cps
Barium	137-1	991547	993537	959535	981540	1.94	cps
Beryllium	9-1	91787	91413	86999	90066	2.96	cps
Bismuth	209-1	8807949	8892854	8567851	8756218	1.93	cps
Bismuth	209-2	6056218	6086357	6095232	6079269	0.34	cps
Boron	10-1	10396	9845	9662	9968	3.83	cps
Boron	11-1	46481	48111	46397	46997	2.06	cps
Cadmium	111-1	112733	114006	107830	111523	2.92	cps
Cadmium	106-1	14817	15426	14850	15031	2.28	cps
Cadmium	108-1	7802	8328	7640	7923	4.54	cps
Calcium	43-1	144492	141605	138216	141438	2.22	cps
Calcium	44-1	2333411	2323835	2223537	2293594	2.65	cps
Chromium	52-2	158845	157622	159603	158690	0.63	cps
Cobalt	59-2	253513	253457	257907	254959	1.00	cps
Copper	63-2	375519	373811	378068	375799	0.57	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	10	23	13	16	44.60	cps
Gadolinium	160-1	67	117	42	75	50.92	cps
Gadolinium	160-2	103	87	97	96	8.78	cps
Holmium	165-1	15243201	15479838	14779139	15167393	2.35	cps
Holmium	165-2	9117287	9118073	9217031	9150797	0.63	cps
Indium	115-1	12296580	12540675	11962632	12266629	2.37	cps
Indium	115-2	2836610	2860555	2882532	2859899	0.80	cps
Iron	56-2	6731404	6696188	6791153	6739582	0.71	cps
Iron	57-2	165417	164753	166219	165463	0.44	cps
Lead	206-1	331348	330097	313616	325020	3.04	cps
Lead	207-1	287429	286086	276480	283332	2.11	cps
Lead	208-1	1311068	1300168	1253968	1288401	2.35	cps
Lithium	6-1	3230101	3224085	3110470	3188219	2.11	cps
Magnesium	24-2	1213375	1221019	1232658	1222350	0.79	cps
Manganese	55-2	184156	184821	185750	184909	0.43	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:07:20	DataFile Name :	006CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	935522	945439	895910	925624	2.83	cps
Molybdenum	95-1	1146612	1144673	1095566	1128950	2.56	cps
Molybdenum	96-1	1271798	1267200	1217368	1252122	2.41	cps
Molybdenum	97-1	711526	706760	682879	700388	2.19	cps
Molybdenum	98-1	1852487	1847959	1769876	1823441	2.55	cps
Neodymium	150-1	40	33	7	27	66.13	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	67046	67069	68717	67611	1.42	cps
Phosphorus	31-2	5560	5568	6227	5785	6.62	cps
Potassium	39-2	622003	628602	628129	626244	0.59	cps
Rhodium	103-1	11323803	11479087	10964171	11255687	2.35	cps
Rhodium	103-2	6033250	6132788	6172031	6112689	1.17	cps
Scandium	45-1	8142975	8211976	7839773	8064908	2.46	cps
Scandium	45-2	396236	397356	401162	398251	0.65	cps
Selenium	77-2	447	353	333	378	16.01	cps
Selenium	78-2	1341	1417	1228	1328	7.16	cps
Selenium	82-1	7006	7034	6785	6941	1.96	cps
Silicon	28-1	699618	705751	688700	698023	1.24	cps
Silver	109-1	535816	533467	512747	527343	2.41	cps
Silver	107-1	568440	560043	536732	555071	2.96	cps
Sodium	23-2	2305915	2294830	2320282	2307009	0.55	cps
Strontium	86-1	150919	150456	144522	148632	2.40	cps
Strontium	88-1	1334384	1333585	1275507	1314492	2.57	cps
Sulfur	34-1	387628	388716	387194	387846	0.20	cps
Terbium	159-1	15760143	16039243	15336997	15712128	2.25	cps
Terbium	159-2	9138024	9120412	9263576	9174004	0.85	cps
Thallium	203-1	410588	409088	394927	404868	2.13	cps
Thallium	205-1	982975	977625	935053	965218	2.72	cps
Tin	118-1	372706	376185	361279	370057	2.11	cps
Titanium	47-1	332055	332717	318024	327599	2.53	cps
Uranium	238-1	1305185	1297509	1245929	1282875	2.51	cps
Vanadium	51-2	129842	128504	130157	129501	0.68	cps
Yttrium	89-1	12945056	13151272	12621167	12905831	2.07	cps
Yttrium	89-2	2185157	2177230	2193359	2185248	0.37	cps
Zinc	66-2	50755	50982	51039	50925	0.30	cps
Zirconium	90-1	787417	789680	760488	779195	2.08	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:07:20	DataFile Name :	006CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	174358	177806	169770	173978	2.32	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268273	268374	270504	269050	0.47	cps
Antimony	121-1	1157708	1161805	1157233	1158915	0.22	cps
Arsenic	75-2	43948	44289	44542	44260	0.67	cps
Barium	135-1	1437298	1452440	1446056	1445265	0.53	cps
Barium	137-1	2500049	2489466	2514280	2501265	0.50	cps
Beryllium	9-1	219503	220855	219294	219884	0.39	cps
Bismuth	209-1	8616159	8777310	8962460	8785310	1.97	cps
Bismuth	209-2	6118251	6237007	6034434	6129897	1.66	cps
Boron	10-1	23402	24838	24337	24192	3.01	cps
Boron	11-1	112785	114306	113776	113622	0.68	cps
Cadmium	111-1	281365	279841	280285	280497	0.28	cps
Cadmium	106-1	32630	33315	34184	33377	2.33	cps
Cadmium	108-1	20499	20386	20937	20607	1.41	cps
Calcium	43-1	360443	357810	362720	360324	0.68	cps
Calcium	44-1	5816891	5828987	5847650	5831176	0.27	cps
Chromium	52-2	396181	399952	400689	398941	0.61	cps
Cobalt	59-2	642854	639704	647240	643266	0.59	cps
Copper	63-2	938897	939920	943916	940911	0.28	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	27	3	23	18	71.00	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	37	20	53	37	45.45	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	110	130	110	117	9.90	cps
Holmium	165-1	15178073	15322903	15698639	15399872	1.74	cps
Holmium	165-2	9329582	9473162	9263994	9355579	1.14	cps
Indium	115-1	12329862	12512150	12700903	12514305	1.48	cps
Indium	115-2	2900044	2934407	2888647	2907699	0.82	cps
Iron	56-2	17053255	17042227	17163650	17086377	0.39	cps
Iron	57-2	415102	415367	419498	416655	0.59	cps
Lead	206-1	811712	820539	810744	814332	0.66	cps
Lead	207-1	719886	716365	716666	717639	0.27	cps
Lead	208-1	3259298	3249273	3245778	3251449	0.22	cps
Lithium	6-1	3140883	3143266	3179232	3154460	0.68	cps
Magnesium	24-2	3065113	3080545	3081115	3075591	0.30	cps
Manganese	55-2	469847	470143	470286	470092	0.05	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2380637	2385691	2388142	2384824	0.16	cps
Molybdenum	95-1	2915813	2916847	2921638	2918099	0.11	cps
Molybdenum	96-1	3247863	3237308	3238206	3241126	0.18	cps
Molybdenum	97-1	1819927	1798703	1798930	1805853	0.67	cps
Molybdenum	98-1	4764267	4736737	4743124	4748043	0.30	cps
Neodymium	150-1	80	120	100	100	20.00	cps
Neodymium	150-2	3	20	20	14	66.64	cps
Nickel	60-2	168132	168697	169730	168853	0.48	cps
Phosphorus	31-2	13882	13924	13782	13863	0.53	cps
Potassium	39-2	1531242	1538011	1542926	1537393	0.38	cps
Rhodium	103-1	11369355	11548947	11667401	11528567	1.30	cps
Rhodium	103-2	6187848	6226624	6160722	6191732	0.53	cps
Scandium	45-1	8225559	8240888	8383522	8283323	1.05	cps
Scandium	45-2	403822	411648	399894	405121	1.48	cps
Selenium	77-2	913	917	870	900	2.89	cps
Selenium	78-2	3213	3341	3115	3223	3.52	cps
Selenium	82-1	17523	17569	17286	17459	0.87	cps
Silicon	28-1	1196284	1205208	1210026	1203839	0.58	cps
Silver	109-1	1346373	1339640	1343131	1343048	0.25	cps
Silver	107-1	1404683	1409040	1408676	1407466	0.17	cps
Sodium	23-2	5761501	5775334	5766381	5767739	0.12	cps
Strontium	86-1	379165	380460	378576	379400	0.25	cps
Strontium	88-1	3389692	3372080	3383613	3381795	0.26	cps
Sulfur	34-1	452389	450699	451856	451648	0.19	cps
Terbium	159-1	15898648	16081898	16293769	16091438	1.23	cps
Terbium	159-2	9357833	9470495	9274817	9367715	1.05	cps
Thallium	203-1	1015596	1006666	1021260	1014507	0.73	cps
Thallium	205-1	2446075	2440683	2439418	2442059	0.14	cps
Tin	118-1	940474	951146	947909	946510	0.58	cps
Titanium	47-1	829610	831016	832493	831040	0.17	cps
Uranium	238-1	3217317	3264798	3253176	3245097	0.76	cps
Vanadium	51-2	326695	326204	330217	327706	0.67	cps
Yttrium	89-1	13102513	13274182	13372252	13249649	1.03	cps
Yttrium	89-2	2211960	2252789	2222390	2229046	0.95	cps
Zinc	66-2	127743	128405	129306	128485	0.61	cps
Zirconium	90-1	2010330	2021098	2005255	2012228	0.40	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:11:26	DataFile Name :	007CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	447882	445432	446664	446659	0.27	cps

LB Number : LB93138 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-06 14:15:12 DataFile Name : 008CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	532757	534785	528192	531911	0.63	cps
Antimony	121-1	2380706	2384442	2383853	2383000	0.08	cps
Arsenic	75-2	88534	88292	89065	88630	0.45	cps
Barium	135-1	2961646	2966321	2981393	2969787	0.35	cps
Barium	137-1	5192363	5158242	5161971	5170859	0.36	cps
Beryllium	9-1	440029	436782	436718	437843	0.43	cps
Bismuth	209-1	8627383	8847654	8884759	8786599	1.58	cps
Bismuth	209-2	5817308	6100679	6202090	6040026	3.30	cps
Boron	10-1	47467	48445	48044	47985	1.02	cps
Boron	11-1	225904	227174	229846	227641	0.88	cps
Cadmium	111-1	568056	563329	567437	566274	0.45	cps
Cadmium	106-1	64716	63058	63677	63817	1.31	cps
Cadmium	108-1	41198	41586	41206	41330	0.54	cps
Calcium	43-1	730905	725637	728452	728331	0.36	cps
Calcium	44-1	11760391	11710739	11756991	11742707	0.24	cps
Chromium	52-2	800897	801565	802264	801575	0.09	cps
Cobalt	59-2	1288234	1293272	1286915	1289474	0.26	cps
Copper	63-2	1882961	1880247	1874495	1879235	0.23	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	40	30	43	38	18.36	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-1	25	142	67	78	76.01	cps
Gadolinium	160-2	123	127	113	121	5.73	cps
Holmium	165-1	15470360	15674710	15893489	15679520	1.35	cps
Holmium	165-2	9079043	9406574	9511808	9332475	2.42	cps
Indium	115-1	12418202	12609836	12681458	12569832	1.08	cps
Indium	115-2	2772286	2910662	2932931	2871960	3.03	cps
Iron	56-2	34516338	34195190	34184555	34298694	0.55	cps
Iron	57-2	833600	829291	834985	832625	0.36	cps
Lead	206-1	1669503	1668484	1675071	1671019	0.21	cps
Lead	207-1	1469962	1466268	1465820	1467350	0.15	cps
Lead	208-1	6658512	6654256	6665841	6659536	0.09	cps
Lithium	6-1	3074594	3124935	3119397	3106309	0.89	cps
Magnesium	24-2	6043306	6077596	6062959	6061287	0.28	cps
Manganese	55-2	939180	944843	941235	941753	0.30	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:15:12	DataFile Name :	008CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4905491	4907910	4899899	4904433	0.08	cps
Molybdenum	95-1	5903608	5941544	5934250	5926467	0.34	cps
Molybdenum	96-1	6577837	6613729	6565445	6585670	0.38	cps
Molybdenum	97-1	3679357	3698982	3688516	3688952	0.27	cps
Molybdenum	98-1	9552893	9520661	9529234	9534263	0.18	cps
Neodymium	150-1	247	247	220	238	6.48	cps
Neodymium	150-2	30	33	30	31	6.18	cps
Nickel	60-2	338927	336976	337897	337933	0.29	cps
Phosphorus	31-2	27434	27685	28745	27955	2.49	cps
Potassium	39-2	3053873	3059550	3075892	3063105	0.37	cps
Rhodium	103-1	11316972	11551945	11557946	11475621	1.20	cps
Rhodium	103-2	5878156	6177948	6145501	6067202	2.71	cps
Scandium	45-1	8069700	8330703	8357598	8252667	1.93	cps
Scandium	45-2	382097	398228	405836	395387	3.07	cps
Selenium	77-2	1943	1870	1990	1935	3.13	cps
Selenium	78-2	6411	6305	6596	6437	2.29	cps
Selenium	82-1	35130	35228	35075	35144	0.22	cps
Silicon	28-1	2033146	2047003	2053245	2044465	0.50	cps
Silver	109-1	2738558	2724626	2724579	2729254	0.30	cps
Silver	107-1	2856076	2873556	2866456	2865363	0.31	cps
Sodium	23-2	11426713	11389830	11411877	11409474	0.16	cps
Strontium	86-1	771449	770710	774394	772185	0.25	cps
Strontium	88-1	6819609	6829682	6804947	6818079	0.18	cps
Sulfur	34-1	547481	536349	541683	541838	1.03	cps
Terbium	159-1	16059965	16349345	16482444	16297251	1.33	cps
Terbium	159-2	9139198	9451312	9478698	9356403	2.02	cps
Thallium	203-1	2068918	2081595	2088358	2079624	0.47	cps
Thallium	205-1	5036872	5023129	5054181	5038061	0.31	cps
Tin	118-1	1940590	1924924	1928987	1931500	0.42	cps
Titanium	47-1	1687740	1674156	1683711	1681869	0.41	cps
Uranium	238-1	6720361	6684868	6670248	6691826	0.39	cps
Vanadium	51-2	661343	660744	659375	660487	0.15	cps
Yttrium	89-1	13129377	13378381	13440142	13315967	1.24	cps
Yttrium	89-2	2141654	2230464	2250852	2207657	2.63	cps
Zinc	66-2	254201	255900	255305	255135	0.34	cps
Zirconium	90-1	4165996	4139815	4127078	4144296	0.48	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:15:12	DataFile Name :	008CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	915070	911803	911340	912738	0.22	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	944999	960603	1042703	982768	5.34	cps
Antimony	121-1	4801405	4810845	4780849	4797700	0.32	cps
Arsenic	75-2	158735	160162	174454	164450	5.29	cps
Barium	135-1	5985704	5997564	5972326	5985198	0.21	cps
Barium	137-1	10240202	10270821	10194064	10235029	0.38	cps
Beryllium	9-1	849600	848072	842049	846574	0.47	cps
Bismuth	209-1	8668640	8703734	8670608	8680994	0.23	cps
Bismuth	209-2	5458888	5462689	6004264	5641947	5.56	cps
Boron	10-1	93799	93925	95955	94559	1.28	cps
Boron	11-1	441921	446284	453700	447302	1.33	cps
Cadmium	111-1	1115097	1115410	1105672	1112060	0.50	cps
Cadmium	106-1	122266	121568	120281	121372	0.83	cps
Cadmium	108-1	81173	81298	82203	81558	0.69	cps
Calcium	43-1	1439035	1443764	1431785	1438195	0.42	cps
Calcium	44-1	23159891	23307349	23214011	23227084	0.32	cps
Chromium	52-2	1421240	1441401	1579951	1480864	5.83	cps
Cobalt	59-2	2299955	2311457	2534433	2381948	5.55	cps
Copper	63-2	3343541	3360201	3684465	3462735	5.55	cps
Dysprosium	156-1	67	75	92	78	16.37	cps
Dysprosium	156-2	37	33	73	48	46.45	cps
Erbium	164-1	117	25	83	75	61.86	cps
Erbium	164-2	37	67	47	50	30.55	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	103	100	123	109	11.59	cps
Holmium	165-1	15621174	15551799	15621211	15598061	0.26	cps
Holmium	165-2	8593330	8629533	9395040	8872634	5.10	cps
Indium	115-1	12448404	12419294	12450085	12439261	0.14	cps
Indium	115-2	2607592	2607156	2871993	2695581	5.67	cps
Iron	56-2	60864987	61266211	66934675	63021958	5.39	cps
Iron	57-2	1484510	1488717	1643830	1539019	5.90	cps
Lead	206-1	3332645	3329315	3320159	3327373	0.19	cps
Lead	207-1	2910904	2925039	2922161	2919368	0.26	cps
Lead	208-1	13217160	13314478	13268247	13266629	0.37	cps
Lithium	6-1	3014892	3007264	2999533	3007230	0.26	cps
Magnesium	24-2	10808578	10876343	11879728	11188216	5.36	cps
Manganese	55-2	1683118	1688049	1861629	1744265	5.83	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9715766	9735372	9704855	9718665	0.16	cps
Molybdenum	95-1	11872443	11951956	11882804	11902401	0.36	cps
Molybdenum	96-1	13159002	13215715	13210183	13194967	0.24	cps
Molybdenum	97-1	7428837	7446337	7431561	7435578	0.13	cps
Molybdenum	98-1	19165611	19163723	19098172	19142502	0.20	cps
Neodymium	150-1	367	413	367	382	7.05	cps
Neodymium	150-2	50	40	40	43	13.32	cps
Nickel	60-2	601183	603734	661613	622177	5.49	cps
Phosphorus	31-2	47710	50996	53037	50581	5.31	cps
Potassium	39-2	5391475	5443295	5954870	5596547	5.56	cps
Rhodium	103-1	11299487	11314060	11374651	11329399	0.35	cps
Rhodium	103-2	5550212	5539871	6045287	5711790	5.06	cps
Scandium	45-1	8132676	8197196	8190973	8173615	0.44	cps
Scandium	45-2	366672	364062	400732	377155	5.42	cps
Selenium	77-2	3217	3487	3724	3476	7.30	cps
Selenium	78-2	11471	11514	12031	11672	2.67	cps
Selenium	82-1	69279	69140	68833	69084	0.33	cps
Silicon	28-1	3709876	3712053	3730884	3717604	0.31	cps
Silver	109-1	5423538	5418165	5398547	5413417	0.24	cps
Silver	107-1	5655325	5661836	5668037	5661733	0.11	cps
Sodium	23-2	20372098	20496895	22473912	21114302	5.58	cps
Strontium	86-1	1539578	1552324	1536234	1542712	0.55	cps
Strontium	88-1	13646054	13735160	13590476	13657230	0.53	cps
Sulfur	34-1	730640	718872	712145	720552	1.30	cps
Terbium	159-1	16209656	16296654	16276751	16261020	0.28	cps
Terbium	159-2	8615492	8628189	9419062	8887581	5.18	cps
Thallium	203-1	4149572	4181553	4169434	4166853	0.39	cps
Thallium	205-1	9932806	9876925	9886053	9898595	0.30	cps
Tin	118-1	3909375	3880684	3866452	3885504	0.56	cps
Titanium	47-1	3377132	3362540	3359727	3366466	0.28	cps
Uranium	238-1	13296925	13330145	13294396	13307155	0.15	cps
Vanadium	51-2	1186017	1194703	1306176	1228965	5.45	cps
Yttrium	89-1	13266757	13267447	13281908	13272038	0.06	cps
Yttrium	89-2	2021483	2023520	2211495	2085500	5.23	cps
Zinc	66-2	451759	454664	496223	467549	5.32	cps
Zirconium	90-1	8217361	8242280	8219171	8226271	0.17	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:18:57	DataFile Name :	009CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1835092	1811613	1831467	1826057	0.69	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1905428	1912086	2046337	1954617	4.07	cps
Antimony	121-1	9506234	9466425	9501116	9491259	0.23	cps
Arsenic	75-2	318295	320233	342327	326952	4.08	cps
Barium	135-1	11807891	11682601	11722449	11737647	0.55	cps
Barium	137-1	20417617	20088339	20284459	20263472	0.82	cps
Beryllium	9-1	1642028	1641783	1641588	1641800	0.01	cps
Bismuth	209-1	8494448	8398868	8333009	8408775	0.97	cps
Bismuth	209-2	5348200	5371828	5791840	5503956	4.53	cps
Boron	10-1	184343	186661	190180	187061	1.57	cps
Boron	11-1	878521	881050	897613	885728	1.17	cps
Cadmium	111-1	2164152	2157998	2173035	2165062	0.35	cps
Cadmium	106-1	237694	234713	234433	235613	0.77	cps
Cadmium	108-1	160442	159265	159439	159715	0.40	cps
Calcium	43-1	2880892	2849163	2845713	2858589	0.68	cps
Calcium	44-1	46128027	45895299	46113901	46045742	0.28	cps
Chromium	52-2	2888633	2887498	3076620	2950917	3.69	cps
Cobalt	59-2	4600835	4582167	4919075	4700692	4.03	cps
Copper	63-2	6532142	6523673	6976421	6677412	3.88	cps
Dysprosium	156-1	225	158	150	178	23.12	cps
Dysprosium	156-2	110	83	90	94	14.69	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	43	47	30	40	22.05	cps
Gadolinium	160-1	108	167	125	133	22.53	cps
Gadolinium	160-2	80	70	113	88	25.85	cps
Holmium	165-1	15545631	15390723	15377523	15437959	0.61	cps
Holmium	165-2	8631248	8670914	9304980	8869047	4.26	cps
Indium	115-1	12200902	12051153	12091726	12114594	0.64	cps
Indium	115-2	2574295	2570082	2780411	2641596	4.55	cps
Iron	56-2	122193653	122821600	130402883	125139379	3.65	cps
Iron	57-2	2973149	2984442	3195174	3050921	4.10	cps
Lead	206-1	6531492	6518940	6491375	6513935	0.32	cps
Lead	207-1	5777472	5734543	5710666	5740894	0.59	cps
Lead	208-1	25982515	25982883	25841202	25935533	0.31	cps
Lithium	6-1	2955779	2931142	2927778	2938233	0.52	cps
Magnesium	24-2	21604811	21550757	23022872	22059480	3.78	cps
Manganese	55-2	3403309	3407349	3655127	3488595	4.13	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19276401	19352606	19375097	19334701	0.27	cps
Molybdenum	95-1	23688178	23746016	23682836	23705677	0.15	cps
Molybdenum	96-1	26152289	26290853	26289571	26244238	0.30	cps
Molybdenum	97-1	14796321	14839276	14851338	14828978	0.20	cps
Molybdenum	98-1	38045634	38025086	38011291	38027337	0.05	cps
Neodymium	150-1	687	727	707	707	2.83	cps
Neodymium	150-2	110	87	90	96	13.21	cps
Nickel	60-2	1192221	1188325	1268840	1216462	3.73	cps
Phosphorus	31-2	96511	98165	103625	99434	3.74	cps
Potassium	39-2	10948882	10916223	11575407	11146837	3.33	cps
Rhodium	103-1	11039584	11004008	10945331	10996308	0.43	cps
Rhodium	103-2	5455096	5446296	5910721	5604038	4.74	cps
Scandium	45-1	8165476	8047746	8012727	8075316	0.99	cps
Scandium	45-2	367329	367682	393626	376213	4.01	cps
Selenium	77-2	6858	6675	7109	6881	3.16	cps
Selenium	78-2	22239	22731	24059	23010	4.09	cps
Selenium	82-1	135818	135633	135834	135762	0.08	cps
Silicon	28-1	5277040	5250444	5274229	5267237	0.28	cps
Silver	109-1	10479345	10517586	10553370	10516767	0.35	cps
Silver	107-1	11148280	11089807	11115997	11118028	0.26	cps
Sodium	23-2	41023709	40819528	43763022	41868753	3.93	cps
Strontium	86-1	3068502	3066730	3068085	3067772	0.03	cps
Strontium	88-1	27249365	27090727	27186472	27175521	0.29	cps
Sulfur	34-1	1105830	1098397	1094530	1099586	0.52	cps
Terbium	159-1	16178428	16013404	15912637	16034823	0.84	cps
Terbium	159-2	8607431	8600275	9251942	8819883	4.24	cps
Thallium	203-1	8145770	8121860	8170659	8146096	0.30	cps
Thallium	205-1	19333491	19463744	19371369	19389534	0.35	cps
Tin	118-1	7667475	7608083	7665599	7647052	0.44	cps
Titanium	47-1	6692234	6673931	6647457	6671207	0.34	cps
Uranium	238-1	26303393	26171116	26190444	26221651	0.27	cps
Vanadium	51-2	2392849	2394332	2559750	2448977	3.92	cps
Yttrium	89-1	13273023	13148899	13054724	13158882	0.83	cps
Yttrium	89-2	2028994	2032141	2183123	2081419	4.23	cps
Zinc	66-2	888519	889217	948785	908840	3.81	cps
Zirconium	90-1	16460702	16382759	16385931	16409797	0.27	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:22:38	DataFile Name :	010CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3647534	3660654	3627285	3645158	0.46	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10220100	10344620	10593080	10385934	1.83	cps
Antimony	121-1	28179	27436	25749	27122	4.59	cps
Arsenic	75-2	209	230	219	219	4.65	cps
Barium	135-1	3342	3326	2875	3181	8.33	cps
Barium	137-1	6060	5568	5335	5654	6.55	cps
Beryllium	9-1	461	356	361	393	15.13	cps
Bismuth	209-1	7661820	7601781	7527392	7596998	0.89	cps
Bismuth	209-2	5024102	5083908	5192270	5100093	1.67	cps
Boron	10-1	8269	8161	7044	7825	8.67	cps
Boron	11-1	38784	35685	32895	35788	8.23	cps
Cadmium	111-1	2827	2722	2717	2755	2.25	cps
Cadmium	106-1	3659	3542	3542	3581	1.88	cps
Cadmium	108-1	38	29	42	36	17.62	cps
Calcium	43-1	14083263	14032912	14136506	14084227	0.37	cps
Calcium	44-1	228836088	228306347	228103905	228415447	0.17	cps
Chromium	52-2	57809	57666	58422	57966	0.69	cps
Cobalt	59-2	6165	6278	6078	6174	1.63	cps
Copper	63-2	13380	13667	13273	13440	1.52	cps
Dysprosium	156-1	67	125	67	86	39.11	cps
Dysprosium	156-2	47	50	37	44	15.61	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	53	17	30	33	55.67	cps
Gadolinium	160-1	150	158	75	128	35.92	cps
Gadolinium	160-2	120	110	130	120	8.33	cps
Holmium	165-1	14848764	14721074	14555849	14708562	1.00	cps
Holmium	165-2	8681592	8770725	8908031	8786783	1.30	cps
Indium	115-1	11535079	11420549	11343324	11432984	0.84	cps
Indium	115-2	2562193	2611194	2645025	2606137	1.60	cps
Iron	56-2	617454969	621256303	634952881	624554718	1.47	cps
Iron	57-2	14915610	15149649	15348119	15137793	1.43	cps
Lead	206-1	12590	12278	12395	12421	1.27	cps
Lead	207-1	10443	10260	10360	10354	0.89	cps
Lead	208-1	48325	48219	48653	48399	0.47	cps
Lithium	6-1	2945056	2957641	2944523	2949073	0.25	cps
Magnesium	24-2	112879390	114095228	116325519	114433379	1.53	cps
Manganese	55-2	11281	11194	11281	11252	0.44	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CAL5_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15893	14233	14541	14889	5.93	cps
Molybdenum	95-1	23729	21751	22677	22719	4.36	cps
Molybdenum	96-1	29665	27770	27085	28173	4.74	cps
Molybdenum	97-1	14274	13515	12923	13571	4.99	cps
Molybdenum	98-1	37701	35570	33449	35573	5.98	cps
Neodymium	150-1	133	67	47	82	55.19	cps
Neodymium	150-2	47	50	47	48	4.02	cps
Nickel	60-2	15652	15058	15632	15447	2.18	cps
Phosphorus	31-2	450	342	342	378	16.56	cps
Potassium	39-2	56995989	57667895	58829093	57830992	1.60	cps
Rhodium	103-1	10091292	10054150	9963836	10036426	0.65	cps
Rhodium	103-2	5143402	5231735	5294866	5223334	1.46	cps
Scandium	45-1	7952724	7939827	7858904	7917152	0.64	cps
Scandium	45-2	376946	384199	389337	383494	1.62	cps
Selenium	77-2	7	7	23	12	78.69	cps
Selenium	78-2	100	80	72	84	17.14	cps
Selenium	82-1	167	159	204	177	13.59	cps
Silicon	28-1	448695	446410	439621	444908	1.06	cps
Silver	109-1	633	733	783	717	10.66	cps
Silver	107-1	800	892	808	833	6.08	cps
Sodium	23-2	212885471	216064855	220591913	216514080	1.79	cps
Strontium	86-1	97968	95600	95482	96350	1.46	cps
Strontium	88-1	850409	854840	846805	850685	0.47	cps
Sulfur	34-1	324421	320783	319742	321649	0.76	cps
Terbium	159-1	15377402	15307664	15128166	15271077	0.84	cps
Terbium	159-2	8681711	8805584	8933998	8807098	1.43	cps
Thallium	203-1	4218	3692	3801	3904	7.10	cps
Thallium	205-1	9962	9195	9162	9440	4.80	cps
Tin	118-1	11472	10846	10529	10949	4.38	cps
Titanium	47-1	1450	1308	1117	1292	12.95	cps
Uranium	238-1	2334	2434	2367	2378	2.14	cps
Vanadium	51-2	543	500	553	532	5.33	cps
Yttrium	89-1	12718244	12632539	12513392	12621391	0.82	cps
Yttrium	89-2	2052403	2083079	2117037	2084173	1.55	cps
Zinc	66-2	14007	14144	14224	14125	0.78	cps
Zirconium	90-1	5943	5535	5251	5576	6.24	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 14:26:19	DataFile Name :	011CALS_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1200	1183	1108	1164	4.20	cps

LB Number : LB93138 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-06 15:36:20 DataFile Name : 014ICV01_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56373	57152	56432	56653	0.77	cps
Antimony	121-1	1816244	1833777	1828430	1826150	0.49	cps
Arsenic	75-2	69074	70017	69766	69619	0.70	cps
Barium	135-1	228676	230251	226972	228633	0.72	cps
Barium	137-1	397544	399068	399547	398720	0.26	cps
Beryllium	9-1	169390	173950	171243	171528	1.34	cps
Bismuth	209-1	8899249	8772644	8841964	8837952	0.72	cps
Bismuth	209-2	6097726	6216288	6255063	6189693	1.32	cps
Boron	10-1	96012	95350	98151	96504	1.52	cps
Boron	11-1	454011	464505	467540	462019	1.54	cps
Cadmium	111-1	231821	229148	231038	230669	0.60	cps
Cadmium	106-1	43660	42189	43434	43094	1.84	cps
Cadmium	108-1	22268	22193	22551	22337	0.85	cps
Calcium	43-1	63872	65445	65203	64840	1.31	cps
Calcium	44-1	1006721	1008069	1006768	1007186	0.08	cps
Chromium	52-2	315070	313920	316701	315230	0.44	cps
Cobalt	59-2	513934	513589	512204	513242	0.18	cps
Copper	63-2	377210	378228	377981	377806	0.14	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	142	150	108	133	16.54	cps
Erbium	164-2	73	60	57	63	13.93	cps
Gadolinium	160-1	108	117	92	106	12.06	cps
Gadolinium	160-2	130	110	123	121	8.41	cps
Holmium	165-1	15648750	15517029	15568436	15578072	0.43	cps
Holmium	165-2	9432496	9617836	9565402	9538578	1.00	cps
Indium	115-1	12696807	12668373	12638751	12667977	0.23	cps
Indium	115-2	2916780	2961721	2986845	2955115	1.20	cps
Iron	56-2	2709000	2717577	2719495	2715357	0.21	cps
Iron	57-2	64877	68482	66936	66765	2.71	cps
Lead	206-1	1311013	1313268	1306061	1310114	0.28	cps
Lead	207-1	1105023	1102491	1098481	1101998	0.30	cps
Lead	208-1	5142544	5120438	5100576	5121186	0.41	cps
Lithium	6-1	3194827	3180195	3168723	3181248	0.41	cps
Magnesium	24-2	290522	296081	296462	294355	1.13	cps
Manganese	55-2	183266	185531	185224	184673	0.67	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:36:20	DataFile Name :	014ICV01_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4356087	4368723	4339479	4354763	0.34	cps
Molybdenum	95-1	2341405	2342662	2356112	2346727	0.35	cps
Molybdenum	96-1	3005826	3006506	3027210	3013180	0.40	cps
Molybdenum	97-1	1455487	1459125	1463929	1459514	0.29	cps
Molybdenum	98-1	3788339	3828971	3815277	3810863	0.54	cps
Neodymium	150-1	33	13	20	22	45.85	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	135943	136989	137860	136931	0.70	cps
Phosphorus	31-2	258	325	342	308	14.30	cps
Potassium	39-2	506536	510158	511815	509503	0.53	cps
Rhodium	103-1	11706453	11807143	11767626	11760407	0.43	cps
Rhodium	103-2	6314773	6429595	6412727	6385698	0.97	cps
Scandium	45-1	8486439	8373999	8356692	8405710	0.84	cps
Scandium	45-2	416988	420797	420332	419373	0.50	cps
Selenium	77-2	1567	1540	1587	1565	1.50	cps
Selenium	78-2	5056	5210	5151	5139	1.51	cps
Selenium	82-1	28002	27611	28382	27998	1.38	cps
Silicon	28-1	3316228	3323312	3322849	3320796	0.12	cps
Silver	109-1	1065807	1061028	1066315	1064383	0.27	cps
Silver	107-1	1118481	1126596	1129241	1124773	0.50	cps
Sodium	23-2	915537	922409	923530	920492	0.47	cps
Strontium	86-1	1523443	1524865	1529962	1526090	0.22	cps
Strontium	88-1	13480472	13502537	13534419	13505809	0.20	cps
Sulfur	34-1	348021	349022	354864	350636	1.05	cps
Terbium	159-1	16138248	16256343	16148895	16181162	0.40	cps
Terbium	159-2	9484823	9582587	9668930	9578780	0.96	cps
Thallium	203-1	1664239	1651157	1653535	1656310	0.42	cps
Thallium	205-1	3996523	3984880	3967786	3983063	0.36	cps
Tin	118-1	3932954	3929025	3914031	3925337	0.25	cps
Titanium	47-1	679340	676369	675787	677165	0.28	cps
Uranium	238-1	13068866	13081612	13128162	13092880	0.24	cps
Vanadium	51-2	257556	258795	259038	258463	0.31	cps
Yttrium	89-1	13400633	13453048	13483069	13445583	0.31	cps
Yttrium	89-2	2244802	2293251	2298847	2278967	1.30	cps
Zinc	66-2	100707	101422	101563	101231	0.45	cps
Zirconium	90-1	8243786	8288951	8275592	8269443	0.28	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:36:20	DataFile Name :	014ICV01_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1829486	1818028	1818993	1822169	0.35	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2100	1984	2175	2086	4.63	cps
Antimony	121-1	19022	18997	18813	18944	0.60	cps
Arsenic	75-2	293	357	415	355	17.23	cps
Barium	135-1	21434	21409	21050	21298	1.01	cps
Barium	137-1	36850	37986	36583	37140	2.01	cps
Beryllium	9-1	1611	1667	1739	1672	3.83	cps
Bismuth	209-1	8831687	8881376	8854487	8855850	0.28	cps
Bismuth	209-2	5960260	5931192	6104205	5998552	1.54	cps
Boron	10-1	5293	5535	5385	5404	2.26	cps
Boron	11-1	24738	25689	25247	25225	1.89	cps
Cadmium	111-1	4831	4975	4627	4811	3.64	cps
Cadmium	106-1	4193	3901	4051	4048	3.60	cps
Cadmium	108-1	167	121	179	156	19.74	cps
Calcium	43-1	13381	13940	13732	13685	2.06	cps
Calcium	44-1	231180	231990	231178	231450	0.20	cps
Chromium	52-2	6788	6782	7195	6922	3.42	cps
Cobalt	59-2	5064	5014	5178	5085	1.65	cps
Copper	63-2	11405	11405	12065	11625	3.28	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	0	20	10	100.00	cps
Erbium	164-1	92	58	67	72	24.02	cps
Erbium	164-2	63	43	30	46	36.83	cps
Gadolinium	160-1	83	100	67	83	20.00	cps
Gadolinium	160-2	97	117	93	102	12.34	cps
Holmium	165-1	15586046	15642984	15443228	15557419	0.66	cps
Holmium	165-2	9185364	9252035	9482575	9306658	1.68	cps
Indium	115-1	12857157	12913229	12790322	12853569	0.48	cps
Indium	115-2	2863885	2859390	2971613	2898296	2.19	cps
Iron	56-2	130172	131029	133434	131545	1.29	cps
Iron	57-2	3300	3628	3162	3363	7.13	cps
Lead	206-1	6402	6507	6379	6430	1.06	cps
Lead	207-1	5729	5701	5512	5648	2.09	cps
Lead	208-1	25811	25705	24593	25370	2.66	cps
Lithium	6-1	3210698	3240714	3210224	3220546	0.54	cps
Magnesium	24-2	113200	114283	116879	114787	1.65	cps
Manganese	55-2	1967	1920	1924	1937	1.34	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19506	18930	18730	19055	2.11	cps
Molybdenum	95-1	22368	21784	22176	22110	1.35	cps
Molybdenum	96-1	24839	24898	24522	24753	0.82	cps
Molybdenum	97-1	13641	13373	13482	13499	1.00	cps
Molybdenum	98-1	35788	34893	35244	35309	1.28	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1473	1413	1377	1421	3.43	cps
Phosphorus	31-2	358	233	350	314	22.26	cps
Potassium	39-2	147880	147013	150177	148357	1.10	cps
Rhodium	103-1	11858692	11945368	11850925	11884995	0.44	cps
Rhodium	103-2	6221040	6200772	6366103	6262638	1.44	cps
Scandium	45-1	8453016	8546474	8481837	8493775	0.56	cps
Scandium	45-2	403484	400519	418598	407533	2.38	cps
Selenium	77-2	30	27	20	26	19.92	cps
Selenium	78-2	202	187	224	204	9.12	cps
Selenium	82-1	696	782	636	704	10.43	cps
Silicon	28-1	431512	431378	429176	430689	0.30	cps
Silver	109-1	10212	10279	10529	10340	1.62	cps
Silver	107-1	10788	10871	10646	10768	1.06	cps
Sodium	23-2	232715	231029	239848	234531	2.00	cps
Strontium	86-1	3476	3634	3451	3520	2.83	cps
Strontium	88-1	25640	25791	26033	25821	0.77	cps
Sulfur	34-1	352524	351371	349050	350982	0.50	cps
Terbium	159-1	16249004	16304866	16253731	16269200	0.19	cps
Terbium	159-2	9232348	9326148	9496991	9351829	1.43	cps
Thallium	203-1	7761	7661	7444	7622	2.13	cps
Thallium	205-1	18046	17963	18564	18191	1.79	cps
Tin	118-1	37284	37159	37192	37212	0.17	cps
Titanium	47-1	6718	6535	6193	6482	4.11	cps
Uranium	238-1	23614	22913	22596	23041	2.26	cps
Vanadium	51-2	11498	12105	12169	11924	3.10	cps
Yttrium	89-1	13551438	13579648	13514020	13548368	0.24	cps
Yttrium	89-2	2201432	2205419	2265859	2224236	1.62	cps
Zinc	66-2	1250	1157	1193	1200	3.92	cps
Zirconium	90-1	18963	18479	17895	18446	2.90	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:48:40	DataFile Name :	016LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4151	4159	4359	4223	2.79	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	50	33	50.00	cps
Antimony	121-1	875	958	1133	989	13.33	cps
Arsenic	75-2	7	7	13	9	34.60	cps
Barium	135-1	17	42	50	36	48.03	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	78	67	67	70	9.11	cps
Bismuth	209-1	8756452	9017048	8587226	8786909	2.46	cps
Bismuth	209-2	5749455	5884042	5995395	5876297	2.10	cps
Boron	10-1	900	975	825	900	8.33	cps
Boron	11-1	4209	3717	3834	3920	6.56	cps
Cadmium	111-1	2544	2720	2494	2586	4.59	cps
Cadmium	106-1	3609	3884	3567	3687	4.67	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Calcium	43-1	133	208	200	181	22.77	cps
Calcium	44-1	12473	11480	11472	11808	4.87	cps
Chromium	52-2	447	447	443	446	0.43	cps
Cobalt	59-2	137	163	147	149	9.05	cps
Copper	63-2	4561	4417	4687	4555	2.97	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	100	67	58	75	29.40	cps
Erbium	164-2	27	13	50	30	61.87	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	83	100	67	83	20.00	cps
Holmium	165-1	15531829	15750268	15171130	15484409	1.89	cps
Holmium	165-2	8913329	9077027	9337560	9109305	2.35	cps
Indium	115-1	12800545	12966495	12511374	12759472	1.81	cps
Indium	115-2	2777570	2833682	2919807	2843687	2.52	cps
Iron	56-2	2939	3178	3134	3084	4.12	cps
Iron	57-2	189	178	144	170	13.58	cps
Lead	206-1	311	361	383	352	10.51	cps
Lead	207-1	317	272	328	306	9.62	cps
Lead	208-1	1317	1189	1289	1265	5.31	cps
Lithium	6-1	3219347	3246885	3153076	3206436	1.50	cps
Magnesium	24-2	250	275	192	239	17.90	cps
Manganese	55-2	43	30	50	41	24.77	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	600	675	608	10.34	cps
Molybdenum	95-1	208	225	250	228	9.21	cps
Molybdenum	96-1	308	467	333	369	23.04	cps
Molybdenum	97-1	183	200	183	189	5.10	cps
Molybdenum	98-1	375	483	400	419	13.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	57	33	46	25.70	cps
Phosphorus	31-2	250	233	300	261	13.29	cps
Potassium	39-2	36187	35995	36112	36098	0.27	cps
Rhodium	103-1	11791503	11979859	11563408	11778257	1.77	cps
Rhodium	103-2	6004077	6064999	6294520	6121199	2.50	cps
Scandium	45-1	8414977	8575702	8309513	8433397	1.59	cps
Scandium	45-2	393453	400246	406604	400101	1.64	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	80	98	94	91	10.80	cps
Selenium	82-1	78	20	30	43	72.50	cps
Silicon	28-1	353670	350369	348938	350992	0.69	cps
Silver	109-1	150	58	83	97	48.74	cps
Silver	107-1	142	50	183	125	54.57	cps
Sodium	23-2	20106	20323	19572	20000	1.93	cps
Strontium	86-1	500	533	475	503	5.82	cps
Strontium	88-1	150	217	175	181	18.65	cps
Sulfur	34-1	350921	347457	350475	349618	0.54	cps
Terbium	159-1	16157673	16478090	15919014	16184926	1.73	cps
Terbium	159-2	8976462	9036248	9369757	9127489	2.32	cps
Thallium	203-1	100	100	117	106	9.11	cps
Thallium	205-1	200	208	208	206	2.34	cps
Tin	118-1	1675	1767	1567	1670	6.00	cps
Titanium	47-1	125	83	92	100	22.05	cps
Uranium	238-1	42	33	117	64	71.84	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	13430844	13653259	13217673	13433925	1.62	cps
Yttrium	89-2	2121812	2164002	2233947	2173254	2.61	cps
Zinc	66-2	267	237	277	260	8.01	cps
Zirconium	90-1	1067	1392	1400	1286	14.78	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:52:12	DataFile Name :	017CCBE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	342	275	311	10.82	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9628367	9655346	9777819	9687177	0.82	cps
Antimony	121-1	12331	12089	11897	12106	1.80	cps
Arsenic	75-2	107	117	117	114	4.71	cps
Barium	135-1	3476	3476	3317	3423	2.67	cps
Barium	137-1	5651	5993	5968	5871	3.25	cps
Beryllium	9-1	483	506	461	483	4.60	cps
Bismuth	209-1	8531000	8438167	8158968	8376045	2.31	cps
Bismuth	209-2	5574001	5644955	5982783	5733913	3.81	cps
Boron	10-1	767	833	717	772	7.58	cps
Boron	11-1	4026	3884	4276	4062	4.88	cps
Cadmium	111-1	3736	3328	3209	3424	8.07	cps
Cadmium	106-1	4051	3676	3159	3628	12.34	cps
Cadmium	108-1	1792	1975	1825	1864	5.24	cps
Calcium	43-1	2853314	2877301	2862406	2864340	0.42	cps
Calcium	44-1	46061550	46516739	46394148	46324145	0.51	cps
Chromium	52-2	60657	61471	61628	61252	0.85	cps
Cobalt	59-2	5501	5965	6021	5829	4.90	cps
Copper	63-2	33395	33539	33665	33533	0.40	cps
Dysprosium	156-1	50	58	17	42	52.91	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	83	108	75	89	19.52	cps
Erbium	164-2	53	53	37	48	20.13	cps
Gadolinium	160-1	83	83	83	83	0.00	cps
Gadolinium	160-2	117	70	143	110	33.75	cps
Holmium	165-1	15971217	15925215	15350078	15748837	2.20	cps
Holmium	165-2	9305035	9451164	9808909	9521703	2.72	cps
Indium	115-1	12808942	12717378	12302725	12609682	2.14	cps
Indium	115-2	2816607	2866544	3001701	2894951	3.31	cps
Iron	56-2	258843022	260985106	266005462	261944530	1.40	cps
Iron	57-2	6235726	6324791	6426150	6328889	1.51	cps
Lead	206-1	32853	32541	31505	32299	2.18	cps
Lead	207-1	25308	25876	24457	25214	2.83	cps
Lead	208-1	122167	121224	117216	120202	2.19	cps
Lithium	6-1	3102540	3052176	2976923	3043879	2.08	cps
Magnesium	24-2	23016453	23108503	23304579	23143178	0.64	cps
Manganese	55-2	14094	13673	14728	14165	3.75	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5179127	5192448	5187877	5186484	0.13	cps
Molybdenum	95-1	9152323	9203797	9117306	9157808	0.48	cps
Molybdenum	96-1	9729527	9775509	9748811	9751282	0.24	cps
Molybdenum	97-1	5631867	5710761	5673166	5671931	0.70	cps
Molybdenum	98-1	14613510	14817494	14733972	14721658	0.70	cps
Neodymium	150-1	67	27	80	58	48.03	cps
Neodymium	150-2	23	33	37	31	22.31	cps
Nickel	60-2	6855	7028	7202	7028	2.47	cps
Phosphorus	31-2	506504	510147	514606	510419	0.80	cps
Potassium	39-2	22964141	23208920	23478076	23217045	1.11	cps
Rhodium	103-1	11292577	11239576	11003109	11178420	1.38	cps
Rhodium	103-2	5879173	5952503	6261718	6031131	3.37	cps
Scandium	45-1	8406267	8362254	8059774	8276098	2.28	cps
Scandium	45-2	393633	404765	423619	407339	3.72	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	83	76	78	79	4.87	cps
Selenium	82-1	79	83	43	68	32.42	cps
Silicon	28-1	485387	481866	479995	482416	0.57	cps
Silver	109-1	617	608	625	617	1.35	cps
Silver	107-1	617	767	733	706	11.16	cps
Sodium	23-2	43525578	43625744	44340580	43830634	1.01	cps
Strontium	86-1	103059	102314	103145	102839	0.44	cps
Strontium	88-1	897359	909559	900759	902559	0.70	cps
Sulfur	34-1	4317716	4377495	4349877	4348363	0.69	cps
Terbium	159-1	16681559	16477520	15981255	16380111	2.20	cps
Terbium	159-2	9306256	9454773	9842422	9534484	2.90	cps
Thallium	203-1	600	642	708	650	8.41	cps
Thallium	205-1	1567	1634	1342	1514	10.10	cps
Tin	118-1	2584	2442	2717	2581	5.33	cps
Titanium	47-1	2636049	2650393	2622226	2636223	0.53	cps
Uranium	238-1	408	492	458	453	9.26	cps
Vanadium	51-2	393	420	433	416	4.90	cps
Yttrium	89-1	13631807	13532825	13119171	13427935	2.03	cps
Yttrium	89-2	2177941	2223375	2321089	2240802	3.26	cps
Zinc	66-2	5511	5918	5648	5692	3.64	cps
Zirconium	90-1	6385	6043	5626	6018	6.31	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:55:45	DataFile Name :	018ICSA01_P7020618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467	1217	1192	1292	11.77	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10037959	10143831	10133021	10104937	0.58	cps
Antimony	121-1	199226	201442	198662	199777	0.74	cps
Arsenic	75-2	7044	7187	7111	7114	1.00	cps
Barium	135-1	51170	50886	50994	51017	0.28	cps
Barium	137-1	87341	89219	87869	88143	1.10	cps
Beryllium	9-1	33604	33766	32831	33400	1.50	cps
Bismuth	209-1	8206304	8448769	8585623	8413565	2.28	cps
Bismuth	209-2	5573535	5659608	5744475	5659206	1.51	cps
Boron	10-1	10846	11447	11605	11299	3.54	cps
Boron	11-1	55235	55443	56306	55661	1.02	cps
Cadmium	111-1	47336	47803	47375	47505	0.54	cps
Cadmium	106-1	9504	9921	9745	9723	2.15	cps
Cadmium	108-1	5660	5434	5601	5565	2.10	cps
Calcium	43-1	2984097	2977854	2980581	2980844	0.11	cps
Calcium	44-1	48423146	48455488	48360943	48413192	0.10	cps
Chromium	52-2	126164	127555	126638	126786	0.56	cps
Cobalt	59-2	106838	108161	108554	107851	0.83	cps
Copper	63-2	107887	107911	107400	107733	0.27	cps
Dysprosium	156-1	42	50	75	56	31.22	cps
Dysprosium	156-2	30	40	23	31	26.97	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	33	40	50	41	20.41	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	143	103	107	118	18.84	cps
Holmium	165-1	15628206	16042745	16228785	15966579	1.93	cps
Holmium	165-2	9423006	9519579	9626247	9522944	1.07	cps
Indium	115-1	12680086	13064151	13250745	12998327	2.24	cps
Indium	115-2	2873574	2910837	2941157	2908523	1.16	cps
Iron	56-2	273729934	274756462	272741367	273742588	0.37	cps
Iron	57-2	6591183	6635910	6617036	6614710	0.34	cps
Lead	206-1	160410	160386	157623	159473	1.00	cps
Lead	207-1	129153	131402	127890	129482	1.37	cps
Lead	208-1	606833	605200	601146	604393	0.48	cps
Lithium	6-1	3006818	3081983	3118867	3069223	1.86	cps
Magnesium	24-2	24253222	24335257	24340664	24309714	0.20	cps
Manganese	55-2	51918	51965	51901	51928	0.06	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5905737	5876777	5858905	5880473	0.40	cps
Molybdenum	95-1	9855658	9773770	9784921	9804783	0.45	cps
Molybdenum	96-1	10602861	10466996	10457702	10509186	0.77	cps
Molybdenum	97-1	6176125	6113428	6136792	6142115	0.52	cps
Molybdenum	98-1	15721276	15763120	15810631	15765009	0.28	cps
Neodymium	150-1	67	40	67	58	26.65	cps
Neodymium	150-2	27	37	23	29	24.03	cps
Nickel	60-2	33592	33348	33522	33487	0.37	cps
Phosphorus	31-2	528169	536108	532758	532345	0.75	cps
Potassium	39-2	24308339	24528368	24422130	24419612	0.45	cps
Rhodium	103-1	11249786	11561870	11787026	11532894	2.34	cps
Rhodium	103-2	5997093	6088357	6170410	6085287	1.42	cps
Scandium	45-1	8350295	8593528	8758689	8567504	2.40	cps
Scandium	45-2	406224	411216	419469	412303	1.62	cps
Selenium	77-2	147	160	97	134	24.83	cps
Selenium	78-2	524	543	546	538	2.21	cps
Selenium	82-1	2864	2715	2884	2821	3.27	cps
Silicon	28-1	821625	820841	819539	820668	0.13	cps
Silver	109-1	201819	203316	201508	202215	0.48	cps
Silver	107-1	212901	213579	213636	213372	0.19	cps
Sodium	23-2	46156196	46018722	46028565	46067827	0.17	cps
Strontium	86-1	278728	280134	279563	279475	0.25	cps
Strontium	88-1	2482337	2455443	2461269	2466350	0.57	cps
Sulfur	34-1	4443887	4471454	4499257	4471532	0.62	cps
Terbium	159-1	16165841	16637021	16894563	16565808	2.23	cps
Terbium	159-2	9411053	9525453	9596911	9511139	0.99	cps
Thallium	203-1	158163	161502	157108	158924	1.44	cps
Thallium	205-1	380132	380495	379653	380093	0.11	cps
Tin	118-1	427960	423900	425370	425743	0.48	cps
Titanium	47-1	2829304	2814370	2814315	2819330	0.31	cps
Uranium	238-1	1340654	1318928	1323839	1327807	0.86	cps
Vanadium	51-2	51844	53530	52838	52737	1.61	cps
Yttrium	89-1	13586075	13923432	14208811	13906106	2.24	cps
Yttrium	89-2	2230583	2259504	2276587	2255558	1.03	cps
Zinc	66-2	15502	15815	15488	15602	1.19	cps
Zirconium	90-1	949264	944883	946108	946752	0.24	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 15:59:18	DataFile Name :	019ICSB_P7020618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	214493	214086	212150	213577	0.59	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5526737	5560187	5585397	5557440	0.53	cps
Antimony	121-1	4734236	4725365	4729846	4729816	0.09	cps
Arsenic	75-2	176531	178207	178297	177678	0.56	cps
Barium	135-1	6068325	5986398	6001061	6018595	0.73	cps
Barium	137-1	10427112	10309853	10392995	10376654	0.58	cps
Beryllium	9-1	809512	807195	813044	809917	0.36	cps
Bismuth	209-1	7903102	7947613	7904250	7918322	0.32	cps
Bismuth	209-2	5434258	5473140	5471652	5459684	0.40	cps
Boron	10-1	91300	93270	94176	92915	1.58	cps
Boron	11-1	441642	452216	456097	449985	1.66	cps
Cadmium	111-1	1080458	1060634	1068157	1069749	0.94	cps
Cadmium	106-1	120140	117525	117795	118487	1.21	cps
Cadmium	108-1	80791	79170	79212	79724	1.16	cps
Calcium	43-1	7561016	7522912	7527985	7537304	0.27	cps
Calcium	44-1	122951494	121415428	121908457	122091793	0.64	cps
Chromium	52-2	1627069	1638145	1635554	1633589	0.35	cps
Cobalt	59-2	2533512	2522569	2528289	2528123	0.22	cps
Copper	63-2	3579900	3601619	3581665	3587728	0.34	cps
Dysprosium	156-1	117	58	92	89	32.92	cps
Dysprosium	156-2	60	60	43	54	17.68	cps
Erbium	164-1	125	100	50	92	41.66	cps
Erbium	164-2	50	50	43	48	8.06	cps
Gadolinium	160-1	83	50	58	64	27.15	cps
Gadolinium	160-2	100	90	140	110	24.05	cps
Holmium	165-1	15602873	15479622	15484600	15522365	0.45	cps
Holmium	165-2	9329102	9344017	9352970	9342030	0.13	cps
Indium	115-1	12448693	12496865	12415733	12453764	0.33	cps
Indium	115-2	2795828	2829985	2828419	2818077	0.68	cps
Iron	56-2	337635563	339163985	339218185	338672578	0.27	cps
Iron	57-2	8207566	8204248	8199560	8203791	0.05	cps
Lead	206-1	3073102	3029004	3027306	3043137	0.85	cps
Lead	207-1	2656656	2658495	2665867	2660339	0.18	cps
Lead	208-1	12155770	12176162	12180001	12170644	0.11	cps
Lithium	6-1	2967376	2955721	2965059	2962719	0.21	cps
Magnesium	24-2	61649612	61968062	62204187	61940620	0.45	cps
Manganese	55-2	1913534	1919223	1919080	1917279	0.17	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10174544	10084258	10028023	10095608	0.73	cps
Molybdenum	95-1	12456658	12363373	12339081	12386371	0.50	cps
Molybdenum	96-1	13795001	13663459	13694819	13717760	0.50	cps
Molybdenum	97-1	7798059	7749779	7726505	7758114	0.47	cps
Molybdenum	98-1	20020381	19930135	19852833	19934450	0.42	cps
Neodymium	150-1	460	407	440	436	6.19	cps
Neodymium	150-2	53	50	83	62	29.51	cps
Nickel	60-2	651731	651580	653167	652160	0.13	cps
Phosphorus	31-2	56048	56834	55839	56240	0.93	cps
Potassium	39-2	31406838	31668798	31390165	31488600	0.50	cps
Rhodium	103-1	11169306	11122668	11120782	11137585	0.25	cps
Rhodium	103-2	5843858	5898444	5886442	5876248	0.49	cps
Scandium	45-1	8653950	8645134	8600179	8633088	0.33	cps
Scandium	45-2	418621	421064	419514	419733	0.29	cps
Selenium	77-2	3504	3757	3617	3626	3.50	cps
Selenium	78-2	12179	12481	12574	12412	1.66	cps
Selenium	82-1	68682	68470	68375	68509	0.23	cps
Silicon	28-1	4308107	4574727	4706266	4529700	4.48	cps
Silver	109-1	5172249	5208765	5232949	5204654	0.59	cps
Silver	107-1	5376126	5779659	5467954	5541246	3.82	cps
Sodium	23-2	116867457	117139344	116637140	116881314	0.22	cps
Strontium	86-1	1646100	1634300	1621734	1634045	0.75	cps
Strontium	88-1	14641511	14536417	14519061	14565663	0.45	cps
Sulfur	34-1	754397	749033	742046	748492	0.83	cps
Terbium	159-1	16331006	16117646	16106255	16184969	0.78	cps
Terbium	159-2	9316597	9375128	9366907	9352877	0.34	cps
Thallium	203-1	3829521	3838916	3824494	3830977	0.19	cps
Thallium	205-1	9280589	9235619	9206889	9241032	0.40	cps
Tin	118-1	3907326	3884737	3877527	3889863	0.40	cps
Titanium	47-1	3549031	3520462	3515740	3528411	0.51	cps
Uranium	238-1	12380444	12284401	12413378	12359407	0.54	cps
Vanadium	51-2	1350739	1356986	1360263	1355996	0.36	cps
Yttrium	89-1	13815583	13796649	13694574	13768935	0.47	cps
Yttrium	89-2	2238834	2272366	2269072	2260091	0.82	cps
Zinc	66-2	482962	482324	483870	483052	0.16	cps
Zirconium	90-1	8533759	8451819	8473634	8486404	0.50	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:11:58	DataFile Name :	020CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1887136	1870720	1861417	1873091	0.70	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2092	2009	2186	10.95	cps
Antimony	121-1	19306	19898	20190	19798	2.28	cps
Arsenic	75-2	376	378	374	376	0.49	cps
Barium	135-1	22519	22536	21843	22299	1.77	cps
Barium	137-1	39791	38446	39131	39123	1.72	cps
Beryllium	9-1	1589	1550	1672	1604	3.89	cps
Bismuth	209-1	8637549	8595123	8610360	8614344	0.25	cps
Bismuth	209-2	6012096	6146626	6080153	6079625	1.11	cps
Boron	10-1	4443	4568	4634	4548	2.14	cps
Boron	11-1	22317	22576	23060	22651	1.67	cps
Cadmium	111-1	4517	4880	4481	4626	4.77	cps
Cadmium	106-1	3642	4101	3801	3848	6.05	cps
Cadmium	108-1	142	154	233	176	28.18	cps
Calcium	43-1	14416	14992	14716	14708	1.96	cps
Calcium	44-1	243362	241679	241775	242272	0.39	cps
Chromium	52-2	7599	7505	7335	7480	1.79	cps
Cobalt	59-2	5204	5631	5391	5409	3.96	cps
Copper	63-2	10801	10891	10751	10814	0.66	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	92	50	81	33.25	cps
Erbium	164-2	30	30	20	27	21.65	cps
Gadolinium	160-1	50	117	50	72	53.30	cps
Gadolinium	160-2	120	103	143	122	16.44	cps
Holmium	165-1	15809769	15698220	15604098	15704029	0.66	cps
Holmium	165-2	9769219	9833061	9795340	9799207	0.33	cps
Indium	115-1	13592782	13453042	13483460	13509761	0.54	cps
Indium	115-2	3090613	3134400	3117512	3114175	0.71	cps
Iron	56-2	141015	143775	142876	142555	0.99	cps
Iron	57-2	3534	3639	3567	3580	1.51	cps
Lead	206-1	6680	6563	6568	6604	1.00	cps
Lead	207-1	5824	5585	5807	5738	2.32	cps
Lead	208-1	26361	25605	26294	26087	1.61	cps
Lithium	6-1	2976468	2980524	2980484	2979159	0.08	cps
Magnesium	24-2	119482	118197	118455	118712	0.57	cps
Manganese	55-2	1880	1827	1954	1887	3.37	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19789	20165	19773	19909	1.11	cps
Molybdenum	95-1	24914	23211	22669	23598	4.96	cps
Molybdenum	96-1	25824	25507	25983	25771	0.94	cps
Molybdenum	97-1	14566	14842	14942	14783	1.31	cps
Molybdenum	98-1	38277	36999	37434	37570	1.73	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1487	1533	1577	1532	2.94	cps
Phosphorus	31-2	317	275	350	314	11.97	cps
Potassium	39-2	159968	160593	157645	159402	0.97	cps
Rhodium	103-1	12647473	12468459	12436588	12517507	0.91	cps
Rhodium	103-2	6769281	6812789	6775879	6785983	0.35	cps
Scandium	45-1	8999567	8943381	8937044	8959997	0.38	cps
Scandium	45-2	439884	446732	445075	443897	0.80	cps
Selenium	77-2	43	33	37	38	13.48	cps
Selenium	78-2	231	220	248	233	5.99	cps
Selenium	82-1	872	729	754	785	9.72	cps
Silicon	28-1	435228	432252	435685	434388	0.43	cps
Silver	109-1	10963	10905	11013	10960	0.49	cps
Silver	107-1	12523	11488	11672	11894	4.64	cps
Sodium	23-2	254569	254696	255992	255086	0.31	cps
Strontium	86-1	3567	3801	3601	3656	3.45	cps
Strontium	88-1	26600	26325	27269	26731	1.82	cps
Sulfur	34-1	334751	332099	329783	332211	0.75	cps
Terbium	159-1	16603232	16403363	16458400	16488332	0.63	cps
Terbium	159-2	9789852	9955818	9815794	9853821	0.91	cps
Thallium	203-1	7961	7886	7394	7747	3.98	cps
Thallium	205-1	18422	19290	17804	18505	4.03	cps
Tin	118-1	37969	38821	38537	38442	1.13	cps
Titanium	47-1	6768	6285	6827	6627	4.49	cps
Uranium	238-1	21310	21786	21394	21497	1.18	cps
Vanadium	51-2	12849	12959	12636	12815	1.28	cps
Yttrium	89-1	14514734	14404415	14340861	14420004	0.61	cps
Yttrium	89-2	2411245	2439812	2421463	2424174	0.60	cps
Zinc	66-2	1290	1250	1327	1289	2.98	cps
Zirconium	90-1	19439	19213	18938	19197	1.31	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:26:29	DataFile Name :	022LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4626	4393	4234	4418	4.46	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	108	97	13.09	cps
Antimony	121-1	1025	1017	1100	1047	4.38	cps
Arsenic	75-2	22	11	15	16	35.26	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	83	67	50	67	25.00	cps
Beryllium	9-1	89	100	61	83	24.04	cps
Bismuth	209-1	8703470	8805217	8373142	8627276	2.62	cps
Bismuth	209-2	6164029	5720203	6092949	5992394	3.98	cps
Boron	10-1	767	783	500	683	23.27	cps
Boron	11-1	3509	3551	3442	3501	1.56	cps
Cadmium	111-1	2851	2883	2619	2784	5.18	cps
Cadmium	106-1	4067	4117	3717	3967	5.50	cps
Cadmium	108-1	13	17	0	10	89.22	cps
Calcium	43-1	242	250	325	272	16.86	cps
Calcium	44-1	13924	14032	13607	13854	1.60	cps
Chromium	52-2	403	483	453	447	9.05	cps
Cobalt	59-2	150	147	160	152	4.56	cps
Copper	63-2	3517	3240	3347	3368	4.14	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	100	33	64	52.71	cps
Erbium	164-2	43	50	33	42	19.87	cps
Gadolinium	160-1	100	58	50	69	38.58	cps
Gadolinium	160-2	137	103	120	120	13.89	cps
Holmium	165-1	15929434	15886550	15476552	15764179	1.59	cps
Holmium	165-2	9914952	9195728	9765177	9625286	3.94	cps
Indium	115-1	13770803	13735093	13332524	13612807	1.79	cps
Indium	115-2	3180037	2933750	3145299	3086362	4.32	cps
Iron	56-2	6346	6179	6246	6257	1.34	cps
Iron	57-2	300	267	233	267	12.50	cps
Lead	206-1	656	528	583	589	10.88	cps
Lead	207-1	478	350	561	463	22.97	cps
Lead	208-1	2395	2156	2217	2256	5.50	cps
Lithium	6-1	3008200	3007882	2941930	2986004	1.28	cps
Magnesium	24-2	558	600	542	567	5.30	cps
Manganese	55-2	70	43	57	57	23.53	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	742	883	786	10.72	cps
Molybdenum	95-1	650	567	542	586	9.68	cps
Molybdenum	96-1	767	717	658	714	7.60	cps
Molybdenum	97-1	292	333	425	350	19.49	cps
Molybdenum	98-1	808	875	892	858	5.14	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	47	40	38	26.95	cps
Phosphorus	31-2	400	308	433	381	17.01	cps
Potassium	39-2	42437	42127	41969	42178	0.56	cps
Rhodium	103-1	12912761	12767626	12405599	12695329	2.06	cps
Rhodium	103-2	6927037	6402193	6797863	6709031	4.08	cps
Scandium	45-1	9182460	9245271	8926409	9118046	1.85	cps
Scandium	45-2	457309	421715	445197	441407	4.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	96	102	119	106	10.96	cps
Selenium	82-1	102	116	36	85	50.41	cps
Silicon	28-1	356884	357065	356711	356887	0.05	cps
Silver	109-1	208	250	350	269	27.02	cps
Silver	107-1	383	258	458	367	27.56	cps
Sodium	23-2	30716	30599	30348	30554	0.61	cps
Strontium	86-1	475	525	483	494	5.42	cps
Strontium	88-1	192	258	142	197	29.68	cps
Sulfur	34-1	344287	344618	340920	343275	0.60	cps
Terbium	159-1	16885870	16659742	16247618	16597744	1.95	cps
Terbium	159-2	10009635	9291033	9870960	9723876	3.92	cps
Thallium	203-1	533	517	475	508	5.91	cps
Thallium	205-1	917	925	1000	947	4.85	cps
Tin	118-1	5657	1475	1567	2900	82.36	cps
Titanium	47-1	233	200	175	203	14.43	cps
Uranium	238-1	67	75	42	61	28.38	cps
Vanadium	51-2	13	17	13	14	13.35	cps
Yttrium	89-1	14691721	14669349	14243309	14534793	1.74	cps
Yttrium	89-2	2470552	2278512	2433075	2394046	4.25	cps
Zinc	66-2	233	220	240	231	4.41	cps
Zirconium	90-1	1667	1508	1400	1525	8.80	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:30:00	DataFile Name :	023CCBE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	358	308	342	8.45	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	2484	2200	2256	9.12	cps
Antimony	121-1	19665	19564	19856	19695	0.75	cps
Arsenic	75-2	357	352	369	359	2.36	cps
Barium	135-1	22452	23228	22394	22692	2.05	cps
Barium	137-1	40034	39599	39649	39761	0.60	cps
Beryllium	9-1	1739	1756	1633	1709	3.88	cps
Bismuth	209-1	8676891	9184218	8832190	8897766	2.92	cps
Bismuth	209-2	6215168	6220316	6179737	6205074	0.36	cps
Boron	10-1	4251	4893	4476	4540	7.17	cps
Boron	11-1	22159	22609	23152	22640	2.20	cps
Cadmium	111-1	5226	4995	4923	5048	3.13	cps
Cadmium	106-1	4251	4059	4084	4131	2.52	cps
Cadmium	108-1	167	163	158	163	2.56	cps
Calcium	43-1	15108	15283	15192	15194	0.58	cps
Calcium	44-1	253682	252155	252488	252775	0.32	cps
Chromium	52-2	7359	7665	7882	7635	3.45	cps
Cobalt	59-2	5635	5614	5688	5646	0.67	cps
Copper	63-2	11331	11485	11588	11468	1.13	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	40	43	53	46	15.23	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	100	83	107	97	12.44	cps
Holmium	165-1	15923602	16542195	15993907	16153235	2.10	cps
Holmium	165-2	9986167	9908709	9911314	9935397	0.44	cps
Indium	115-1	13657932	14230274	13725400	13871202	2.25	cps
Indium	115-2	3178618	3144606	3172423	3165216	0.57	cps
Iron	56-2	146664	147551	149244	147820	0.89	cps
Iron	57-2	3840	3856	3934	3877	1.30	cps
Lead	206-1	6819	6630	6874	6774	1.89	cps
Lead	207-1	5840	5774	5679	5764	1.40	cps
Lead	208-1	26311	26272	26011	26198	0.62	cps
Lithium	6-1	3052681	3138924	3052698	3081434	1.62	cps
Magnesium	24-2	125168	122824	127111	125034	1.72	cps
Manganese	55-2	2054	2134	2214	2134	3.75	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20691	20808	20349	20616	1.16	cps
Molybdenum	95-1	23946	23988	24388	24107	1.01	cps
Molybdenum	96-1	26442	26417	26233	26364	0.43	cps
Molybdenum	97-1	14441	15075	14641	14719	2.20	cps
Molybdenum	98-1	38520	37383	38077	37993	1.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1477	1583	1490	1517	3.83	cps
Phosphorus	31-2	333	375	367	358	6.15	cps
Potassium	39-2	166922	164232	167400	166185	1.03	cps
Rhodium	103-1	12782334	13314967	12842686	12979996	2.25	cps
Rhodium	103-2	6944600	6890300	6876238	6903713	0.52	cps
Scandium	45-1	9108633	9559752	9311549	9326645	2.42	cps
Scandium	45-2	452133	453540	453829	453167	0.20	cps
Selenium	77-2	37	53	17	36	51.62	cps
Selenium	78-2	222	202	198	207	6.25	cps
Selenium	82-1	690	794	789	758	7.72	cps
Silicon	28-1	446719	446302	447934	446985	0.19	cps
Silver	109-1	11655	10871	11355	11294	3.50	cps
Silver	107-1	12022	11547	12014	11861	2.29	cps
Sodium	23-2	260399	261654	262400	261484	0.39	cps
Strontium	86-1	3584	3342	3276	3401	4.77	cps
Strontium	88-1	28897	27394	27619	27970	2.90	cps
Sulfur	34-1	347023	348371	355938	350444	1.37	cps
Terbium	159-1	16625707	17381253	16781751	16929570	2.36	cps
Terbium	159-2	10070759	9962451	10032812	10022007	0.55	cps
Thallium	203-1	7811	8211	8095	8039	2.56	cps
Thallium	205-1	19632	19114	18464	19070	3.07	cps
Tin	118-1	39824	39924	39038	39595	1.23	cps
Titanium	47-1	6902	6785	7310	6999	3.94	cps
Uranium	238-1	21369	22712	22128	22070	3.05	cps
Vanadium	51-2	13353	13256	13673	13427	1.63	cps
Yttrium	89-1	14574613	15330453	14700157	14868407	2.72	cps
Yttrium	89-2	2475817	2446640	2460275	2460911	0.59	cps
Zinc	66-2	1473	1220	1313	1336	9.59	cps
Zirconium	90-1	19305	19581	18980	19289	1.56	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 16:33:32	DataFile Name :	024SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4201	4184	4376	4254	2.50	cps

LB Number : LB93138 Operator : Jaswal
 Lab Sample ID : J1161-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-06 17:00:28 DataFile Name : 031SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	550	625	625	12.00	cps
Antimony	121-1	2434	2659	2492	2528	4.62	cps
Arsenic	75-2	119	96	80	98	19.88	cps
Barium	135-1	2850	2575	2984	2803	7.43	cps
Barium	137-1	5059	5035	5176	5090	1.49	cps
Beryllium	9-1	439	461	506	469	7.25	cps
Bismuth	209-1	8835615	8654351	8654807	8714924	1.20	cps
Bismuth	209-2	6151255	6156725	6088857	6132279	0.61	cps
Boron	10-1	842	700	600	714	17.01	cps
Boron	11-1	3242	3367	3334	3314	1.95	cps
Cadmium	111-1	3344	3162	3299	3268	2.90	cps
Cadmium	106-1	3976	3776	4042	3931	3.53	cps
Cadmium	108-1	50	50	50	50	0.00	cps
Calcium	43-1	858	992	1058	970	10.50	cps
Calcium	44-1	24337	24864	25072	24758	1.53	cps
Chromium	52-2	1333	1343	1317	1331	1.01	cps
Cobalt	59-2	1563	1490	1500	1518	2.62	cps
Copper	63-2	5318	5174	5201	5231	1.46	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	30	30	13	24	39.37	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	110	103	117	110	6.06	cps
Holmium	165-1	16062411	15931317	15973335	15989021	0.42	cps
Holmium	165-2	9992758	9857243	9848272	9899424	0.82	cps
Indium	115-1	13846405	13727988	13786034	13786809	0.43	cps
Indium	115-2	3171911	3128272	3126987	3142390	0.81	cps
Iron	56-2	39459	40361	40924	40248	1.84	cps
Iron	57-2	1039	1128	1200	1122	7.19	cps
Lead	206-1	1872	1778	1872	1841	2.96	cps
Lead	207-1	1461	1500	1689	1550	7.86	cps
Lead	208-1	6979	7190	7229	7132	1.89	cps
Lithium	6-1	3105684	3082040	3066909	3084878	0.63	cps
Magnesium	24-2	6885	7060	6427	6791	4.82	cps
Manganese	55-2	1050	1093	1210	1118	7.40	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:00:28	DataFile Name :	031SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5426	5251	4818	5165	6.07	cps
Molybdenum	95-1	6068	6093	5960	6040	1.17	cps
Molybdenum	96-1	7060	6643	6952	6885	3.14	cps
Molybdenum	97-1	3917	4184	3817	3973	4.77	cps
Molybdenum	98-1	9846	9837	10287	9990	2.58	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	423	400	403	409	3.09	cps
Phosphorus	31-2	325	317	258	300	12.11	cps
Potassium	39-2	43540	42554	44401	43498	2.12	cps
Rhodium	103-1	12913489	12719579	12838207	12823759	0.76	cps
Rhodium	103-2	6974601	6854119	6879467	6902729	0.92	cps
Scandium	45-1	9342927	9233279	9169377	9248528	0.95	cps
Scandium	45-2	451971	444916	448240	448375	0.79	cps
Selenium	77-2	23	27	40	30	29.40	cps
Selenium	78-2	183	196	209	196	6.60	cps
Selenium	82-1	595	614	512	574	9.45	cps
Silicon	28-1	362075	361622	363226	362308	0.23	cps
Silver	109-1	2850	2734	3059	2881	5.72	cps
Silver	107-1	3176	2900	3000	3025	4.60	cps
Sodium	23-2	34716	35543	34608	34956	1.46	cps
Strontium	86-1	1325	1417	1333	1358	3.73	cps
Strontium	88-1	7035	7002	7160	7066	1.18	cps
Sulfur	34-1	358362	357517	354871	356917	0.51	cps
Terbium	159-1	16893402	16752652	16739281	16795112	0.51	cps
Terbium	159-2	10056151	9922733	9915179	9964687	0.80	cps
Thallium	203-1	2159	1959	2317	2145	8.37	cps
Thallium	205-1	4901	4834	4951	4896	1.20	cps
Tin	118-1	3376	2975	3092	3148	6.54	cps
Titanium	47-1	1725	1800	1867	1797	3.94	cps
Uranium	238-1	5443	5560	5460	5488	1.15	cps
Vanadium	51-2	643	713	697	684	5.34	cps
Yttrium	89-1	14822511	14670999	14745034	14746182	0.51	cps
Yttrium	89-2	2466277	2436029	2447171	2449826	0.62	cps
Zinc	66-2	477	440	477	464	4.56	cps
Zirconium	90-1	4801	4593	4468	4620	3.65	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:00:28	DataFile Name :	031SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	1067	1000	1039	3.34	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3884	4076	4926	4295	12.91	cps
Antimony	121-1	37902	38972	36548	37807	3.21	cps
Arsenic	75-2	741	696	804	747	7.23	cps
Barium	135-1	47114	46378	45509	46334	1.73	cps
Barium	137-1	80408	80407	77216	79344	2.32	cps
Beryllium	9-1	3445	3462	3317	3408	2.32	cps
Bismuth	209-1	8884094	8766209	8470979	8707094	2.44	cps
Bismuth	209-2	5248034	5596063	6205275	5683124	8.53	cps
Boron	10-1	8853	9161	9036	9017	1.72	cps
Boron	11-1	42602	42928	45010	43513	3.00	cps
Cadmium	111-1	7060	7092	7055	7069	0.28	cps
Cadmium	106-1	4126	4134	4301	4187	2.36	cps
Cadmium	108-1	363	338	258	319	17.02	cps
Calcium	43-1	29823	30816	29773	30137	1.95	cps
Calcium	44-1	490975	498682	491717	493791	0.86	cps
Chromium	52-2	13526	13343	14751	13873	5.52	cps
Cobalt	59-2	9817	10130	11028	10325	6.09	cps
Copper	63-2	16990	17965	19333	18096	6.50	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	108	75	100	94	18.37	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-1	83	75	50	69	24.98	cps
Gadolinium	160-2	110	73	93	92	19.91	cps
Holmium	165-1	16182082	15939861	15673381	15931774	1.60	cps
Holmium	165-2	8584494	9078599	10082569	9248554	8.25	cps
Indium	115-1	13836505	13721639	13391539	13649894	1.69	cps
Indium	115-2	2725775	2883482	3186156	2931804	7.98	cps
Iron	56-2	262269	263824	289225	271773	5.57	cps
Iron	57-2	6707	6663	7491	6954	6.70	cps
Lead	206-1	12484	13062	12195	12580	3.51	cps
Lead	207-1	11161	10966	10227	10784	4.57	cps
Lead	208-1	50734	50411	48404	49850	2.53	cps
Lithium	6-1	3134470	3083925	3042516	3086971	1.49	cps
Magnesium	24-2	229149	227205	251165	235839	5.64	cps
Manganese	55-2	3667	3974	4127	3923	5.97	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38879	39990	39096	39322	1.50	cps
Molybdenum	95-1	48500	46000	46936	47145	2.68	cps
Molybdenum	96-1	52941	54329	52531	53267	1.77	cps
Molybdenum	97-1	29757	29832	29331	29640	0.91	cps
Molybdenum	98-1	78282	76070	74437	76263	2.53	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2780	2697	3200	2893	9.33	cps
Phosphorus	31-2	283	325	367	325	12.82	cps
Potassium	39-2	268505	268199	288732	275145	4.28	cps
Rhodium	103-1	12870021	12829700	12562957	12754226	1.31	cps
Rhodium	103-2	5876233	6274153	6991977	6380788	8.86	cps
Scandium	45-1	9337751	9276951	8970660	9195121	2.14	cps
Scandium	45-2	389071	412098	457924	419698	8.35	cps
Selenium	77-2	57	63	67	62	8.18	cps
Selenium	78-2	333	378	313	341	9.71	cps
Selenium	82-1	1680	1519	1567	1589	5.19	cps
Silicon	28-1	539521	537175	536812	537836	0.27	cps
Silver	109-1	23712	22853	22135	22900	3.45	cps
Silver	107-1	24063	23629	23328	23673	1.56	cps
Sodium	23-2	448277	448883	489201	462120	5.08	cps
Strontium	86-1	7311	6693	7419	7141	5.48	cps
Strontium	88-1	56772	56412	56018	56401	0.67	cps
Sulfur	34-1	354500	353658	350341	352833	0.62	cps
Terbium	159-1	16963799	16692139	16414329	16690089	1.65	cps
Terbium	159-2	8667620	9131726	10072756	9290701	7.71	cps
Thallium	203-1	15276	15301	14509	15029	3.00	cps
Thallium	205-1	37455	36577	36527	36853	1.42	cps
Tin	118-1	78998	77170	77070	77746	1.40	cps
Titanium	47-1	14399	14199	13665	14088	2.69	cps
Uranium	238-1	44202	44879	43341	44141	1.75	cps
Vanadium	51-2	23816	24704	27159	25226	6.86	cps
Yttrium	89-1	14848737	14668498	14314011	14610415	1.86	cps
Yttrium	89-2	2113758	2220335	2482146	2272080	8.34	cps
Zinc	66-2	2297	2150	2517	2321	7.95	cps
Zirconium	90-1	36063	34041	34960	35022	2.89	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:04:01	DataFile Name :	032SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8311	7369	7844	7841	6.01	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	642	525	617	594	10.33	cps
Antimony	121-1	2817	2750	2550	2706	5.13	cps
Arsenic	75-2	109	115	98	107	7.90	cps
Barium	135-1	3034	2525	2667	2742	9.57	cps
Barium	137-1	4968	5343	4543	4951	8.09	cps
Beryllium	9-1	456	456	500	470	5.46	cps
Bismuth	209-1	8556983	8627114	9051609	8745236	3.06	cps
Bismuth	209-2	5947799	6060919	6368438	6125719	3.55	cps
Boron	10-1	942	933	967	947	1.83	cps
Boron	11-1	4426	4468	4392	4429	0.85	cps
Cadmium	111-1	3203	3114	3526	3281	6.60	cps
Cadmium	106-1	3676	3709	4234	3873	8.09	cps
Cadmium	108-1	46	58	67	57	18.42	cps
Calcium	43-1	1117	1108	1017	1081	5.14	cps
Calcium	44-1	24805	24480	24305	24530	1.04	cps
Chromium	52-2	1347	1297	1363	1336	2.60	cps
Cobalt	59-2	1407	1507	1510	1475	3.98	cps
Copper	63-2	5328	5321	5251	5300	0.80	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	17	25	33	66.14	cps
Erbium	164-2	27	37	37	33	17.32	cps
Gadolinium	160-1	75	92	108	92	18.18	cps
Gadolinium	160-2	133	100	103	112	16.36	cps
Holmium	165-1	15694956	15899788	16544386	16046377	2.76	cps
Holmium	165-2	9723401	9891174	10093793	9902789	1.87	cps
Indium	115-1	13486415	13531744	14189156	13735772	2.86	cps
Indium	115-2	3083733	3136763	3187626	3136040	1.66	cps
Iron	56-2	39854	40317	38668	39613	2.15	cps
Iron	57-2	995	1117	1033	1048	5.96	cps
Lead	206-1	1811	1861	2022	1898	5.81	cps
Lead	207-1	1628	1428	1489	1515	6.77	cps
Lead	208-1	7195	7201	7173	7190	0.20	cps
Lithium	6-1	3085593	3070400	3182199	3112731	1.95	cps
Magnesium	24-2	6310	6843	6994	6716	5.35	cps
Manganese	55-2	1177	1063	997	1079	8.44	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4976	5201	4893	5023	3.18	cps
Molybdenum	95-1	5985	6552	6185	6241	4.61	cps
Molybdenum	96-1	7119	6885	6710	6905	2.97	cps
Molybdenum	97-1	3426	4084	3609	3706	9.17	cps
Molybdenum	98-1	9620	9437	10062	9706	3.31	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	397	443	447	429	6.52	cps
Phosphorus	31-2	275	317	350	314	11.97	cps
Potassium	39-2	44125	44000	42721	43615	1.78	cps
Rhodium	103-1	12667228	12641759	13273718	12860901	2.78	cps
Rhodium	103-2	6742405	6892411	7021519	6885445	2.03	cps
Scandium	45-1	9098478	9086313	9530857	9238549	2.74	cps
Scandium	45-2	443914	453361	456683	451319	1.47	cps
Selenium	77-2	30	20	30	27	21.65	cps
Selenium	78-2	213	196	202	204	4.17	cps
Selenium	82-1	627	608	588	608	3.20	cps
Silicon	28-1	360092	367201	363857	363717	0.98	cps
Silver	109-1	2859	2800	2884	2848	1.50	cps
Silver	107-1	2859	2967	3292	3039	7.42	cps
Sodium	23-2	35234	35877	34624	35245	1.78	cps
Strontium	86-1	1183	1225	1200	1203	1.74	cps
Strontium	88-1	7261	7135	6852	7083	2.96	cps
Sulfur	34-1	355197	358337	363100	358878	1.11	cps
Terbium	159-1	16507859	16668490	17385227	16853859	2.77	cps
Terbium	159-2	9791708	9976498	10154289	9974165	1.82	cps
Thallium	203-1	1975	2159	1750	1961	10.43	cps
Thallium	205-1	4743	4876	5076	4898	3.43	cps
Tin	118-1	3334	3051	3292	3226	4.74	cps
Titanium	47-1	2142	2109	1834	2028	8.34	cps
Uranium	238-1	5518	5777	5585	5626	2.38	cps
Vanadium	51-2	623	700	710	678	7.00	cps
Yttrium	89-1	14529540	14494341	15191903	14738595	2.67	cps
Yttrium	89-2	2396740	2447910	2488568	2444406	1.88	cps
Zinc	66-2	477	530	533	513	6.19	cps
Zirconium	90-1	4701	4601	4426	4576	3.04	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:07:33	DataFile Name :	033SMPL_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1058	925	1014	7.59	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5733589	5759779	5739909	5744425	0.24	cps
Antimony	121-1	4744046	4709589	4728602	4727412	0.37	cps
Arsenic	75-2	179898	180493	180113	180168	0.17	cps
Barium	135-1	6008286	5999015	5984760	5997354	0.20	cps
Barium	137-1	10431924	10384848	10388800	10401858	0.25	cps
Beryllium	9-1	831187	829975	825725	828962	0.35	cps
Bismuth	209-1	7925658	7888266	7886721	7900215	0.28	cps
Bismuth	209-2	5415126	5381195	5345551	5380624	0.65	cps
Boron	10-1	96432	97897	99551	97960	1.59	cps
Boron	11-1	464100	469994	472078	468724	0.88	cps
Cadmium	111-1	1071732	1070798	1069899	1070810	0.09	cps
Cadmium	106-1	120912	118887	119677	119825	0.85	cps
Cadmium	108-1	80523	79727	78566	79605	1.24	cps
Calcium	43-1	7684969	7678224	7697439	7686877	0.13	cps
Calcium	44-1	124419974	123700599	124252890	124124487	0.30	cps
Chromium	52-2	1644002	1651979	1659750	1651910	0.48	cps
Cobalt	59-2	2539241	2555176	2556511	2550309	0.38	cps
Copper	63-2	3581615	3598535	3608960	3596370	0.38	cps
Dysprosium	156-1	133	67	100	100	33.33	cps
Dysprosium	156-2	57	50	60	56	9.17	cps
Erbium	164-1	142	108	83	111	26.34	cps
Erbium	164-2	40	60	50	50	20.00	cps
Gadolinium	160-1	117	108	100	108	7.69	cps
Gadolinium	160-2	110	160	130	133	18.87	cps
Holmium	165-1	15657136	15568747	15424089	15549991	0.76	cps
Holmium	165-2	9495600	9413822	9347175	9418866	0.79	cps
Indium	115-1	12645863	12644796	12556595	12615752	0.41	cps
Indium	115-2	2870606	2862059	2846591	2859752	0.43	cps
Iron	56-2	346834308	346922486	345913374	346556723	0.16	cps
Iron	57-2	8404068	8380734	8407080	8397294	0.17	cps
Lead	206-1	3006147	2965647	2959558	2977117	0.85	cps
Lead	207-1	2617697	2580417	2603043	2600385	0.72	cps
Lead	208-1	11956940	11822017	11890693	11889883	0.57	cps
Lithium	6-1	3045120	3016721	3025939	3029260	0.48	cps
Magnesium	24-2	63322074	63598301	63419606	63446660	0.22	cps
Manganese	55-2	1938249	1953414	1944245	1945303	0.39	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10189580	10173640	10182156	10181792	0.08	cps
Molybdenum	95-1	12522034	12500304	12516376	12512905	0.09	cps
Molybdenum	96-1	13866503	13853025	13849892	13856473	0.06	cps
Molybdenum	97-1	7840111	7815170	7801265	7818849	0.25	cps
Molybdenum	98-1	20241142	20075758	20131110	20149337	0.42	cps
Neodymium	150-1	453	427	413	431	4.73	cps
Neodymium	150-2	63	97	60	73	27.65	cps
Nickel	60-2	652280	660547	655934	656254	0.63	cps
Phosphorus	31-2	56291	56633	55663	56196	0.88	cps
Potassium	39-2	32270521	32506504	32482588	32419871	0.40	cps
Rhodium	103-1	11394780	11326269	11303503	11341517	0.42	cps
Rhodium	103-2	5935422	5914930	5870555	5906969	0.56	cps
Scandium	45-1	8859760	8894332	8766715	8840269	0.75	cps
Scandium	45-2	431209	428337	423653	427733	0.89	cps
Selenium	77-2	3707	3697	3621	3675	1.29	cps
Selenium	78-2	12847	12663	12669	12726	0.82	cps
Selenium	82-1	69202	68677	68778	68886	0.40	cps
Silicon	28-1	4421342	4599920	4672243	4564502	2.83	cps
Silver	109-1	5723172	5548864	4668854	5313630	10.64	cps
Silver	107-1	4688917	5801421	7034546	5841628	20.09	cps
Sodium	23-2	118999373	119127065	119775382	119300607	0.35	cps
Strontium	86-1	1639641	1650851	1642723	1644405	0.35	cps
Strontium	88-1	14717966	14713141	14751517	14727541	0.14	cps
Sulfur	34-1	763210	761495	759319	761341	0.26	cps
Terbium	159-1	16262426	16248910	16106285	16205874	0.53	cps
Terbium	159-2	9532266	9439772	9388896	9453645	0.77	cps
Thallium	203-1	3766897	3766815	3698311	3744008	1.06	cps
Thallium	205-1	9171214	9054239	9010805	9078753	0.91	cps
Tin	118-1	3893225	3856723	3852401	3867450	0.58	cps
Titanium	47-1	3613026	3571442	3562286	3582251	0.75	cps
Uranium	238-1	12162813	12214421	12164571	12180602	0.24	cps
Vanadium	51-2	1371696	1375113	1376573	1374461	0.18	cps
Yttrium	89-1	14004507	13985995	13953710	13981404	0.18	cps
Yttrium	89-2	2309532	2293619	2296570	2299907	0.37	cps
Zinc	66-2	485988	489608	490987	488861	0.53	cps
Zirconium	90-1	8543705	8501523	8597159	8547462	0.56	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:21:02	DataFile Name :	036CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1874322	1865902	1875656	1871960	0.28	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2342	2192	2275	2270	3.31	cps
Antimony	121-1	22060	22110	22769	22313	1.77	cps
Arsenic	75-2	387	420	431	413	5.60	cps
Barium	135-1	22536	22444	22519	22500	0.22	cps
Barium	137-1	39373	38338	38053	38588	1.80	cps
Beryllium	9-1	1861	1706	1745	1771	4.57	cps
Bismuth	209-1	8650321	8753559	8799710	8734530	0.88	cps
Bismuth	209-2	6077703	6150840	6002648	6077064	1.22	cps
Boron	10-1	5351	5710	5585	5548	3.28	cps
Boron	11-1	27601	27292	27584	27493	0.63	cps
Cadmium	111-1	4749	4828	5010	4862	2.76	cps
Cadmium	106-1	3917	3876	4284	4026	5.58	cps
Cadmium	108-1	188	188	204	193	4.98	cps
Calcium	43-1	14766	14816	14725	14769	0.31	cps
Calcium	44-1	251242	248386	245083	248237	1.24	cps
Chromium	52-2	7629	7619	7692	7647	0.52	cps
Cobalt	59-2	5474	5584	5321	5460	2.42	cps
Copper	63-2	10838	10070	10347	10418	3.73	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	92	108	42	81	43.07	cps
Erbium	164-2	23	60	50	44	42.65	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	110	107	127	114	9.36	cps
Holmium	165-1	15778868	15996928	16096527	15957441	1.02	cps
Holmium	165-2	9886106	9967885	9719873	9857954	1.28	cps
Indium	115-1	13478123	13694656	13749803	13640861	1.05	cps
Indium	115-2	3127775	3176528	3099319	3134541	1.25	cps
Iron	56-2	148870	151455	150362	150229	0.86	cps
Iron	57-2	4001	3945	3967	3971	0.70	cps
Lead	206-1	6785	6869	6318	6657	4.45	cps
Lead	207-1	5701	6124	5963	5929	3.60	cps
Lead	208-1	27073	27117	26050	26747	2.26	cps
Lithium	6-1	3128794	3138840	3151291	3139642	0.36	cps
Magnesium	24-2	122842	122841	126304	123996	1.61	cps
Manganese	55-2	2050	2134	2070	2085	2.09	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21434	21033	21742	21403	1.66	cps
Molybdenum	95-1	24822	25156	25240	25073	0.88	cps
Molybdenum	96-1	27369	27511	27486	27455	0.28	cps
Molybdenum	97-1	15592	15918	15492	15667	1.42	cps
Molybdenum	98-1	39230	39272	39848	39450	0.88	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1470	1777	1567	1605	9.77	cps
Phosphorus	31-2	317	350	267	311	13.48	cps
Potassium	39-2	168252	170696	171228	170059	0.93	cps
Rhodium	103-1	12637666	12642984	12811825	12697492	0.78	cps
Rhodium	103-2	6904230	6889482	6751468	6848393	1.23	cps
Scandium	45-1	9098484	9212029	9269832	9193449	0.95	cps
Scandium	45-2	446229	455503	442738	448157	1.47	cps
Selenium	77-2	50	50	57	52	7.37	cps
Selenium	78-2	224	211	256	230	9.93	cps
Selenium	82-1	767	802	859	809	5.75	cps
Silicon	28-1	440441	440070	444309	441607	0.53	cps
Silver	109-1	13832	14575	14775	14394	3.45	cps
Silver	107-1	14099	14875	15109	14694	3.60	cps
Sodium	23-2	281053	278702	280846	280200	0.46	cps
Strontium	86-1	3567	3967	3384	3640	8.20	cps
Strontium	88-1	27527	27135	28304	27655	2.15	cps
Sulfur	34-1	341961	341735	338877	340858	0.50	cps
Terbium	159-1	16547723	16680826	16921511	16716687	1.13	cps
Terbium	159-2	9987149	10011750	9859992	9952963	0.82	cps
Thallium	203-1	8286	7761	7594	7881	4.58	cps
Thallium	205-1	18981	18839	17629	18483	4.02	cps
Tin	118-1	39657	39665	39624	39649	0.06	cps
Titanium	47-1	6910	7119	6969	6999	1.54	cps
Uranium	238-1	22537	21310	22212	22020	2.89	cps
Vanadium	51-2	12999	13380	13350	13243	1.60	cps
Yttrium	89-1	14460997	14665531	14775854	14634127	1.09	cps
Yttrium	89-2	2426176	2451140	2411758	2429691	0.82	cps
Zinc	66-2	1327	1553	1360	1413	8.66	cps
Zirconium	90-1	20365	20057	19155	19859	3.17	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:32:04	DataFile Name :	037LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4884	4192	4826	4634	8.28	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	83	125	111	21.65	cps
Antimony	121-1	1925	2117	2225	2089	7.27	cps
Arsenic	75-2	17	17	7	14	39.36	cps
Barium	135-1	75	33	117	75	55.56	cps
Barium	137-1	83	108	92	94	13.48	cps
Beryllium	9-1	217	161	167	181	16.86	cps
Bismuth	209-1	8558327	8655464	8695192	8636328	0.82	cps
Bismuth	209-2	6477000	6115793	5981070	6191288	4.14	cps
Boron	10-1	1283	1325	1050	1220	12.15	cps
Boron	11-1	5910	5843	5376	5710	5.09	cps
Cadmium	111-1	2771	2658	2754	2728	2.24	cps
Cadmium	106-1	3909	3776	3909	3865	1.99	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	225	208	200	211	6.03	cps
Calcium	44-1	12639	13123	13207	12990	2.36	cps
Chromium	52-2	453	503	580	512	12.46	cps
Cobalt	59-2	153	97	117	122	23.51	cps
Copper	63-2	2494	2577	2554	2541	1.69	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	20	7	10	88.20	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	97	90	77	88	11.60	cps
Holmium	165-1	15798864	15878392	15917666	15864974	0.38	cps
Holmium	165-2	10299868	9938974	9811790	10016877	2.53	cps
Indium	115-1	13512156	13755935	13711745	13659945	0.95	cps
Indium	115-2	3274891	3176293	3135558	3195581	2.24	cps
Iron	56-2	7663	7308	7541	7504	2.41	cps
Iron	57-2	294	344	333	324	8.10	cps
Lead	206-1	717	767	628	704	10.00	cps
Lead	207-1	633	544	594	591	7.54	cps
Lead	208-1	2750	2756	2739	2748	0.31	cps
Lithium	6-1	3115927	3123911	3125796	3121878	0.17	cps
Magnesium	24-2	625	683	633	647	4.87	cps
Manganese	55-2	93	110	63	89	26.61	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	1150	1117	1120	2.61	cps
Molybdenum	95-1	975	983	1050	1003	4.10	cps
Molybdenum	96-1	1183	1117	983	1095	9.30	cps
Molybdenum	97-1	600	750	508	619	19.70	cps
Molybdenum	98-1	1458	1592	1425	1492	5.91	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	43	23	50	39	35.69	cps
Phosphorus	31-2	400	242	242	294	31.05	cps
Potassium	39-2	46574	46214	45445	46078	1.25	cps
Rhodium	103-1	12648871	12738083	12749634	12712196	0.43	cps
Rhodium	103-2	7177124	6941651	6825791	6981522	2.56	cps
Scandium	45-1	9090334	9207657	9161059	9153016	0.65	cps
Scandium	45-2	470055	452123	446466	456215	2.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	119	111	104	17.78	cps
Selenium	82-1	123	20	34	59	94.64	cps
Silicon	28-1	358432	354710	355827	356323	0.54	cps
Silver	109-1	1492	1525	2150	1722	21.53	cps
Silver	107-1	1667	1834	2217	1906	14.80	cps
Sodium	23-2	46130	44609	44617	45119	1.94	cps
Strontium	86-1	508	500	558	522	6.04	cps
Strontium	88-1	200	267	150	206	28.47	cps
Sulfur	34-1	339247	341508	341619	340791	0.39	cps
Terbium	159-1	16530964	16740080	16619796	16630280	0.63	cps
Terbium	159-2	10312450	10060625	9893051	10088709	2.09	cps
Thallium	203-1	142	433	350	308	48.72	cps
Thallium	205-1	667	558	667	631	9.92	cps
Tin	118-1	1659	1717	1617	1664	3.02	cps
Titanium	47-1	208	192	125	175	25.20	cps
Uranium	238-1	83	117	58	86	33.98	cps
Vanadium	51-2	17	13	20	17	20.01	cps
Yttrium	89-1	14537049	14667093	14639173	14614438	0.47	cps
Yttrium	89-2	2540384	2474687	2438958	2484677	2.07	cps
Zinc	66-2	267	227	233	242	8.85	cps
Zirconium	90-1	1475	1500	1392	1456	3.90	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:35:35	DataFile Name :	038CCBE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	325	192	292	30.24	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	133	83	117	24.74	cps
Antimony	121-1	17303	16193	15993	16496	4.28	cps
Arsenic	75-2	41	44	39	41	6.85	cps
Barium	135-1	642	525	325	497	32.21	cps
Barium	137-1	900	800	467	722	31.42	cps
Beryllium	9-1	278	311	300	296	5.73	cps
Bismuth	209-1	8811314	8452153	8643548	8635671	2.08	cps
Bismuth	209-2	5348467	5485699	6209474	5681214	8.14	cps
Boron	10-1	4368	4042	3309	3906	13.88	cps
Boron	11-1	19330	17928	17527	18262	5.18	cps
Cadmium	111-1	2628	2693	2600	2640	1.80	cps
Cadmium	106-1	3709	3792	3692	3731	1.44	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Calcium	43-1	217	258	158	211	23.79	cps
Calcium	44-1	12965	12606	12973	12848	1.63	cps
Chromium	52-2	697	647	713	686	5.06	cps
Cobalt	59-2	170	190	153	171	10.73	cps
Copper	63-2	3581	3464	3464	3503	1.92	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	20	13	37	23	51.52	cps
Gadolinium	160-1	92	67	75	78	16.37	cps
Gadolinium	160-2	110	70	100	93	22.30	cps
Holmium	165-1	16179553	15741148	15753965	15891555	1.57	cps
Holmium	165-2	8779389	9064355	9939146	9260964	6.53	cps
Indium	115-1	13898328	13450823	13567599	13638916	1.70	cps
Indium	115-2	2766091	2863847	3158535	2929491	6.97	cps
Iron	56-2	16983	16159	16042	16395	3.13	cps
Iron	57-2	472	561	494	509	9.08	cps
Lead	206-1	978	1056	750	928	17.12	cps
Lead	207-1	872	767	739	793	8.88	cps
Lead	208-1	3923	3628	3284	3611	8.86	cps
Lithium	6-1	3047207	2987422	2984648	3006426	1.18	cps
Magnesium	24-2	417	467	425	436	6.14	cps
Manganese	55-2	67	53	47	56	18.33	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4701	4126	3626	4151	12.96	cps
Molybdenum	95-1	6535	5735	5768	6013	7.53	cps
Molybdenum	96-1	7127	6193	6177	6499	8.37	cps
Molybdenum	97-1	4059	4126	3284	3823	12.24	cps
Molybdenum	98-1	10880	9162	9045	9695	10.60	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	27	47	33	36	28.64	cps
Phosphorus	31-2	242	267	308	272	12.37	cps
Potassium	39-2	45512	45863	44869	45415	1.11	cps
Rhodium	103-1	12741722	12490503	12635251	12622492	1.00	cps
Rhodium	103-2	5936789	6253875	6902626	6364430	7.74	cps
Scandium	45-1	9225410	8959563	9044109	9076361	1.50	cps
Scandium	45-2	395008	408012	448776	417265	6.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	135	89	107	110	21.09	cps
Selenium	82-1	74	94	100	89	15.10	cps
Silicon	28-1	359124	359040	358412	358859	0.11	cps
Silver	109-1	592	592	575	586	1.64	cps
Silver	107-1	600	542	617	586	6.72	cps
Sodium	23-2	44241	42637	43397	43425	1.85	cps
Strontium	86-1	650	600	525	592	10.63	cps
Strontium	88-1	758	642	450	617	25.25	cps
Sulfur	34-1	317543	314154	320793	317497	1.05	cps
Terbium	159-1	16902348	16387851	16614720	16634973	1.55	cps
Terbium	159-2	8849815	9089677	10008058	9315850	6.56	cps
Thallium	203-1	892	767	775	811	8.62	cps
Thallium	205-1	2409	2050	1850	2103	13.45	cps
Tin	118-1	3992	3609	3342	3648	8.96	cps
Titanium	47-1	508	342	325	392	25.88	cps
Uranium	238-1	958	700	608	756	24.02	cps
Vanadium	51-2	10	17	20	16	32.73	cps
Yttrium	89-1	14796890	14431750	14501883	14576841	1.33	cps
Yttrium	89-2	2169435	2214741	2446322	2276832	6.52	cps
Zinc	66-2	247	217	193	219	12.21	cps
Zirconium	90-1	1834	1784	1625	1747	6.23	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P7
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:55:38	DataFile Name :	043CCBE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	400	342	397	13.65	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1126108	1137221	1135966	1133098	0.54	cps
Antimony	121-1	5095909	5083001	5076967	5085292	0.19	cps
Arsenic	75-2	191787	190367	193298	191818	0.76	cps
Barium	135-1	6259410	6273785	6282424	6271873	0.19	cps
Barium	137-1	10892136	10891359	10892389	10891961	0.00	cps
Beryllium	9-1	841310	846548	843126	843661	0.32	cps
Bismuth	209-1	8363131	8474679	8473294	8437034	0.76	cps
Bismuth	209-2	6082378	6074238	5922171	6026262	1.50	cps
Boron	10-1	91191	94301	98755	94749	4.01	cps
Boron	11-1	444474	456810	473073	458119	3.13	cps
Cadmium	111-1	1197942	1180916	1181999	1186952	0.80	cps
Cadmium	106-1	130849	129470	127729	129349	1.21	cps
Cadmium	108-1	86407	87078	87271	86919	0.52	cps
Calcium	43-1	1606086	1585880	1581545	1591170	0.82	cps
Calcium	44-1	26152634	26029632	26035433	26072567	0.27	cps
Chromium	52-2	1725544	1731481	1729099	1728708	0.17	cps
Cobalt	59-2	2748582	2759054	2753403	2753680	0.19	cps
Copper	63-2	3953847	3978998	4010789	3981212	0.72	cps
Dysprosium	156-1	58	100	42	67	45.06	cps
Dysprosium	156-2	47	57	53	52	9.75	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	20	57	27	34	56.70	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Gadolinium	160-2	120	133	103	119	12.64	cps
Holmium	165-1	15855901	16207764	16152733	16072133	1.18	cps
Holmium	165-2	10207527	10080797	9936281	10074868	1.35	cps
Indium	115-1	13335225	13451526	13461171	13415974	0.52	cps
Indium	115-2	3145195	3098342	3062103	3101880	1.34	cps
Iron	56-2	74670854	75107029	75027229	74935038	0.31	cps
Iron	57-2	1787089	1794086	1797666	1792947	0.30	cps
Lead	206-1	3198703	3169531	3168816	3179017	0.54	cps
Lead	207-1	2817981	2770627	2753326	2780645	1.20	cps
Lead	208-1	12849180	12735012	12709249	12764480	0.58	cps
Lithium	6-1	3027795	3035565	3031275	3031545	0.13	cps
Magnesium	24-2	13019954	12993174	12995844	13002991	0.11	cps
Manganese	55-2	2040049	2048710	2056455	2048405	0.40	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10762211	10624926	10597873	10661670	0.83	cps
Molybdenum	95-1	13129440	12997369	12984558	13037123	0.62	cps
Molybdenum	96-1	14438874	14407207	14432169	14426083	0.12	cps
Molybdenum	97-1	8158960	8141100	8135015	8145025	0.15	cps
Molybdenum	98-1	20988972	21040193	20858012	20962392	0.45	cps
Neodymium	150-1	367	420	413	400	7.26	cps
Neodymium	150-2	43	43	30	39	19.79	cps
Nickel	60-2	713951	721262	719151	718122	0.52	cps
Phosphorus	31-2	58758	59210	58139	58702	0.92	cps
Potassium	39-2	6779648	6764968	6753973	6766196	0.19	cps
Rhodium	103-1	12264819	12309991	12283865	12286225	0.18	cps
Rhodium	103-2	6755381	6711950	6652988	6706773	0.77	cps
Scandium	45-1	9009643	9195386	9150260	9118430	1.06	cps
Scandium	45-2	453966	455618	443810	451131	1.42	cps
Selenium	77-2	4111	4067	4024	4067	1.07	cps
Selenium	78-2	13484	13775	13736	13665	1.16	cps
Selenium	82-1	75062	75648	75327	75346	0.39	cps
Silicon	28-1	3719289	3700623	3726254	3715389	0.36	cps
Silver	109-1	5831759	5809959	5753721	5798479	0.69	cps
Silver	107-1	6074679	6021369	6063355	6053135	0.46	cps
Sodium	23-2	24752017	24605000	24608614	24655210	0.34	cps
Strontium	86-1	1674922	1669402	1666484	1670269	0.26	cps
Strontium	88-1	15042127	15019760	15010599	15024162	0.11	cps
Sulfur	34-1	761433	751346	755646	756142	0.67	cps
Terbium	159-1	16768739	16949458	16851644	16856613	0.54	cps
Terbium	159-2	10204757	10191365	9970088	10122070	1.30	cps
Thallium	203-1	3979177	4013019	3998945	3997047	0.43	cps
Thallium	205-1	9668987	9724056	9688743	9693929	0.29	cps
Tin	118-1	4109865	4111974	4112703	4111514	0.04	cps
Titanium	47-1	3725092	3679202	3676780	3693691	0.74	cps
Uranium	238-1	12470077	12382566	12495681	12449441	0.48	cps
Vanadium	51-2	1426760	1436289	1432680	1431909	0.34	cps
Yttrium	89-1	14603376	14594914	14624363	14607551	0.10	cps
Yttrium	89-2	2486095	2461715	2421783	2456531	1.32	cps
Zinc	66-2	538541	545313	545647	543167	0.74	cps
Zirconium	90-1	9112417	9037754	9043229	9064467	0.46	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P7
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 17:59:10	DataFile Name :	044LCS6_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1991402	1985976	1977065	1984814	0.36	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5793357	5824969	5811487	5809938	0.27	cps
Antimony	121-1	4771200	4721086	4751118	4747801	0.53	cps
Arsenic	75-2	183325	184189	185734	184416	0.66	cps
Barium	135-1	6078711	6026495	6009367	6038191	0.60	cps
Barium	137-1	10548380	10488259	10436443	10491027	0.53	cps
Beryllium	9-1	831570	831351	834301	832407	0.20	cps
Bismuth	209-1	7628840	7977562	7745096	7783833	2.28	cps
Bismuth	209-2	5334921	5339908	5294084	5322971	0.47	cps
Boron	10-1	95475	96708	99309	97164	2.01	cps
Boron	11-1	457163	471834	477115	468704	2.21	cps
Cadmium	111-1	1081770	1064005	1074650	1073475	0.83	cps
Cadmium	106-1	120838	117307	119718	119288	1.51	cps
Cadmium	108-1	79245	80192	78981	79473	0.80	cps
Calcium	43-1	7857243	7768193	7750179	7791872	0.74	cps
Calcium	44-1	125959711	125481807	125692365	125711294	0.19	cps
Chromium	52-2	1684638	1694912	1693185	1690912	0.33	cps
Cobalt	59-2	2614024	2618955	2630980	2621320	0.33	cps
Copper	63-2	3665331	3668287	3665706	3666441	0.04	cps
Dysprosium	156-1	117	175	117	136	24.75	cps
Dysprosium	156-2	53	70	97	73	29.81	cps
Erbium	164-1	83	100	67	83	20.00	cps
Erbium	164-2	37	50	53	47	18.89	cps
Gadolinium	160-1	75	75	117	89	27.07	cps
Gadolinium	160-2	170	147	117	144	18.51	cps
Holmium	165-1	15233710	15748660	15354381	15445584	1.74	cps
Holmium	165-2	9431190	9483323	9422440	9445651	0.35	cps
Indium	115-1	12533878	12945533	12618406	12699272	1.71	cps
Indium	115-2	2883426	2888434	2895342	2889068	0.21	cps
Iron	56-2	352312030	351752286	352405952	352156756	0.10	cps
Iron	57-2	8516983	8533757	8557391	8536044	0.24	cps
Lead	206-1	2937260	2920738	2918440	2925479	0.35	cps
Lead	207-1	2601643	2554451	2557688	2571261	1.03	cps
Lead	208-1	11813945	11659717	11657339	11710334	0.77	cps
Lithium	6-1	2999383	3062979	3019290	3027217	1.07	cps
Magnesium	24-2	63629631	63676839	63778837	63695102	0.12	cps
Manganese	55-2	1986102	1995610	1995225	1992312	0.27	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10331595	10323069	10319988	10324884	0.06	cps
Molybdenum	95-1	12738185	12664178	12657346	12686570	0.35	cps
Molybdenum	96-1	14069386	13977967	13974369	14007241	0.38	cps
Molybdenum	97-1	7988696	7899782	7938404	7942294	0.56	cps
Molybdenum	98-1	20529536	20282628	20344583	20385582	0.63	cps
Neodymium	150-1	520	467	453	480	7.35	cps
Neodymium	150-2	63	67	83	71	15.07	cps
Nickel	60-2	673006	676686	674245	674646	0.28	cps
Phosphorus	31-2	57787	57821	58532	58047	0.72	cps
Potassium	39-2	32941662	33033024	33120691	33031792	0.27	cps
Rhodium	103-1	11232036	11678301	11320238	11410192	2.07	cps
Rhodium	103-2	5965929	5988879	5978195	5977668	0.19	cps
Scandium	45-1	8858779	9208987	8900713	8989493	2.13	cps
Scandium	45-2	440367	440157	439066	439863	0.16	cps
Selenium	77-2	3814	3734	3551	3699	3.65	cps
Selenium	78-2	12448	12758	12852	12686	1.67	cps
Selenium	82-1	69562	69175	69126	69288	0.35	cps
Silicon	28-1	3691266	3693005	3672235	3685502	0.31	cps
Silver	109-1	5271615	5201038	5231079	5234577	0.68	cps
Silver	107-1	5157577	5290458	5278769	5242268	1.40	cps
Sodium	23-2	120782069	120637111	120791553	120736911	0.07	cps
Strontium	86-1	1670703	1657903	1654095	1660900	0.52	cps
Strontium	88-1	14921758	14938287	14924124	14928056	0.06	cps
Sulfur	34-1	768284	762995	763707	764996	0.38	cps
Terbium	159-1	16001317	16452685	15924749	16126250	1.77	cps
Terbium	159-2	9555241	9542477	9499997	9532572	0.30	cps
Thallium	203-1	3701304	3691818	3680971	3691364	0.28	cps
Thallium	205-1	9044026	9017107	8947367	9002833	0.55	cps
Tin	118-1	3906350	3880294	3862191	3882945	0.57	cps
Titanium	47-1	3640597	3613205	3611081	3621627	0.45	cps
Uranium	238-1	11893259	11925438	11910540	11909746	0.14	cps
Vanadium	51-2	1408022	1399631	1406461	1404705	0.32	cps
Yttrium	89-1	13930001	14507765	14059349	14165705	2.14	cps
Yttrium	89-2	2339916	2347677	2345603	2344398	0.17	cps
Zinc	66-2	498793	501251	501898	500647	0.33	cps
Zirconium	90-1	8738765	8639741	8647290	8675266	0.64	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:26:27	DataFile Name :	047CCV_P7020618-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1907008	1892289	1880286	1893194	0.71	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	2192	2334	2242	3.55	cps
Antimony	121-1	20858	21617	20766	21081	2.22	cps
Arsenic	75-2	361	428	387	392	8.57	cps
Barium	135-1	23429	22218	21910	22519	3.57	cps
Barium	137-1	38204	38412	38831	38482	0.83	cps
Beryllium	9-1	1750	1739	1556	1682	6.49	cps
Bismuth	209-1	8398012	8462544	8282405	8380987	1.09	cps
Bismuth	209-2	5840699	5906892	5843030	5863540	0.64	cps
Boron	10-1	5351	5501	6110	5654	7.11	cps
Boron	11-1	26608	27058	26883	26850	0.85	cps
Cadmium	111-1	4944	4614	5158	4906	5.59	cps
Cadmium	106-1	4051	3684	4409	4048	8.96	cps
Cadmium	108-1	208	188	142	179	19.04	cps
Calcium	43-1	15442	15609	15909	15653	1.51	cps
Calcium	44-1	255249	252251	248490	251996	1.34	cps
Chromium	52-2	7652	7389	7849	7630	3.03	cps
Cobalt	59-2	5745	5498	5571	5604	2.26	cps
Copper	63-2	10664	10667	10854	10729	1.01	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	57	37	40	44	24.11	cps
Gadolinium	160-1	25	67	75	56	48.22	cps
Gadolinium	160-2	73	107	97	92	18.55	cps
Holmium	165-1	15794888	15720106	15468201	15661065	1.09	cps
Holmium	165-2	9801017	9847689	9813988	9820898	0.25	cps
Indium	115-1	13821298	13903125	13644514	13789646	0.96	cps
Indium	115-2	3163485	3191270	3180677	3178477	0.44	cps
Iron	56-2	151971	153089	153734	152931	0.58	cps
Iron	57-2	4001	3995	3784	3927	3.15	cps
Lead	206-1	6680	6530	6908	6706	2.84	cps
Lead	207-1	5768	5535	5368	5557	3.62	cps
Lead	208-1	26450	25833	25861	26048	1.34	cps
Lithium	6-1	3024947	3033139	3005932	3021339	0.46	cps
Magnesium	24-2	124607	124237	126471	125105	0.96	cps
Manganese	55-2	1913	2137	2307	2119	9.31	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20332	20649	21300	20760	2.38	cps
Molybdenum	95-1	25123	24363	23478	24321	3.38	cps
Molybdenum	96-1	27502	27344	27243	27363	0.48	cps
Molybdenum	97-1	15843	15943	15109	15631	2.91	cps
Molybdenum	98-1	40233	38804	38586	39208	2.28	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1643	1587	1613	1615	1.76	cps
Phosphorus	31-2	300	258	342	300	13.89	cps
Potassium	39-2	174725	174446	177480	175550	0.96	cps
Rhodium	103-1	12965535	13038367	12703338	12902413	1.37	cps
Rhodium	103-2	6935675	6988164	6927320	6950386	0.47	cps
Scandium	45-1	9405328	9464580	9192866	9354258	1.53	cps
Scandium	45-2	458113	466053	464609	462925	0.91	cps
Selenium	77-2	40	33	40	38	10.19	cps
Selenium	78-2	263	207	239	236	11.78	cps
Selenium	82-1	880	845	795	840	5.08	cps
Silicon	28-1	449644	445473	446775	447297	0.48	cps
Silver	109-1	12222	11780	10980	11661	5.40	cps
Silver	107-1	12840	12147	12514	12500	2.77	cps
Sodium	23-2	288933	288009	290497	289146	0.43	cps
Strontium	86-1	3784	4109	3576	3823	7.03	cps
Strontium	88-1	27953	28237	27719	27970	0.93	cps
Sulfur	34-1	342599	342864	342710	342725	0.04	cps
Terbium	159-1	16454874	16542886	16244745	16414169	0.93	cps
Terbium	159-2	9912707	9952214	9932107	9932343	0.20	cps
Thallium	203-1	7169	7602	7869	7547	4.68	cps
Thallium	205-1	17746	17079	17295	17373	1.96	cps
Tin	118-1	38805	39440	38278	38841	1.50	cps
Titanium	47-1	6894	7752	7686	7444	6.42	cps
Uranium	238-1	20734	20292	20409	20478	1.12	cps
Vanadium	51-2	13560	13843	13883	13762	1.28	cps
Yttrium	89-1	14893936	14893698	14746572	14844735	0.57	cps
Yttrium	89-2	2480634	2502434	2503065	2495377	0.51	cps
Zinc	66-2	1407	1370	1457	1411	3.08	cps
Zirconium	90-1	18529	18479	18613	18541	0.36	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P7
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:39:41	DataFile Name :	049LCSE_P7020618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4084	4209	4326	4206	2.87	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:43:14	DataFile Name :	050CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	92	72	29.04	cps
Antimony	121-1	1767	1692	2050	1836	10.29	cps
Arsenic	75-2	20	17	9	15	36.66	cps
Barium	135-1	50	42	58	50	16.67	cps
Barium	137-1	83	92	75	83	10.00	cps
Beryllium	9-1	194	222	256	224	13.66	cps
Bismuth	209-1	8393722	8386207	8351586	8377172	0.27	cps
Bismuth	209-2	5960942	5847211	5831375	5879842	1.20	cps
Boron	10-1	1317	1342	1200	1286	5.88	cps
Boron	11-1	6168	6026	5651	5949	4.49	cps
Cadmium	111-1	2947	2543	2821	2770	7.45	cps
Cadmium	106-1	4201	3601	3984	3928	7.74	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	133	208	175	172	21.82	cps
Calcium	44-1	12823	13282	12706	12937	2.35	cps
Chromium	52-2	447	480	520	482	7.61	cps
Cobalt	59-2	153	87	157	132	29.86	cps
Copper	63-2	2724	2790	2684	2733	1.97	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	33	10	23	22	52.68	cps
Gadolinium	160-1	8	83	75	56	74.00	cps
Gadolinium	160-2	100	57	133	97	39.77	cps
Holmium	165-1	15769667	15686457	15490904	15649009	0.91	cps
Holmium	165-2	10061615	9812229	9794709	9889518	1.51	cps
Indium	115-1	13770275	13787016	13736358	13764550	0.19	cps
Indium	115-2	3238590	3168016	3177015	3194540	1.20	cps
Iron	56-2	7319	6935	6891	7048	3.34	cps
Iron	57-2	261	289	283	278	5.29	cps
Lead	206-1	656	650	622	643	2.78	cps
Lead	207-1	567	528	561	552	3.81	cps
Lead	208-1	2611	2656	2639	2635	0.85	cps
Lithium	6-1	3013551	3010192	2997481	3007075	0.28	cps
Magnesium	24-2	650	617	550	606	8.41	cps
Manganese	55-2	47	70	33	50	37.12	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-02-06 18:43:14	DataFile Name :	050CCBE_P7020618-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	950	867	850	889	6.03	cps
Molybdenum	95-1	908	958	1008	958	5.22	cps
Molybdenum	96-1	983	992	1008	995	1.28	cps
Molybdenum	97-1	650	617	542	603	9.21	cps
Molybdenum	98-1	1358	1325	1358	1347	1.43	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	30	27	36	35.49	cps
Phosphorus	31-2	225	317	250	264	17.96	cps
Potassium	39-2	49985	48539	48923	49149	1.52	cps
Rhodium	103-1	12928296	12916424	12938594	12927771	0.09	cps
Rhodium	103-2	7096741	6970450	6954393	7007194	1.11	cps
Scandium	45-1	9389102	9412342	9366406	9389283	0.24	cps
Scandium	45-2	472006	460275	465553	465945	1.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	104	109	87	100	11.56	cps
Selenium	82-1	129	196	33	120	68.76	cps
Silicon	28-1	359521	362047	359856	360474	0.38	cps
Silver	109-1	667	608	608	628	5.36	cps
Silver	107-1	725	675	925	775	17.07	cps
Sodium	23-2	53546	52743	52342	52877	1.16	cps
Strontium	86-1	533	658	475	556	16.86	cps
Strontium	88-1	133	158	242	178	31.91	cps
Sulfur	34-1	347078	346461	349192	347577	0.41	cps
Terbium	159-1	16598459	16457576	16284464	16446833	0.96	cps
Terbium	159-2	10102447	9891737	9854538	9949574	1.34	cps
Thallium	203-1	200	208	233	214	8.11	cps
Thallium	205-1	575	500	492	522	8.79	cps
Tin	118-1	1650	1608	1817	1692	6.52	cps
Titanium	47-1	233	208	292	244	17.50	cps
Uranium	238-1	92	117	75	94	22.21	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	14934184	14941522	14847836	14907847	0.35	cps
Yttrium	89-2	2552754	2503189	2510256	2522066	1.06	cps
Zinc	66-2	173	230	217	207	14.34	cps
Zirconium	90-1	1258	1217	1125	1200	5.68	cps

LB Number :	LB93138	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	208	250	256	19.66	cps