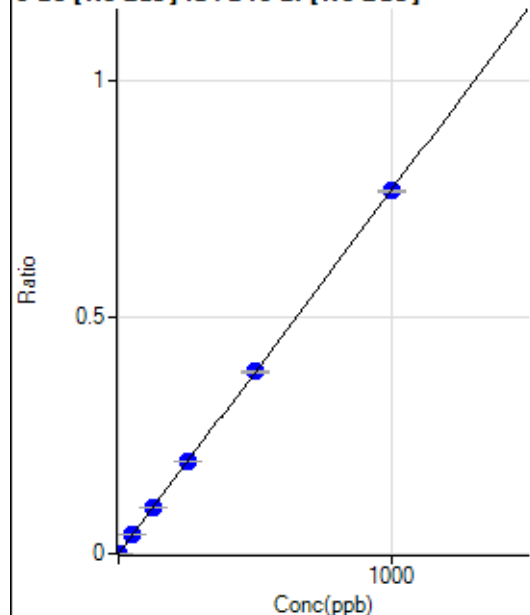


Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021220 MS.b\
 Analysis File: P8021220 MS.batch.bin
 DA Date-Time: 2020-02-12 14:20:25
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-02-12 11:17:43
2	006CAL.S.d	S02	2020-02-12 11:20:45
3	007CAL.S.d	S03	2020-02-12 11:23:45
4	008CAL.S.d	S04	2020-02-12 11:26:46
5	009CAL.S.d	S05	2020-02-12 11:29:44
6	010CAL.S.d	S06	2020-02-12 11:32:45
7	011CAL.S.d	S07	2020-02-12 11:35:43
8	012CAL.S.d	S08	2020-02-12 11:38:43

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.67	0.0000	P	31.3
2	☐	1.000	1.007	491.91	0.0008	P	3.2
3	☐	50.000	52.612	24776.47	0.0405	P	1.5
4	☐	125.000	126.824	62457.57	0.0976	P	1.3
5	☐	250.000	255.190	127654.33	0.1963	P	0.7
6	☐	500.000	500.616	264579.63	0.3851	P	1.2
7	☐	1000.000	998.036	542768.30	0.7677	P	0.5
8	☐			153.30	0.0002	P	11.3

$$y = 7.6916\text{E-}004 * x + 3.0699\text{E-}005$$

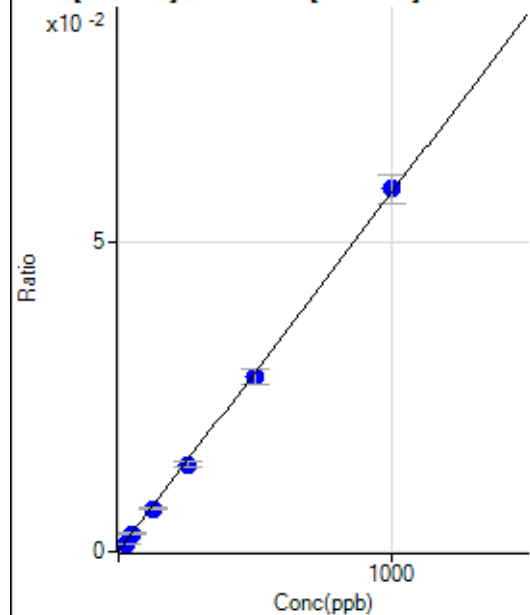
$$R = 1.0000$$

$$DL = 0.03746$$

$$BEC = 0.03991$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.66	0.0001	P	12.3
2	☐	25.000	19.662	744.54	0.0012	P	11.4
3	☐	50.000	48.495	1770.43	0.0029	P	11.6
4	☐	125.000	119.145	4475.15	0.0070	P	8.1
5	☐	250.000	242.167	9185.07	0.0141	P	7.0
6	☐	500.000	484.667	19371.64	0.0282	P	8.7
7	☐	1000.000	1010.565	41492.75	0.0587	P	7.8
8	☐			7384.41	0.0112	P	8.0

$$y = 5.7981\text{E-}005 * x + 7.9978\text{E-}005$$

$$R = 0.9998$$

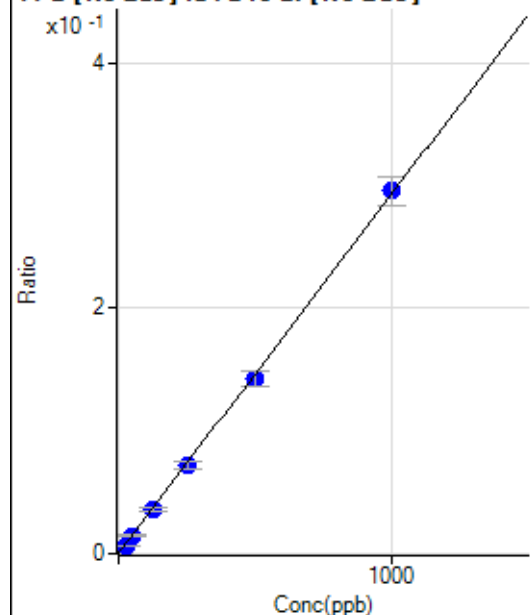
$$DL = 0.5097$$

$$BEC = 1.379$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	191.96	0.0003	P	18.8
2	☐	25.000	19.007	3590.41	0.0059	P	9.2
3	☐	50.000	47.962	8792.24	0.0144	P	8.7
4	☐	125.000	120.520	22807.18	0.0356	P	7.2
5	☐	250.000	243.727	46641.85	0.0717	P	8.5
6	☐	500.000	486.201	98100.18	0.1427	P	7.9
7	☐	1000.000	1009.280	209274.61	0.2959	P	7.6
8	☐			36999.02	0.0563	P	7.7

$$y = 2.9290\text{E-}004 * x + 3.1547\text{E-}004$$

$$R = 0.9998$$

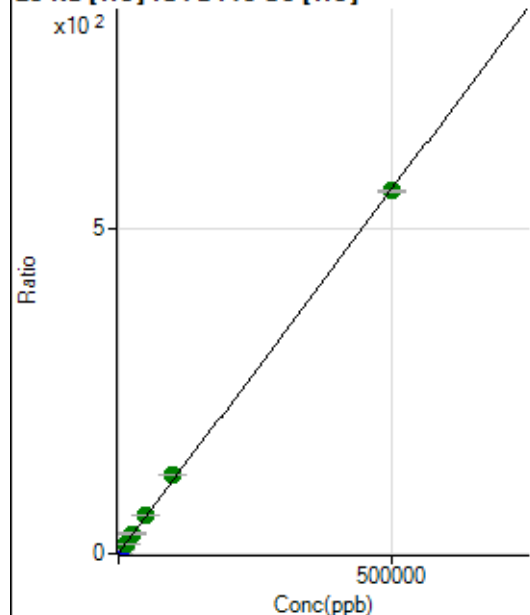
$$DL = 0.6083$$

$$BEC = 1.077$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36969.50	0.3834	P	2.6
2	☐	500.000	522.976	89853.93	0.9698	P	5.3
3	☐	5000.000	5529.543	641328.52	6.5841	P	1.2
4	☐	12500.000	13541.320	1528906.28	15.5683	A	2.0
5	☐	25000.000	27385.630	3047271.23	31.0930	A	1.7
6	☐	50000.000	53411.970	6143289.03	60.2784	A	0.7
7	☐	100000.00	107360.99	12520579.79	120.7757	A	0.5
8	☐	500000.00	498035.97	54030118.57	558.8702	A	0.6

$$y = 0.0011 * x + 0.3834$$

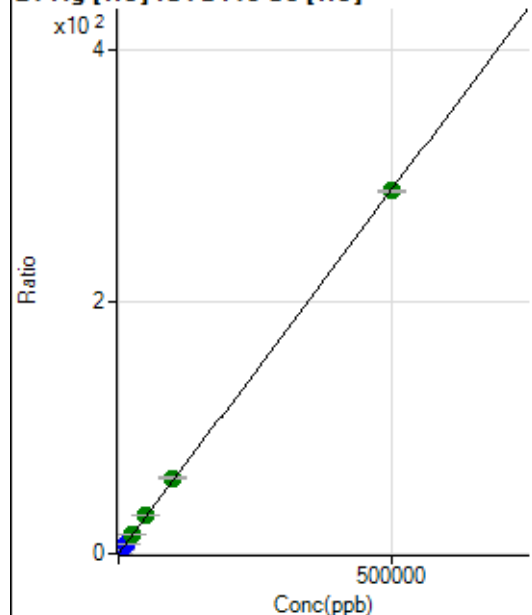
$$R = 0.9999$$

$$DL = 26.32$$

$$BEC = 341.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302.79	0.0031	P	13.6
2	☐	500.000	513.937	27815.91	0.3004	P	6.3
3	☐	5000.000	5382.560	303512.46	3.1160	P	1.3
4	☐	12500.000	13325.822	757129.72	7.7097	P	2.1
5	☐	25000.000	27277.922	1546470.09	15.7785	A	2.1
6	☐	50000.000	52593.176	3100206.95	30.4188	A	0.9
7	☐	100000.00	104329.89	6254473.23	60.3392	A	1.4
8	☐	500000.00	498736.32	27884794.37	288.4325	A	0.4

$$y = 5.7832E-004 * x + 0.0031$$

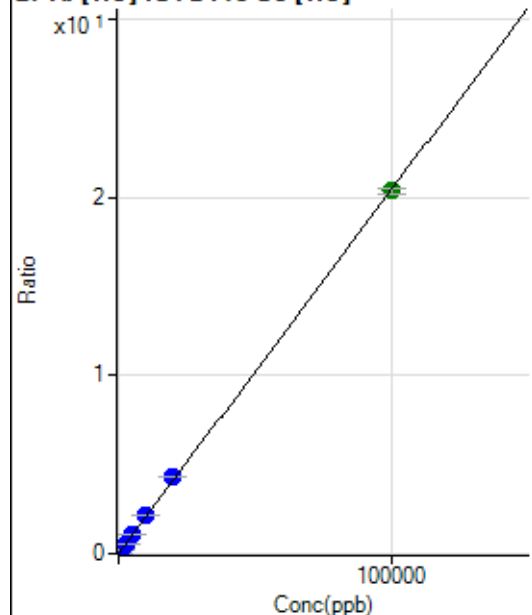
R = 1.0000

DL = 2.219

BEC = 5.421

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	490.01	0.0051	P	5.0
2	☐	20.000	22.596	897.81	0.0097	P	10.3
3	☐	1000.000	1134.863	23100.70	0.2371	P	1.1
4	☐	2500.000	2687.223	54461.48	0.5546	P	2.3
5	☐	5000.000	5430.219	109313.73	1.1155	P	2.9
6	☐	10000.000	10666.633	222802.19	2.1863	P	1.7
7	☐	20000.000	21227.685	450516.55	4.3458	P	0.8
8	☐	100000.00	99660.259	1970447.99	20.3842	A	1.9

$$y = 2.0449E-004 * x + 0.0051$$

R = 0.9999

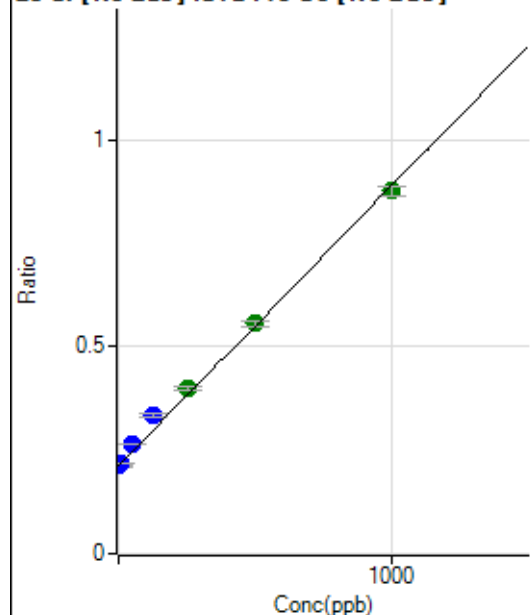
DL = 3.705

BEC = 24.86

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	514338.10	0.2121	P	2.1
2	☐	10.000	10.683	530864.00	0.2193	P	1.0
3	☐	50.000	78.493	644073.18	0.2652	P	0.3
4	☐	125.000	180.594	834267.45	0.3344	P	1.9
5	☐	250.000	277.694	1005096.16	0.4001	A	2.4
6	☐	500.000	507.893	1437312.13	0.5560	A	2.8
7	☐	1000.000	980.750	2319646.34	0.8763	A	2.7
8	☐			742367.57	0.2960	P	1.7

$$y = 6.7725\text{E-}004 * x + 0.2121$$

R = 0.9982

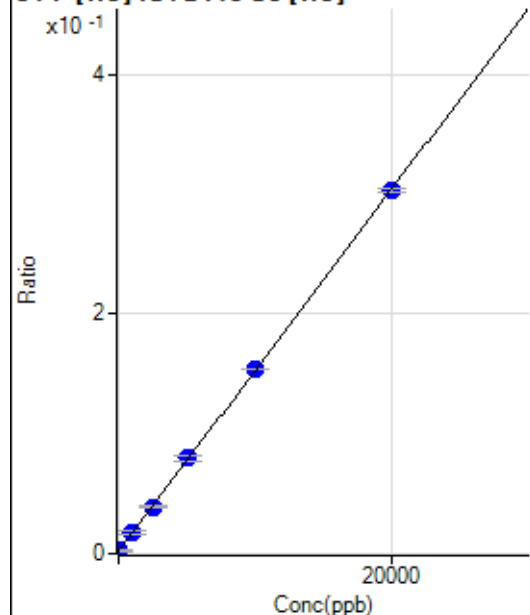
DL = 19.66

BEC = 313.1

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-33.025	141.67	0.0015	P	19.4
2	☐	0.000	33.025	227.78	0.0025	P	9.5
3	☐	1000.000	1038.848	1716.82	0.0176	P	10.0
4	☐	2500.000	2471.021	3853.40	0.0393	P	5.2
5	☐	5000.000	5154.824	7813.42	0.0798	P	6.0
6	☐	10000.000	10083.948	15708.94	0.1541	P	0.6
7	☐	20000.000	19921.000	31365.07	0.3026	P	1.1
8	☐			188.90	0.0020	P	14.4

$$y = 1.5090\text{E-}005 * x + 0.0020$$

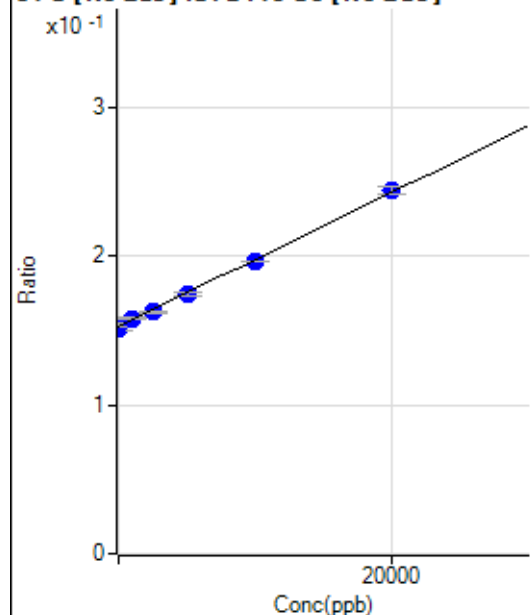
R = 0.9999

DL = 51.46

BEC = 130.1

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-303.009	368013.15	0.1517	P	2.0
2	☐	0.000	303.009	373876.06	0.1545	P	1.7
3	☐	1000.000	1153.877	384373.22	0.1583	P	0.7
4	☐	2500.000	2149.423	406114.68	0.1628	P	0.7
5	☐	5000.000	4849.306	439280.75	0.1749	P	1.8
6	☐	10000.000	9698.923	508591.11	0.1967	P	0.6
7	☐	20000.000	20224.340	646172.42	0.2441	P	2.1
8	☐			366151.73	0.1460	P	0.9

$$y = 4.4987\text{E-}006 * x + 0.1531$$

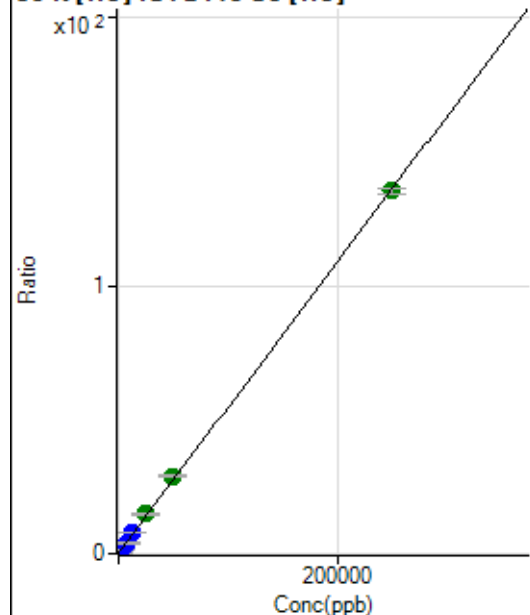
$$R = 0.9993$$

$$DL = 1909$$

$$BEC = 3.403\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24176.43	0.2506	P	1.6
2	☐	500.000	533.578	49956.71	0.5399	P	8.4
3	☐	2500.000	2764.189	170417.79	1.7495	P	1.1
4	☐	6250.000	6809.969	387251.44	3.9434	P	2.3
5	☐	12500.000	13837.032	759975.62	7.7539	P	1.4
6	☐	25000.000	26684.456	1500225.18	14.7206	A	1.8
7	☐	50000.000	53065.281	3008917.19	29.0259	A	0.5
8	☐	250000.00	249134.93	13083813.49	135.3473	A	1.6

$$y = 5.4226\text{E-}004 * x + 0.2506$$

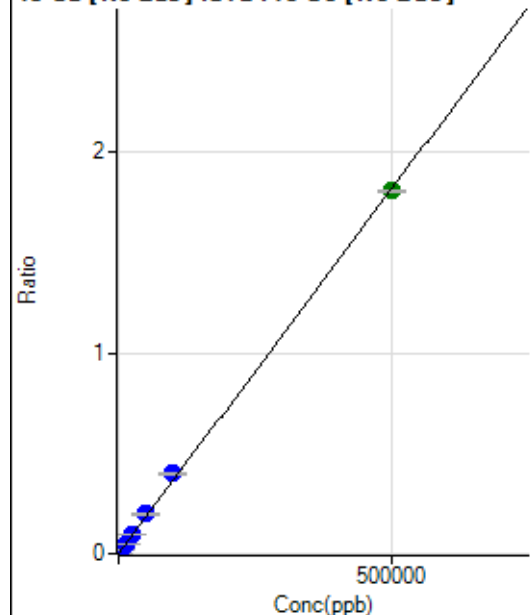
$$R = 0.9999$$

$$DL = 22.07$$

$$BEC = 462.1$$

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	602.81	0.0002	P	12.0
2	☐	500.000	481.228	4837.05	0.0020	P	2.9
3	☐	5000.000	5451.853	48741.59	0.0201	P	1.3
4	☐	12500.000	13632.139	124298.83	0.0498	P	0.7
5	☐	25000.000	27333.251	250252.15	0.0996	P	0.8
6	☐	50000.000	54179.683	509948.06	0.1973	P	0.7
7	☐	100000.00	109477.22	1054417.17	0.3983	P	2.8
8	☐	500000.00	497537.12	4538054.83	1.8094	A	0.3

$$y = 3.6362\text{E-}006 * x + 2.4871\text{E-}004$$

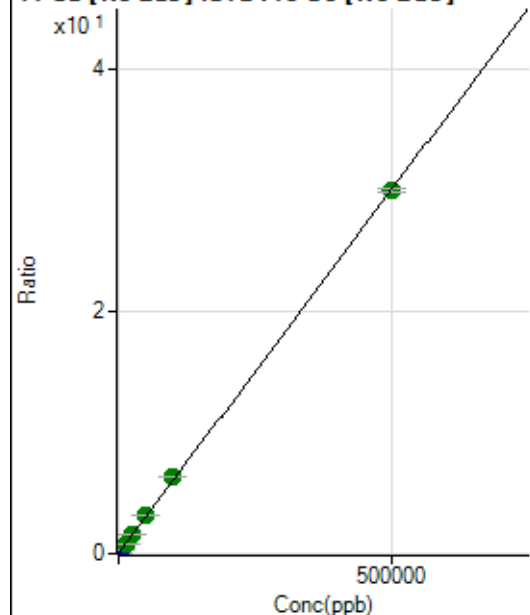
$$R = 0.9998$$

$$DL = 24.63$$

$$BEC = 68.4$$

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	49878.68	0.0206	P	2.0
2	☐	500.000	489.071	120807.79	0.0499	P	1.0
3	☐	5000.000	5434.855	841679.11	0.3466	P	1.1
4	☐	12500.000	13576.972	2083594.71	0.8351	A	1.7
5	☐	25000.000	26904.979	4105514.02	1.6347	A	1.4
6	☐	50000.000	52526.210	8199478.05	3.1718	A	1.2
7	☐	100000.00	105785.56	16856975.55	6.3670	A	1.7
8	☐	500000.00	498463.75	75054521.82	29.9252	A	1.0

$$y = 5.9994\text{E-}005 * x + 0.0206$$

$$R = 0.9999$$

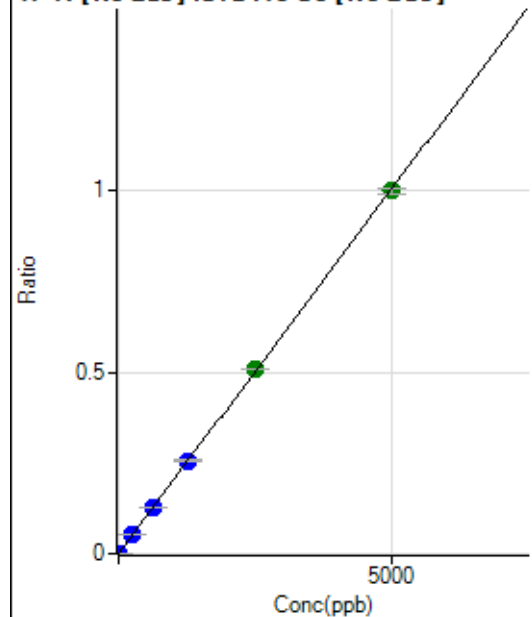
$$DL = 20.71$$

$$BEC = 342.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	650.03	0.0003	P	12.5
2	☐	10.000	4.931	3044.86	0.0013	P	9.0
3	☐	250.000	256.648	125818.24	0.0518	P	1.4
4	☐	625.000	627.926	315328.02	0.1264	P	1.4
5	☐	1250.000	1273.685	643161.93	0.2561	P	1.3
6	☐	2500.000	2532.191	1315534.92	0.5089	A	0.1
7	☐	5000.000	4977.295	2647747.28	1.0000	A	1.5
8	☐			1250.09	0.0005	P	11.1

$$y = 2.0085\text{E-}004 * x + 2.6831\text{E-}004$$

$$R = 1.0000$$

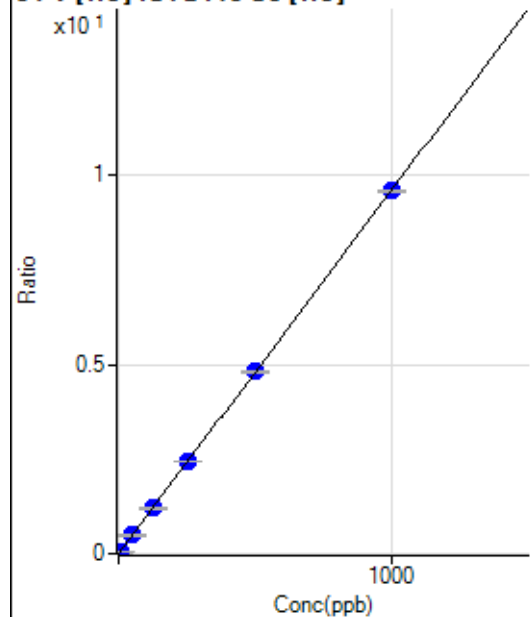
$$DL = 0.5014$$

$$BEC = 1.336$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0002	P	58.6
2	☐	5.000	4.949	4424.06	0.0478	P	7.9
3	☐	50.000	50.500	47315.77	0.4858	P	1.6
4	☐	125.000	125.025	118076.63	1.2024	P	2.2
5	☐	250.000	254.294	239675.42	2.4453	P	0.8
6	☐	500.000	500.779	490754.21	4.8153	P	0.6
7	☐	1000.000	998.509	995303.51	9.6012	P	0.4
8	☐			477.79	0.0049	P	7.2

$$y = 0.0096 * x + 2.0896\text{E-}004$$

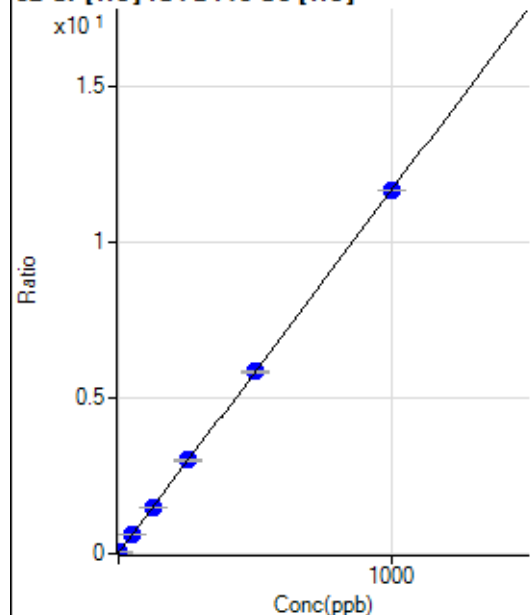
$$R = 1.0000$$

$$DL = 0.03819$$

$$BEC = 0.02173$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1665.67	0.0173	P	1.8
2	☐	2.000	1.907	3656.06	0.0395	P	7.5
3	☐	50.000	51.251	59879.16	0.6146	P	0.7
4	☐	125.000	127.200	147313.10	1.4999	P	1.1
5	☐	250.000	257.217	295528.72	3.0153	P	1.4
6	☐	500.000	499.421	595011.19	5.8383	P	0.8
7	☐	1000.000	998.148	1207848.74	11.6513	P	0.1
8	☐			21495.12	0.2224	P	1.9

$$y = 0.0117 * x + 0.0173$$

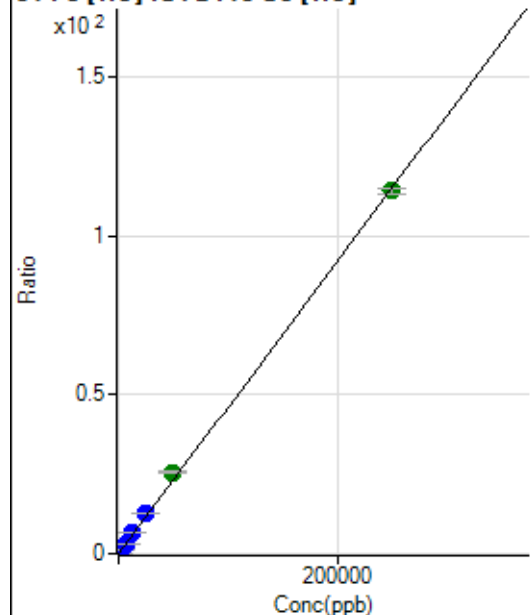
$$R = 1.0000$$

$$DL = 0.08054$$

$$BEC = 1.482$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	624.10	0.0065	P	11.7
2	☐	50.000	56.412	2996.66	0.0324	P	6.4
3	☐	2500.000	2819.515	126669.40	1.3004	P	1.3
4	☐	6250.000	6887.796	311093.88	3.1674	P	1.3
5	☐	12500.000	13974.786	629260.00	6.4198	P	0.3
6	☐	25000.000	27249.747	1275163.97	12.5120	P	0.6
7	☐	50000.000	55703.856	2650625.67	25.5703	A	1.9
8	☐	250000.00	248541.37	11026696.54	114.0681	A	1.6

$$y = 4.5892E-004 * x + 0.0065$$

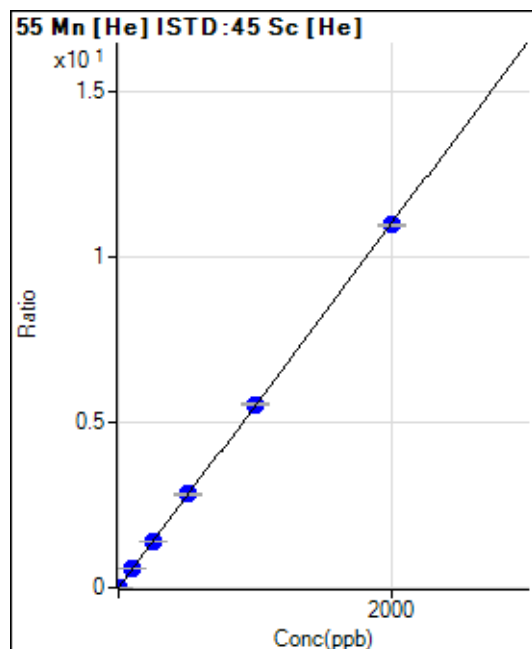
$$R = 0.9997$$

$$DL = 4.954$$

$$BEC = 14.1$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	115.56	0.0012	P	2.8
2	☐	1.000	1.005	624.47	0.0067	P	8.1
3	☐	100.000	101.996	54786.89	0.5625	P	2.3
4	☐	250.000	253.697	137236.63	1.3974	P	1.7
5	☐	500.000	512.876	276767.13	2.8237	P	0.5
6	☐	1000.000	1007.848	565412.33	5.5477	P	0.2
7	☐	2000.000	1992.295	1136718.55	10.9655	P	0.4
8	☐			5085.41	0.0526	P	1.3

$$y = 0.0055 * x + 0.0012$$

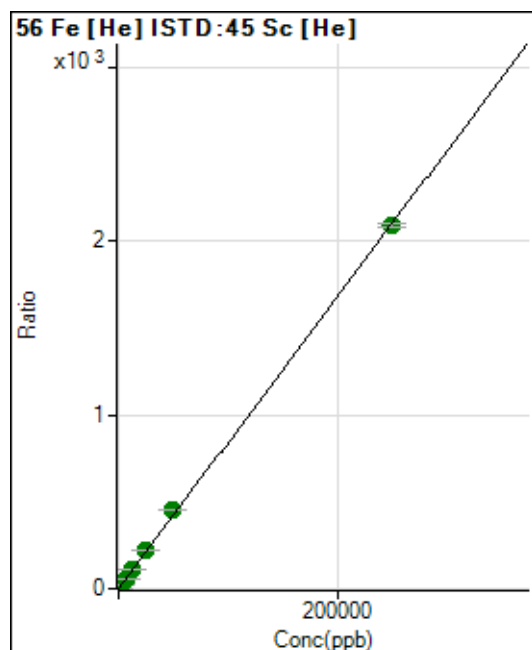
$$R = 1.0000$$

$$DL = 0.01831$$

$$BEC = 0.2176$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4324.81	0.0449	P	3.8
2	☐	50.000	54.855	46720.81	0.5046	P	6.6
3	☐	2500.000	2820.620	2306640.18	23.6833	A	2.4
4	☐	6250.000	6862.851	5652434.62	57.5597	A	2.4
5	☐	12500.000	13775.313	11319429.53	115.4902	A	0.9
6	☐	25000.000	26933.897	23009989.40	225.7670	A	0.7
7	☐	50000.000	53843.972	46782470.95	451.2895	A	0.4
8	☐	250000.00	248955.52	201714691.5	2,086.441	A	1.2

$$y = 0.0084 * x + 0.0449$$

$$R = 0.9999$$

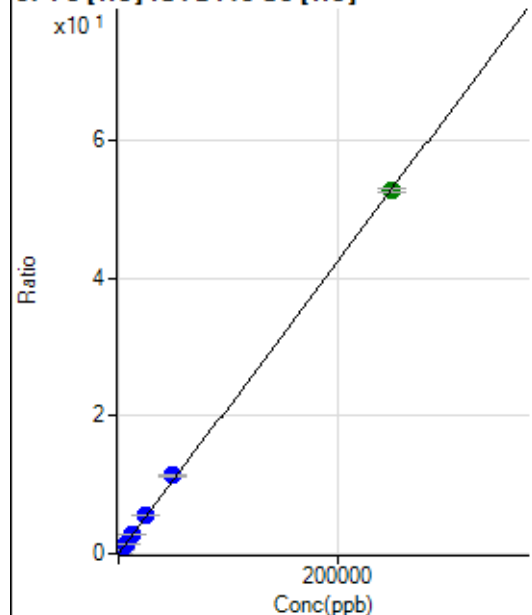
$$DL = 0.6127$$

$$BEC = 5.353$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	168.52	0.0017	P	24.5
2	☐	50.000	54.852	1238.97	0.0133	P	8.4
3	☐	2500.000	2750.965	56822.27	0.5834	P	1.4
4	☐	6250.000	6778.834	140926.56	1.4349	P	1.5
5	☐	12500.000	13684.233	283732.15	2.8949	P	1.3
6	☐	25000.000	26826.870	578206.43	5.6735	P	0.6
7	☐	50000.000	53508.905	1172857.94	11.3145	P	0.9
8	☐	250000.00	249040.58	5090289.47	52.6536	A	1.1

$$y = 2.1142\text{E-}004 * x + 0.0017$$

$$R = 0.9999$$

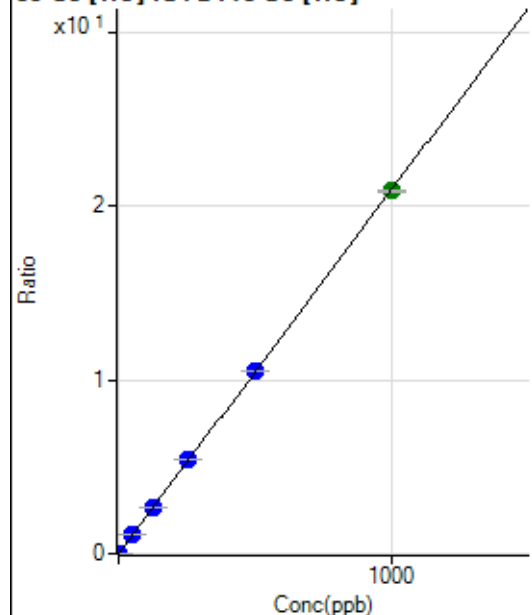
$$DL = 6.08$$

$$BEC = 8.276$$

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	60.00	0.0006	P	16.0
2	☐	1.000	0.952	1899.03	0.0205	P	8.3
3	☐	50.000	51.624	105200.88	1.0800	P	1.2
4	☐	125.000	127.729	262340.07	2.6713	P	1.8
5	☐	250.000	257.498	527776.64	5.3846	P	0.2
6	☐	500.000	501.119	1067932.55	10.4784	P	0.2
7	☐	1000.000	997.144	2161374.43	20.8496	A	0.4
8	☐			3331.54	0.0345	P	3.0

$$y = 0.0209 * x + 6.2288\text{E-}004$$

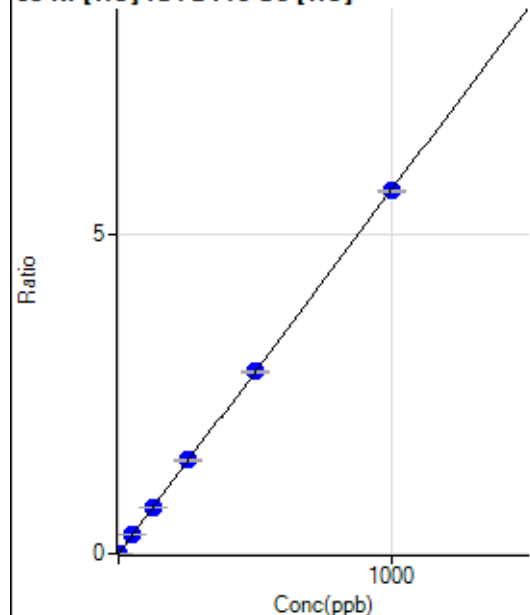
$$R = 1.0000$$

$$DL = 0.0143$$

$$BEC = 0.02979$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0012	P	22.8
2	☐	1.000	1.120	700.03	0.0076	P	4.4
3	☐	50.000	52.747	29444.97	0.3023	P	1.2
4	☐	125.000	127.920	71834.59	0.7314	P	1.8
5	☐	250.000	256.967	143902.01	1.4682	P	1.0
6	☐	500.000	500.910	291557.94	2.8608	P	0.9
7	☐	1000.000	997.301	590324.70	5.6947	P	0.7
8	☐			6847.26	0.0708	P	1.7

$$y = 0.0057 * x + 0.0012$$

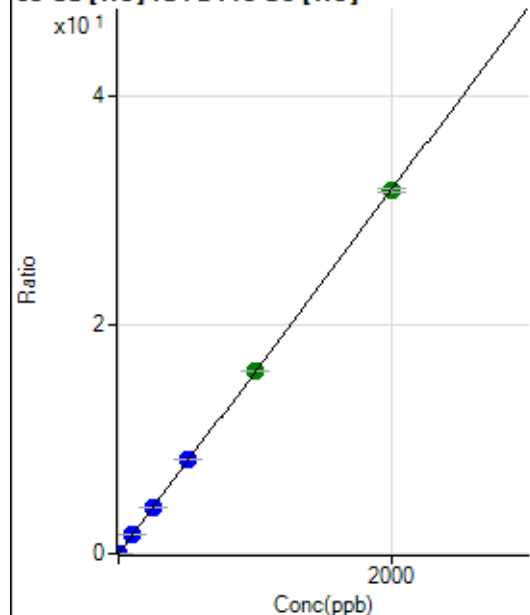
$$R = 1.0000$$

$$DL = 0.1387$$

$$BEC = 0.2024$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.78	0.0015	P	8.6
2	☐	2.000	2.010	3094.81	0.0335	P	8.8
3	☐	100.000	103.234	159797.06	1.6407	P	2.2
4	☐	250.000	255.725	398928.86	4.0619	P	1.6
5	☐	500.000	516.211	803470.41	8.1979	P	1.4
6	☐	1000.000	1002.848	1623006.45	15.9246	A	0.2
7	☐	2000.000	1993.646	3281849.12	31.6563	A	1.1
8	☐			8451.47	0.0874	P	2.3

$$y = 0.0159 * x + 0.0015$$

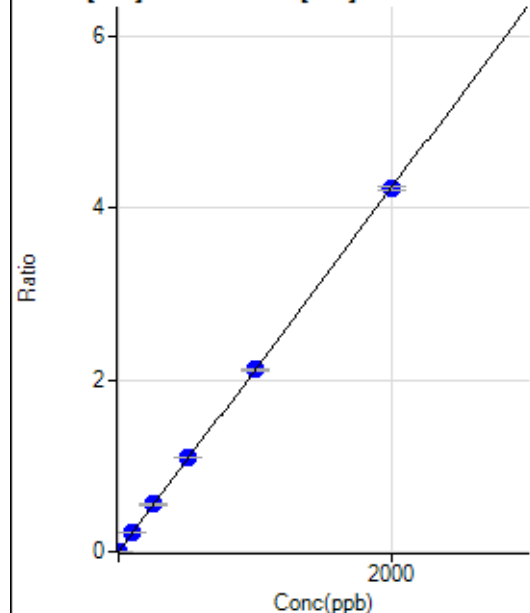
$$R = 1.0000$$

$$DL = 0.02479$$

$$BEC = 0.09651$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	101.11	0.0010	P	14.1
2	☐	2.000	2.044	500.01	0.0054	P	11.9
3	☐	100.000	102.163	21150.30	0.2172	P	4.2
4	☐	250.000	258.984	53918.90	0.5490	P	1.3
5	☐	500.000	519.400	107808.34	1.1000	P	0.9
6	☐	1000.000	1001.039	215956.52	2.1190	P	0.6
7	☐	2000.000	1993.399	437293.48	4.2186	P	1.0
8	☐			7116.29	0.0736	P	1.3

$$y = 0.0021 * x + 0.0010$$

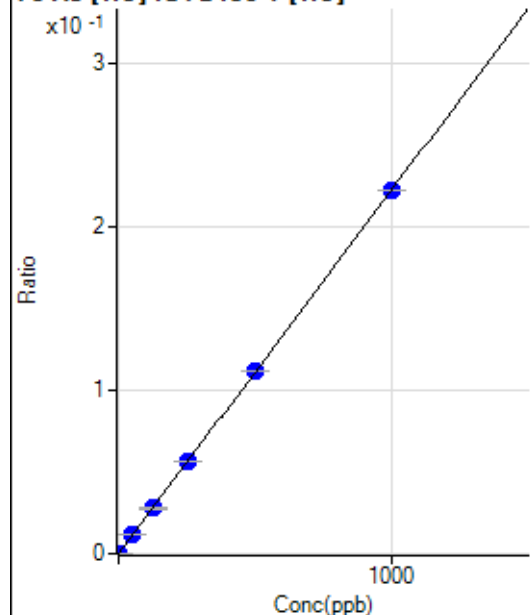
$$R = 0.9999$$

$$DL = 0.2089$$

$$BEC = 0.4947$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.00	0.0000	P	88.2
2	☐	1.000	0.876	134.35	0.0002	P	7.3
3	☐	50.000	50.912	7966.05	0.0113	P	2.2
4	☐	125.000	125.564	19781.77	0.0279	P	2.1
5	☐	250.000	254.162	40563.93	0.0565	P	1.7
6	☐	500.000	501.571	82055.91	0.1115	P	0.4
7	☐	1000.000	998.058	167518.65	0.2219	P	0.1
8	☐			89.34	0.0001	P	12.2

$$y = 2.2231E-004 * x + 4.2295E-006$$

$$R = 1.0000$$

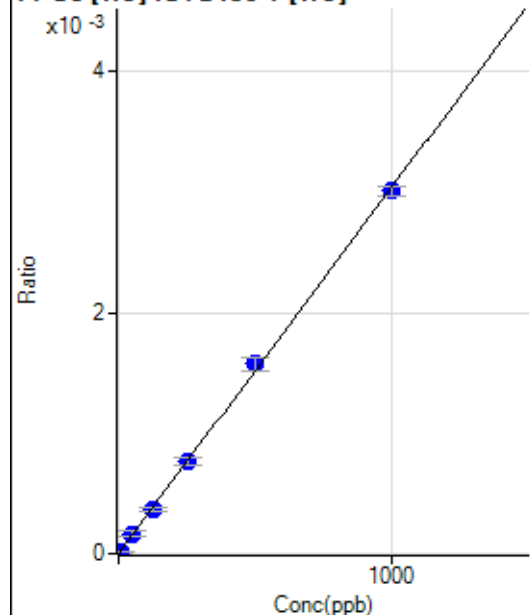
$$DL = 0.05032$$

$$BEC = 0.01903$$

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	1.11	0.0000	P	173.2
2	☐	5.000	4.422	10.00	0.0000	P	38.6
3	☐	50.000	54.647	117.78	0.0002	P	24.6
4	☐	125.000	120.918	261.11	0.0004	P	10.5
5	☐	250.000	251.913	550.02	0.0008	P	8.7
6	☐	500.000	517.602	1157.84	0.0016	P	7.5
7	☐	1000.000	991.002	2273.54	0.0030	P	3.0
8	☐			1.11	0.0000	P	173.2

$$y = 3.0370\text{E-}006 * x + 1.5672\text{E-}006$$

$$R = 0.9997$$

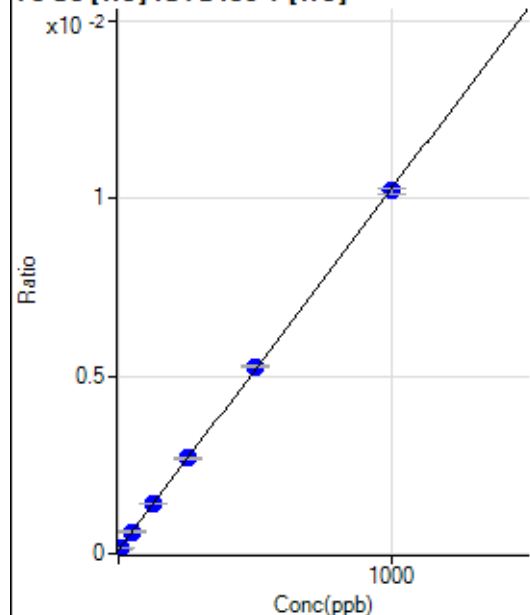
$$DL = 2.681$$

$$BEC = 0.516$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.34	0.0001	P	12.9
2	☐	5.000	5.499	105.68	0.0002	P	7.4
3	☐	50.000	50.299	431.05	0.0006	P	6.9
4	☐	125.000	129.327	1004.14	0.0014	P	2.0
5	☐	250.000	254.000	1927.66	0.0027	P	1.4
6	☐	500.000	508.143	3878.93	0.0053	P	0.9
7	☐	1000.000	994.370	7714.23	0.0102	P	1.8
8	☐			77.01	0.0001	P	11.5

$$y = 1.0175\text{E-}005 * x + 1.0078\text{E-}004$$

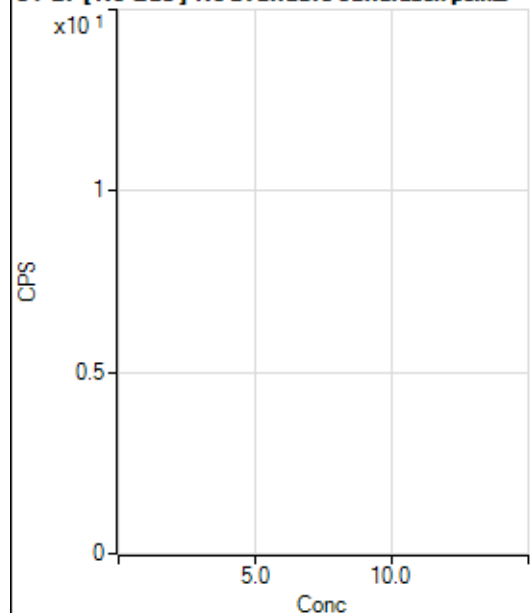
$$R = 0.9999$$

$$DL = 3.833$$

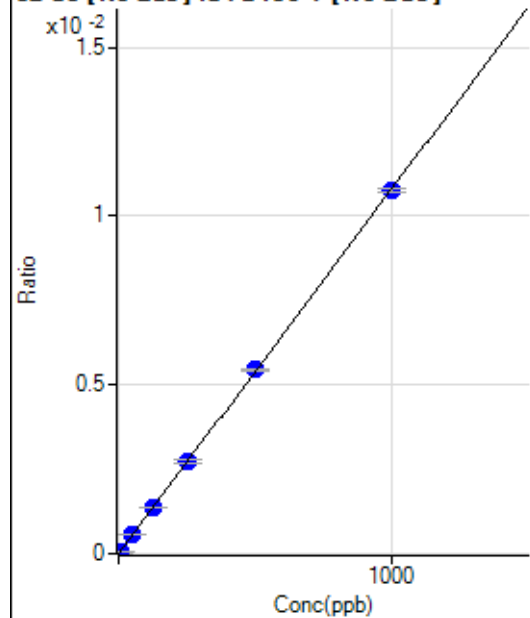
$$BEC = 9.905$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2753.12		P	2.2
2	☐			2946.68		P	6.1
3	☐			2809.85		P	2.4
4	☐			2709.73		P	3.5
5	☐			2833.22		P	2.3
6	☐			2683.03		P	4.4
7	☐			2873.25		P	7.4
8	☐			3036.80		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-33.30	0.0000	P	-266.
2	☐	5.000	4.961	240.51	0.0000	P	21.3
3	☐	50.000	53.460	2921.22	0.0006	P	3.3
4	☐	125.000	126.945	7181.35	0.0014	P	0.6
5	☐	250.000	253.266	14688.31	0.0027	P	2.3
6	☐	500.000	505.850	30081.84	0.0055	P	1.1
7	☐	1000.000	995.843	60589.01	0.0108	P	1.1
8	☐			9.17	0.0000	P	413.4

$$y = 1.0803E-005 * x - 6.2669E-006$$

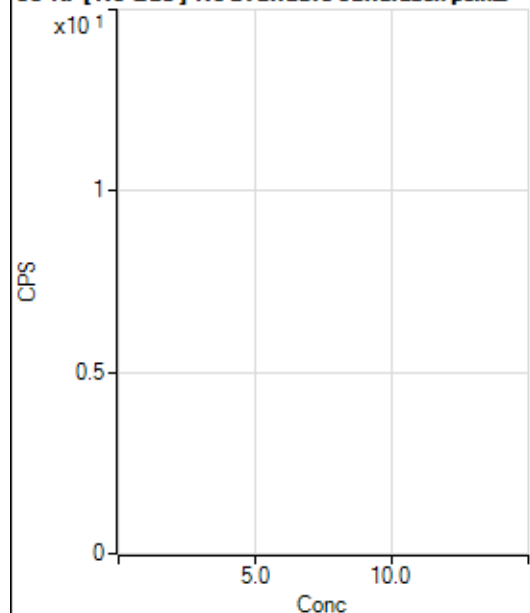
$$R = 1.0000$$

$$DL = 4.645$$

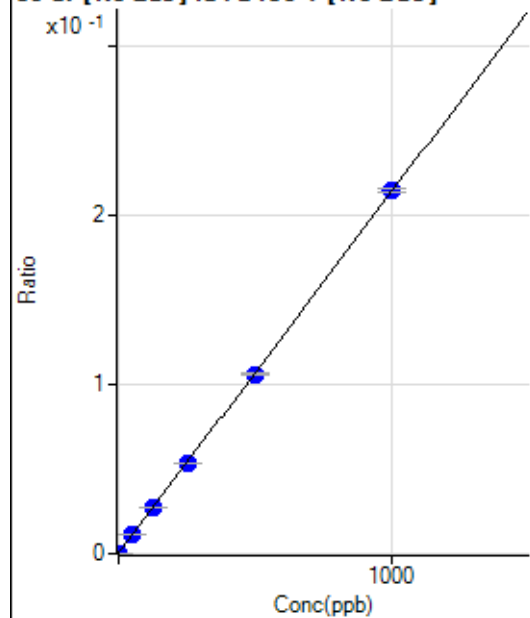
$$BEC = -0.5801$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			907.82		P	9.0
2	☐			908.93		P	5.0
3	☐			831.15		P	12.0
4	☐			907.82		P	4.1
5	☐			946.71		P	1.9
6	☐			908.93		P	1.5
7	☐			922.26		P	7.5
8	☐			890.04		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1344.55	0.0003	P	4.1
2	☐	1.000	1.085	2508.63	0.0005	P	8.2
3	☐	50.000	50.568	56640.42	0.0111	P	0.7
4	☐	125.000	125.308	142348.35	0.0271	P	0.5
5	☐	250.000	249.094	288082.23	0.0535	P	0.8
6	☐	500.000	495.286	585167.90	0.1062	P	1.4
7	☐	1000.000	1002.516	1209628.99	0.2147	P	1.2
8	☐			3642.23	0.0007	P	5.0

$$y = 2.1386E-004 * x + 2.6126E-004$$

$$R = 1.0000$$

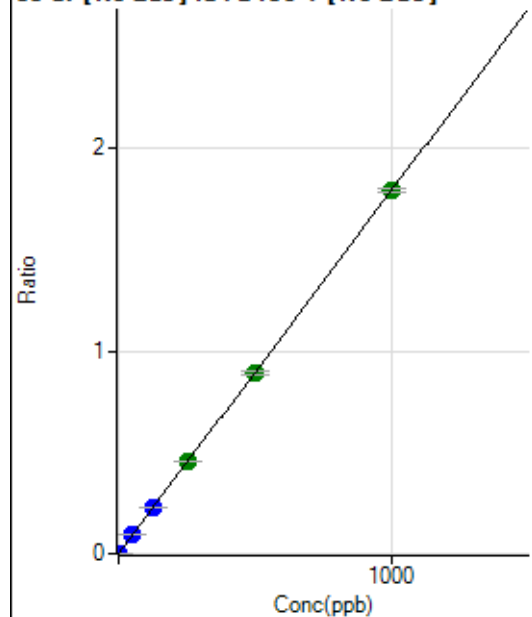
$$DL = 0.1485$$

$$BEC = 1.222$$

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	69.44	0.0000	P	13.1
2	☐	1.000	0.908	8330.47	0.0016	P	1.8
3	☐	50.000	51.777	474172.08	0.0927	P	0.3
4	☐	125.000	128.796	1213258.98	0.2306	P	0.2
5	☐	250.000	255.141	2458560.95	0.4568	A	0.6
6	☐	500.000	498.451	4918381.79	0.8925	A	1.7
7	☐	1000.000	998.926	10079245.97	1.7886	A	1.0
8	☐			20721.37	0.0039	P	1.3

$$y = 0.0018 * x + 1.3483E-005$$

$$R = 1.0000$$

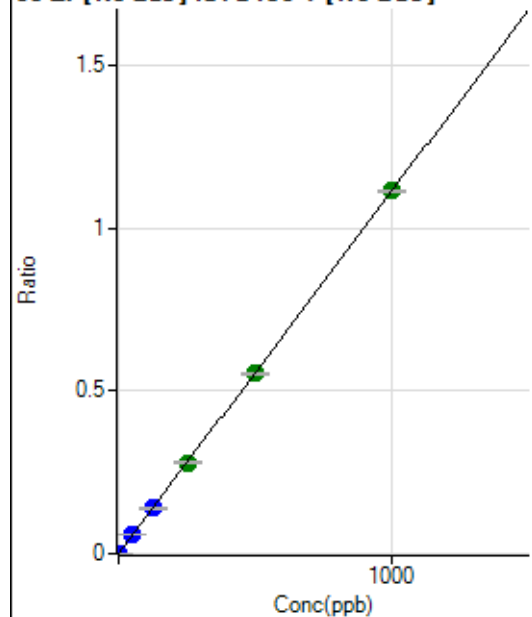
$$DL = 0.002966$$

$$BEC = 0.00753$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	227.79	0.0000	P	10.7
2	☐	1.000	0.891	5270.61	0.0010	P	3.9
3	☐	50.000	50.884	289989.01	0.0567	P	0.2
4	☐	125.000	124.747	730962.86	0.1390	P	1.4
5	☐	250.000	250.694	1502349.00	0.2792	A	1.9
6	☐	500.000	496.492	3047185.14	0.5529	A	1.4
7	☐	1000.000	1001.568	6285265.46	1.1153	A	0.5
8	☐			2094.67	0.0004	P	3.2

$$y = 0.0011 * x + 4.4304E-005$$

$$R = 1.0000$$

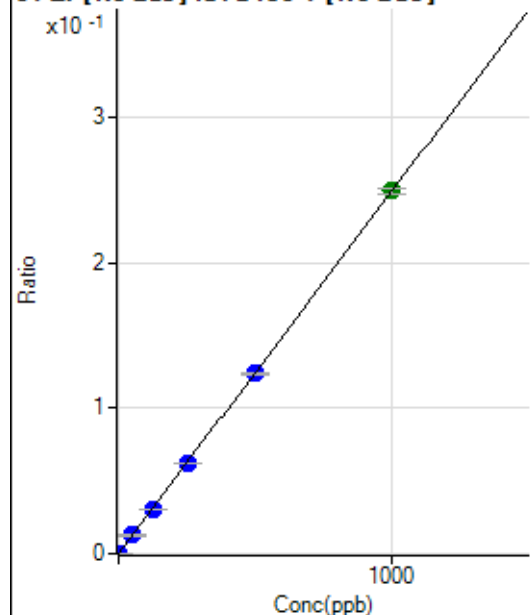
$$DL = 0.01279$$

$$BEC = 0.03979$$

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	44.44	0.0000	P	41.2
2	☐	1.000	0.939	1230.64	0.0002	P	4.1
3	☐	50.000	50.557	64312.49	0.0126	P	1.8
4	☐	125.000	123.376	161365.54	0.0307	P	1.9
5	☐	250.000	247.576	331246.17	0.0615	P	0.5
6	☐	500.000	497.372	681442.61	0.1236	P	0.7
7	☐	1000.000	1002.096	1403724.31	0.2491	A	1.4
8	☐			463.91	0.0001	P	10.3

$$y = 2.4857\text{E-}004 * x + 8.5897\text{E-}006$$

$$R = 1.0000$$

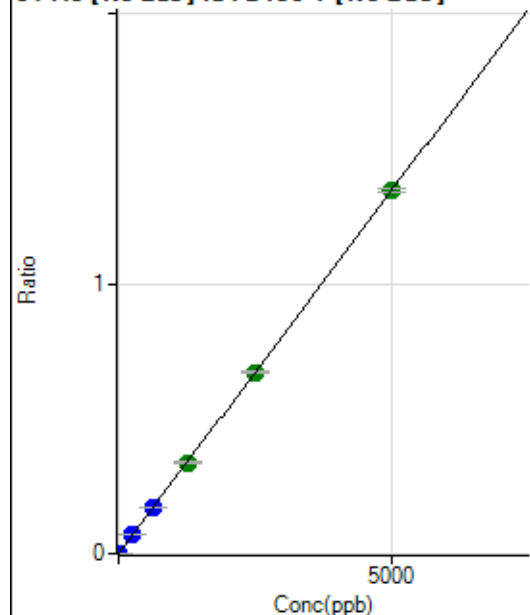
$$DL = 0.04271$$

$$BEC = 0.03456$$

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	94.45	0.0000	P	14.9
2	☐	10.000	4.639	6440.54	0.0013	P	3.5
3	☐	250.000	258.398	355719.64	0.0696	P	1.2
4	☐	625.000	637.808	903068.19	0.1717	P	0.6
5	☐	1250.000	1254.446	1816710.87	0.3376	A	2.0
6	☐	2500.000	2497.801	3705006.25	0.6722	A	0.8
7	☐	5000.000	4997.978	7579913.45	1.3451	A	0.9
8	☐			4281.33	0.0008	P	1.0

$$y = 2.6912\text{E-}004 * x + 1.8377\text{E-}005$$

$$R = 1.0000$$

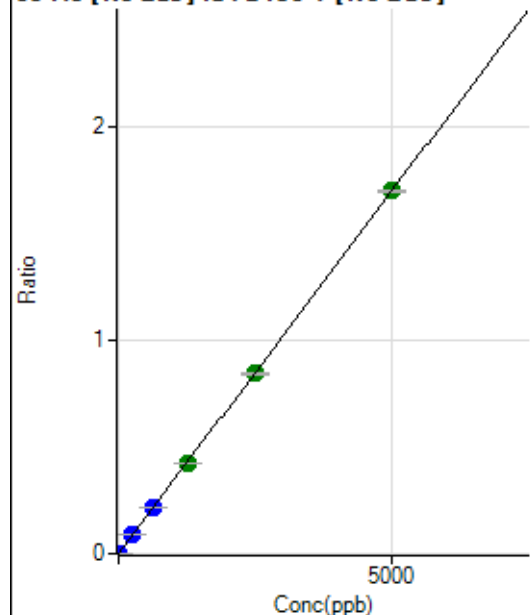
$$DL = 0.0305$$

$$BEC = 0.06829$$

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	38.89	0.0000	P	31.4
2	☐	10.000	4.591	7946.91	0.0016	P	4.4
3	☐	250.000	258.097	447264.66	0.0875	P	1.3
4	☐	625.000	631.938	1126511.36	0.2141	P	0.6
5	☐	1250.000	1248.536	2276656.43	0.4230	A	1.2
6	☐	2500.000	2484.620	4640202.40	0.8419	A	0.3
7	☐	5000.000	5006.795	9560107.77	1.6964	A	0.8
8	☐			6065.36	0.0011	P	1.3

$$y = 3.3883\text{E-}004 * x + 7.5338\text{E-}006$$

$$R = 1.0000$$

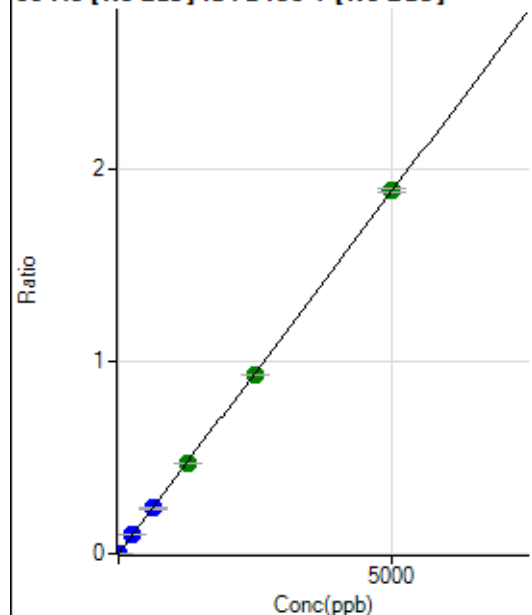
$$DL = 0.02095$$

$$BEC = 0.02223$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	24.4
2	☐	10.000	4.690	9047.61	0.0018	P	3.2
3	☐	250.000	254.201	488873.69	0.0956	P	0.2
4	☐	625.000	626.056	1238439.47	0.2354	P	0.8
5	☐	1250.000	1249.973	2529361.43	0.4700	A	1.0
6	☐	2500.000	2472.524	5123951.46	0.9297	A	0.6
7	☐	5000.000	5013.413	10622546.68	1.8850	A	1.2
8	☐			7424.40	0.0014	P	1.9

$$y = 3.7599\text{E-}004 * x + 1.6142\text{E-}005$$

$$R = 1.0000$$

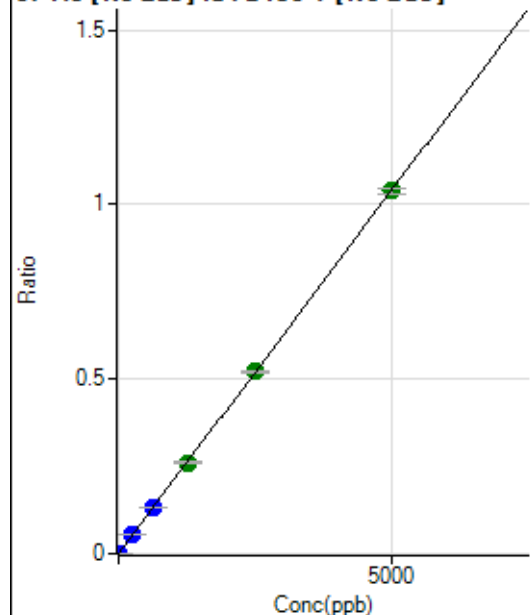
$$DL = 0.03148$$

$$BEC = 0.04293$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	54.8
2	☐	10.000	4.747	5051.04	0.0010	P	1.6
3	☐	250.000	256.807	273290.38	0.0534	P	1.4
4	☐	625.000	634.116	694103.05	0.1319	P	0.7
5	☐	1250.000	1255.741	1405977.97	0.2613	A	1.9
6	☐	2500.000	2504.914	2872438.83	0.5212	A	1.3
7	☐	5000.000	4994.638	5856137.59	1.0392	A	1.5
8	☐			3761.72	0.0007	P	4.5

$$y = 2.0807\text{E-}004 * x + 5.8970\text{E-}006$$

$$R = 1.0000$$

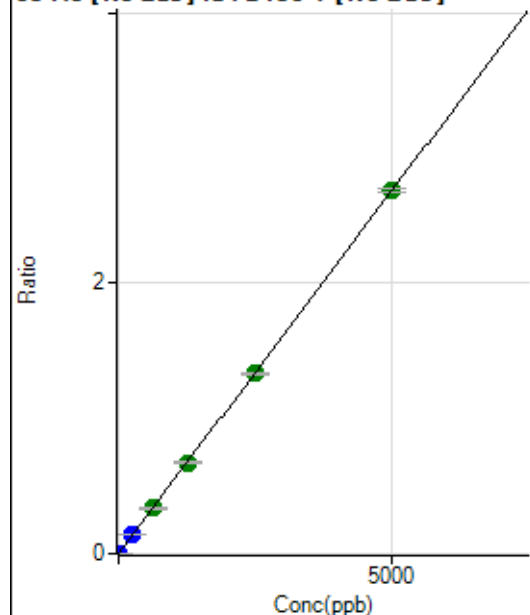
$$DL = 0.04659$$

$$BEC = 0.02834$$

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	30.56	0.0000	P	40.4
2	☐	10.000	4.974	13595.86	0.0027	P	1.9
3	☐	250.000	258.544	709300.08	0.1387	P	1.2
4	☐	625.000	625.424	1764875.50	0.3355	A	1.2
5	☐	1250.000	1250.044	3608164.36	0.6706	A	2.4
6	☐	2500.000	2490.558	7362954.59	1.3360	A	1.1
7	☐	5000.000	5004.240	15127431.93	2.6844	A	1.1
8	☐			9536.87	0.0018	P	3.1

$$y = 5.3643\text{E-}004 * x + 5.9145\text{E-}006$$

$$R = 1.0000$$

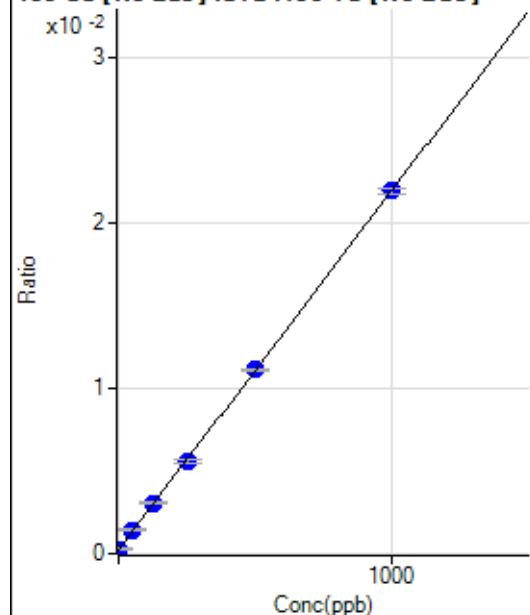
$$DL = 0.01335$$

$$BEC = 0.01103$$

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	913.95	0.0002	P	13.8
2	☐	1.000	1.811	1061.18	0.0003	P	8.1
3	☐	50.000	55.302	5487.34	0.0014	P	2.1
4	☐	125.000	129.562	11872.10	0.0031	P	4.3
5	☐	250.000	244.229	22354.76	0.0055	P	4.7
6	☐	500.000	500.996	46175.19	0.0111	P	1.4
7	☐	1000.000	1000.108	93105.02	0.0220	P	1.9
8	☐			1147.30	0.0003	P	2.3

$$y = 2.1734\text{E-}005 * x + 2.4055\text{E-}004$$

$$R = 1.0000$$

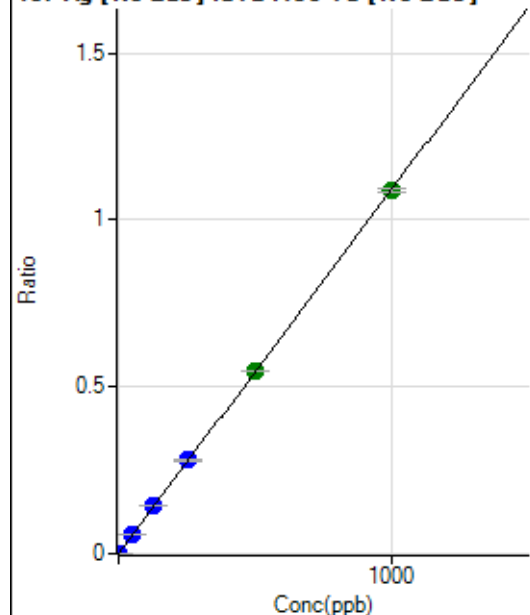
$$DL = 4.589$$

$$BEC = 11.07$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	16.2
2	☐	1.000	0.957	3992.37	0.0011	P	2.2
3	☐	50.000	53.302	221219.08	0.0582	P	0.5
4	☐	125.000	130.908	554834.31	0.1428	P	1.3
5	☐	250.000	257.582	1132477.03	0.2810	P	1.9
6	☐	500.000	501.196	2268619.41	0.5468	A	0.7
7	☐	1000.000	996.603	4606125.19	1.0872	A	1.0
8	☐			1786.61	0.0005	P	29.9

$$y = 0.0011 * x + 8.0418\text{E-}006$$

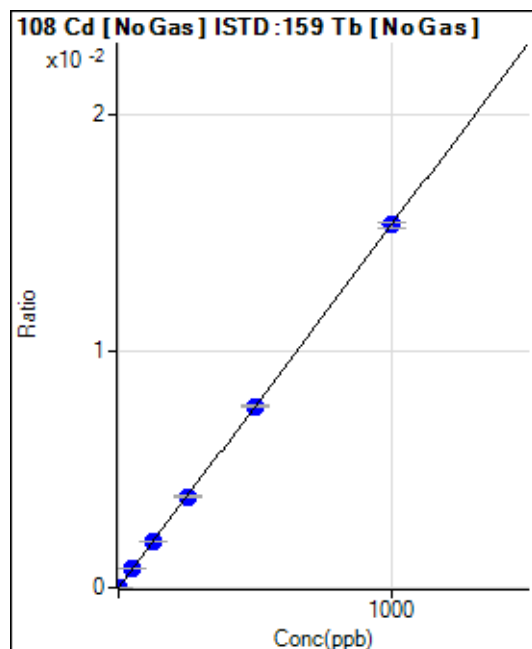
$$R = 1.0000$$

$$DL = 0.00359$$

$$BEC = 0.007372$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.8
2	☐	1.000	0.765	55.55	0.0000	P	16.4
3	☐	50.000	53.162	3112.89	0.0008	P	3.7
4	☐	125.000	127.524	7610.53	0.0020	P	2.4
5	☐	250.000	250.892	15524.13	0.0039	P	1.3
6	☐	500.000	499.040	31775.45	0.0077	P	1.0
7	☐	1000.000	999.784	64983.88	0.0153	P	1.3
8	☐			37.50	0.0000	P	29.4

$$y = 1.5339\text{E-}005 * x + 2.9191\text{E-}006$$

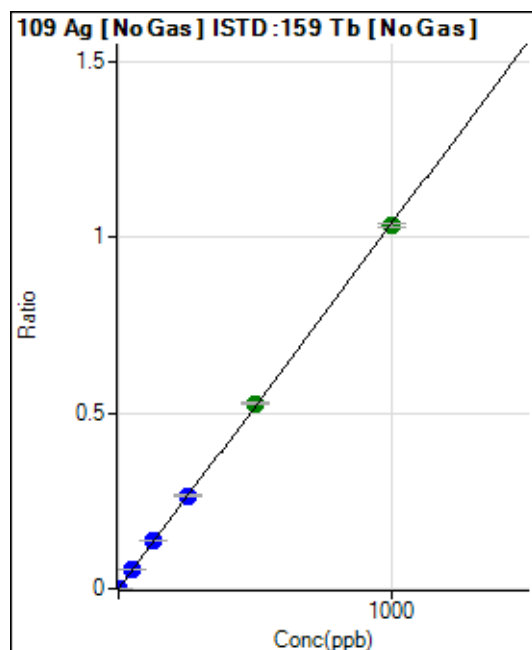
$$R = 1.0000$$

$$DL = 0.6556$$

$$BEC = 0.1903$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.2
2	☐	1.000	0.883	3497.77	0.0009	P	9.1
3	☐	50.000	52.411	207301.38	0.0545	P	1.8
4	☐	125.000	130.179	525844.74	0.1354	P	1.1
5	☐	250.000	255.448	1070447.33	0.2656	P	1.4
6	☐	500.000	507.304	2188607.60	0.5275	A	1.5
7	☐	1000.000	994.218	4379716.85	1.0337	A	1.0
8	☐			1427.89	0.0004	P	9.5

$$y = 0.0010 * x + 4.3892\text{E-}006$$

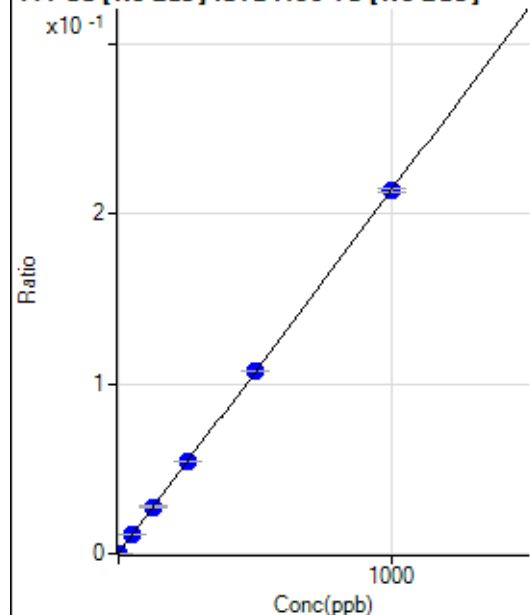
$$R = 0.9999$$

$$DL = 0.006352$$

$$BEC = 0.004222$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	636.16	0.0002	P	14.1
2	☐	1.000	0.961	1415.08	0.0004	P	2.6
3	☐	50.000	51.644	42662.00	0.0112	P	0.8
4	☐	125.000	128.303	107275.82	0.0276	P	1.8
5	☐	250.000	252.898	218715.34	0.0543	P	1.4
6	☐	500.000	501.726	446021.44	0.1075	P	0.1
7	☐	1000.000	997.917	905118.57	0.2136	P	1.2
8	☐			1078.26	0.0003	P	2.0

$$y = 2.1392\text{E-}004 * x + 1.6743\text{E-}004$$

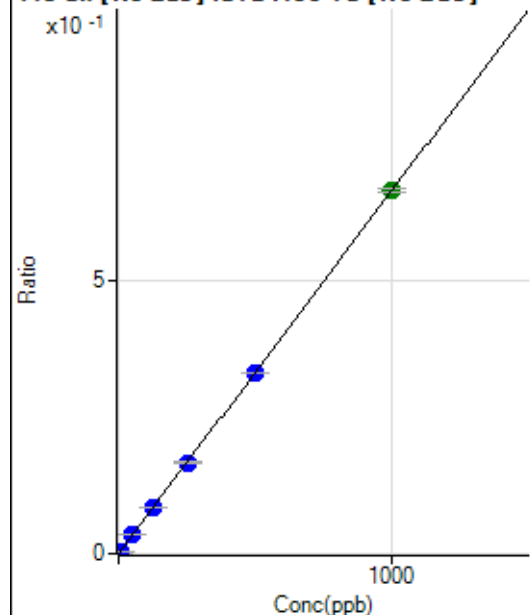
$$R = 1.0000$$

$$DL = 0.3317$$

$$BEC = 0.7827$$

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	247.23	0.0001	P	10.9
2	☐	5.000	4.739	12194.62	0.0032	P	2.8
3	☐	50.000	51.675	130905.73	0.0344	P	2.1
4	☐	125.000	128.012	330815.71	0.0852	P	1.1
5	☐	250.000	251.350	673629.37	0.1671	P	1.2
6	☐	500.000	497.301	1371832.39	0.3306	P	0.3
7	☐	1000.000	1000.553	2817904.95	0.6651	A	1.0
8	☐			2000.20	0.0005	P	2.4

$$y = 6.6469\text{E-}004 * x + 6.5061\text{E-}005$$

$$R = 1.0000$$

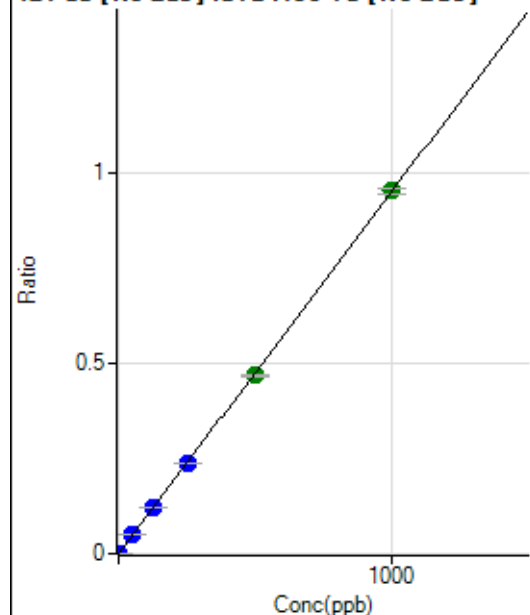
$$DL = 0.03199$$

$$BEC = 0.09788$$

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	22.22	0.0000	P	78.2
2	☐	2.000	1.793	6465.60	0.0017	P	7.4
3	☐	50.000	51.394	185305.02	0.0487	P	0.2
4	☐	125.000	126.119	464379.70	0.1195	P	1.3
5	☐	250.000	249.795	954123.11	0.2367	P	2.0
6	☐	500.000	493.139	1939138.04	0.4674	A	1.1
7	☐	1000.000	1003.272	4028225.48	0.9508	A	1.5
8	☐			2486.41	0.0006	P	9.0

$$y = 9.4773\text{E-}004 * x + 5.8428\text{E-}006$$

$$R = 1.0000$$

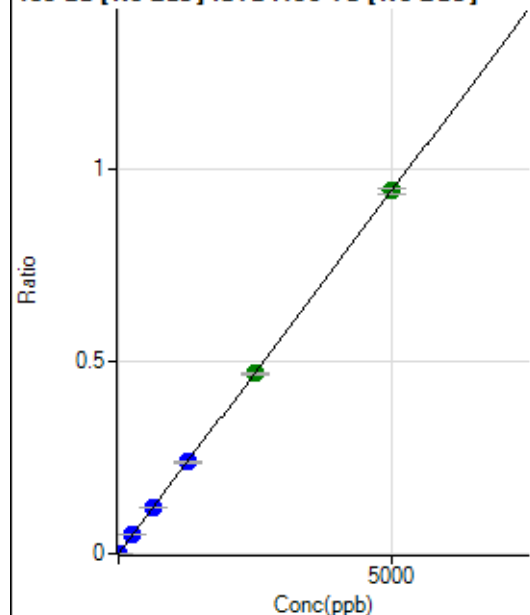
$$DL = 0.01446$$

$$BEC = 0.006165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.1
2	☐	10.000	9.467	6779.67	0.0018	P	3.8
3	☐	250.000	258.803	185383.11	0.0487	P	1.0
4	☐	625.000	639.048	467501.48	0.1203	P	0.5
5	☐	1250.000	1263.247	958576.40	0.2379	P	2.3
6	☐	2500.000	2484.705	1941175.37	0.4679	A	1.0
7	☐	5000.000	5002.141	3990229.99	0.9419	A	1.8
8	☐			7135.41	0.0018	P	6.8

$$y = 1.8829\text{E-}004 * x + 3.6584\text{E-}006$$

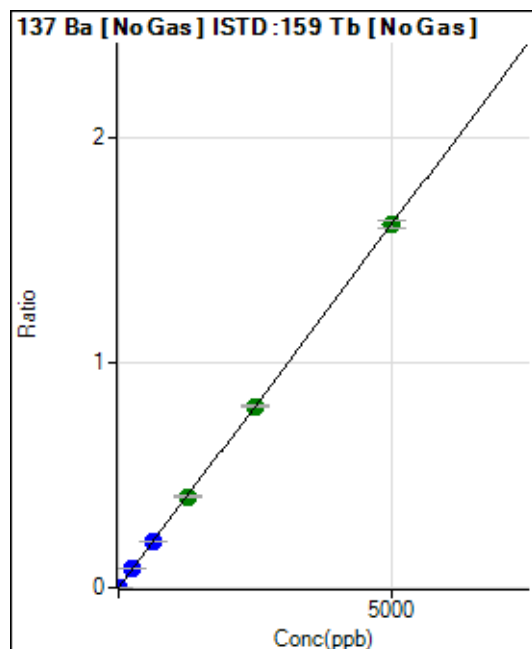
$$R = 1.0000$$

$$DL = 0.02044$$

$$BEC = 0.01943$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	65.5
2	☐	10.000	9.384	11513.57	0.0030	P	1.9
3	☐	250.000	261.159	320160.30	0.0842	P	1.4
4	☐	625.000	644.491	806868.21	0.2077	P	1.2
5	☐	1250.000	1255.142	1629918.59	0.4045	A	3.1
6	☐	2500.000	2501.782	3345180.57	0.8062	A	1.1
7	☐	5000.000	4994.830	6818949.28	1.6096	A	2.0
8	☐			12147.44	0.0031	P	3.5

$$y = 3.2224\text{E-}004 * x + 1.0241\text{E-}005$$

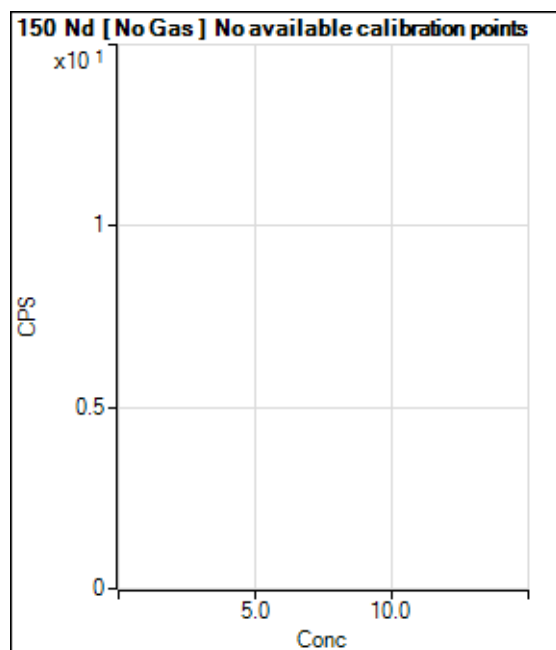
$$R = 1.0000$$

$$DL = 0.06246$$

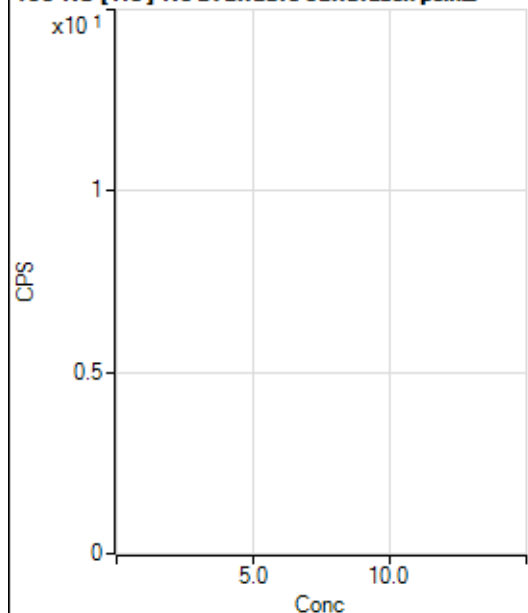
$$BEC = 0.03178$$

Weight: <None>

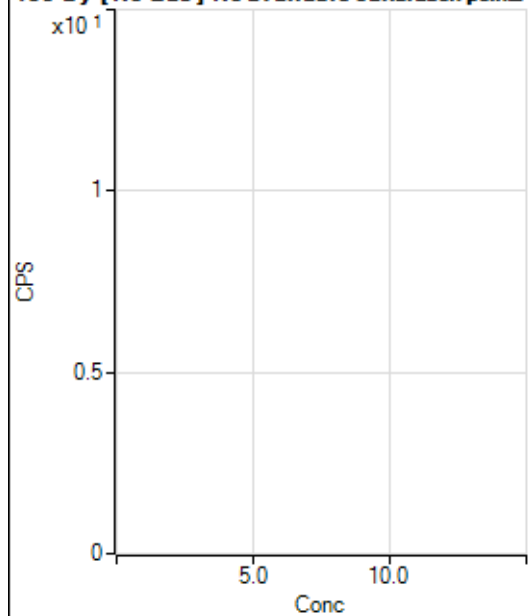
Min Conc: 0



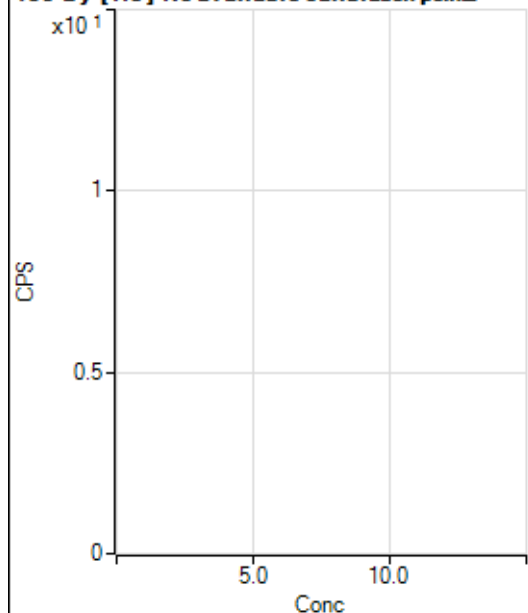
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			2.22		P	173.2
3	☐			20.00		P	66.7
4	☐			17.78		P	57.3
5	☐			28.89		P	48.0
6	☐			73.33		P	59.6
7	☐			133.34		P	47.7
8	☐			20.00		P	57.7

150 Nd [He] No available calibration points

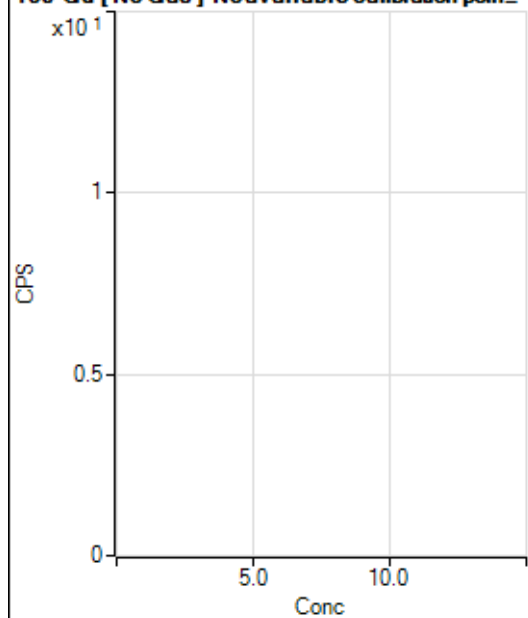
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			7.78		P	65.5
5	☐			4.44		P	114.6
6	☐			10.00		P	33.3
7	☐			17.78		P	21.7
8	☐			15.56		P	12.4

156 Dy [No Gas] No available calibration points

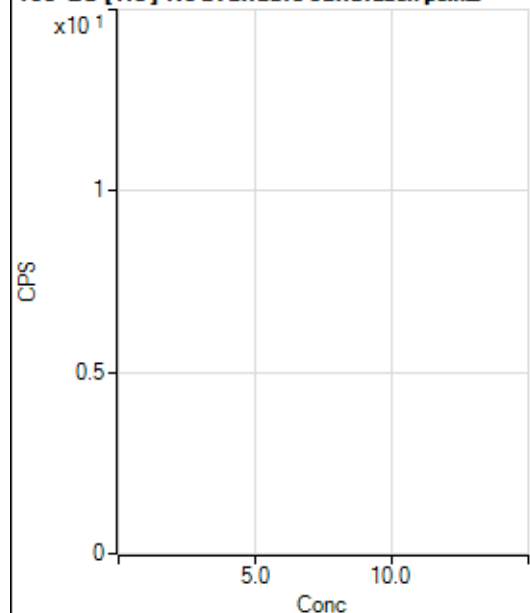
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			8.33		P	100.0
3	☐			25.00		P	100.0
4	☐			16.67		P	NaN
5	☐			11.11		P	114.6
6	☐			66.67		P	43.3
7	☐			88.89		P	21.6
8	☐			186.12		P	18.1

156 Dy [He] No available calibration points

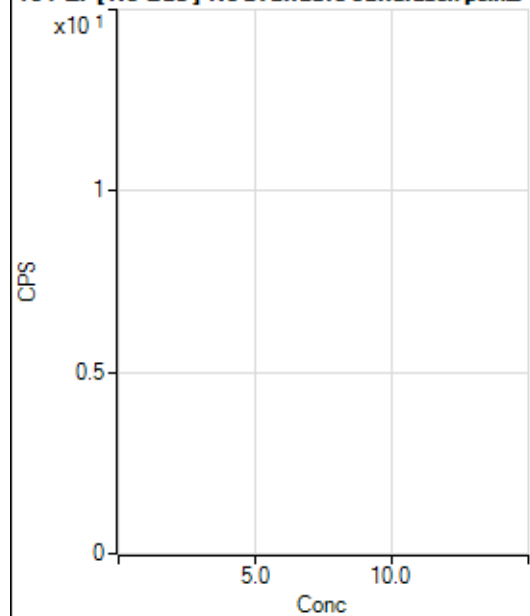
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			2.22		P	173.2
3	☐			3.33		P	0.0
4	☐			10.00		P	66.7
5	☐			5.56		P	34.7
6	☐			12.22		P	68.7
7	☐			18.89		P	53.9
8	☐			112.22		P	23.8

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

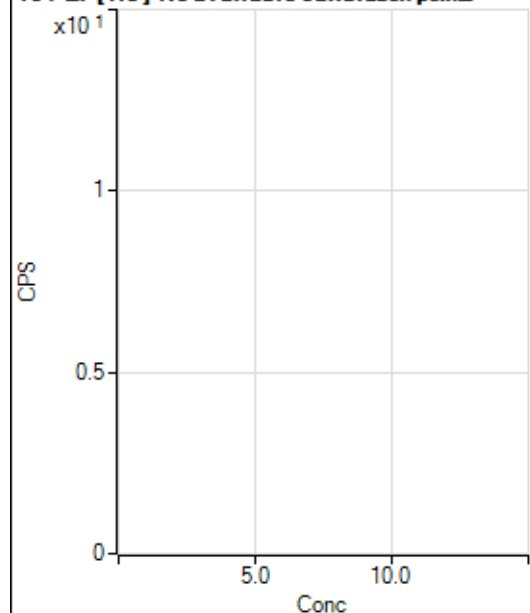
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐			44.44		P	39.0
3	☐			27.78		P	45.8
4	☐			33.33		P	43.3
5	☐			30.56		P	63.0
6	☐			61.11		P	20.8
7	☐			88.89		P	57.3
8	☐			222.23		P	15.2

160 Gd [He] No available calibration points

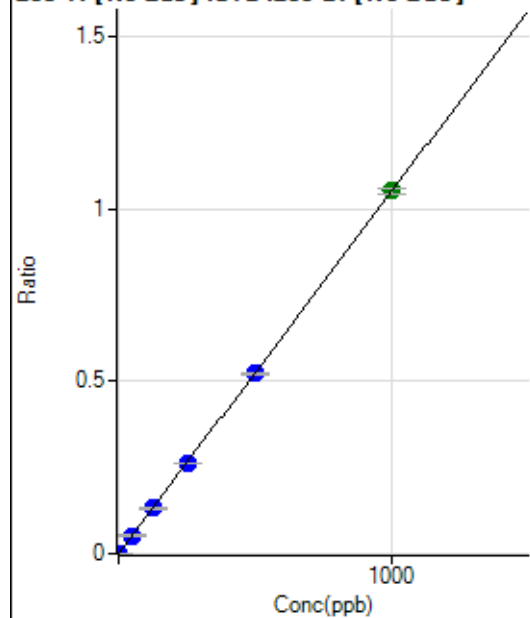
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	10.8
2	☐			8.89		P	78.1
3	☐			14.45		P	48.0
4	☐			13.33		P	66.1
5	☐			24.45		P	28.4
6	☐			23.33		P	14.3
7	☐			40.00		P	25.0
8	☐			145.56		P	10.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.9
2	☐			30.56		P	41.7
3	☐			13.89		P	69.3
4	☐			25.00		P	66.7
5	☐			13.89		P	34.7
6	☐			30.56		P	110.2
7	☐			25.00		P	0.0
8	☐			36.11		P	58.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			10.00		P	33.3
3	☐			11.11		P	45.8
4	☐			14.44		P	53.3
5	☐			6.67		P	0.0
6	☐			11.11		P	17.3
7	☐			16.67		P	52.9
8	☐			28.89		P	24.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.9
2	☐	1.000	0.823	1752.95	0.0009	P	2.3
3	☐	50.000	50.375	107412.02	0.0530	P	0.7
4	☐	125.000	124.808	270370.05	0.1313	P	1.2
5	☐	250.000	249.332	550425.47	0.2623	P	0.8
6	☐	500.000	496.725	1135649.43	0.5225	P	0.9
7	☐	1000.000	1001.810	2330253.29	1.0539	A	1.3
8	☐			1416.79	0.0007	P	11.1

$$y = 0.0011 * x + 5.5087E-006$$

$$R = 1.0000$$

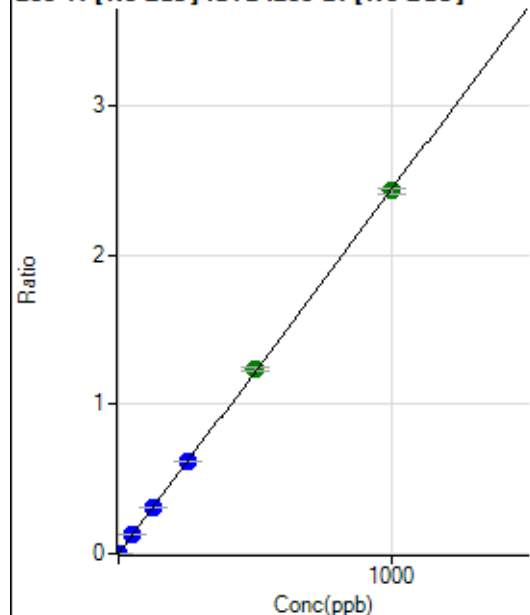
$$DL = 0.01805$$

$$BEC = 0.005237$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.9
2	☐	1.000	0.900	4475.90	0.0022	P	3.4
3	☐	50.000	50.724	250986.62	0.1238	P	1.1
4	☐	125.000	127.668	641772.83	0.3116	P	0.6
5	☐	250.000	253.446	1298284.14	0.6187	P	1.2
6	☐	500.000	504.790	2677898.67	1.2321	A	2.0
7	☐	1000.000	996.374	5377732.89	2.4320	A	1.7
8	☐			3178.27	0.0016	P	4.3

$$y = 0.0024 * x + 2.7483E-005$$

$$R = 1.0000$$

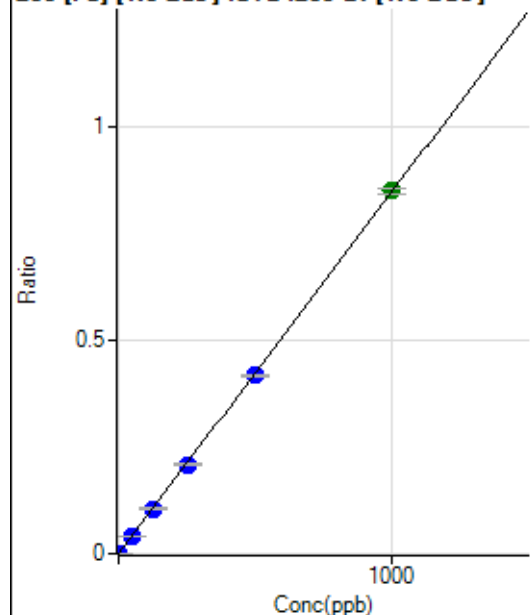
$$DL = 0.005693$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	135.19	0.0001	P	18.7
2	☐	1.000	0.838	1564.94	0.0008	P	5.6
3	☐	50.000	49.587	85354.78	0.0421	P	0.3
4	☐	125.000	124.420	217381.89	0.1056	P	1.4
5	☐	250.000	247.296	440189.78	0.2098	P	1.3
6	☐	500.000	493.677	909958.32	0.4187	P	1.1
7	☐	1000.000	1003.931	1882625.11	0.8514	A	1.4
8	☐			8050.83	0.0041	P	1.3

$$y = 8.4797E-004 * x + 6.6879E-005$$

$$R = 1.0000$$

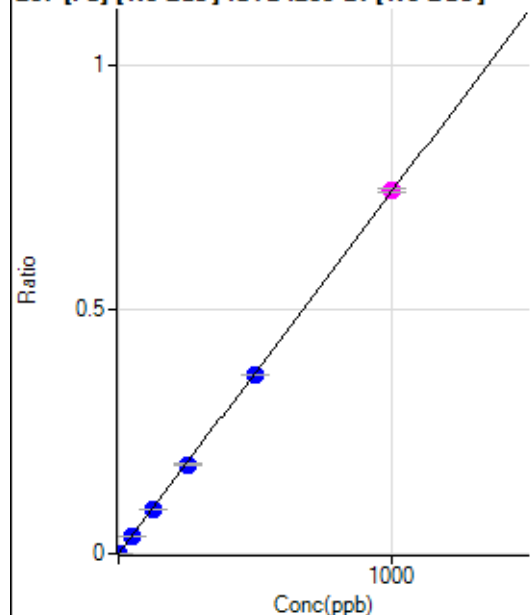
$$DL = 0.04419$$

$$BEC = 0.07887$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.41	0.0001	P	34.8
2	☐	1.000	0.856	1383.43	0.0007	P	10.3
3	☐	50.000	49.822	74975.03	0.0370	P	0.2
4	☐	125.000	123.409	188529.09	0.0916	P	1.9
5	☐	250.000	246.187	383152.09	0.1826	P	1.1
6	☐	500.000	495.903	799219.58	0.3677	P	0.2
7	☐	1000.000	1003.210	1645029.57	0.7439	M	1.1
8	☐			7235.47	0.0037	P	2.1

$$y = 7.4145\text{E-}004 * x + 5.3207\text{E-}005$$

$$R = 1.0000$$

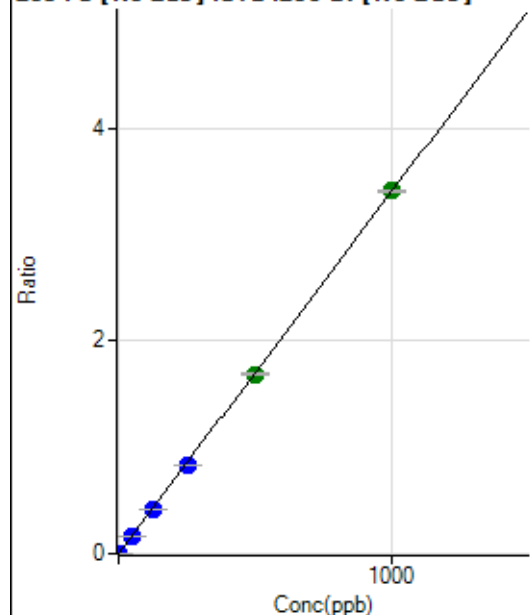
$$DL = 0.07501$$

$$BEC = 0.07176$$

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	507.42	0.0003	P	4.1
2	☐	1.000	0.859	6387.78	0.0032	P	1.5
3	☐	50.000	49.303	340736.49	0.1681	P	0.6
4	☐	125.000	123.177	864159.17	0.4197	P	1.1
5	☐	250.000	246.039	1758551.80	0.8380	P	0.7
6	☐	500.000	496.887	3677436.84	1.6921	A	0.4
7	☐	1000.000	1002.810	7550933.76	3.4147	A	0.3
8	☐			32631.47	0.0165	P	0.4

$$y = 0.0034 * x + 2.5115\text{E-}004$$

$$R = 1.0000$$

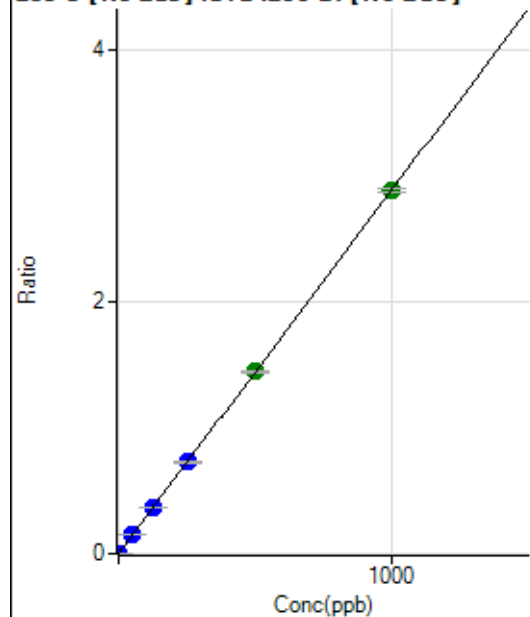
$$DL = 0.009004$$

$$BEC = 0.07376$$

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	13.89	0.0000	P	68.8
2	☐	1.000	0.864	5023.37	0.0025	P	5.7
3	☐	50.000	50.648	295665.98	0.1459	P	0.9
4	☐	125.000	125.630	745128.17	0.3618	P	1.1
5	☐	250.000	252.272	1524773.14	0.7266	P	1.3
6	☐	500.000	501.561	3139559.77	1.4446	A	0.6
7	☐	1000.000	998.541	6359576.71	2.8760	A	0.9
8	☐			1200.09	0.0006	P	2.1

$$y = 0.0029 * x + 6.8592E-006$$

$$R = 1.0000$$

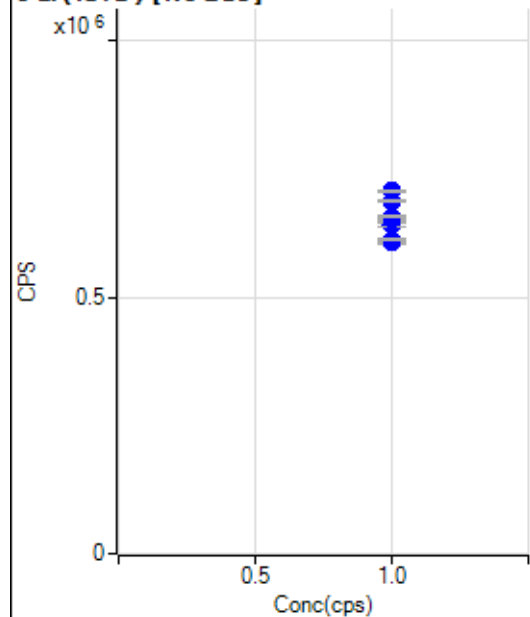
$$DL = 0.004918$$

$$BEC = 0.002381$$

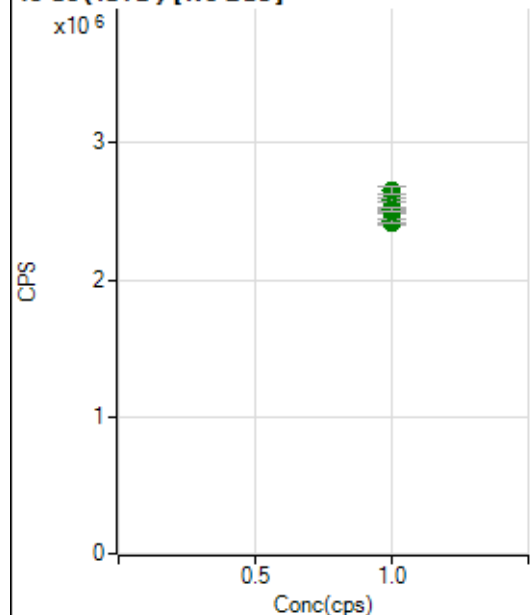
Weight: <None>

Min Conc: 0

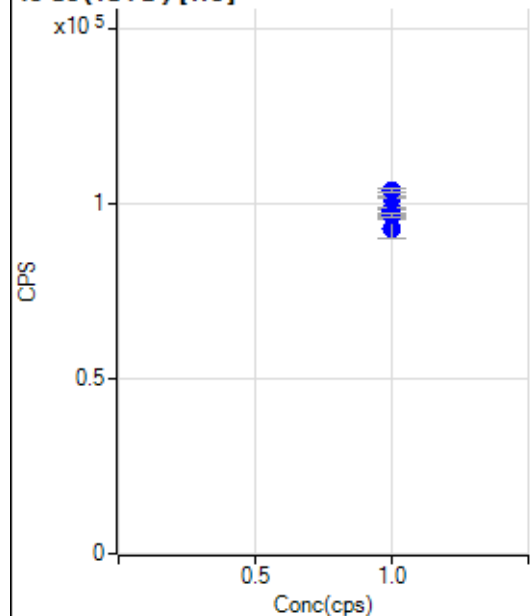
6 Li (ISTD) [No Gas]



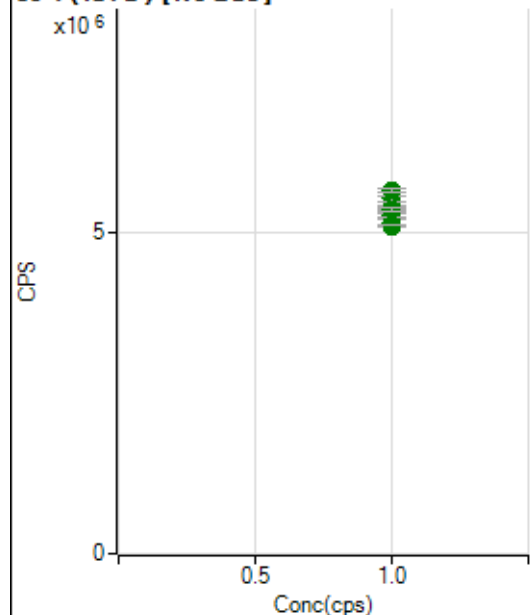
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		608640.44		P	1.2
2	☐	1.000		610721.49		P	1.3
3	☐	1.000		611840.74		P	0.8
4	☐	1.000		640103.34		P	0.9
5	☐	1.000		650266.37		P	0.6
6	☐	1.000		687088.48		P	0.8
7	☐	1.000		707037.07		P	0.8
8	☐	1.000		656703.05		P	0.7

45 Sc (ISTD) [No Gas]

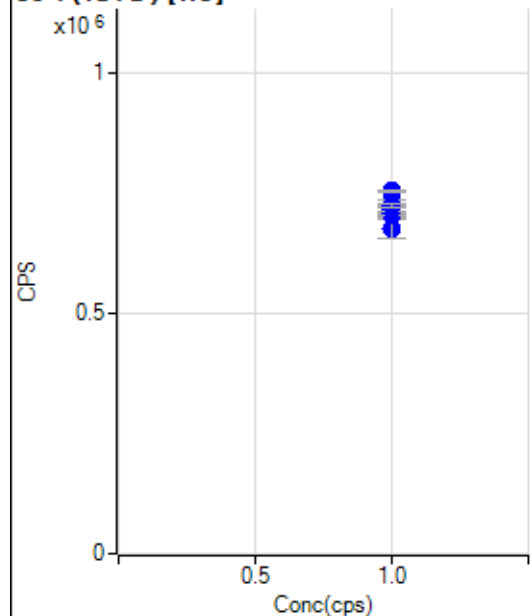
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2425857.83		A	1.6
2	☐	1.000		2420893.03		A	1.4
3	☐	1.000		2428397.34		A	1.0
4	☐	1.000		2495150.29		A	0.9
5	☐	1.000		2511757.46		A	1.2
6	☐	1.000		2585283.97		A	0.9
7	☐	1.000		2648177.50		A	2.2
8	☐	1.000		2508076.14		A	1.0

45 Sc (ISTD) [He]

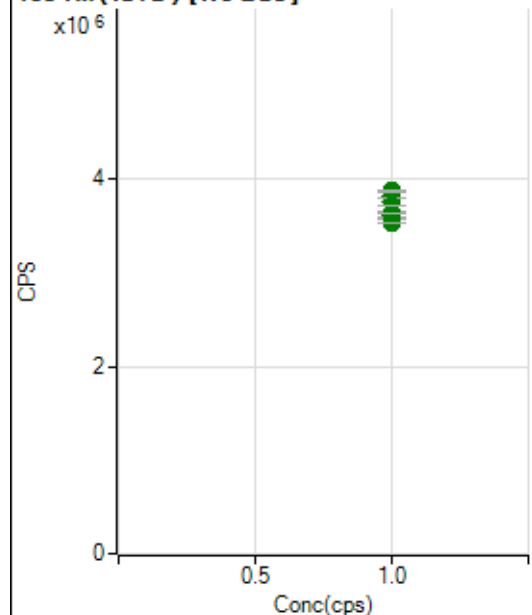
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		96455.52		P	2.0
2	☐	1.000		92858.87		P	6.5
3	☐	1.000		97417.74		P	1.5
4	☐	1.000		98229.43		P	1.8
5	☐	1.000		98018.38		P	1.3
6	☐	1.000		101917.17		P	0.6
7	☐	1.000		103666.02		P	1.2
8	☐	1.000		96680.28		P	1.2

89 Y (ISTD) [No Gas]

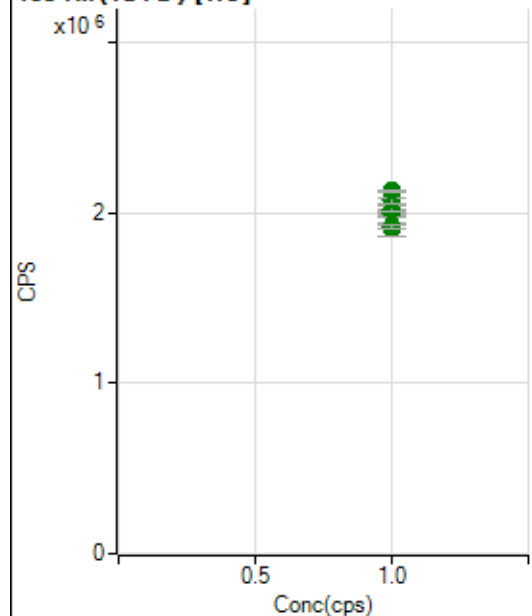
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5147350.76		A	1.9
2	☐	1.000		5083935.93		A	0.3
3	☐	1.000		5114057.46		A	0.3
4	☐	1.000		5260813.78		A	0.9
5	☐	1.000		5381953.25		A	1.4
6	☐	1.000		5511691.45		A	1.3
7	☐	1.000		5635634.01		A	0.9
8	☐	1.000		5350267.00		A	1.2

89 Y (ISTD) [He]

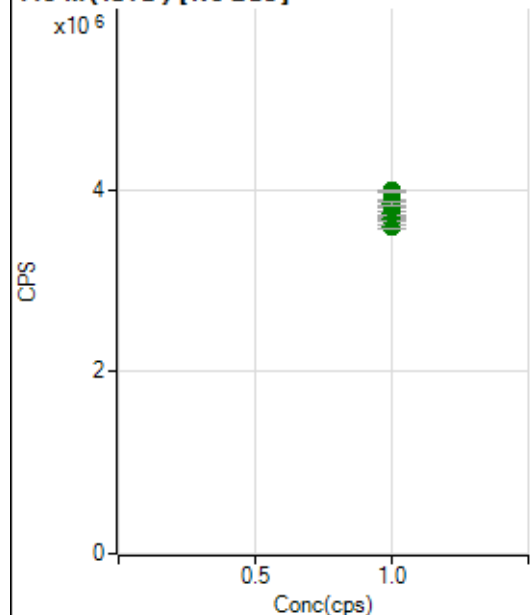
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		707736.92		P	0.4
2	☐	1.000		675552.39		P	5.6
3	☐	1.000		703589.67		P	0.5
4	☐	1.000		708691.35		P	1.5
5	☐	1.000		717973.43		P	1.3
6	☐	1.000		735886.34		P	0.4
7	☐	1.000		755002.44		P	0.6
8	☐	1.000		724731.90		P	1.0

103 Rh (ISTD) [No Gas]

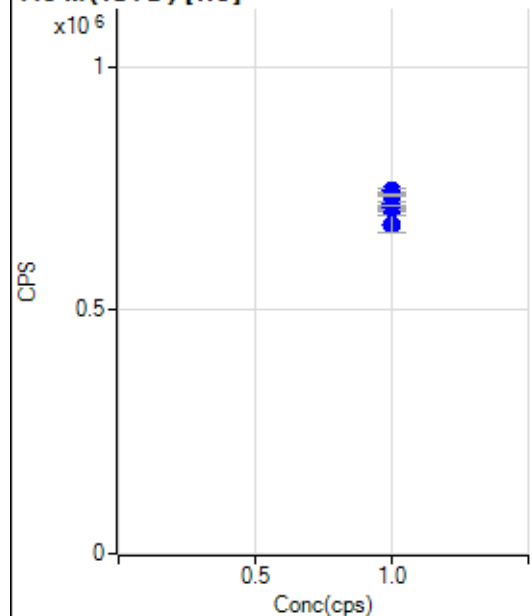
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3625643.27		A	1.4
2	☐	1.000		3618813.97		A	2.2
3	☐	1.000		3617414.32		A	1.3
4	☐	1.000		3637617.88		A	0.3
5	☐	1.000		3758779.47		A	1.8
6	☐	1.000		3827816.49		A	1.5
7	☐	1.000		3874451.52		A	0.7
8	☐	1.000		3538584.46		A	0.2

103 Rh (ISTD) [He]

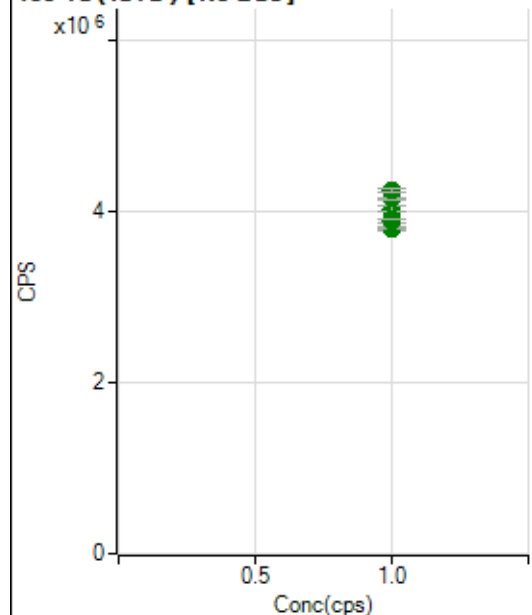
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2008199.21		A	1.3
2	☐	1.000		1904436.41		A	4.4
3	☐	1.000		1999083.29		A	1.5
4	☐	1.000		1993317.12		A	1.4
5	☐	1.000		2025702.45		A	1.5
6	☐	1.000		2071799.93		A	1.5
7	☐	1.000		2129397.69		A	0.3
8	☐	1.000		1917322.84		A	1.3

115 In (ISTD) [No Gas]

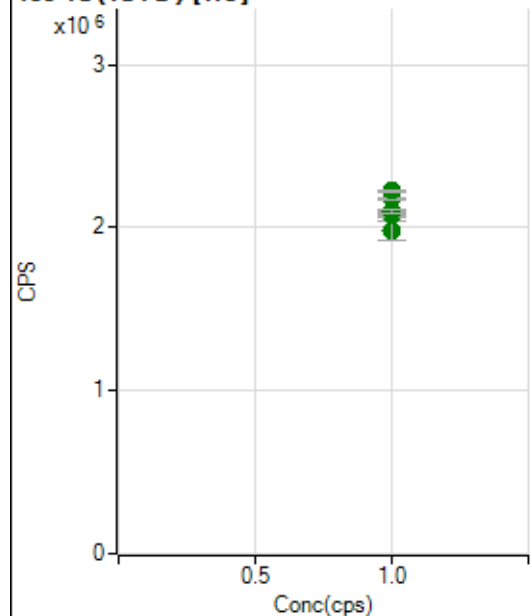
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3690457.34		A	0.6
2	☐	1.000		3597392.52		A	0.9
3	☐	1.000		3679823.45		A	0.9
4	☐	1.000		3741265.13		A	1.2
5	☐	1.000		3807688.69		A	0.4
6	☐	1.000		3891377.89		A	0.2
7	☐	1.000		3988258.39		A	0.3
8	☐	1.000		3844613.46		A	1.2

115 In (ISTD) [He]

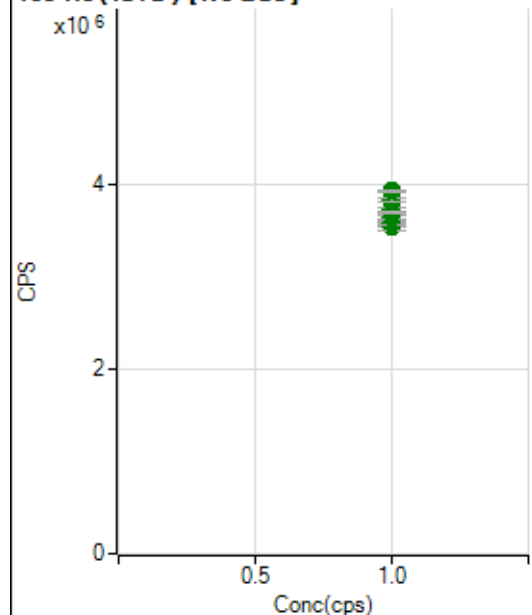
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		706592.07		P	1.4
2	☐	1.000		677296.08		P	5.3
3	☐	1.000		710767.51		P	1.2
4	☐	1.000		709481.22		P	1.1
5	☐	1.000		718615.25		P	1.4
6	☐	1.000		734172.15		P	0.2
7	☐	1.000		745594.66		P	1.0
8	☐	1.000		737233.03		P	0.2

159 Tb (ISTD) [No Gas]

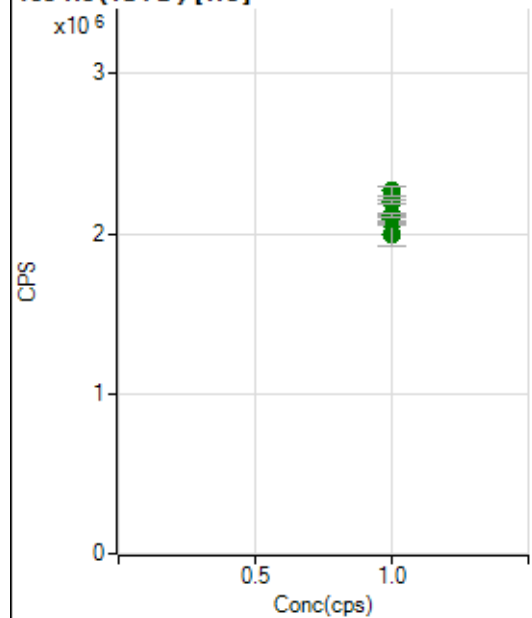
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3801616.54		A	0.6
2	☐	1.000		3793916.47		A	1.5
3	☐	1.000		3803965.08		A	0.3
4	☐	1.000		3885206.92		A	1.0
5	☐	1.000		4030905.88		A	1.6
6	☐	1.000		4149239.90		A	0.7
7	☐	1.000		4236914.07		A	1.0
8	☐	1.000		3901506.71		A	0.2

159 Tb (ISTD) [He]

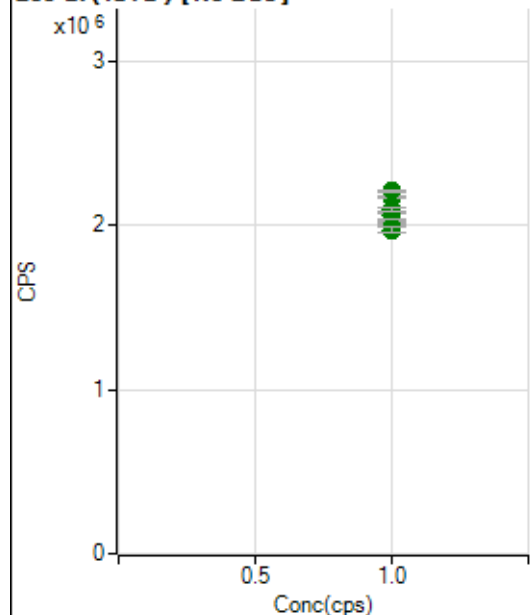
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2070998.58		A	0.4
2	☐	1.000		1979072.16		A	6.2
3	☐	1.000		2079625.92		A	0.7
4	☐	1.000		2080374.38		A	1.6
5	☐	1.000		2097222.35		A	1.5
6	☐	1.000		2179904.19		A	0.6
7	☐	1.000		2226119.52		A	0.8
8	☐	1.000		2099634.12		A	0.9

165 Ho (ISTD) [No Gas]

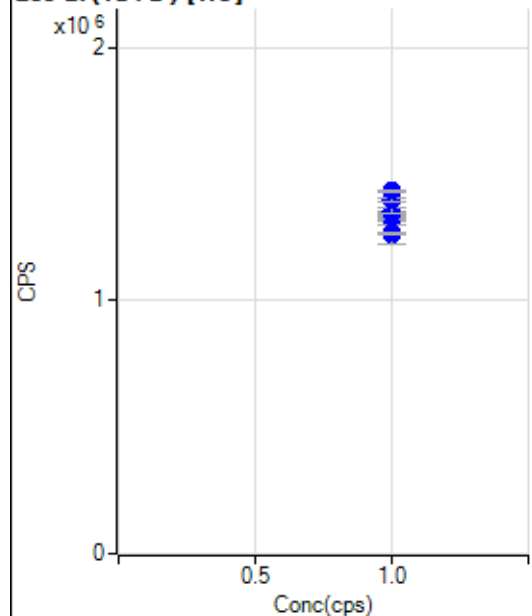
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3563820.82		A	1.6
2	☐	1.000		3538572.30		A	2.1
3	☐	1.000		3585283.85		A	1.1
4	☐	1.000		3637001.99		A	1.1
5	☐	1.000		3729628.34		A	1.3
6	☐	1.000		3837007.20		A	1.2
7	☐	1.000		3927156.42		A	0.3
8	☐	1.000		3690580.99		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2066157.68		A	0.6
2	☐	1.000		1989461.17		A	6.7
3	☐	1.000		2085550.58		A	1.7
4	☐	1.000		2100170.21		A	1.7
5	☐	1.000		2114885.99		A	1.7
6	☐	1.000		2200361.83		A	0.8
7	☐	1.000		2266804.19		A	2.5
8	☐	1.000		2110351.41		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2020492.19		A	0.5
2	☐	1.000		2011691.98		A	0.9
3	☐	1.000		2026696.90		A	0.3
4	☐	1.000		2059420.16		A	1.7
5	☐	1.000		2098675.47		A	1.6
6	☐	1.000		2173317.31		A	0.3
7	☐	1.000		2211278.01		A	0.8
8	☐	1.000		1973184.88		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1324560.72		P	1.0
2	☐	1.000		1262109.07		P	5.5
3	☐	1.000		1329008.16		P	0.7
4	☐	1.000		1345603.71		P	1.2
5	☐	1.000		1356797.97		P	1.5
6	☐	1.000		1399090.60		P	0.9
7	☐	1.000		1434586.44		P	0.6
8	☐	1.000		1266284.96		P	0.8

US EPA Tune Check Report

Operator Name ICPMS
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8021220 MS.b
Acq. Date-Time 2020-02-12 10:35:12
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2321	23211.61			1.108	5.000
24		38665	386649.78			1.205	5.000
25		5404	54037.88			1.068	5.000
26		6413	64131.90			1.662	5.000
59		30821	308209.36			0.899	5.000
113		3222	32222.99			1.280	5.000
115		39354	393535.76			0.976	5.000
206		6493	64927.07			0.577	5.000
207		5807	58071.35			0.991	5.000
208		13680	136802.56			0.816	5.000
220		1	6.60			24.781	

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

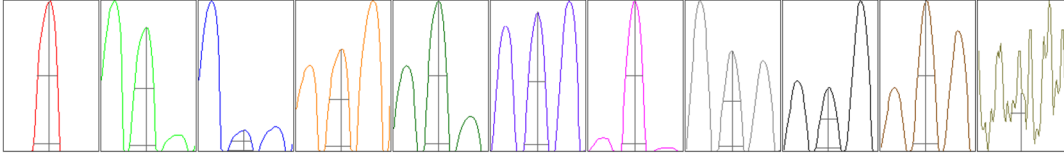
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2338	2352	2321	2285	2310
24	38652	39140	38778	37896	38859
25	5416	5446	5397	5309	5452
26	6429	6449	6471	6227	6490
59	30732	31095	30854	30396	31027
113	3194	3255	3227	3168	3266
115	39379	39616	39671	38707	39394
206	6485	6523	6481	6440	6534
207	5773	5826	5830	5728	5878
208	13552	13735	13775	13566	13772

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3932.69	8.95	8.90 - 9.10	
24	67006.80	23.95	23.90 - 24.10	
25	8989.46	24.95	24.90 - 25.10	
26	10710.60	25.95	25.90 - 26.10	
59	54892.15	58.95	58.90 - 59.10	
113	6327.80	113.00	112.90 - 113.10	
115	77153.03	115.00	114.90 - 115.10	
206	12305.72	206.00	205.90 - 206.10	
207	11163.01	206.95	206.90 - 207.10	
208	26456.99	207.95	207.90 - 208.10	
220	0.70	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.822	0.900	
24	0.63	0.822	0.900	
25	0.64	0.787	0.900	
26	0.63	0.792	0.900	
59	0.59	0.783	0.900	
113	0.53	0.764	0.900	
115	0.53	0.760	0.900	
206	0.55	0.781	0.900	
207	0.53	0.795	0.900	
208	0.53	0.800	0.900	
220	0.45			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.50 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.6 V	Deflect	15.6 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.1 mm
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EM

Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8356	83562.62			2.742	
89		6901	69013.02			2.545	
205		6711	67108.23			3.387	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8414	8729	8209	8160	8270
89	6929	7195	6811	6759	6812
205	6736	7089	6530	6547	6653

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.50 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.6 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.1 mm		
EM					
Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.38	0.39	0.99	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.02	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.20	0.08	0.11	0.00	N/A	ppb
Boron	11-1	-0.23	0.16	0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.01	-0.10	0.00	N/A	ppb
Cadmium	106-1	1.51	0.03	-1.55	0.00	N/A	ppb
Cadmium	108-1	-0.19	0.24	-0.05	0.00	N/A	ppb
Calcium	43-1	-8.90	7.27	1.63	0.00	N/A	ppb
Calcium	44-1	-7.50	1.42	6.08	0.00	N/A	ppb
Chromium	52-2	-0.03	0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.51	1.33	-1.85	0.00	N/A	ppb
Iron	56-2	-0.24	0.12	0.12	0.00	N/A	ppb
Iron	57-2	-0.55	2.24	-1.70	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.72	0.04	-0.76	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	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	-0.05	0.04	0.00	0.00	N/A	ppb
Phosphorus	31-2	-12.53	-37.05	-49.49	-33.02		ppb
Potassium	39-2	8.49	-4.03	-4.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.45	-1.72	1.27	0.00	N/A	ppb
Selenium	77-2	1.03	-0.52	-0.52	0.00	N/A	ppb
Selenium	78-2	-0.47	-0.98	1.45	0.00	N/A	ppb
Silicon	28-1	-6.30	-0.48	6.78	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	-7.15	9.79	-2.64	0.00	N/A	ppb
Strontium	86-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1055.56	-103.54	250.07	-303.01		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.16	-0.02	0.18	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.08	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.89	17.57	27.33	22.60	21.63	ppb
Antimony	121-1	1.95	1.74	1.69	1.79	7.47	ppb
Arsenic	75-2	0.80	0.92	0.91	0.88	7.41	ppb
Barium	135-1	9.06	9.63	9.72	9.47	3.80	ppb
Barium	137-1	9.21	9.37	9.57	9.38	1.91	ppb
Beryllium	9-1	1.04	1.01	0.97	1.01	3.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	16.99	20.40	21.60	19.66	12.16	ppb
Boron	11-1	16.96	19.53	20.53	19.01	9.69	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	0.93	0.94	0.96	4.79	ppb
Cadmium	106-1	3.01	1.11	1.31	1.81	57.57	ppb
Cadmium	108-1	0.90	0.59	0.80	0.77	20.48	ppb
Calcium	43-1	473.06	499.66	470.96	481.23	3.32	ppb
Calcium	44-1	489.17	497.16	480.89	489.07	1.66	ppb
Chromium	52-2	1.81	1.72	2.20	1.91	13.41	ppb
Cobalt	59-2	0.89	0.92	1.04	0.95	8.55	ppb
Copper	63-2	1.94	1.87	2.22	2.01	9.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	52.69	55.10	61.45	56.41	8.02	ppb
Iron	56-2	52.74	52.37	59.45	54.86	7.27	ppb
Iron	57-2	59.72	49.18	55.66	54.85	9.69	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.81	0.90	0.84	6.13	ppb
Lead	207-1	0.81	0.97	0.80	0.86	11.12	ppb
Lead	208-1	0.85	0.87	0.86	0.86	1.59	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	500.79	489.64	551.38	513.94	6.40	ppb
Manganese	55-2	0.90	1.09	1.02	1.01	9.86	ppb
Molybdenum	94-1	4.45	4.71	4.75	4.64	3.53	ppb
Molybdenum	95-1	4.45	4.49	4.82	4.59	4.43	ppb
Molybdenum	96-1	4.60	4.87	4.61	4.69	3.24	ppb
Molybdenum	97-1	4.76	4.66	4.82	4.75	1.64	ppb
Molybdenum	98-1	5.08	4.94	4.90	4.97	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.06	1.18	1.12	5.16	ppb
Phosphorus	31-2	29.88	19.33	49.86	33.02	46.96	ppb
Potassium	39-2	486.97	484.07	629.69	533.58	15.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	5.25	5.72	3.92	4.96	18.78	ppb
Selenium	77-2	2.64	4.20	6.43	4.42	43.08	ppb
Selenium	78-2	4.22	5.85	6.43	5.50	20.82	ppb
Silicon	28-1	9.42	14.42	8.22	10.68	30.77	ppb
Silver	109-1	0.97	0.88	0.81	0.88	9.14	ppb
Silver	107-1	0.98	0.94	0.95	0.96	2.19	ppb
Sodium	23-2	495.65	497.87	575.41	522.98	8.69	ppb
Strontium	86-1	0.87	1.14	1.24	1.09	17.45	ppb
Strontium	88-1	0.91	0.89	0.92	0.91	1.81	ppb
Sulfur	34-1	333.42	884.28	-308.67	303.01	197.04	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.82	0.84	0.80	0.82	2.28	ppb
Thallium	205-1	0.87	0.93	0.90	0.90	3.45	ppb
Tin	118-1	4.90	4.64	4.68	4.74	2.91	ppb
Titanium	47-1	5.01	5.45	4.33	4.93	11.41	ppb
Uranium	238-1	0.88	0.81	0.90	0.86	5.69	ppb
Vanadium	51-2	4.60	4.88	5.37	4.95	7.92	ppb
Yttrium	89-1				99		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	1.89	2.39	1.85	2.04	14.79	ppb
Zirconium	90-1	0.92	0.90	0.85	0.89	4.08	ppb
Zirconium	91-1	0.93	0.98	0.91	0.94	4.25	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:23:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1121.04	1137.60	1145.94	1134.86	1.12	ppb
Antimony	121-1	51.50	51.31	51.37	51.39	0.18	ppb
Arsenic	75-2	52.01	49.79	50.94	50.91	2.18	ppb
Barium	135-1	256.44	258.42	261.54	258.80	0.99	ppb
Barium	137-1	257.25	261.76	264.47	261.16	1.40	ppb
Beryllium	9-1	53.06	53.05	51.72	52.61	1.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	43.12	47.73	54.63	48.49	11.95	ppb
Boron	11-1	43.30	48.90	51.69	47.96	8.90	ppb
Bromine	81-1						cps
Cadmium	111-1	52.07	51.28	51.59	51.64	0.77	ppb
Cadmium	106-1	56.65	53.91	55.34	55.30	2.48	ppb
Cadmium	108-1	51.48	55.36	52.64	53.16	3.74	ppb
Calcium	43-1	5499.64	5489.11	5366.81	5451.85	1.35	ppb
Calcium	44-1	5401.45	5507.24	5395.88	5434.85	1.15	ppb
Chromium	52-2	51.62	51.25	50.89	51.25	0.72	ppb
Cobalt	59-2	51.52	51.07	52.28	51.62	1.18	ppb
Copper	63-2	103.53	100.81	105.36	103.23	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	2829.26	2779.34	2849.94	2819.51	1.29	ppb
Iron	56-2	2770.99	2792.07	2898.79	2820.62	2.43	ppb
Iron	57-2	2761.88	2707.55	2783.46	2750.96	1.42	ppb
Krypton	83-1						cps
Lead	206-1	49.42	49.63	49.70	49.59	0.30	ppb
Lead	207-1	49.72	49.82	49.92	49.82	0.20	ppb
Lead	208-1	49.09	49.18	49.64	49.30	0.60	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:23:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	5360.91	5327.71	5459.07	5382.56	1.27	ppb
Manganese	55-2	101.96	99.67	104.37	102.00	2.30	ppb
Molybdenum	94-1	258.56	255.22	261.42	258.40	1.20	ppb
Molybdenum	95-1	259.35	260.63	254.30	258.10	1.30	ppb
Molybdenum	96-1	254.59	254.41	253.60	254.20	0.21	ppb
Molybdenum	97-1	254.41	255.05	260.97	256.81	1.41	ppb
Molybdenum	98-1	256.45	257.10	262.08	258.54	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.18	52.65	53.41	52.75	1.18	ppb
Phosphorus	31-2	963.37	979.46	1173.72	1038.85	11.27	ppb
Potassium	39-2	2776.49	2723.03	2793.05	2764.19	1.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	55.48	52.23	52.67	53.46	3.30	ppb
Selenium	77-2	49.35	44.53	70.06	54.65	24.82	ppb
Selenium	78-2	47.73	55.06	48.11	50.30	8.20	ppb
Silicon	28-1	77.06	79.78	78.63	78.49	1.74	ppb
Silver	109-1	51.40	52.61	53.22	52.41	1.77	ppb
Silver	107-1	53.41	52.98	53.52	53.30	0.53	ppb
Sodium	23-2	5517.67	5463.26	5607.70	5529.54	1.32	ppb
Strontium	86-1	50.99	50.48	50.24	50.57	0.75	ppb
Strontium	88-1	51.84	51.59	51.90	51.78	0.32	ppb
Sulfur	34-1	1008.18	1454.23	999.22	1153.88	22.55	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	50.45	49.98	50.70	50.38	0.73	ppb
Thallium	205-1	50.89	50.10	51.18	50.72	1.10	ppb
Tin	118-1	51.21	50.89	52.93	51.68	2.13	ppb
Titanium	47-1	257.07	259.99	252.88	256.65	1.39	ppb
Uranium	238-1	50.59	50.23	51.12	50.65	0.88	ppb
Vanadium	51-2	50.27	49.85	51.38	50.50	1.56	ppb
Yttrium	89-1				99		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:23:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	99.06	100.30	107.13	102.16	4.25	ppb
Zirconium	90-1	50.80	50.82	51.03	50.88	0.24	ppb
Zirconium	91-1	50.28	49.80	51.59	50.56	1.83	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:26:46 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2759.03	2645.29	2657.34	2687.22	2.33	ppb
Antimony	121-1	128.00	125.07	125.28	126.12	1.30	ppb
Arsenic	75-2	128.18	125.50	123.01	125.56	2.06	ppb
Barium	135-1	641.50	640.58	635.06	639.05	0.55	ppb
Barium	137-1	652.54	643.34	637.58	644.49	1.17	ppb
Beryllium	9-1	126.90	128.47	125.11	126.82	1.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	113.13	113.84	130.47	119.14	8.24	ppb
Boron	11-1	111.68	120.72	129.16	120.52	7.26	ppb
Bromine	81-1						cps
Cadmium	111-1	130.92	127.02	126.97	128.30	1.77	ppb
Cadmium	106-1	136.43	126.92	125.33	129.56	4.63	ppb
Cadmium	108-1	127.07	130.79	124.72	127.52	2.40	ppb
Calcium	43-1	13628.55	13537.11	13730.76	13632.14	0.71	ppb
Calcium	44-1	13855.91	13429.33	13445.67	13576.97	1.78	ppb
Chromium	52-2	128.72	126.13	126.75	127.20	1.06	ppb
Cobalt	59-2	130.42	126.69	126.08	127.73	1.84	ppb
Copper	63-2	259.80	255.82	251.55	255.72	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	6975.68	6887.63	6800.08	6887.80	1.27	ppb
Iron	56-2	7048.80	6817.36	6722.40	6862.85	2.45	ppb
Iron	57-2	6893.81	6741.61	6701.08	6778.83	1.50	ppb
Krypton	83-1						cps
Lead	206-1	126.33	124.14	122.79	124.42	1.44	ppb
Lead	207-1	125.80	121.16	123.27	123.41	1.88	ppb
Lead	208-1	124.67	122.48	122.38	123.18	1.05	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:26:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	13652.06	13174.30	13151.10	13325.82	2.12	ppb
Manganese	55-2	258.49	252.34	250.26	253.70	1.69	ppb
Molybdenum	94-1	637.81	641.78	633.84	637.81	0.62	ppb
Molybdenum	95-1	628.23	631.72	635.86	631.94	0.60	ppb
Molybdenum	96-1	630.99	620.53	626.65	626.06	0.84	ppb
Molybdenum	97-1	637.80	635.67	628.88	634.12	0.74	ppb
Molybdenum	98-1	630.38	629.25	616.64	625.42	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.58	126.22	126.96	127.92	1.83	ppb
Phosphorus	31-2	2625.92	2393.72	2393.42	2471.02	5.43	ppb
Potassium	39-2	6997.53	6766.91	6665.47	6809.97	2.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	126.79	127.79	126.25	126.94	0.62	ppb
Selenium	77-2	134.95	110.09	117.72	120.92	10.53	ppb
Selenium	78-2	126.36	131.80	129.81	129.33	2.13	ppb
Silicon	28-1	174.41	175.75	191.62	180.59	5.30	ppb
Silver	109-1	131.67	130.05	128.82	130.18	1.10	ppb
Silver	107-1	132.75	129.54	130.44	130.91	1.27	ppb
Sodium	23-2	13851.95	13478.60	13293.41	13541.32	2.10	ppb
Strontium	86-1	125.89	125.36	124.67	125.31	0.48	ppb
Strontium	88-1	128.77	128.49	129.13	128.80	0.25	ppb
Sulfur	34-1	2263.70	1866.21	2318.35	2149.42	11.48	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	126.47	123.74	124.21	124.81	1.17	ppb
Thallium	205-1	128.62	127.11	127.28	127.67	0.65	ppb
Tin	118-1	129.52	127.94	126.58	128.01	1.15	ppb
Titanium	47-1	631.33	618.25	634.20	627.93	1.35	ppb
Uranium	238-1	127.19	124.55	125.15	125.63	1.10	ppb
Vanadium	51-2	128.15	124.15	122.78	125.03	2.23	ppb
Yttrium	89-1				102		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:26:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	262.89	256.73	257.33	258.98	1.31	ppb
Zirconium	90-1	126.80	123.51	123.93	124.75	1.43	ppb
Zirconium	91-1	124.62	124.79	120.72	123.38	1.87	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5597.24	5278.16	5415.26	5430.22	2.95	ppb
Antimony	121-1	253.50	244.14	251.74	249.80	1.99	ppb
Arsenic	75-2	259.01	252.41	251.07	254.16	1.67	ppb
Barium	135-1	1296.23	1240.86	1252.66	1263.25	2.31	ppb
Barium	137-1	1285.41	1211.79	1268.23	1255.14	3.07	ppb
Beryllium	9-1	256.80	253.39	255.38	255.19	0.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	224.63	243.12	258.75	242.17	7.05	ppb
Boron	11-1	221.65	246.51	263.01	243.73	8.54	ppb
Bromine	81-1						cps
Cadmium	111-1	255.82	249.02	253.86	252.90	1.38	ppb
Cadmium	106-1	256.74	232.80	243.14	244.23	4.92	ppb
Cadmium	108-1	252.59	253.05	247.03	250.89	1.34	ppb
Calcium	43-1	27572.80	27233.38	27193.58	27333.25	0.76	ppb
Calcium	44-1	27331.59	26629.29	26754.06	26904.98	1.39	ppb
Chromium	52-2	261.33	254.53	255.79	257.22	1.40	ppb
Cobalt	59-2	257.71	256.84	257.95	257.50	0.23	ppb
Copper	63-2	524.07	510.74	513.83	516.21	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	13941.67	13964.38	14018.30	13974.79	0.28	ppb
Iron	56-2	13897.63	13664.05	13764.26	13775.31	0.85	ppb
Iron	57-2	13882.14	13592.91	13577.65	13684.23	1.25	ppb
Krypton	83-1						cps
Lead	206-1	250.44	247.24	244.21	247.30	1.26	ppb
Lead	207-1	247.79	247.61	243.16	246.19	1.06	ppb
Lead	208-1	247.47	246.54	244.10	246.04	0.71	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	27920.55	27066.24	26846.98	27277.92	2.08	ppb
Manganese	55-2	515.76	510.55	512.32	512.88	0.52	ppb
Molybdenum	94-1	1270.50	1225.13	1267.72	1254.45	2.03	ppb
Molybdenum	95-1	1264.56	1245.85	1235.20	1248.54	1.19	ppb
Molybdenum	96-1	1263.78	1247.87	1238.26	1249.97	1.03	ppb
Molybdenum	97-1	1283.62	1238.05	1245.55	1255.74	1.95	ppb
Molybdenum	98-1	1274.16	1216.65	1259.32	1250.04	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.99	255.72	255.19	256.97	1.03	ppb
Phosphorus	31-2	5469.85	4832.70	5161.92	5154.82	6.18	ppb
Potassium	39-2	14065.98	13731.09	13714.02	13837.03	1.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	257.82	246.73	255.25	253.27	2.29	ppb
Selenium	77-2	275.83	246.98	232.92	251.91	8.68	ppb
Selenium	78-2	257.75	250.51	253.74	254.00	1.43	ppb
Silicon	28-1	276.25	264.58	292.25	277.69	5.00	ppb
Silver	109-1	259.27	252.07	255.00	255.45	1.42	ppb
Silver	107-1	261.67	252.09	258.98	257.58	1.92	ppb
Sodium	23-2	27849.52	26905.31	27402.06	27385.63	1.72	ppb
Strontium	86-1	251.26	247.28	248.74	249.09	0.81	ppb
Strontium	88-1	256.87	254.19	254.37	255.14	0.59	ppb
Sulfur	34-1	5595.03	4767.73	4185.16	4849.31	14.61	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	248.97	251.43	247.60	249.33	0.78	ppb
Thallium	205-1	257.05	251.90	251.39	253.45	1.23	ppb
Tin	118-1	254.69	249.97	249.39	251.35	1.16	ppb
Titanium	47-1	1292.36	1267.84	1260.86	1273.69	1.30	ppb
Uranium	238-1	249.95	256.16	250.71	252.27	1.34	ppb
Vanadium	51-2	256.71	252.93	253.23	254.29	0.83	ppb
Yttrium	89-1				105		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	522.83	513.76	521.60	519.40	0.95	ppb
Zirconium	90-1	255.93	246.34	249.81	250.69	1.94	ppb
Zirconium	91-1	248.75	247.66	246.32	247.58	0.49	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:32:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10544.86	10573.28	10881.76	10666.63	1.75	ppb
Antimony	121-1	498.59	492.98	487.85	493.14	1.09	ppb
Arsenic	75-2	503.07	498.99	502.66	501.57	0.45	ppb
Barium	135-1	2503.09	2493.12	2457.91	2484.70	0.96	ppb
Barium	137-1	2514.59	2470.65	2520.11	2501.78	1.08	ppb
Beryllium	9-1	505.27	493.92	502.66	500.62	1.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	439.75	490.27	523.99	484.67	8.75	ppb
Boron	11-1	448.61	484.16	525.83	486.20	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	501.89	502.37	500.92	501.73	0.15	ppb
Cadmium	106-1	508.47	500.40	494.12	501.00	1.44	ppb
Cadmium	108-1	497.20	494.99	504.94	499.04	1.05	ppb
Calcium	43-1	53764.46	54477.71	54296.88	54179.68	0.68	ppb
Calcium	44-1	51853.20	53073.18	52652.25	52526.21	1.18	ppb
Chromium	52-2	498.32	496.13	503.82	499.42	0.79	ppb
Cobalt	59-2	502.34	500.38	500.63	501.12	0.21	ppb
Copper	63-2	1004.61	1003.93	1000.00	1002.85	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	27160.16	27156.42	27432.66	27249.75	0.58	ppb
Iron	56-2	27130.94	26789.45	26881.30	26933.90	0.66	ppb
Iron	57-2	26651.66	26833.92	26995.04	26826.87	0.64	ppb
Krypton	83-1						cps
Lead	206-1	492.05	489.03	499.95	493.68	1.14	ppb
Lead	207-1	495.23	495.39	497.08	495.90	0.21	ppb
Lead	208-1	498.89	496.56	495.21	496.89	0.37	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:32:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	52324.84	53153.90	52300.78	52593.18	0.92	ppb
Manganese	55-2	1008.56	1009.42	1005.56	1007.85	0.20	ppb
Molybdenum	94-1	2478.62	2517.14	2497.64	2497.80	0.77	ppb
Molybdenum	95-1	2486.10	2477.09	2490.68	2484.62	0.28	ppb
Molybdenum	96-1	2488.45	2467.11	2462.01	2472.52	0.57	ppb
Molybdenum	97-1	2537.52	2504.69	2472.53	2504.91	1.30	ppb
Molybdenum	98-1	2498.24	2512.95	2460.48	2490.56	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.96	500.11	505.66	500.91	0.88	ppb
Phosphorus	31-2	10034.80	10158.72	10058.33	10083.95	0.65	ppb
Potassium	39-2	26711.12	26178.28	27163.96	26684.46	1.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	508.41	509.91	499.23	505.85	1.14	ppb
Selenium	77-2	472.79	538.21	541.81	517.60	7.51	ppb
Selenium	78-2	511.45	509.92	503.05	508.14	0.88	ppb
Silicon	28-1	484.07	509.60	530.01	507.89	4.53	ppb
Silver	109-1	498.80	513.62	509.49	507.30	1.51	ppb
Silver	107-1	504.71	497.47	501.40	501.20	0.72	ppb
Sodium	23-2	52998.18	53755.14	53482.59	53411.97	0.72	ppb
Strontium	86-1	495.44	501.93	488.49	495.29	1.36	ppb
Strontium	88-1	497.69	507.07	490.60	498.45	1.66	ppb
Sulfur	34-1	9422.94	9797.75	9876.07	9698.92	2.50	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	495.69	492.98	501.51	496.72	0.88	ppb
Thallium	205-1	500.63	497.17	516.57	504.79	2.05	ppb
Tin	118-1	495.84	497.08	498.98	497.30	0.32	ppb
Titanium	47-1	2529.75	2536.55	2530.27	2532.19	0.15	ppb
Uranium	238-1	503.43	498.21	503.04	501.56	0.58	ppb
Vanadium	51-2	498.46	499.66	504.22	500.78	0.61	ppb
Yttrium	89-1				107		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:32:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	995.06	1000.12	1007.94	1001.04	0.65	ppb
Zirconium	90-1	490.51	504.35	494.61	496.49	1.43	ppb
Zirconium	91-1	494.97	501.45	495.69	497.37	0.71	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:35:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21383.04	21053.82	21246.19	21227.68	0.78	ppb
Antimony	121-1	1020.54	994.77	994.51	1003.27	1.49	ppb
Arsenic	75-2	997.38	999.72	997.08	998.06	0.14	ppb
Barium	135-1	5096.72	4997.53	4912.17	5002.14	1.85	ppb
Barium	137-1	5069.27	5033.62	4881.60	4994.83	2.00	ppb
Beryllium	9-1	1002.01	992.94	999.15	998.04	0.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	929.04	1016.17	1086.49	1010.57	7.80	ppb
Boron	11-1	930.48	1013.44	1083.91	1009.28	7.61	ppb
Bromine	81-1						cps
Cadmium	111-1	1008.00	1001.46	984.29	997.92	1.23	ppb
Cadmium	106-1	1018.71	980.52	1001.10	1000.11	1.91	ppb
Cadmium	108-1	1013.14	997.92	988.29	999.78	1.25	ppb
Calcium	43-1	110844.10	111596.08	105991.50	109477.23	2.78	ppb
Calcium	44-1	107274.76	106353.95	103727.99	105785.57	1.74	ppb
Chromium	52-2	998.43	998.75	997.27	998.15	0.08	ppb
Cobalt	59-2	999.71	992.81	998.91	997.14	0.38	ppb
Copper	63-2	2019.87	1979.97	1981.09	1993.65	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	56362.48	54485.10	56263.99	55703.86	1.90	ppb
Iron	56-2	53896.96	53618.87	54016.09	53843.97	0.38	ppb
Iron	57-2	53370.28	53123.12	54033.31	53508.90	0.88	ppb
Krypton	83-1						cps
Lead	206-1	1011.62	1012.39	987.78	1003.93	1.39	ppb
Lead	207-1	991.05	1013.68	1004.89	1003.21	1.14	ppb
Lead	208-1	1002.71	1005.41	1000.31	1002.81	0.25	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:35:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	103223.56	103838.54	105927.58	104329.89	1.36	ppb
Manganese	55-2	1992.89	1983.73	2000.26	1992.30	0.42	ppb
Molybdenum	94-1	4975.56	5050.56	4967.82	4997.98	0.91	ppb
Molybdenum	95-1	4962.95	5044.16	5013.26	5006.79	0.82	ppb
Molybdenum	96-1	4957.77	5079.00	5003.48	5013.41	1.22	ppb
Molybdenum	97-1	4929.99	5076.41	4977.51	4994.64	1.50	ppb
Molybdenum	98-1	4946.53	5052.75	5013.44	5004.24	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.81	990.10	1004.00	997.30	0.70	ppb
Phosphorus	31-2	19671.80	19972.70	20118.50	19921.00	1.14	ppb
Potassium	39-2	53116.26	52768.40	53311.18	53065.28	0.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	982.82	1004.21	1000.50	995.84	1.15	ppb
Selenium	77-2	1000.33	1014.55	958.13	991.00	2.96	ppb
Selenium	78-2	973.24	1005.41	1004.46	994.37	1.84	ppb
Silicon	28-1	987.12	1012.09	943.03	980.75	3.57	ppb
Silver	109-1	996.45	1003.22	982.99	994.22	1.04	ppb
Silver	107-1	1003.29	1001.16	985.36	996.60	0.98	ppb
Sodium	23-2	107046.35	108036.70	106999.94	107361.00	0.55	ppb
Strontium	86-1	990.12	1014.28	1003.14	1002.52	1.21	ppb
Strontium	88-1	987.91	1004.87	1004.00	998.93	0.96	ppb
Sulfur	34-1	20543.33	21180.36	18949.33	20224.34	5.68	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1016.45	994.56	994.42	1001.81	1.27	ppb
Thallium	205-1	1010.71	1000.34	978.07	996.37	1.67	ppb
Tin	118-1	1011.60	997.90	992.16	1000.55	1.00	ppb
Titanium	47-1	4928.95	5060.64	4942.30	4977.30	1.46	ppb
Uranium	238-1	994.83	991.48	1009.32	998.54	0.95	ppb
Vanadium	51-2	994.05	1001.63	999.84	998.51	0.40	ppb
Yttrium	89-1				109		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:35:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	1989.25	1975.69	2015.26	1993.40	1.01	ppb
Zirconium	90-1	999.04	1006.80	998.87	1001.57	0.45	ppb
Zirconium	91-1	991.06	1017.81	997.42	1002.10	1.39	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100000.98	97622.10	101357.70	99660.26	1.90	ppb
Antimony	121-1	0.66	0.61	0.73	0.67	9.04	ppb
Arsenic	75-2	0.61	0.50	0.49	0.54	12.63	ppb
Barium	135-1	9.09	9.58	10.41	9.69	6.86	ppb
Barium	137-1	10.00	9.54	9.35	9.63	3.51	ppb
Beryllium	9-1	0.30	0.23	0.26	0.26	13.01	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	208.77	191.28	177.65	192.57	8.10	ppb
Boron	11-1	207.11	188.98	177.76	191.28	7.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.48	0.51	0.53	0.51	5.14	ppb
Cadmium	106-1	2.30	2.27	2.82	2.46	12.59	ppb
Cadmium	108-1	0.65	0.30	0.37	0.44	42.28	ppb
Calcium	43-1	498726.94	498024.58	495859.84	497537.12	0.30	ppb
Calcium	44-1	492865.84	501455.42	501070.00	498463.75	0.97	ppb
Chromium	52-2	17.50	17.29	17.99	17.60	2.04	ppb
Cobalt	59-2	1.67	1.58	1.60	1.62	3.06	ppb
Copper	63-2	5.48	5.48	5.26	5.41	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	248917.17	244364.44	252342.51	248541.37	1.61	ppb
Iron	56-2	252325.41	247104.89	247436.27	248955.52	1.17	ppb
Iron	57-2	251784.63	246233.64	249103.49	249040.59	1.11	ppb
Krypton	83-1						cps
Lead	206-1	4.71	4.80	4.69	4.73	1.30	ppb
Lead	207-1	4.81	4.82	5.00	4.87	2.18	ppb
Lead	208-1	4.77	4.78	4.80	4.78	0.38	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	499405.67	496377.85	500425.45	498736.32	0.42	ppb
Manganese	55-2	9.35	9.45	9.21	9.34	1.28	ppb
Molybdenum	94-1	2.93	2.91	2.88	2.91	0.99	ppb
Molybdenum	95-1	3.32	3.28	3.37	3.32	1.29	ppb
Molybdenum	96-1	3.73	3.63	3.59	3.65	1.95	ppb
Molybdenum	97-1	3.36	3.19	3.50	3.35	4.58	ppb
Molybdenum	98-1	3.43	3.26	3.25	3.31	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.27	11.98	12.37	12.20	1.68	ppb
Phosphorus	31-2	-21.47	5.21	14.30	-0.65		ppb
Potassium	39-2	251218.15	244509.36	251677.30	249134.94	1.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.87	1.30	0.04	0.73	87.10	ppb
Selenium	77-2	0.98	-0.52	-0.52	-0.02		ppb
Selenium	78-2	1.89	-0.37	0.07	0.53	226.04	ppb
Silicon	28-1	115.28	127.38	129.07	123.91	6.07	ppb
Silver	109-1	0.39	0.33	0.33	0.35	9.58	ppb
Silver	107-1	0.55	0.31	0.37	0.41	30.46	ppb
Sodium	23-2	501285.42	494855.10	497967.38	498035.97	0.65	ppb
Strontium	86-1	1.88	1.86	2.14	1.96	8.07	ppb
Strontium	88-1	2.19	2.15	2.13	2.16	1.34	ppb
Sulfur	34-1	-1710.51	-1253.08	-1772.57	-1578.72		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.70	0.74	0.59	0.68	11.14	ppb
Thallium	205-1	0.63	0.68	0.64	0.65	4.37	ppb
Tin	118-1	0.69	0.65	0.68	0.67	2.74	ppb
Titanium	47-1	0.91	1.07	1.45	1.14	24.04	ppb
Uranium	238-1	0.21	0.20	0.21	0.21	2.15	ppb
Vanadium	51-2	0.50	0.45	0.53	0.49	7.53	ppb
Yttrium	89-1				104		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	33.95	34.80	34.13	34.29	1.31	ppb
Zirconium	90-1	0.32	0.31	0.30	0.31	3.63	ppb
Zirconium	91-1	0.32	0.27	0.34	0.31	11.40	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.22	503.87	520.45	520.51	3.20	ppb
Antimony	121-1	190.63	194.08	192.13	192.28	0.90	ppb
Arsenic	75-2	199.24	198.10	196.22	197.85	0.77	ppb
Barium	135-1	99.37	101.45	102.19	101.00	1.45	ppb
Barium	137-1	99.11	102.45	99.99	100.52	1.72	ppb
Beryllium	9-1	98.72	97.47	97.39	97.86	0.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	726.93	749.09	758.74	744.92	2.19	ppb
Boron	11-1	731.88	740.58	756.93	743.13	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	101.71	104.29	102.35	102.78	1.31	ppb
Cadmium	106-1	135.82	144.87	143.03	141.24	3.39	ppb
Cadmium	108-1	131.39	140.33	134.04	135.25	3.40	ppb
Calcium	43-1	2187.04	2349.79	2266.89	2267.91	3.59	ppb
Calcium	44-1	2113.17	2210.58	2153.96	2159.24	2.27	ppb
Chromium	52-2	99.97	98.52	98.71	99.07	0.79	ppb
Cobalt	59-2	99.61	99.82	99.71	99.71	0.10	ppb
Copper	63-2	100.85	100.22	99.54	100.20	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	2139.09	2130.78	2119.22	2129.70	0.47	ppb
Iron	56-2	2089.45	2117.31	2098.74	2101.83	0.67	ppb
Iron	57-2	2010.86	2048.20	2059.84	2039.63	1.25	ppb
Krypton	83-1						cps
Lead	206-1	209.60	211.53	206.36	209.16	1.25	ppb
Lead	207-1	202.06	203.85	197.57	201.16	1.61	ppb
Lead	208-1	203.45	205.27	199.89	202.87	1.35	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	1216.25	1228.77	1232.32	1225.78	0.69	ppb
Manganese	55-2	98.58	98.23	95.80	97.54	1.56	ppb
Molybdenum	94-1	3641.60	3657.53	3776.54	3691.89	2.00	ppb
Molybdenum	95-1	4201.19	4255.33	4291.26	4249.26	1.07	ppb
Molybdenum	96-1	4142.11	4218.96	4160.66	4173.91	0.96	ppb
Molybdenum	97-1	4236.40	4277.17	4252.84	4255.47	0.48	ppb
Molybdenum	98-1	4226.34	4373.59	4277.30	4292.41	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.22	101.15	100.68	100.68	0.46	ppb
Phosphorus	31-2	45.84	16.71	-50.40	4.05	1219.38	ppb
Potassium	39-2	2036.37	2079.35	2022.60	2046.11	1.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	199.73	200.24	197.94	199.30	0.60	ppb
Selenium	77-2	182.77	204.69	189.84	192.43	5.81	ppb
Selenium	78-2	210.79	208.97	201.80	207.18	2.29	ppb
Silicon	28-1	446.69	494.99	494.63	478.77	5.80	ppb
Silver	109-1	48.03	48.41	49.28	48.57	1.32	ppb
Silver	107-1	48.36	49.39	48.84	48.86	1.06	ppb
Sodium	23-2	2119.26	2135.49	2110.19	2121.65	0.60	ppb
Strontium	86-1	461.60	467.45	465.33	464.79	0.64	ppb
Strontium	88-1	476.10	473.87	474.63	474.87	0.24	ppb
Sulfur	34-1	-1457.36	-425.10	-1279.85	-1054.10		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	211.75	205.16	203.58	206.83	2.09	ppb
Thallium	205-1	209.71	209.20	206.71	208.54	0.77	ppb
Tin	118-1	463.44	471.21	470.43	468.36	0.91	ppb
Titanium	47-1	469.46	470.76	482.84	474.35	1.56	ppb
Uranium	238-1	594.38	600.24	592.80	595.81	0.66	ppb
Vanadium	51-2	97.56	95.77	96.14	96.49	0.98	ppb
Yttrium	89-1				101		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	189.56	196.45	192.83	192.94	1.79	ppb
Zirconium	90-1	476.45	481.98	485.98	481.47	0.99	ppb
Zirconium	91-1	474.73	479.85	480.83	478.47	0.68	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:52:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	2.25	0.98	1.91	42.55	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	14.89	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	66.10	ppb
Barium	135-1	0.03	0.03	0.03	0.03	7.94	ppb
Barium	137-1	-0.01	0.01	0.02	0.01	252.16	ppb
Beryllium	9-1	0.02	0.04	0.07	0.04	51.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	45.71	38.32	39.30	41.11	9.76	ppb
Boron	11-1	44.26	40.80	37.95	41.00	7.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.16	0.07	0.14	43.29	ppb
Cadmium	106-1	2.06	2.23	0.37	1.55	66.42	ppb
Cadmium	108-1	-0.04	-0.12	-0.12	-0.09		ppb
Calcium	43-1	-18.97	-7.14	-4.79	-10.30		ppb
Calcium	44-1	34.74	20.44	13.63	22.94	46.97	ppb
Chromium	52-2	-0.10	-0.04	-0.12	-0.09		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	45.42	ppb
Copper	63-2	0.09	0.06	0.03	0.06	54.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	1.70	1.19	0.01	0.97	89.85	ppb
Iron	56-2	1.08	1.03	1.22	1.11	8.61	ppb
Iron	57-2	2.61	-1.08	0.27	0.60	311.50	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.06	0.06	25.33	ppb
Lead	207-1	0.05	0.05	0.08	0.06	29.19	ppb
Lead	208-1	0.04	0.07	0.07	0.06	25.24	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:52:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	1.74	2.47	2.75	2.32	22.37	ppb
Manganese	55-2	0.06	0.02	0.02	0.03	64.66	ppb
Molybdenum	94-1	0.32	0.54	0.68	0.51	34.99	ppb
Molybdenum	95-1	0.31	0.65	0.80	0.59	43.18	ppb
Molybdenum	96-1	0.28	0.72	0.77	0.59	45.50	ppb
Molybdenum	97-1	0.34	0.59	0.89	0.61	45.03	ppb
Molybdenum	98-1	0.38	0.61	0.76	0.58	32.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-38.65	3.55	-31.60	-22.23		ppb
Potassium	39-2	17.31	11.27	15.29	14.62	21.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.14	0.03	0.30	0.16	83.99	ppb
Selenium	77-2	4.22	-0.52	1.06	1.59	151.88	ppb
Selenium	78-2	-0.28	0.00	-0.15	-0.15		ppb
Silicon	28-1	45.15	31.73	26.96	34.61	27.25	ppb
Silver	109-1	0.01	0.01	0.02	0.01	55.40	ppb
Silver	107-1	0.01	0.01	0.00	0.01	51.09	ppb
Sodium	23-2	22.30	32.69	18.66	24.55	29.64	ppb
Strontium	86-1	0.23	0.09	0.30	0.21	50.97	ppb
Strontium	88-1	0.03	0.07	0.09	0.06	46.60	ppb
Sulfur	34-1	1314.74	-298.90	-278.45	245.80	376.65	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.14	0.16	0.15	9.49	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	5.46	ppb
Tin	118-1	0.04	0.07	0.10	0.07	39.04	ppb
Titanium	47-1	0.13	0.15	0.34	0.21	56.11	ppb
Uranium	238-1	0.02	0.09	0.09	0.07	56.39	ppb
Vanadium	51-2	0.03	0.00	0.00	0.01	142.93	ppb
Yttrium	89-1				98		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:52:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.22	-0.08	0.02	-0.09		ppb
Zirconium	90-1	0.04	0.06	0.07	0.06	27.34	ppb
Zirconium	91-1	0.01	0.06	0.09	0.05	70.46	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:55:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101001.05	99031.34	99520.83	99851.07	1.03	ppb
Antimony	121-1	1.10	1.17	1.22	1.16	5.01	ppb
Arsenic	75-2	0.31	0.33	0.34	0.33	4.70	ppb
Barium	135-1	1.50	1.37	1.44	1.44	4.66	ppb
Barium	137-1	1.40	1.44	1.53	1.46	4.56	ppb
Beryllium	9-1	0.34	0.27	0.29	0.30	11.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	35.01	34.69	32.89	34.20	3.34	ppb
Boron	11-1	36.37	35.67	33.39	35.14	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.27	0.10	0.30	70.07	ppb
Cadmium	106-1	1.25	-0.13	-1.21	-0.03		ppb
Cadmium	108-1	5.90	8.12	9.33	7.78	22.35	ppb
Calcium	43-1	110211.98	109366.00	107888.93	109155.64	1.08	ppb
Calcium	44-1	107030.34	106790.75	105865.12	106562.07	0.58	ppb
Chromium	52-2	20.52	20.17	19.72	20.13	1.99	ppb
Cobalt	59-2	1.25	1.21	1.10	1.19	6.52	ppb
Copper	63-2	8.27	8.18	7.85	8.10	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	112345.49	110346.82	106221.11	109637.81	2.85	ppb
Iron	56-2	110415.45	109177.46	108372.59	109321.83	0.94	ppb
Iron	57-2	113489.35	110928.57	110023.36	111480.43	1.61	ppb
Krypton	83-1						cps
Lead	206-1	4.74	4.90	4.85	4.83	1.62	ppb
Lead	207-1	4.50	4.47	4.43	4.46	0.81	ppb
Lead	208-1	4.50	4.63	4.58	4.57	1.46	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:55:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	104698.45	101327.81	102469.27	102831.84	1.67	ppb
Manganese	55-2	7.73	7.87	7.73	7.78	1.02	ppb
Molybdenum	94-1	1435.16	1404.14	1450.69	1430.00	1.66	ppb
Molybdenum	95-1	1998.75	1995.78	2032.46	2009.00	1.01	ppb
Molybdenum	96-1	1902.54	1933.13	1967.19	1934.29	1.67	ppb
Molybdenum	97-1	1993.56	1984.92	2033.59	2004.03	1.30	ppb
Molybdenum	98-1	1968.65	1953.25	2006.38	1976.09	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.72	5.31	5.43	5.49	3.79	ppb
Phosphorus	31-2	101165.14	97775.67	101457.05	100132.62	2.04	ppb
Potassium	39-2	108518.11	106673.08	107216.09	107469.09	0.88	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.96	0.40	0.43	0.60	52.34	ppb
Selenium	77-2	-0.52	1.01	-0.52	-0.01		ppb
Selenium	78-2	1.09	-0.85	-1.25	-0.34		ppb
Silicon	28-1	56.71	55.10	47.96	53.26	8.74	ppb
Silver	109-1	0.03	0.02	0.02	0.02	32.66	ppb
Silver	107-1	0.01	0.03	0.02	0.02	51.49	ppb
Sodium	23-2	108478.12	107154.38	108613.25	108081.92	0.75	ppb
Strontium	86-1	33.51	34.47	35.24	34.41	2.53	ppb
Strontium	88-1	35.12	34.85	35.90	35.29	1.56	ppb
Sulfur	34-1	92941.47	92115.93	90073.58	91710.33	1.61	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.18	0.23	0.18	23.40	ppb
Thallium	205-1	0.14	0.18	0.18	0.17	13.40	ppb
Tin	118-1	0.40	0.31	0.36	0.36	13.05	ppb
Titanium	47-1	2046.29	2022.99	2005.53	2024.94	1.01	ppb
Uranium	238-1	0.02	0.03	0.01	0.02	32.85	ppb
Vanadium	51-2	0.14	0.13	0.19	0.15	20.99	ppb
Yttrium	89-1				103		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:55:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	12.65	12.10	11.93	12.23	3.07	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	18.57	ppb
Zirconium	91-1	0.09	0.06	0.05	0.07	25.78	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:58:18	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100732.31	102626.83	99965.90	101108.35	1.35	ppb
Antimony	121-1	21.86	21.42	21.65	21.64	1.03	ppb
Arsenic	75-2	21.73	20.55	20.55	20.95	3.24	ppb
Barium	135-1	22.23	21.35	22.50	22.03	2.74	ppb
Barium	137-1	21.72	22.74	22.94	22.46	2.91	ppb
Beryllium	9-1	20.27	20.81	20.89	20.66	1.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	74.58	78.99	85.78	79.78	7.07	ppb
Boron	11-1	75.24	81.31	85.37	80.64	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	21.14	21.32	21.51	21.32	0.87	ppb
Cadmium	106-1	27.29	25.63	26.48	26.47	3.14	ppb
Cadmium	108-1	27.96	28.36	27.85	28.06	0.95	ppb
Calcium	43-1	106282.83	107955.36	106614.76	106950.99	0.83	ppb
Calcium	44-1	103839.95	106248.44	104253.44	104780.61	1.23	ppb
Chromium	52-2	40.49	40.90	40.48	40.62	0.59	ppb
Cobalt	59-2	21.62	22.16	21.45	21.74	1.70	ppb
Copper	63-2	29.77	29.20	28.60	29.19	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	108477.09	109070.44	106626.52	108058.02	1.18	ppb
Iron	56-2	110126.99	109409.26	109236.01	109590.75	0.43	ppb
Iron	57-2	110559.97	111029.43	110474.86	110688.09	0.27	ppb
Krypton	83-1						cps
Lead	206-1	25.62	25.57	26.00	25.73	0.92	ppb
Lead	207-1	24.87	24.12	24.46	24.48	1.54	ppb
Lead	208-1	24.64	24.45	24.70	24.60	0.52	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:58:18	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	104891.10	104126.07	106016.75	105011.30	0.91	ppb
Manganese	55-2	28.51	28.83	28.43	28.59	0.74	ppb
Molybdenum	94-1	1510.11	1526.29	1533.81	1523.41	0.79	ppb
Molybdenum	95-1	2030.30	2036.82	2022.69	2029.94	0.35	ppb
Molybdenum	96-1	1933.98	1978.15	1964.65	1958.93	1.16	ppb
Molybdenum	97-1	2031.05	2057.66	2032.15	2040.29	0.74	ppb
Molybdenum	98-1	2001.85	2046.38	2023.22	2023.82	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.43	26.14	25.68	26.08	1.44	ppb
Phosphorus	31-2	101525.78	102724.03	98072.87	100774.23	2.40	ppb
Potassium	39-2	106455.81	107634.53	105178.83	106423.06	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	19.54	19.83	18.09	19.15	4.85	ppb
Selenium	77-2	17.73	20.91	31.69	23.44	31.22	ppb
Selenium	78-2	17.32	24.49	20.58	20.80	17.25	ppb
Silicon	28-1	97.03	105.84	105.10	102.65	4.76	ppb
Silver	109-1	19.32	19.50	19.41	19.41	0.47	ppb
Silver	107-1	19.94	19.79	19.67	19.80	0.69	ppb
Sodium	23-2	109801.91	109848.14	108836.63	109495.56	0.52	ppb
Strontium	86-1	84.56	84.09	83.67	84.11	0.53	ppb
Strontium	88-1	86.78	86.88	87.60	87.09	0.51	ppb
Sulfur	34-1	86027.60	89388.80	90012.22	88476.21	2.42	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	20.99	20.57	20.98	20.84	1.15	ppb
Thallium	205-1	21.37	20.47	21.29	21.04	2.38	ppb
Tin	118-1	51.04	50.89	50.54	50.82	0.51	ppb
Titanium	47-1	2003.41	2056.63	2075.68	2045.24	1.83	ppb
Uranium	238-1	51.44	50.91	51.25	51.20	0.53	ppb
Vanadium	51-2	20.77	20.41	20.63	20.60	0.87	ppb
Yttrium	89-1				103		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:58:18	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	33.16	33.42	32.60	33.06	1.26	ppb
Zirconium	90-1	51.67	52.02	51.99	51.89	0.37	ppb
Zirconium	91-1	50.99	50.91	51.30	51.07	0.40	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50429.76	49983.51	49550.63	49987.97	0.88	ppb
Antimony	121-1	468.22	472.19	501.45	480.62	3.78	ppb
Arsenic	75-2	477.72	477.38	482.62	479.24	0.61	ppb
Barium	135-1	2419.28	2422.05	2510.74	2450.69	2.12	ppb
Barium	137-1	2399.73	2366.90	2497.76	2421.47	2.81	ppb
Beryllium	9-1	492.98	489.67	490.94	491.20	0.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	429.36	497.79	551.17	492.77	12.39	ppb
Boron	11-1	437.55	495.68	538.97	490.73	10.37	ppb
Bromine	81-1						cps
Cadmium	111-1	472.44	467.35	481.14	473.64	1.47	ppb
Cadmium	106-1	470.02	470.40	479.51	473.31	1.13	ppb
Cadmium	108-1	472.21	456.73	494.20	474.38	3.97	ppb
Calcium	43-1	255786.23	249012.97	249856.36	251551.85	1.47	ppb
Calcium	44-1	247903.36	246870.74	247424.00	247399.37	0.21	ppb
Chromium	52-2	492.70	493.70	491.57	492.66	0.22	ppb
Cobalt	59-2	482.54	474.48	482.02	479.68	0.94	ppb
Copper	63-2	974.27	969.75	960.92	968.31	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	126912.72	125284.36	125847.40	126014.83	0.66	ppb
Iron	56-2	127522.99	125699.01	124069.49	125763.83	1.37	ppb
Iron	57-2	128133.42	127351.12	126922.20	127468.91	0.48	ppb
Krypton	83-1						cps
Lead	206-1	486.21	486.42	485.19	485.94	0.14	ppb
Lead	207-1	480.81	481.86	481.32	481.33	0.11	ppb
Lead	208-1	486.82	487.97	486.09	486.96	0.20	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	246498.33	248818.03	246898.50	247404.95	0.50	ppb
Manganese	55-2	987.22	968.67	971.51	975.80	1.02	ppb
Molybdenum	94-1	2401.80	2426.25	2403.14	2410.40	0.57	ppb
Molybdenum	95-1	2363.29	2449.21	2366.72	2393.07	2.03	ppb
Molybdenum	96-1	2387.43	2405.64	2378.50	2390.52	0.58	ppb
Molybdenum	97-1	2398.01	2402.30	2448.41	2416.24	1.16	ppb
Molybdenum	98-1	2389.95	2396.07	2376.94	2387.65	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.13	480.82	482.35	483.10	0.57	ppb
Phosphorus	31-2	9675.18	9646.12	10293.77	9871.69	3.71	ppb
Potassium	39-2	126529.88	124100.25	125254.17	125294.76	0.97	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	464.11	476.07	473.88	471.36	1.35	ppb
Selenium	77-2	488.55	437.15	459.22	461.64	5.59	ppb
Selenium	78-2	483.59	472.09	475.35	477.01	1.24	ppb
Silicon	28-1	536.72	552.88	604.20	564.60	6.24	ppb
Silver	109-1	478.64	474.26	497.02	483.31	2.50	ppb
Silver	107-1	481.94	473.09	496.56	483.86	2.45	ppb
Sodium	23-2	249641.97	250048.05	248938.61	249542.88	0.22	ppb
Strontium	86-1	478.67	474.92	474.44	476.01	0.49	ppb
Strontium	88-1	482.30	485.75	483.59	483.88	0.36	ppb
Sulfur	34-1	6333.02	6162.03	6215.02	6236.69	1.40	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	483.54	487.22	488.36	486.37	0.52	ppb
Thallium	205-1	487.75	495.18	492.40	491.78	0.76	ppb
Tin	118-1	479.33	469.72	490.93	479.99	2.21	ppb
Titanium	47-1	2449.89	2416.69	2470.59	2445.72	1.11	ppb
Uranium	238-1	508.25	499.22	498.21	501.89	1.10	ppb
Vanadium	51-2	491.63	485.73	479.97	485.78	1.20	ppb
Yttrium	89-1				111		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	970.81	957.69	957.92	962.14	0.78	ppb
Zirconium	90-1	474.12	474.93	477.91	475.66	0.42	ppb
Zirconium	91-1	470.05	477.54	477.79	475.13	0.93	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.82	22.78	24.96	21.18	22.53	ppb
Antimony	121-1	1.69	1.78	1.72	1.73	2.63	ppb
Arsenic	75-2	0.96	1.00	0.90	0.95	4.96	ppb
Barium	135-1	9.22	9.31	8.92	9.15	2.23	ppb
Barium	137-1	9.16	9.71	9.32	9.40	3.02	ppb
Beryllium	9-1	0.96	0.85	0.91	0.91	6.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	34.25	34.05	38.36	35.55	6.84	ppb
Boron	11-1	31.36	33.98	36.61	33.98	7.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.82	1.17	0.77	0.92	23.84	ppb
Cadmium	106-1	0.86	2.79	-0.11	1.18	124.82	ppb
Cadmium	108-1	0.63	0.65	1.04	0.77	29.36	ppb
Calcium	43-1	478.65	509.61	494.38	494.22	3.13	ppb
Calcium	44-1	534.74	507.20	549.06	530.33	4.01	ppb
Chromium	52-2	1.91	1.83	1.81	1.85	2.92	ppb
Cobalt	59-2	0.89	0.95	0.88	0.91	4.14	ppb
Copper	63-2	2.14	1.93	1.98	2.02	5.32	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				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	55.61	54.79	56.02	55.47	1.13	ppb
Iron	56-2	56.26	53.70	54.80	54.92	2.34	ppb
Iron	57-2	58.37	55.54	51.14	55.02	6.62	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.01	0.95	0.99	3.91	ppb
Lead	207-1	0.91	0.94	0.96	0.93	2.71	ppb
Lead	208-1	0.99	0.95	0.92	0.95	3.94	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	492.69	505.71	485.81	494.74	2.04	ppb
Manganese	55-2	0.96	0.97	1.10	1.01	7.96	ppb
Molybdenum	94-1	4.73	4.74	4.85	4.77	1.40	ppb
Molybdenum	95-1	4.82	4.85	4.61	4.76	2.75	ppb
Molybdenum	96-1	4.70	4.95	4.75	4.80	2.75	ppb
Molybdenum	97-1	4.69	4.83	4.74	4.75	1.46	ppb
Molybdenum	98-1	4.85	4.84	4.69	4.79	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.07	1.16	1.14	4.99	ppb
Phosphorus	31-2	-11.56	28.95	6.68	8.03	252.79	ppb
Potassium	39-2	510.83	504.28	539.53	518.21	3.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	6.18	3.74	6.11	5.34	25.94	ppb
Selenium	77-2	8.74	2.54	8.85	6.71	53.80	ppb
Selenium	78-2	2.12	5.70	5.48	4.43	45.26	ppb
Silicon	28-1	12.13	4.75	16.10	10.99	52.42	ppb
Silver	109-1	1.03	1.15	1.14	1.11	5.93	ppb
Silver	107-1	1.02	1.02	1.09	1.04	3.55	ppb
Sodium	23-2	514.89	528.78	519.19	520.95	1.36	ppb
Strontium	86-1	0.85	1.00	0.83	0.89	10.85	ppb
Strontium	88-1	0.88	0.87	0.97	0.90	5.94	ppb
Sulfur	34-1	-1052.41	-1863.40	-457.84	-1124.55		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.00	0.80	0.89	0.90	11.18	ppb
Thallium	205-1	1.04	0.92	0.98	0.98	6.04	ppb
Tin	118-1	4.45	4.78	4.72	4.65	3.75	ppb
Titanium	47-1	5.55	4.85	5.30	5.23	6.70	ppb
Uranium	238-1	0.84	0.90	0.91	0.88	4.09	ppb
Vanadium	51-2	4.74	4.85	4.52	4.71	3.54	ppb
Yttrium	89-1				103		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1.81	1.97	1.86	1.88	4.33	ppb
Zirconium	90-1	0.88	0.86	0.99	0.91	7.83	ppb
Zirconium	91-1	1.05	0.85	1.00	0.97	10.61	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:19:59	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	1.57	-0.07	0.57	154.58	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	366.19	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	626.96	ppb
Barium	135-1	-0.02	0.00	0.01	0.00		ppb
Barium	137-1	0.01	-0.03	-0.03	-0.01		ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	59.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	15.73	14.05	13.70	14.49	7.47	ppb
Boron	11-1	15.28	13.93	14.76	14.66	4.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	0.09	0.00	4575.07	ppb
Cadmium	106-1	-0.84	-0.54	0.92	-0.15		ppb
Cadmium	108-1	-0.12	0.09	-0.12	-0.05		ppb
Calcium	43-1	-23.68	-26.51	-14.79	-21.66		ppb
Calcium	44-1	32.06	19.40	26.95	26.14	24.39	ppb
Chromium	52-2	-0.01	-0.07	-0.07	-0.05		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.01	0.05	0.03	0.03	56.27	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	0.57	-0.89	-1.32	-0.55		ppb
Iron	56-2	-0.14	0.01	-0.41	-0.18		ppb
Iron	57-2	-1.86	0.19	-0.12	-0.60		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	15.62	ppb
Lead	207-1	0.02	0.04	0.01	0.02	65.21	ppb
Lead	208-1	0.02	0.03	0.02	0.02	30.32	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:19:59	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	-0.14	1.92	-0.20	0.52	230.02	ppb
Manganese	55-2	0.04	0.02	-0.03	0.01	378.35	ppb
Molybdenum	94-1	0.03	0.09	0.09	0.07	46.06	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.00	214.12	ppb
Molybdenum	96-1	0.02	0.02	-0.02	0.01	368.01	ppb
Molybdenum	97-1	0.01	-0.03	-0.02	-0.01		ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	55.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.06	-0.02	0.00	1994.29	ppb
Phosphorus	31-2	-6.46	-26.84	1.25	-10.68		ppb
Potassium	39-2	3.58	3.36	8.69	5.21	57.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.82	1.48	1.57	1.29	31.49	ppb
Selenium	77-2	1.03	1.06	-0.52	0.52	171.80	ppb
Selenium	78-2	0.35	0.83	-1.38	-0.06		ppb
Silicon	28-1	-3.41	-11.04	-6.71	-7.05		ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.78	ppb
Silver	107-1	0.01	0.00	0.00	0.00	161.82	ppb
Sodium	23-2	4.32	21.13	19.22	14.89	61.80	ppb
Strontium	86-1	0.11	0.02	0.10	0.08	66.87	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	70.42	ppb
Sulfur	34-1	-1466.92	-2061.46	-1547.63	-1692.00		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.03	0.03	21.71	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	7.96	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.04	0.20	-0.13	0.03	511.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	3.28	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	529.13	ppb
Yttrium	89-1				101		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:19:59	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.21	-0.15	0.03	-0.11		ppb
Zirconium	90-1	0.03	0.00	0.01	0.01	172.61	ppb
Zirconium	91-1	0.02	0.01	0.05	0.03	80.46	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.12	13.40	15.39	16.31	21.17	ppb
Antimony	121-1	1.81	1.63	1.76	1.73	5.34	ppb
Arsenic	75-2	0.94	0.94	0.88	0.92	3.60	ppb
Barium	135-1	9.10	9.31	9.04	9.15	1.57	ppb
Barium	137-1	9.27	9.59	8.84	9.23	4.07	ppb
Beryllium	9-1	0.99	0.87	0.84	0.90	8.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	24.85	27.94	31.31	28.03	11.54	ppb
Boron	11-1	26.41	29.47	30.85	28.91	7.86	ppb
Bromine	81-1						cps
Cadmium	111-1	1.11	0.97	0.97	1.01	8.28	ppb
Cadmium	106-1	3.62	1.19	1.46	2.09	63.73	ppb
Cadmium	108-1	1.19	0.15	0.83	0.72	73.16	ppb
Calcium	43-1	468.64	465.05	492.34	475.34	3.12	ppb
Calcium	44-1	502.99	516.47	519.89	513.12	1.74	ppb
Chromium	52-2	1.75	1.93	1.88	1.85	5.08	ppb
Cobalt	59-2	0.90	0.98	0.96	0.95	4.32	ppb
Copper	63-2	1.98	1.95	1.85	1.93	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	53.86	56.06	52.79	54.24	3.08	ppb
Iron	56-2	52.66	50.86	51.63	51.72	1.74	ppb
Iron	57-2	54.82	53.67	46.07	51.52	9.23	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.91	0.95	0.91	4.54	ppb
Lead	207-1	0.84	0.79	0.91	0.85	6.92	ppb
Lead	208-1	0.84	0.92	0.90	0.89	4.40	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	518.20	506.52	482.35	502.35	3.64	ppb
Manganese	55-2	0.93	0.99	1.01	0.98	4.26	ppb
Molybdenum	94-1	4.86	4.69	4.33	4.63	5.86	ppb
Molybdenum	95-1	4.85	4.55	4.49	4.63	4.22	ppb
Molybdenum	96-1	4.74	4.31	4.78	4.61	5.66	ppb
Molybdenum	97-1	4.83	4.74	4.66	4.74	1.81	ppb
Molybdenum	98-1	4.84	4.68	5.03	4.85	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.19	0.96	1.03	13.11	ppb
Phosphorus	31-2	3.61	11.96	68.71	28.10	126.07	ppb
Potassium	39-2	535.15	498.48	491.36	508.33	4.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	3.00	5.72	4.58	4.43	30.75	ppb
Selenium	77-2	10.47	5.74	5.71	7.31	37.48	ppb
Selenium	78-2	5.98	3.55	4.18	4.57	27.60	ppb
Silicon	28-1	4.41	9.05	9.94	7.80	38.08	ppb
Silver	109-1	0.99	0.89	0.96	0.95	5.50	ppb
Silver	107-1	1.02	0.96	0.91	0.96	5.67	ppb
Sodium	23-2	535.65	513.66	498.79	516.03	3.59	ppb
Strontium	86-1	0.99	0.66	1.15	0.93	26.81	ppb
Strontium	88-1	0.96	0.88	0.92	0.92	3.84	ppb
Sulfur	34-1	-1642.66	-1565.89	-1088.94	-1432.49		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.93	1.01	0.88	0.94	7.20	ppb
Thallium	205-1	0.88	0.99	0.90	0.92	6.43	ppb
Tin	118-1	4.60	4.35	4.53	4.49	2.84	ppb
Titanium	47-1	4.47	5.06	4.90	4.81	6.33	ppb
Uranium	238-1	0.89	0.93	0.98	0.93	4.87	ppb
Vanadium	51-2	4.91	4.80	4.84	4.85	1.17	ppb
Yttrium	89-1				103		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.33	2.36	1.92	2.20	11.10	ppb
Zirconium	90-1	0.84	0.90	0.85	0.86	3.57	ppb
Zirconium	91-1	0.97	0.90	0.96	0.94	4.17	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : PB126768BL Instrumnet Name : P8
 Client Sample ID : PB126768BL Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:11:38 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.01	-0.18	0.52	-0.22		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	167.26	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	201.67	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	404.59	ppb
Barium	137-1	-0.03	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	188.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	1.56	2.10	2.33	2.00	19.60	ppb
Boron	11-1	1.73	1.61	1.74	1.69	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.00	-0.05	0.01	758.30	ppb
Cadmium	106-1	1.07	0.00	-1.05	0.00	21694.37	ppb
Cadmium	108-1	0.08	0.01	-0.12	-0.01		ppb
Calcium	43-1	-12.91	-16.73	-20.07	-16.57		ppb
Calcium	44-1	-17.97	-26.78	-28.08	-24.28		ppb
Chromium	52-2	-0.04	-0.07	-0.03	-0.05		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.00	0.05	0.04	0.03	83.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	-1.20	1.09	-0.84	-0.32		ppb
Iron	56-2	-0.67	-0.57	0.01	-0.41		ppb
Iron	57-2	-1.15	0.88	-1.41	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.00	-0.01		ppb
Lead	207-1	-0.01	-0.02	0.02	0.00		ppb
Lead	208-1	0.00	0.00	0.01	0.00	290.98	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BL	Instrumnet Name :	P8
Client Sample ID :	PB126768BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:11:38	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1.00	-0.11	-0.64	0.08	1026.68	ppb
Manganese	55-2	-0.01	-0.01	0.06	0.01	287.15	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	55.08	ppb
Molybdenum	95-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	110.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.07	-0.05		ppb
Phosphorus	31-2	-7.08	-20.15	41.80	4.86	672.16	ppb
Potassium	39-2	-34.26	-18.82	-39.00	-30.69		ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.38	0.23	0.83	0.22	269.26	ppb
Selenium	77-2	-0.52	-0.52	1.00	-0.01		ppb
Selenium	78-2	-1.28	1.10	-0.27	-0.15		ppb
Silicon	28-1	-11.76	-17.76	-17.16	-15.56		ppb
Silver	109-1	0.00	0.00	0.01	0.00	286.62	ppb
Silver	107-1	-0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	-21.49	-24.14	-14.84	-20.16		ppb
Strontium	86-1	0.11	-0.03	0.00	0.03	265.49	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	50.51	ppb
Sulfur	34-1	-998.27	-1838.65	-1493.53	-1443.48		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.00	0.00	483.83	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	174.16	ppb
Tin	118-1	-0.02	0.01	0.00	0.00		ppb
Titanium	47-1	-0.17	-0.06	0.14	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	320.06	ppb
Yttrium	89-1				105		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BL	Instrumnet Name :	P8
Client Sample ID :	PB126768BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:11:38	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.13	0.04	-0.18	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	153.96	ppb
Zirconium	91-1	0.03	-0.02	0.01	0.01	258.77	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BS	Instrumnet Name :	P8
Client Sample ID :	PB126768BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:14:26	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10426.92	10501.33	10536.31	10488.19	0.53	ppb
Antimony	121-1	499.44	493.09	498.05	496.86	0.67	ppb
Arsenic	75-2	491.64	498.79	499.84	496.76	0.90	ppb
Barium	135-1	2518.71	2449.66	2478.48	2482.28	1.40	ppb
Barium	137-1	2477.57	2438.08	2502.26	2472.64	1.31	ppb
Beryllium	9-1	509.78	506.98	512.22	509.66	0.51	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	368.26	439.74	477.12	428.37	12.91	ppb
Boron	11-1	374.08	434.17	479.77	429.34	12.35	ppb
Bromine	81-1						cps
Cadmium	111-1	496.50	490.97	497.07	494.85	0.68	ppb
Cadmium	106-1	502.60	473.27	499.15	491.68	3.26	ppb
Cadmium	108-1	503.97	494.31	492.14	496.81	1.27	ppb
Calcium	43-1	52962.76	52935.24	53437.94	53111.98	0.53	ppb
Calcium	44-1	52607.80	52016.66	52471.14	52365.20	0.59	ppb
Chromium	52-2	497.05	494.63	495.84	495.84	0.24	ppb
Cobalt	59-2	493.59	495.70	495.66	494.98	0.24	ppb
Copper	63-2	1013.27	1015.55	1014.41	1014.41	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	54-2	27655.45	27604.14	27556.20	27605.26	0.18	ppb
Iron	56-2	26721.86	26547.96	26846.78	26705.53	0.56	ppb
Iron	57-2	26493.82	26613.97	26412.16	26506.65	0.38	ppb
Krypton	83-1						cps
Lead	206-1	478.88	488.07	483.93	483.63	0.95	ppb
Lead	207-1	481.84	485.45	482.14	483.15	0.42	ppb
Lead	208-1	490.36	492.95	492.31	491.87	0.27	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BS	Instrumnet Name :	P8
Client Sample ID :	PB126768BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:14:26	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	51827.51	52527.52	51382.99	51912.67	1.11	ppb
Manganese	55-2	984.66	993.37	985.80	987.95	0.48	ppb
Molybdenum	94-1	2452.32	2475.76	2449.87	2459.32	0.58	ppb
Molybdenum	95-1	2438.14	2490.98	2477.23	2468.78	1.11	ppb
Molybdenum	96-1	2444.87	2489.50	2456.09	2463.48	0.94	ppb
Molybdenum	97-1	2467.14	2518.52	2499.90	2495.19	1.04	ppb
Molybdenum	98-1	2447.57	2502.37	2470.45	2473.46	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.28	497.77	496.03	493.69	1.14	ppb
Phosphorus	31-2	9686.73	9753.28	10350.58	9930.19	3.68	ppb
Potassium	39-2	26887.10	26585.27	26620.29	26697.56	0.62	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	498.74	503.34	494.23	498.77	0.91	ppb
Selenium	77-2	487.70	504.60	493.95	495.42	1.73	ppb
Selenium	78-2	491.52	497.34	513.94	500.94	2.32	ppb
Silicon	28-1	467.21	490.17	482.08	479.82	2.43	ppb
Silver	109-1	503.14	503.50	507.36	504.67	0.46	ppb
Silver	107-1	510.30	503.07	510.17	507.85	0.81	ppb
Sodium	23-2	52887.23	53534.73	52681.56	53034.51	0.84	ppb
Strontium	86-1	498.54	503.90	492.88	498.44	1.11	ppb
Strontium	88-1	500.59	501.87	506.68	503.05	0.64	ppb
Sulfur	34-1	7876.93	7942.33	7472.69	7763.99	3.28	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	487.38	485.40	484.71	485.83	0.29	ppb
Thallium	205-1	489.97	496.04	499.06	495.03	0.94	ppb
Tin	118-1	499.20	487.13	495.76	494.03	1.26	ppb
Titanium	47-1	2507.39	2529.18	2434.62	2490.40	1.99	ppb
Uranium	238-1	493.72	493.10	495.76	494.19	0.28	ppb
Vanadium	51-2	484.57	494.42	493.91	490.97	1.13	ppb
Yttrium	89-1				112		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BS	Instrumnet Name :	P8
Client Sample ID :	PB126768BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:14:26	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	1004.16	1003.47	997.88	1001.84	0.34	ppb
Zirconium	90-1	497.34	501.50	484.82	494.55	1.75	ppb
Zirconium	91-1	481.71	493.41	487.04	487.39	1.20	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125373.79	124206.83	124838.45	124806.36	0.47	ppb
Antimony	121-1	0.32	0.29	0.21	0.27	20.99	ppb
Arsenic	75-2	51.82	52.23	51.23	51.76	0.97	ppb
Barium	135-1	653.04	665.61	674.11	664.25	1.60	ppb
Barium	137-1	655.95	677.35	682.75	672.02	2.11	ppb
Beryllium	9-1	8.59	8.57	9.00	8.72	2.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	132.15	131.27	134.88	132.76	1.42	ppb
Boron	11-1	132.09	133.40	136.27	133.92	1.60	ppb
Bromine	81-1						cps
Cadmium	111-1	4.18	4.30	4.36	4.28	2.11	ppb
Cadmium	106-1	20.49	22.28	23.45	22.07	6.77	ppb
Cadmium	108-1	10.21	9.03	11.09	10.11	10.23	ppb
Calcium	43-1	1102566.91	1165856.28	1133447.97	1133957.06	2.79	ppb
Calcium	44-1	1099279.75	1128400.43	1116660.74	1114780.31	1.31	ppb
Chromium	52-2	192.02	194.84	191.54	192.80	0.92	ppb
Cobalt	59-2	50.75	51.75	51.27	51.26	0.97	ppb
Copper	63-2	83.87	86.43	84.09	84.80	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	160095.59	165413.47	162099.57	162536.21	1.65	ppb
Iron	56-2	162369.77	164597.33	160939.13	162635.41	1.13	ppb
Iron	57-2	161134.80	164251.13	163948.64	163111.52	1.05	ppb
Krypton	83-1						cps
Lead	206-1	175.89	177.68	182.54	178.70	1.92	ppb
Lead	207-1	164.10	164.57	170.07	166.25	2.00	ppb
Lead	208-1	167.88	168.22	172.92	169.67	1.66	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	35516.74	36379.64	36043.46	35979.95	1.21	ppb
Manganese	55-2	3156.38	3251.48	3249.11	3218.99	1.68	ppb
Molybdenum	94-1	132.82	138.48	138.86	136.72	2.48	ppb
Molybdenum	95-1	1.85	1.65	1.46	1.65	11.85	ppb
Molybdenum	96-1	17.36	17.77	18.08	17.74	2.02	ppb
Molybdenum	97-1	1.78	1.71	1.33	1.61	15.00	ppb
Molybdenum	98-1	1.82	1.79	1.44	1.68	12.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.11	133.24	133.61	132.99	0.59	ppb
Phosphorus	31-2	9388.98	10070.71	9646.31	9702.00	3.55	ppb
Potassium	39-2	31813.24	33693.64	33290.16	32932.35	3.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	5.67	4.76	6.73	5.72	17.25	ppb
Selenium	77-2	131.86	131.91	123.41	129.06	3.79	ppb
Selenium	78-2	14.49	16.51	17.46	16.15	9.38	ppb
Silicon	28-1	770.27	731.89	589.41	697.19	13.67	ppb
Silver	109-1	1.23	1.36	1.29	1.29	4.95	ppb
Silver	107-1	1.36	1.48	1.34	1.40	5.57	ppb
Sodium	23-2	1764.79	1851.01	1834.12	1816.64	2.52	ppb
Strontium	86-1	1082.19	1129.38	1122.07	1111.21	2.29	ppb
Strontium	88-1	1116.02	1140.34	1143.27	1133.21	1.32	ppb
Sulfur	34-1	-976.65	201.31	-665.31	-480.22		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	2.24	1.97	1.84	2.02	10.17	ppb
Thallium	205-1	2.14	2.02	2.07	2.08	2.99	ppb
Tin	118-1	1.20	1.07	1.05	1.11	7.03	ppb
Titanium	47-1	56.40	47.29	42.60	48.76	14.39	ppb
Uranium	238-1	9.04	8.99	9.34	9.12	2.09	ppb
Vanadium	51-2	268.68	268.82	265.93	267.81	0.61	ppb
Yttrium	89-1				144		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				144		%
Zinc	66-2	409.37	421.49	419.13	416.66	1.54	ppb
Zirconium	90-1	89.05	91.91	93.68	91.55	2.55	ppb
Zirconium	91-1	88.33	92.04	90.98	90.45	2.11	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51692.33	51533.70	51072.37	51432.80	0.63	ppb
Antimony	121-1	0.10	0.09	0.07	0.09	16.01	ppb
Arsenic	75-2	45.25	45.81	45.81	45.63	0.70	ppb
Barium	135-1	435.18	444.25	434.94	438.13	1.21	ppb
Barium	137-1	437.35	434.41	441.67	437.81	0.83	ppb
Beryllium	9-1	3.80	4.00	4.37	4.06	7.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	115.67	132.99	139.37	129.34	9.48	ppb
Boron	11-1	119.86	131.91	142.19	131.32	8.51	ppb
Bromine	81-1						cps
Cadmium	111-1	4.36	4.30	4.32	4.33	0.73	ppb
Cadmium	106-1	16.51	17.47	15.05	16.34	7.46	ppb
Cadmium	108-1	6.71	8.90	7.18	7.60	15.18	ppb
Calcium	43-1	414984.40	426683.81	419073.78	420247.33	1.41	ppb
Calcium	44-1	406013.77	421334.85	417580.00	414976.21	1.92	ppb
Chromium	52-2	148.32	149.77	145.99	148.03	1.29	ppb
Cobalt	59-2	75.88	75.63	75.21	75.57	0.44	ppb
Copper	63-2	74.41	73.45	71.37	73.08	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	94011.51	95798.10	93414.90	94408.17	1.31	ppb
Iron	56-2	94868.58	92946.40	92111.75	93308.91	1.52	ppb
Iron	57-2	95786.48	94798.30	94386.74	94990.51	0.76	ppb
Krypton	83-1						cps
Lead	206-1	123.23	126.10	123.34	124.22	1.31	ppb
Lead	207-1	117.07	117.36	114.52	116.32	1.35	ppb
Lead	208-1	118.97	120.27	117.67	118.97	1.09	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	24478.78	24384.72	24073.67	24312.39	0.87	ppb
Manganese	55-2	1444.84	1429.45	1440.99	1438.43	0.56	ppb
Molybdenum	94-1	97.85	102.79	99.15	99.93	2.56	ppb
Molybdenum	95-1	0.84	0.72	0.81	0.79	8.02	ppb
Molybdenum	96-1	12.55	12.99	12.54	12.69	2.05	ppb
Molybdenum	97-1	0.93	0.78	0.91	0.87	9.14	ppb
Molybdenum	98-1	0.78	0.73	0.75	0.76	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.13	157.32	157.15	157.53	0.33	ppb
Phosphorus	31-2	6924.38	6703.41	6096.43	6574.74	6.52	ppb
Potassium	39-2	20820.04	20313.78	20226.08	20453.30	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	13.12	9.86	11.68	11.56	14.15	ppb
Selenium	77-2	126.51	133.01	128.53	129.35	2.57	ppb
Selenium	78-2	18.22	22.90	19.99	20.37	11.60	ppb
Silicon	28-1	1625.44	645.73	1614.29	1295.15	43.43	ppb
Silver	109-1	0.29	0.31	0.27	0.29	7.58	ppb
Silver	107-1	0.40	0.32	0.37	0.36	12.32	ppb
Sodium	23-2	1818.88	1804.13	1791.93	1804.98	0.75	ppb
Strontium	86-1	2785.01	2792.92	2799.21	2792.38	0.25	ppb
Strontium	88-1	2844.72	2921.28	2844.38	2870.13	1.54	ppb
Sulfur	34-1	14486.24	15496.06	15814.84	15265.71	4.54	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	2.29	2.37	2.15	2.27	4.90	ppb
Thallium	205-1	2.24	2.36	2.25	2.28	2.74	ppb
Tin	118-1	0.74	0.89	0.88	0.83	10.06	ppb
Titanium	47-1	19.88	22.97	33.00	25.28	27.12	ppb
Uranium	238-1	7.46	7.50	7.56	7.51	0.70	ppb
Vanadium	51-2	221.26	215.87	212.55	216.56	2.03	ppb
Yttrium	89-1				131		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				131		%
Zinc	66-2	448.79	449.68	449.66	449.38	0.11	ppb
Zirconium	90-1	66.58	66.77	67.73	67.03	0.92	ppb
Zirconium	91-1	65.64	66.29	66.97	66.30	1.01	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:22:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58034.42	59768.61	59430.37	59077.80	1.56	ppb
Antimony	121-1	0.08	0.06	0.09	0.07	19.19	ppb
Arsenic	75-2	54.61	55.17	54.43	54.74	0.71	ppb
Barium	135-1	759.41	751.79	757.49	756.23	0.52	ppb
Barium	137-1	756.48	761.29	758.41	758.73	0.32	ppb
Beryllium	9-1	5.28	5.03	5.18	5.16	2.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	96.28	98.89	106.08	100.42	5.05	ppb
Boron	11-1	96.02	100.76	106.91	101.23	5.39	ppb
Bromine	81-1						cps
Cadmium	111-1	2.91	2.53	2.46	2.63	9.26	ppb
Cadmium	106-1	19.83	16.08	15.95	17.29	12.74	ppb
Cadmium	108-1	7.10	6.82	6.43	6.78	5.02	ppb
Calcium	43-1	805727.78	793972.79	804953.14	801551.24	0.82	ppb
Calcium	44-1	804054.91	778771.85	800726.39	794517.72	1.73	ppb
Chromium	52-2	184.69	187.42	181.86	184.66	1.51	ppb
Cobalt	59-2	47.73	47.82	48.46	48.00	0.83	ppb
Copper	63-2	61.80	62.59	62.22	62.20	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	181326.49	183924.90	179280.92	181510.77	1.28	ppb
Iron	56-2	183970.79	184182.47	184238.13	184130.46	0.08	ppb
Iron	57-2	180451.84	180953.60	182125.17	181176.87	0.47	ppb
Krypton	83-1						cps
Lead	206-1	120.24	113.58	113.72	115.85	3.28	ppb
Lead	207-1	112.59	107.31	106.34	108.74	3.09	ppb
Lead	208-1	114.13	109.92	108.78	110.94	2.54	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:22:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	30734.32	30893.41	30618.42	30748.72	0.45	ppb
Manganese	55-2	1855.69	1872.38	1854.05	1860.70	0.55	ppb
Molybdenum	94-1	103.88	102.95	101.91	102.91	0.96	ppb
Molybdenum	95-1	1.00	1.06	1.05	1.04	3.03	ppb
Molybdenum	96-1	13.63	13.74	12.97	13.45	3.11	ppb
Molybdenum	97-1	0.95	0.88	0.92	0.92	4.26	ppb
Molybdenum	98-1	1.08	0.97	1.00	1.02	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.58	147.35	147.51	147.14	0.34	ppb
Phosphorus	31-2	9600.13	9249.04	9991.88	9613.68	3.87	ppb
Potassium	39-2	17694.01	17934.33	17375.89	17668.08	1.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				121		%
Scandium	45-2				118		%
Selenium	82-1	5.74	5.00	4.37	5.04	13.59	ppb
Selenium	77-2	121.69	131.12	105.36	119.39	10.91	ppb
Selenium	78-2	17.11	18.80	16.89	17.60	5.93	ppb
Silicon	28-1	448.85	421.05	632.80	500.90	22.97	ppb
Silver	109-1	0.28	0.24	0.21	0.24	13.35	ppb
Silver	107-1	0.32	0.26	0.26	0.28	12.02	ppb
Sodium	23-2	1620.29	1658.93	1628.08	1635.77	1.25	ppb
Strontium	86-1	2178.84	2130.26	2146.91	2152.00	1.15	ppb
Strontium	88-1	2215.41	2180.14	2194.57	2196.70	0.81	ppb
Sulfur	34-1	1229.58	846.00	933.41	1003.00	20.04	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.39	1.29	1.20	1.30	7.37	ppb
Thallium	205-1	1.41	1.31	1.28	1.33	5.27	ppb
Tin	118-1	0.83	0.77	0.79	0.80	3.69	ppb
Titanium	47-1	18.18	31.80	19.96	23.32	31.75	ppb
Uranium	238-1	9.25	8.52	8.72	8.83	4.30	ppb
Vanadium	51-2	276.06	276.27	274.30	275.54	0.39	ppb
Yttrium	89-1				140		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:22:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				137		%
Zinc	66-2	477.43	480.17	479.29	478.96	0.29	ppb
Zirconium	90-1	71.52	67.48	68.26	69.09	3.10	ppb
Zirconium	91-1	70.81	67.34	68.45	68.87	2.58	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63802.55	67336.20	63696.20	64944.99	3.19	ppb
Antimony	121-1	0.08	0.08	0.06	0.08	13.88	ppb
Arsenic	75-2	53.38	56.60	54.22	54.73	3.06	ppb
Barium	135-1	543.34	575.48	593.70	570.84	4.47	ppb
Barium	137-1	553.27	580.78	588.72	574.26	3.24	ppb
Beryllium	9-1	4.73	5.10	5.10	4.97	4.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	85.32	95.62	106.48	95.81	11.04	ppb
Boron	11-1	91.99	103.79	107.52	101.10	8.02	ppb
Bromine	81-1						cps
Cadmium	111-1	2.65	2.51	2.67	2.61	3.27	ppb
Cadmium	106-1	17.10	15.60	16.96	16.55	5.02	ppb
Cadmium	108-1	7.33	7.90	8.06	7.77	5.00	ppb
Calcium	43-1	815757.72	856704.94	833151.39	835204.68	2.46	ppb
Calcium	44-1	808465.15	844215.52	836078.69	829586.45	2.26	ppb
Chromium	52-2	169.65	179.01	169.33	172.66	3.18	ppb
Cobalt	59-2	41.04	43.30	40.64	41.66	3.44	ppb
Copper	63-2	65.70	69.71	66.91	67.44	3.05	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				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	150419.87	156765.02	150724.71	152636.53	2.34	ppb
Iron	56-2	149933.53	156335.36	148379.22	151549.37	2.78	ppb
Iron	57-2	150336.72	156301.70	148736.70	151791.71	2.63	ppb
Krypton	83-1						cps
Lead	206-1	118.81	120.57	124.06	121.15	2.21	ppb
Lead	207-1	112.29	114.23	118.12	114.88	2.58	ppb
Lead	208-1	113.73	116.50	119.53	116.59	2.49	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	36349.75	39127.64	36041.16	37172.85	4.57	ppb
Manganese	55-2	1746.74	1804.19	1726.24	1759.06	2.30	ppb
Molybdenum	94-1	103.39	106.15	105.36	104.97	1.35	ppb
Molybdenum	95-1	0.75	0.85	0.86	0.82	7.67	ppb
Molybdenum	96-1	13.43	13.70	13.52	13.55	1.04	ppb
Molybdenum	97-1	0.80	0.86	0.96	0.87	9.33	ppb
Molybdenum	98-1	0.75	0.86	0.89	0.84	8.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.67	133.91	126.38	129.32	3.11	ppb
Phosphorus	31-2	8874.01	9172.81	8784.15	8943.65	2.28	ppb
Potassium	39-2	20392.81	22034.49	20371.94	20933.08	4.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				118		%
Scandium	45-2				112		%
Selenium	82-1	7.14	6.58	4.20	5.97	26.17	ppb
Selenium	77-2	134.38	115.45	106.92	118.91	11.82	ppb
Selenium	78-2	18.00	17.36	15.79	17.05	6.69	ppb
Silicon	28-1	477.22	356.13	562.16	465.17	22.26	ppb
Silver	109-1	0.39	0.41	0.39	0.40	2.32	ppb
Silver	107-1	0.45	0.44	0.49	0.46	5.85	ppb
Sodium	23-2	2620.08	2765.88	2581.81	2655.92	3.66	ppb
Strontium	86-1	2026.70	2055.90	2146.35	2076.32	3.00	ppb
Strontium	88-1	2061.95	2111.47	2147.34	2106.92	2.04	ppb
Sulfur	34-1	38975.43	42652.21	40786.42	40804.69	4.51	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.35	1.35	1.30	1.33	2.26	ppb
Thallium	205-1	1.27	1.35	1.31	1.31	2.97	ppb
Tin	118-1	0.70	0.70	0.62	0.67	6.56	ppb
Titanium	47-1	20.88	15.90	15.24	17.34	17.80	ppb
Uranium	238-1	8.90	9.52	9.53	9.31	3.89	ppb
Vanadium	51-2	239.16	255.20	239.72	244.69	3.72	ppb
Yttrium	89-1				136		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				131		%
Zinc	66-2	410.15	429.44	414.77	418.12	2.41	ppb
Zirconium	90-1	69.28	71.15	73.11	71.18	2.69	ppb
Zirconium	91-1	69.35	70.47	73.37	71.06	2.91	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65256.54	64143.17	66676.94	65358.89	1.94	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.01	ppb
Arsenic	75-2	44.34	43.92	45.09	44.45	1.33	ppb
Barium	135-1	450.36	463.79	461.05	458.40	1.55	ppb
Barium	137-1	458.13	470.97	460.20	463.10	1.49	ppb
Beryllium	9-1	4.53	4.87	4.75	4.72	3.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	74.00	84.11	89.62	82.58	9.59	ppb
Boron	11-1	77.99	88.95	89.92	85.62	7.74	ppb
Bromine	81-1						cps
Cadmium	111-1	2.37	2.23	2.11	2.24	5.82	ppb
Cadmium	106-1	15.09	13.84	12.41	13.78	9.75	ppb
Cadmium	108-1	6.20	5.76	6.32	6.09	4.88	ppb
Calcium	43-1	594533.23	605504.41	610973.06	603670.23	1.39	ppb
Calcium	44-1	591910.84	596695.66	591919.14	593508.55	0.47	ppb
Chromium	52-2	160.01	158.97	158.87	159.28	0.40	ppb
Cobalt	59-2	50.49	50.59	50.16	50.41	0.45	ppb
Copper	63-2	66.07	68.37	67.19	67.21	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	119020.73	120283.76	119938.18	119747.55	0.55	ppb
Iron	56-2	120543.66	120951.48	119321.79	120272.31	0.71	ppb
Iron	57-2	121182.12	122078.04	118806.12	120688.76	1.40	ppb
Krypton	83-1						cps
Lead	206-1	120.05	120.48	118.63	119.72	0.81	ppb
Lead	207-1	113.67	113.06	111.79	112.84	0.85	ppb
Lead	208-1	114.75	115.27	114.75	114.92	0.26	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	21901.72	21781.25	21981.18	21888.05	0.46	ppb
Manganese	55-2	2106.89	2130.24	2121.58	2119.57	0.56	ppb
Molybdenum	94-1	102.35	100.02	102.81	101.72	1.47	ppb
Molybdenum	95-1	0.93	0.97	1.01	0.97	3.87	ppb
Molybdenum	96-1	13.26	13.00	13.11	13.12	0.97	ppb
Molybdenum	97-1	0.97	0.88	1.01	0.95	6.70	ppb
Molybdenum	98-1	1.02	0.89	1.02	0.98	7.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.00	131.18	129.54	130.24	0.65	ppb
Phosphorus	31-2	10426.48	9976.53	9688.51	10030.51	3.71	ppb
Potassium	39-2	20316.50	20248.97	20301.09	20288.86	0.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				121		%
Scandium	45-2				117		%
Selenium	82-1	5.61	5.94	5.84	5.80	2.96	ppb
Selenium	77-2	101.36	87.48	106.82	98.55	10.12	ppb
Selenium	78-2	13.69	12.47	14.39	13.52	7.17	ppb
Silicon	28-1	400.72	207.98	176.48	261.73	46.38	ppb
Silver	109-1	0.35	0.39	0.33	0.36	9.25	ppb
Silver	107-1	0.37	0.46	0.43	0.42	10.98	ppb
Sodium	23-2	1767.64	1762.66	1743.27	1757.86	0.73	ppb
Strontium	86-1	1938.16	1899.46	1920.26	1919.29	1.01	ppb
Strontium	88-1	1979.30	1912.58	1947.42	1946.43	1.71	ppb
Sulfur	34-1	637.13	502.43	380.44	506.67	25.34	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.44	1.13	1.27	1.28	12.31	ppb
Thallium	205-1	1.25	1.30	1.34	1.30	3.30	ppb
Tin	118-1	1.01	1.02	1.09	1.04	3.92	ppb
Titanium	47-1	15.65	18.03	14.60	16.09	10.94	ppb
Uranium	238-1	8.15	8.25	7.99	8.13	1.65	ppb
Vanadium	51-2	215.41	217.67	214.60	215.89	0.74	ppb
Yttrium	89-1				135		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				132		%
Zinc	66-2	524.43	517.70	520.65	520.93	0.65	ppb
Zirconium	90-1	67.96	67.61	68.59	68.05	0.73	ppb
Zirconium	91-1	69.56	67.07	67.51	68.05	1.95	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57576.75	58260.85	58412.47	58083.36	0.77	ppb
Antimony	121-1	0.07	0.09	0.10	0.09	14.98	ppb
Arsenic	75-2	54.16	53.98	52.75	53.63	1.43	ppb
Barium	135-1	386.35	370.35	381.30	379.33	2.16	ppb
Barium	137-1	385.63	378.49	383.28	382.47	0.95	ppb
Beryllium	9-1	4.29	4.23	4.12	4.21	1.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	67.33	69.65	74.26	70.41	5.01	ppb
Boron	11-1	65.60	72.33	77.13	71.68	8.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.93	1.99	2.07	1.99	3.49	ppb
Cadmium	106-1	12.13	13.07	12.52	12.57	3.76	ppb
Cadmium	108-1	5.60	5.44	4.80	5.28	8.05	ppb
Calcium	43-1	535345.70	537011.04	532490.71	534949.15	0.43	ppb
Calcium	44-1	527860.41	531199.11	532482.94	530514.15	0.45	ppb
Chromium	52-2	125.18	131.42	127.86	128.15	2.44	ppb
Cobalt	59-2	39.44	40.74	39.88	40.02	1.65	ppb
Copper	63-2	58.04	58.41	59.03	58.49	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	115079.54	118460.42	114842.85	116127.60	1.74	ppb
Iron	56-2	117416.43	119471.11	117376.14	118087.89	1.01	ppb
Iron	57-2	117800.60	119616.84	116820.64	118079.36	1.20	ppb
Krypton	83-1						cps
Lead	206-1	107.57	107.52	108.44	107.84	0.48	ppb
Lead	207-1	100.65	101.61	100.97	101.08	0.48	ppb
Lead	208-1	102.85	103.52	104.16	103.51	0.64	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	25409.53	26221.40	25814.78	25815.24	1.57	ppb
Manganese	55-2	1632.53	1655.52	1659.61	1649.22	0.89	ppb
Molybdenum	94-1	95.90	96.79	97.95	96.88	1.06	ppb
Molybdenum	95-1	0.71	0.68	0.70	0.70	1.91	ppb
Molybdenum	96-1	12.22	12.47	12.24	12.31	1.11	ppb
Molybdenum	97-1	0.60	0.71	0.58	0.63	11.04	ppb
Molybdenum	98-1	0.71	0.65	0.66	0.67	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.37	121.93	120.79	120.70	1.06	ppb
Phosphorus	31-2	5478.07	5450.73	5495.93	5474.91	0.42	ppb
Potassium	39-2	18439.97	18523.34	18661.46	18541.59	0.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				117		%
Scandium	45-2				113		%
Selenium	82-1	5.10	5.06	4.73	4.96	4.10	ppb
Selenium	77-2	89.29	90.32	80.68	86.76	6.10	ppb
Selenium	78-2	13.56	14.17	14.62	14.12	3.77	ppb
Silicon	28-1	391.34	211.26	410.61	337.74	32.56	ppb
Silver	109-1	0.41	0.37	0.40	0.39	5.37	ppb
Silver	107-1	0.44	0.44	0.37	0.42	9.48	ppb
Sodium	23-2	1603.94	1635.06	1654.51	1631.17	1.56	ppb
Strontium	86-1	1595.56	1634.36	1591.00	1606.97	1.48	ppb
Strontium	88-1	1638.61	1640.74	1629.41	1636.26	0.37	ppb
Sulfur	34-1	39459.04	40156.09	39414.51	39676.55	1.05	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	1.22	1.24	1.37	1.27	6.40	ppb
Thallium	205-1	1.31	1.39	1.27	1.32	4.54	ppb
Tin	118-1	0.55	0.58	0.49	0.54	7.76	ppb
Titanium	47-1	14.11	25.47	22.16	20.58	28.40	ppb
Uranium	238-1	5.74	5.81	5.87	5.81	1.13	ppb
Vanadium	51-2	171.10	174.09	172.15	172.45	0.88	ppb
Yttrium	89-1				130		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				127		%
Zinc	66-2	405.11	408.61	404.39	406.03	0.56	ppb
Zirconium	90-1	64.91	66.08	64.67	65.22	1.16	ppb
Zirconium	91-1	64.25	65.30	64.58	64.71	0.83	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11586.11	11753.20	11823.58	11720.96	1.04	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	71.82	ppb
Arsenic	75-2	11.22	12.16	12.32	11.90	5.02	ppb
Barium	135-1	73.86	74.46	73.67	74.00	0.56	ppb
Barium	137-1	72.92	74.64	75.70	74.42	1.88	ppb
Beryllium	9-1	0.82	0.95	0.85	0.87	8.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	28.68	29.46	30.02	29.39	2.28	ppb
Boron	11-1	28.16	29.37	29.35	28.96	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.32	0.30	0.36	24.67	ppb
Cadmium	106-1	3.32	1.59	0.73	1.88	70.19	ppb
Cadmium	108-1	1.00	1.45	0.92	1.12	25.24	ppb
Calcium	43-1	111908.16	108297.91	109072.03	109759.37	1.73	ppb
Calcium	44-1	110519.66	108539.63	106869.60	108642.96	1.68	ppb
Chromium	52-2	25.94	26.47	26.26	26.23	1.01	ppb
Cobalt	59-2	7.95	7.97	8.34	8.09	2.68	ppb
Copper	63-2	11.49	12.16	12.44	12.03	4.07	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	23261.60	23715.63	24272.79	23750.01	2.13	ppb
Iron	56-2	23703.61	23559.20	24529.01	23930.61	2.19	ppb
Iron	57-2	23359.80	23334.19	23806.46	23500.15	1.13	ppb
Krypton	83-1						cps
Lead	206-1	20.73	20.66	20.56	20.65	0.42	ppb
Lead	207-1	19.48	18.87	19.22	19.19	1.60	ppb
Lead	208-1	19.88	19.48	19.57	19.64	1.09	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	5227.79	5301.82	5462.45	5330.69	2.25	ppb
Manganese	55-2	333.72	339.07	340.25	337.68	1.03	ppb
Molybdenum	94-1	21.46	21.05	22.09	21.53	2.44	ppb
Molybdenum	95-1	0.15	0.16	0.21	0.17	17.82	ppb
Molybdenum	96-1	2.79	2.73	2.76	2.76	0.95	ppb
Molybdenum	97-1	0.17	0.15	0.13	0.15	11.42	ppb
Molybdenum	98-1	0.16	0.17	0.15	0.16	6.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.28	24.21	25.22	24.57	2.29	ppb
Phosphorus	31-2	1145.91	1194.99	1007.92	1116.27	8.69	ppb
Potassium	39-2	3765.93	3765.57	3754.80	3762.10	0.17	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	-1.07	3.32	1.69	1.31	169.10	ppb
Selenium	77-2	13.73	16.81	28.47	19.67	39.51	ppb
Selenium	78-2	2.73	3.02	2.81	2.86	5.27	ppb
Silicon	28-1	200.02	32.44	32.83	88.43	109.29	ppb
Silver	109-1	0.08	0.07	0.07	0.08	8.44	ppb
Silver	107-1	0.11	0.09	0.09	0.09	10.99	ppb
Sodium	23-2	275.42	276.88	303.64	285.31	5.57	ppb
Strontium	86-1	362.08	367.48	360.96	363.51	0.96	ppb
Strontium	88-1	370.74	380.50	371.06	374.10	1.48	ppb
Sulfur	34-1	6805.39	5177.42	5243.08	5741.96	16.05	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.29	0.25	0.26	7.84	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	3.00	ppb
Tin	118-1	0.09	0.07	0.11	0.09	18.75	ppb
Titanium	47-1	2.05	2.52	3.28	2.62	23.77	ppb
Uranium	238-1	1.11	1.06	1.06	1.08	2.35	ppb
Vanadium	51-2	35.41	35.50	36.08	35.66	1.02	ppb
Yttrium	89-1				111		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	80.14	84.11	83.67	82.64	2.63	ppb
Zirconium	90-1	14.49	14.65	14.66	14.60	0.65	ppb
Zirconium	91-1	14.05	14.51	14.94	14.50	3.06	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:38:45	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50841.61	50162.92	49651.95	50218.83	1.19	ppb
Antimony	121-1	475.52	486.61	489.59	483.90	1.53	ppb
Arsenic	75-2	476.91	481.98	475.80	478.23	0.69	ppb
Barium	135-1	2390.23	2472.78	2520.10	2461.04	2.67	ppb
Barium	137-1	2386.35	2477.06	2461.09	2441.50	1.98	ppb
Beryllium	9-1	509.50	507.79	512.60	509.96	0.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	427.77	503.66	528.48	486.64	10.78	ppb
Boron	11-1	427.66	499.21	533.42	486.76	11.09	ppb
Bromine	81-1						cps
Cadmium	111-1	469.89	475.36	479.30	474.85	0.99	ppb
Cadmium	106-1	479.28	484.95	478.69	480.97	0.72	ppb
Cadmium	108-1	457.21	477.82	477.98	471.01	2.54	ppb
Calcium	43-1	245737.02	250969.44	256893.64	251200.03	2.22	ppb
Calcium	44-1	245017.99	247892.19	253331.88	248747.35	1.70	ppb
Chromium	52-2	497.76	497.28	488.82	494.62	1.02	ppb
Cobalt	59-2	489.67	479.10	469.05	479.27	2.15	ppb
Copper	63-2	992.28	977.67	962.87	977.61	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	129095.46	124930.87	125105.46	126377.26	1.86	ppb
Iron	56-2	128113.99	125241.33	123797.58	125717.63	1.75	ppb
Iron	57-2	128451.42	125091.76	126505.87	126683.02	1.33	ppb
Krypton	83-1						cps
Lead	206-1	477.14	488.61	480.14	481.96	1.23	ppb
Lead	207-1	472.25	483.11	481.90	479.08	1.24	ppb
Lead	208-1	483.19	495.25	490.56	489.67	1.24	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:38:45	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	251244.22	249298.98	244870.66	248471.29	1.31	ppb
Manganese	55-2	988.73	962.07	952.38	967.72	1.95	ppb
Molybdenum	94-1	2446.41	2391.71	2429.98	2422.70	1.16	ppb
Molybdenum	95-1	2404.83	2401.64	2422.54	2409.67	0.47	ppb
Molybdenum	96-1	2375.52	2424.17	2416.11	2405.27	1.08	ppb
Molybdenum	97-1	2347.68	2418.83	2448.46	2404.99	2.15	ppb
Molybdenum	98-1	2320.29	2428.70	2423.54	2390.85	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.26	479.61	469.12	478.67	1.90	ppb
Phosphorus	31-2	9799.75	9494.44	9931.52	9741.91	2.30	ppb
Potassium	39-2	126548.69	126204.12	124076.46	125609.76	1.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	465.97	473.46	477.47	472.30	1.24	ppb
Selenium	77-2	458.08	516.51	466.29	480.29	6.59	ppb
Selenium	78-2	486.19	482.00	465.73	477.97	2.26	ppb
Silicon	28-1	485.12	513.73	546.23	515.03	5.94	ppb
Silver	109-1	470.83	489.66	482.53	481.00	1.98	ppb
Silver	107-1	474.99	479.68	488.08	480.92	1.38	ppb
Sodium	23-2	252694.41	253631.69	248258.83	251528.31	1.14	ppb
Strontium	86-1	470.53	474.90	484.47	476.63	1.50	ppb
Strontium	88-1	476.93	489.87	494.32	487.04	1.85	ppb
Sulfur	34-1	8429.42	8666.15	8283.08	8459.55	2.29	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	483.75	482.15	486.11	484.00	0.41	ppb
Thallium	205-1	488.02	498.86	492.93	493.27	1.10	ppb
Tin	118-1	473.68	476.76	484.09	478.18	1.12	ppb
Titanium	47-1	2447.81	2482.28	2476.86	2468.98	0.75	ppb
Uranium	238-1	500.78	507.97	502.16	503.64	0.76	ppb
Vanadium	51-2	496.52	481.38	477.93	485.28	2.04	ppb
Yttrium	89-1				112		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:38:45	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	986.90	964.36	962.22	971.16	1.41	ppb
Zirconium	90-1	479.24	471.91	485.32	478.82	1.40	ppb
Zirconium	91-1	480.55	475.68	476.28	477.50	0.56	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.77	9.61	8.01	10.79	32.72	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	4.72	ppb
Arsenic	75-2	0.09	0.15	0.07	0.10	41.51	ppb
Barium	135-1	0.31	0.51	0.40	0.41	24.40	ppb
Barium	137-1	0.31	0.43	0.38	0.37	17.10	ppb
Beryllium	9-1	0.13	0.12	0.18	0.14	21.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	57.58	54.53	54.24	55.45	3.34	ppb
Boron	11-1	60.98	55.44	52.40	56.28	7.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.08	0.13	0.13	35.98	ppb
Cadmium	106-1	0.66	-0.06	-0.09	0.17	249.45	ppb
Cadmium	108-1	0.09	-0.05	-0.12	-0.03		ppb
Calcium	43-1	17.24	47.36	34.15	32.92	45.86	ppb
Calcium	44-1	40.12	51.27	57.25	49.55	17.54	ppb
Chromium	52-2	0.13	0.02	0.03	0.06	96.41	ppb
Cobalt	59-2	0.11	0.08	0.08	0.09	20.37	ppb
Copper	63-2	0.27	0.28	0.17	0.24	25.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	30.98	32.58	22.89	28.82	18.03	ppb
Iron	56-2	30.65	29.12	22.13	27.30	16.64	ppb
Iron	57-2	21.35	32.31	22.31	25.32	23.96	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.12	0.12	9.54	ppb
Lead	207-1	0.06	0.14	0.14	0.12	38.16	ppb
Lead	208-1	0.11	0.14	0.12	0.12	14.77	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	52.57	53.13	38.61	48.10	17.10	ppb
Manganese	55-2	0.19	0.21	0.14	0.18	19.48	ppb
Molybdenum	94-1	0.40	0.45	0.58	0.48	19.86	ppb
Molybdenum	95-1	0.35	0.51	0.51	0.46	20.37	ppb
Molybdenum	96-1	0.40	0.52	0.48	0.46	13.55	ppb
Molybdenum	97-1	0.32	0.45	0.42	0.40	16.70	ppb
Molybdenum	98-1	0.39	0.47	0.52	0.46	13.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.11	0.12	0.13	22.05	ppb
Phosphorus	31-2	-10.19	1.50	-49.81	-19.50		ppb
Potassium	39-2	47.96	10.87	26.66	28.50	65.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.24	0.90	2.76	1.30	100.55	ppb
Selenium	77-2	1.06	-0.52	1.06	0.53	170.39	ppb
Selenium	78-2	-0.46	-0.28	-1.00	-0.58		ppb
Silicon	28-1	7.54	-2.61	-1.13	1.27	432.28	ppb
Silver	109-1	0.07	0.09	0.07	0.08	12.12	ppb
Silver	107-1	0.09	0.12	0.95	0.39	126.11	ppb
Sodium	23-2	48.39	38.76	33.10	40.08	19.28	ppb
Strontium	86-1	0.26	0.26	0.27	0.26	3.55	ppb
Strontium	88-1	0.11	0.15	0.15	0.13	16.48	ppb
Sulfur	34-1	9.95	-649.87	-117.83	-252.58		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.24	0.22	0.26	19.99	ppb
Thallium	205-1	0.30	0.28	0.26	0.28	7.63	ppb
Tin	118-1	0.09	0.08	0.09	0.09	5.88	ppb
Titanium	47-1	0.50	0.69	0.47	0.56	21.78	ppb
Uranium	238-1	0.06	0.10	0.13	0.09	36.06	ppb
Vanadium	51-2	0.10	0.11	0.08	0.09	17.78	ppb
Yttrium	89-1				102		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.11	0.09	0.03	0.08	54.61	ppb
Zirconium	90-1	0.08	0.09	0.13	0.10	26.49	ppb
Zirconium	91-1	0.07	0.07	0.09	0.08	16.39	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUP Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:44:50 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62208.23	66369.40	63631.79	64069.81	3.30	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	10.29	ppb
Arsenic	75-2	56.79	59.77	57.42	57.99	2.71	ppb
Barium	135-1	411.82	413.62	405.63	410.36	1.02	ppb
Barium	137-1	412.18	423.27	405.95	413.80	2.12	ppb
Beryllium	9-1	4.19	4.53	4.51	4.41	4.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	71.44	79.69	85.77	78.97	9.11	ppb
Boron	11-1	75.31	82.19	84.46	80.65	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	2.23	2.08	2.22	2.18	3.80	ppb
Cadmium	106-1	13.73	12.48	14.03	13.42	6.12	ppb
Cadmium	108-1	6.46	5.77	5.30	5.84	9.95	ppb
Calcium	43-1	567618.93	574997.15	555973.63	566196.57	1.69	ppb
Calcium	44-1	559519.95	556865.22	534924.74	550436.64	2.45	ppb
Chromium	52-2	137.40	143.83	139.39	140.21	2.35	ppb
Cobalt	59-2	42.69	44.85	43.70	43.75	2.47	ppb
Copper	63-2	61.64	64.39	62.07	62.70	2.36	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				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	121444.83	131611.11	123703.64	125586.52	4.25	ppb
Iron	56-2	122062.88	128533.61	124230.18	124942.22	2.64	ppb
Iron	57-2	123145.77	130286.76	126033.30	126488.61	2.84	ppb
Krypton	83-1						cps
Lead	206-1	115.25	116.76	114.23	115.41	1.11	ppb
Lead	207-1	108.29	109.34	107.18	108.27	1.00	ppb
Lead	208-1	111.05	111.41	109.67	110.71	0.83	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUP Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:44:50 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	27701.55	29033.54	28219.69	28318.26	2.37	ppb
Manganese	55-2	1740.35	1869.34	1798.72	1802.80	3.58	ppb
Molybdenum	94-1	102.40	102.52	101.33	102.08	0.64	ppb
Molybdenum	95-1	0.70	0.50	0.65	0.62	17.00	ppb
Molybdenum	96-1	12.77	12.92	12.98	12.89	0.82	ppb
Molybdenum	97-1	0.62	0.83	0.51	0.65	25.04	ppb
Molybdenum	98-1	0.68	0.71	0.66	0.68	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.64	132.81	127.09	128.51	2.95	ppb
Phosphorus	31-2	6047.02	6341.14	6165.19	6184.45	2.39	ppb
Potassium	39-2	19744.65	20704.22	20445.44	20298.10	2.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	82-1	5.05	5.21	5.63	5.30	5.56	ppb
Selenium	77-2	101.36	98.54	95.44	98.45	3.01	ppb
Selenium	78-2	12.41	13.21	14.31	13.31	7.19	ppb
Silicon	28-1	385.17	347.81	328.25	353.74	8.18	ppb
Silver	109-1	0.36	0.42	0.40	0.39	7.17	ppb
Silver	107-1	0.48	0.48	0.45	0.47	3.23	ppb
Sodium	23-2	1779.30	1855.86	1829.22	1821.46	2.13	ppb
Strontium	86-1	1644.78	1656.11	1668.33	1656.41	0.71	ppb
Strontium	88-1	1676.69	1665.03	1684.21	1675.31	0.58	ppb
Sulfur	34-1	43190.51	42784.43	39744.77	41906.57	4.49	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1.31	1.49	1.22	1.34	10.23	ppb
Thallium	205-1	1.38	1.33	1.37	1.36	1.81	ppb
Tin	118-1	0.27	0.34	0.31	0.31	11.24	ppb
Titanium	47-1	12.12	14.49	11.51	12.70	12.39	ppb
Uranium	238-1	5.93	6.20	6.04	6.06	2.19	ppb
Vanadium	51-2	184.05	196.67	188.99	189.91	3.35	ppb
Yttrium	89-1				130		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUP	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				123		%
Zinc	66-2	420.92	445.80	439.50	435.41	2.97	ppb
Zirconium	90-1	67.91	68.89	67.99	68.27	0.80	ppb
Zirconium	91-1	68.62	67.25	67.66	67.84	1.04	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MS Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:47:40 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87448.05	85546.09	85100.59	86031.58	1.45	ppb
Antimony	121-1	489.19	493.28	478.57	487.01	1.56	ppb
Arsenic	75-2	477.45	477.86	481.22	478.84	0.43	ppb
Barium	135-1	2729.51	2751.42	2665.78	2715.57	1.64	ppb
Barium	137-1	2699.47	2767.99	2676.25	2714.57	1.76	ppb
Beryllium	9-1	511.71	516.40	518.99	515.70	0.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	454.02	528.11	560.03	514.05	10.58	ppb
Boron	11-1	458.49	526.38	565.12	516.67	10.45	ppb
Bromine	81-1						cps
Cadmium	111-1	492.89	494.25	486.14	491.09	0.88	ppb
Cadmium	106-1	517.32	501.03	490.32	502.89	2.70	ppb
Cadmium	108-1	497.35	498.68	482.71	492.91	1.80	ppb
Calcium	43-1	688088.30	674496.60	672835.17	678473.36	1.23	ppb
Calcium	44-1	673138.03	665272.43	671461.02	669957.16	0.62	ppb
Chromium	52-2	620.12	617.60	607.23	614.98	1.11	ppb
Cobalt	59-2	513.41	510.30	498.89	507.53	1.51	ppb
Copper	63-2	898.14	895.57	880.39	891.37	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	145962.56	147620.24	145238.76	146273.86	0.83	ppb
Iron	56-2	147332.29	148980.51	144103.45	146805.42	1.69	ppb
Iron	57-2	145023.69	146699.40	144870.54	145531.21	0.70	ppb
Krypton	83-1						cps
Lead	206-1	645.93	653.62	652.87	650.81	0.65	ppb
Lead	207-1	654.54	656.09	664.77	658.47	0.84	ppb
Lead	208-1	661.08	660.71	669.37	663.72	0.74	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MS	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:47:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	72662.92	73748.87	70995.50	72469.10	1.91	ppb
Manganese	55-2	2888.89	2959.16	2842.66	2896.90	2.03	ppb
Molybdenum	94-1	1921.64	1942.18	1967.59	1943.81	1.18	ppb
Molybdenum	95-1	1738.89	1753.23	1797.94	1763.35	1.75	ppb
Molybdenum	96-1	1762.80	1781.88	1781.75	1775.48	0.62	ppb
Molybdenum	97-1	1746.54	1746.41	1786.85	1759.93	1.32	ppb
Molybdenum	98-1	1726.23	1754.00	1799.47	1759.90	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.74	593.00	578.46	587.07	1.30	ppb
Phosphorus	31-2	6644.60	6201.56	6339.77	6395.31	3.54	ppb
Potassium	39-2	44665.15	45134.18	44440.50	44746.61	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	391.38	395.53	396.57	394.49	0.70	ppb
Selenium	77-2	477.71	454.58	478.92	470.41	2.92	ppb
Selenium	78-2	411.25	411.57	438.12	420.32	3.67	ppb
Silicon	28-1	1470.53	1556.92	1440.60	1489.35	4.06	ppb
Silver	109-1	408.49	410.05	402.81	407.12	0.94	ppb
Silver	107-1	415.27	421.70	399.00	411.99	2.84	ppb
Sodium	23-2	46516.55	46834.43	44206.78	45852.59	3.13	ppb
Strontium	86-1	1945.28	1906.35	1968.15	1939.93	1.61	ppb
Strontium	88-1	1978.09	1959.93	1993.70	1977.24	0.85	ppb
Sulfur	34-1	34866.55	32842.47	33824.11	33844.38	2.99	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	509.29	494.62	507.01	503.64	1.57	ppb
Thallium	205-1	511.90	516.21	521.86	516.66	0.97	ppb
Tin	118-1	450.80	456.32	444.98	450.70	1.26	ppb
Titanium	47-1	2086.56	2054.54	2104.29	2081.80	1.21	ppb
Uranium	238-1	513.28	505.34	507.33	508.65	0.81	ppb
Vanadium	51-2	675.93	673.19	666.28	671.80	0.74	ppb
Yttrium	89-1				131		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MS	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:47:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				128		%
Zinc	66-2	1381.99	1398.75	1368.63	1383.12	1.09	ppb
Zirconium	90-1	466.19	470.25	471.92	469.46	0.63	ppb
Zirconium	91-1	463.21	466.95	467.63	465.93	0.51	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MSD Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:50:28 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75113.93	74081.06	75783.45	74992.82	1.14	ppb
Antimony	121-1	505.11	498.16	505.56	502.94	0.82	ppb
Arsenic	75-2	492.01	483.61	488.46	488.03	0.86	ppb
Barium	135-1	2684.20	2660.03	2654.36	2666.19	0.59	ppb
Barium	137-1	2667.28	2650.38	2704.40	2674.02	1.03	ppb
Beryllium	9-1	513.01	523.28	531.02	522.44	1.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	504.48	560.92	619.38	561.59	10.23	ppb
Boron	11-1	489.47	552.78	617.46	553.24	11.57	ppb
Bromine	81-1						cps
Cadmium	111-1	498.18	501.82	505.10	501.70	0.69	ppb
Cadmium	106-1	492.48	508.95	519.26	506.90	2.66	ppb
Cadmium	108-1	502.48	501.54	516.31	506.78	1.63	ppb
Calcium	43-1	633275.80	643300.69	660719.59	645765.36	2.15	ppb
Calcium	44-1	618854.41	640861.81	646963.89	635560.04	2.33	ppb
Chromium	52-2	611.47	612.82	615.58	613.29	0.34	ppb
Cobalt	59-2	515.04	514.94	516.34	515.44	0.15	ppb
Copper	63-2	904.60	906.00	898.80	903.13	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	145078.45	146482.85	146673.12	146078.14	0.60	ppb
Iron	56-2	146358.43	144256.33	144860.86	145158.54	0.75	ppb
Iron	57-2	147203.42	146042.53	145473.35	146239.77	0.60	ppb
Krypton	83-1						cps
Lead	206-1	643.70	643.75	644.21	643.89	0.04	ppb
Lead	207-1	648.17	642.93	640.64	643.91	0.60	ppb
Lead	208-1	654.30	647.20	652.77	651.42	0.57	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSD	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	70359.92	71547.64	70293.73	70733.76	1.00	ppb
Manganese	55-2	2698.02	2729.57	2710.52	2712.70	0.59	ppb
Molybdenum	94-1	1958.89	2023.78	1961.97	1981.55	1.85	ppb
Molybdenum	95-1	1783.58	1841.23	1816.43	1813.75	1.59	ppb
Molybdenum	96-1	1816.88	1828.09	1820.78	1821.92	0.31	ppb
Molybdenum	97-1	1789.68	1820.89	1791.81	1800.79	0.97	ppb
Molybdenum	98-1	1775.45	1825.38	1781.89	1794.24	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.91	595.67	596.81	596.13	0.10	ppb
Phosphorus	31-2	6417.93	6107.87	5710.17	6078.66	5.84	ppb
Potassium	39-2	43016.43	43790.20	43392.31	43399.65	0.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	82-1	409.72	415.59	408.21	411.17	0.95	ppb
Selenium	77-2	494.64	474.63	518.26	495.84	4.41	ppb
Selenium	78-2	430.41	426.08	421.01	425.83	1.10	ppb
Silicon	28-1	1044.08	1057.73	998.41	1033.41	3.01	ppb
Silver	109-1	430.92	418.37	428.09	425.80	1.55	ppb
Silver	107-1	419.13	412.09	417.35	416.19	0.88	ppb
Sodium	23-2	44517.38	44641.56	44010.51	44389.82	0.75	ppb
Strontium	86-1	2013.76	2066.21	2039.80	2039.92	1.29	ppb
Strontium	88-1	2034.12	2080.91	2078.43	2064.49	1.28	ppb
Sulfur	34-1	39442.47	42383.50	41080.27	40968.74	3.60	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	512.03	511.83	507.73	510.53	0.48	ppb
Thallium	205-1	521.64	524.65	523.37	523.22	0.29	ppb
Tin	118-1	451.10	443.93	453.01	449.35	1.07	ppb
Titanium	47-1	2046.15	2091.02	2091.61	2076.26	1.26	ppb
Uranium	238-1	519.14	512.80	524.80	518.91	1.16	ppb
Vanadium	51-2	661.75	673.06	667.28	667.36	0.85	ppb
Yttrium	89-1				131		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSD	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				127		%
Zinc	66-2	1334.88	1328.06	1330.19	1331.04	0.26	ppb
Zirconium	90-1	472.59	477.67	473.43	474.56	0.57	ppb
Zirconium	91-1	467.07	477.26	469.53	471.29	1.13	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06A	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207A	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:53:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64913.92	64901.71	64835.00	64883.54	0.07	ppb
Antimony	121-1	512.84	508.78	513.50	511.71	0.50	ppb
Arsenic	75-2	496.49	495.15	488.96	493.53	0.81	ppb
Barium	135-1	2674.52	2638.68	2691.70	2668.30	1.01	ppb
Barium	137-1	2639.01	2611.61	2607.30	2619.31	0.66	ppb
Beryllium	9-1	521.45	526.43	526.22	524.70	0.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	500.59	565.26	590.64	552.16	8.41	ppb
Boron	11-1	504.35	571.99	599.65	558.66	8.78	ppb
Bromine	81-1						cps
Cadmium	111-1	504.61	507.79	503.55	505.31	0.44	ppb
Cadmium	106-1	510.47	501.00	525.84	512.44	2.45	ppb
Cadmium	108-1	521.63	503.21	508.24	511.03	1.86	ppb
Calcium	43-1	558603.63	560381.18	560842.23	559942.35	0.21	ppb
Calcium	44-1	554287.07	548867.58	548649.33	550601.32	0.58	ppb
Chromium	52-2	602.76	593.19	594.17	596.71	0.88	ppb
Cobalt	59-2	515.67	507.24	508.92	510.61	0.87	ppb
Copper	63-2	906.66	895.12	876.95	892.91	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	136525.78	133376.73	135242.94	135048.48	1.17	ppb
Iron	56-2	135029.66	135210.51	132774.45	134338.21	1.01	ppb
Iron	57-2	136576.59	136499.06	135600.39	136225.35	0.40	ppb
Krypton	83-1						cps
Lead	206-1	617.34	621.73	626.50	621.86	0.74	ppb
Lead	207-1	620.36	632.95	632.75	628.69	1.15	ppb
Lead	208-1	623.88	634.43	635.81	631.37	1.03	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06A Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207A Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:53:18 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	68557.44	66988.58	67861.21	67802.41	1.16	ppb
Manganese	55-2	2471.93	2482.09	2432.98	2462.34	1.05	ppb
Molybdenum	94-1	2046.13	2075.47	2040.33	2053.98	0.92	ppb
Molybdenum	95-1	1822.67	1904.32	1874.87	1867.29	2.21	ppb
Molybdenum	96-1	1823.37	1908.94	1917.96	1883.42	2.77	ppb
Molybdenum	97-1	1841.90	1883.65	1923.69	1883.08	2.17	ppb
Molybdenum	98-1	1863.97	1879.63	1888.35	1877.32	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.55	586.26	587.33	587.71	0.29	ppb
Phosphorus	31-2	5337.79	5073.55	5498.83	5303.39	4.05	ppb
Potassium	39-2	40544.76	40502.49	40595.09	40547.45	0.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	82-1	426.95	423.37	427.30	425.87	0.51	ppb
Selenium	77-2	477.85	559.89	472.62	503.45	9.72	ppb
Selenium	78-2	431.18	436.85	445.97	438.00	1.70	ppb
Silicon	28-1	677.90	775.85	767.86	740.54	7.35	ppb
Silver	109-1	433.41	427.09	422.18	427.56	1.32	ppb
Silver	107-1	422.48	424.40	417.39	421.42	0.86	ppb
Sodium	23-2	44824.19	44725.84	44917.32	44822.45	0.21	ppb
Strontium	86-1	1898.45	1946.34	1968.38	1937.72	1.85	ppb
Strontium	88-1	1982.14	1991.11	1974.38	1982.54	0.42	ppb
Sulfur	34-1	37992.98	37386.08	38353.32	37910.79	1.29	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	503.78	515.18	512.62	510.53	1.17	ppb
Thallium	205-1	525.15	524.96	517.78	522.63	0.80	ppb
Tin	118-1	457.56	462.48	463.23	461.09	0.67	ppb
Titanium	47-1	2056.70	2087.87	2095.57	2080.05	0.99	ppb
Uranium	238-1	515.54	523.42	526.45	521.80	1.08	ppb
Vanadium	51-2	648.32	634.87	636.23	639.81	1.16	ppb
Yttrium	89-1				132		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06A	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207A	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:53:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				127		%
Zinc	66-2	1218.60	1211.49	1201.05	1210.38	0.73	ppb
Zirconium	90-1	477.41	478.13	476.06	477.20	0.22	ppb
Zirconium	91-1	475.20	479.56	477.97	477.58	0.46	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104722.04	103169.62	100756.54	102882.73	1.94	ppb
Antimony	121-1	0.45	0.38	0.45	0.43	9.50	ppb
Arsenic	75-2	41.19	40.56	40.61	40.79	0.86	ppb
Barium	135-1	565.84	585.99	590.10	580.64	2.24	ppb
Barium	137-1	573.79	587.52	590.20	583.84	1.51	ppb
Beryllium	9-1	6.42	6.12	6.37	6.31	2.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	201.01	208.14	201.06	203.41	2.02	ppb
Boron	11-1	200.99	204.84	204.94	203.59	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	3.45	3.64	3.70	3.60	3.72	ppb
Cadmium	106-1	15.73	16.98	17.50	16.74	5.43	ppb
Cadmium	108-1	7.38	7.47	8.26	7.70	6.35	ppb
Calcium	43-1	862775.61	869961.85	863444.02	865393.83	0.46	ppb
Calcium	44-1	855278.76	860458.59	840546.37	852094.58	1.21	ppb
Chromium	52-2	142.39	141.18	138.45	140.67	1.43	ppb
Cobalt	59-2	43.15	42.74	42.22	42.70	1.10	ppb
Copper	63-2	75.59	75.19	73.77	74.85	1.28	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				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	122104.20	120965.00	119336.88	120802.03	1.15	ppb
Iron	56-2	121146.08	120604.36	118585.22	120111.89	1.12	ppb
Iron	57-2	121486.19	123345.35	121324.21	122051.92	0.92	ppb
Krypton	83-1						cps
Lead	206-1	121.84	129.84	128.90	126.86	3.45	ppb
Lead	207-1	115.62	120.66	118.56	118.28	2.14	ppb
Lead	208-1	116.94	123.93	121.25	120.71	2.92	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	30858.69	29961.11	29747.99	30189.26	1.95	ppb
Manganese	55-2	3570.08	3578.37	3577.85	3575.43	0.13	ppb
Molybdenum	94-1	114.95	113.54	113.81	114.10	0.66	ppb
Molybdenum	95-1	1.99	1.96	1.89	1.95	2.53	ppb
Molybdenum	96-1	14.36	14.74	15.60	14.90	4.25	ppb
Molybdenum	97-1	1.92	1.85	1.88	1.88	1.75	ppb
Molybdenum	98-1	1.82	1.82	1.95	1.87	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.32	105.91	103.25	105.49	1.96	ppb
Phosphorus	31-2	6195.92	6533.68	6628.54	6452.71	3.52	ppb
Potassium	39-2	28111.96	28591.66	27483.89	28062.50	1.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	4.60	4.61	4.67	4.63	0.77	ppb
Selenium	77-2	120.01	102.15	101.53	107.90	9.73	ppb
Selenium	78-2	12.59	14.54	10.54	12.56	15.91	ppb
Silicon	28-1	1910.97	1967.48	1953.21	1943.89	1.51	ppb
Silver	109-1	0.69	0.69	0.64	0.67	4.63	ppb
Silver	107-1	0.69	0.77	0.77	0.74	6.79	ppb
Sodium	23-2	3858.05	3844.20	3747.39	3816.55	1.58	ppb
Strontium	86-1	1017.59	1020.82	1027.02	1021.81	0.47	ppb
Strontium	88-1	1040.35	1026.16	1036.65	1034.39	0.71	ppb
Sulfur	34-1	3450.61	3324.96	2776.70	3184.09	11.25	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	2.77	2.87	2.91	2.85	2.61	ppb
Thallium	205-1	2.78	2.91	2.93	2.87	2.94	ppb
Tin	118-1	2.48	2.52	2.61	2.54	2.55	ppb
Titanium	47-1	115.09	110.99	106.46	110.85	3.89	ppb
Uranium	238-1	6.23	6.67	6.28	6.39	3.82	ppb
Vanadium	51-2	205.55	204.34	201.88	203.92	0.92	ppb
Yttrium	89-1				124		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				123		%
Zinc	66-2	507.94	505.77	483.07	498.93	2.76	ppb
Zirconium	90-1	72.80	75.50	74.95	74.42	1.92	ppb
Zirconium	91-1	73.96	75.15	75.28	74.80	0.97	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-01DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-NW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 13:58:57 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26667.89	26534.73	26273.47	26492.03	0.76	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.18	ppb
Arsenic	75-2	13.76	13.45	13.80	13.67	1.39	ppb
Barium	135-1	130.28	132.20	133.85	132.11	1.36	ppb
Barium	137-1	136.07	131.82	133.36	133.75	1.61	ppb
Beryllium	9-1	1.94	1.89	1.85	1.89	2.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	77.53	79.18	79.12	78.61	1.19	ppb
Boron	11-1	79.05	78.32	79.40	78.93	0.70	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	0.84	0.78	0.93	23.32	ppb
Cadmium	106-1	5.81	4.91	3.88	4.87	19.87	ppb
Cadmium	108-1	1.91	1.76	1.81	1.83	4.15	ppb
Calcium	43-1	240769.84	250374.64	242746.02	244630.17	2.07	ppb
Calcium	44-1	233035.75	240227.63	236493.34	236585.57	1.52	ppb
Chromium	52-2	42.04	41.94	41.81	41.93	0.28	ppb
Cobalt	59-2	11.75	11.64	11.26	11.55	2.24	ppb
Copper	63-2	18.68	19.46	18.98	19.04	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	36111.69	36333.89	36793.10	36412.89	0.95	ppb
Iron	56-2	36439.13	36399.69	35380.07	36072.96	1.66	ppb
Iron	57-2	35837.30	35268.59	34669.12	35258.33	1.66	ppb
Krypton	83-1						cps
Lead	206-1	34.96	34.59	36.19	35.25	2.38	ppb
Lead	207-1	32.79	32.65	33.76	33.07	1.83	ppb
Lead	208-1	33.30	33.33	34.24	33.62	1.59	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-01DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-NW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 13:58:57 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	7861.04	7793.36	7708.22	7787.54	0.98	ppb
Manganese	55-2	697.58	704.43	688.58	696.86	1.14	ppb
Molybdenum	94-1	35.00	35.21	34.14	34.78	1.63	ppb
Molybdenum	95-1	0.60	0.53	0.47	0.53	12.18	ppb
Molybdenum	96-1	4.72	4.40	4.57	4.56	3.51	ppb
Molybdenum	97-1	0.47	0.47	0.53	0.49	6.26	ppb
Molybdenum	98-1	0.44	0.49	0.46	0.46	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.37	30.69	29.23	30.10	2.54	ppb
Phosphorus	31-2	2315.07	2265.16	2001.55	2193.93	7.68	ppb
Potassium	39-2	7087.09	7025.75	7004.34	7039.06	0.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	4.36	1.15	1.85	2.45	68.81	ppb
Selenium	77-2	37.08	30.11	42.53	36.57	17.01	ppb
Selenium	78-2	3.56	3.93	4.79	4.09	15.38	ppb
Silicon	28-1	139.67	154.57	184.08	159.44	14.17	ppb
Silver	109-1	0.41	0.39	0.44	0.41	5.49	ppb
Silver	107-1	0.40	0.37	0.46	0.41	10.03	ppb
Sodium	23-2	363.85	360.44	356.22	360.17	1.06	ppb
Strontium	86-1	290.62	284.58	287.70	287.63	1.05	ppb
Strontium	88-1	299.49	298.01	295.47	297.65	0.68	ppb
Sulfur	34-1	-2459.49	-2595.00	-2638.02	-2564.17		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.49	0.44	0.52	0.48	7.63	ppb
Thallium	205-1	0.47	0.51	0.54	0.50	6.49	ppb
Tin	118-1	0.25	0.23	0.22	0.23	6.17	ppb
Titanium	47-1	9.13	8.85	8.62	8.86	2.87	ppb
Uranium	238-1	1.82	1.78	1.84	1.81	1.51	ppb
Vanadium	51-2	57.78	57.86	57.18	57.61	0.64	ppb
Yttrium	89-1				120		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:58:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				116		%
Zinc	66-2	96.14	95.22	94.65	95.34	0.79	ppb
Zirconium	90-1	23.46	23.57	23.06	23.36	1.14	ppb
Zirconium	91-1	22.99	23.58	23.15	23.24	1.33	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:01:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11117.72	11340.91	11055.29	11171.31	1.34	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	9.07	ppb
Arsenic	75-2	10.68	10.47	11.01	10.72	2.53	ppb
Barium	135-1	83.89	85.59	87.89	85.79	2.34	ppb
Barium	137-1	84.79	85.12	88.10	86.00	2.12	ppb
Beryllium	9-1	0.79	0.90	0.79	0.83	7.85	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	64.20	65.12	62.77	64.03	1.85	ppb
Boron	11-1	61.87	62.17	63.77	62.60	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.72	0.95	0.83	0.84	13.38	ppb
Cadmium	106-1	2.38	3.00	2.87	2.75	11.94	ppb
Cadmium	108-1	1.34	1.36	1.88	1.53	20.17	ppb
Calcium	43-1	92829.10	96596.72	91711.37	93712.39	2.73	ppb
Calcium	44-1	90969.20	93011.56	90240.07	91406.94	1.57	ppb
Chromium	52-2	31.42	31.98	31.40	31.60	1.04	ppb
Cobalt	59-2	16.61	16.45	16.42	16.49	0.63	ppb
Copper	63-2	15.93	16.05	15.87	15.95	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	19960.73	20172.18	19848.67	19993.86	0.82	ppb
Iron	56-2	20643.39	20260.48	20018.99	20307.62	1.55	ppb
Iron	57-2	19975.39	20141.39	19551.88	19889.55	1.53	ppb
Krypton	83-1						cps
Lead	206-1	24.30	23.96	25.00	24.42	2.16	ppb
Lead	207-1	23.00	22.86	22.77	22.88	0.52	ppb
Lead	208-1	23.59	23.06	23.56	23.40	1.27	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-02DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-EW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:01:45 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	5333.93	5364.00	5320.54	5339.49	0.42	ppb
Manganese	55-2	315.57	309.46	307.80	310.94	1.32	ppb
Molybdenum	94-1	23.57	26.88	24.30	24.92	6.98	ppb
Molybdenum	95-1	0.18	0.19	0.15	0.17	10.29	ppb
Molybdenum	96-1	3.11	3.20	3.05	3.12	2.49	ppb
Molybdenum	97-1	0.20	0.16	0.14	0.17	16.23	ppb
Molybdenum	98-1	0.15	0.19	0.16	0.16	11.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.21	34.99	34.01	34.41	1.50	ppb
Phosphorus	31-2	1218.17	1385.42	1305.66	1303.08	6.42	ppb
Potassium	39-2	4295.53	4345.74	4256.37	4299.21	1.04	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	3.10	4.20	3.14	3.48	17.82	ppb
Selenium	77-2	28.77	25.39	32.84	29.00	12.86	ppb
Selenium	78-2	4.21	3.04	5.78	4.34	31.66	ppb
Silicon	28-1	314.78	825.55	878.49	672.94	46.26	ppb
Silver	109-1	0.15	0.16	0.19	0.17	10.61	ppb
Silver	107-1	0.12	0.15	0.17	0.15	18.35	ppb
Sodium	23-2	315.93	328.16	302.06	315.38	4.14	ppb
Strontium	86-1	671.65	668.06	671.77	670.49	0.31	ppb
Strontium	88-1	676.68	686.81	687.79	683.76	0.90	ppb
Sulfur	34-1	2161.19	1918.97	523.89	1534.68	57.58	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.53	0.44	0.48	0.48	9.84	ppb
Thallium	205-1	0.51	0.50	0.55	0.52	4.38	ppb
Tin	118-1	0.20	0.16	0.17	0.18	10.53	ppb
Titanium	47-1	16.91	9.01	21.04	15.65	39.06	ppb
Uranium	238-1	1.49	1.38	1.44	1.44	3.93	ppb
Vanadium	51-2	46.24	46.60	47.02	46.62	0.83	ppb
Yttrium	89-1				116		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:01:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	93.37	93.22	93.96	93.52	0.41	ppb
Zirconium	90-1	16.33	16.20	15.93	16.15	1.26	ppb
Zirconium	91-1	15.94	16.56	16.49	16.33	2.09	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:04:36 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12620.76	12951.25	12660.59	12744.20	1.42	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	23.31	ppb
Arsenic	75-2	13.47	13.71	12.99	13.39	2.73	ppb
Barium	135-1	146.20	148.99	148.75	147.98	1.04	ppb
Barium	137-1	145.95	151.06	147.64	148.21	1.76	ppb
Beryllium	9-1	1.04	1.00	1.02	1.02	1.95	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	46.94	47.82	46.28	47.01	1.64	ppb
Boron	11-1	46.55	47.79	47.58	47.31	1.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.55	0.55	0.54	0.33	ppb
Cadmium	106-1	3.29	2.31	4.62	3.40	34.05	ppb
Cadmium	108-1	1.49	0.95	1.04	1.16	25.13	ppb
Calcium	43-1	174198.53	170903.57	173408.07	172836.73	1.00	ppb
Calcium	44-1	169414.57	164949.42	171553.49	168639.16	2.00	ppb
Chromium	52-2	39.46	39.94	39.53	39.64	0.65	ppb
Cobalt	59-2	10.61	10.65	10.44	10.57	1.08	ppb
Copper	63-2	13.36	13.85	13.77	13.66	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				115		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	54-2	40936.06	40575.81	40229.71	40580.53	0.87	ppb
Iron	56-2	40441.68	40427.93	40138.18	40335.93	0.42	ppb
Iron	57-2	39166.29	39300.97	39431.74	39299.67	0.34	ppb
Krypton	83-1						cps
Lead	206-1	22.13	21.98	21.88	22.00	0.58	ppb
Lead	207-1	20.62	20.75	20.53	20.63	0.52	ppb
Lead	208-1	21.37	21.21	21.17	21.25	0.49	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:04:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	6682.72	6729.14	6747.84	6719.90	0.50	ppb
Manganese	55-2	402.87	407.85	396.86	402.52	1.37	ppb
Molybdenum	94-1	24.54	24.29	24.26	24.36	0.62	ppb
Molybdenum	95-1	0.22	0.25	0.29	0.25	13.97	ppb
Molybdenum	96-1	3.38	3.14	3.06	3.19	5.31	ppb
Molybdenum	97-1	0.24	0.21	0.21	0.22	6.94	ppb
Molybdenum	98-1	0.27	0.25	0.23	0.25	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.61	32.89	33.28	32.93	1.02	ppb
Phosphorus	31-2	1861.98	2007.80	2145.80	2005.19	7.08	ppb
Potassium	39-2	3696.12	3690.77	3737.32	3708.07	0.69	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	1.52	0.72	1.83	1.36	42.05	ppb
Selenium	77-2	27.95	29.44	24.77	27.39	8.70	ppb
Selenium	78-2	2.24	3.39	2.85	2.82	20.38	ppb
Silicon	28-1	85.20	77.82	79.44	80.82	4.80	ppb
Silver	109-1	0.10	0.11	0.12	0.11	11.24	ppb
Silver	107-1	0.15	0.15	0.16	0.15	3.65	ppb
Sodium	23-2	306.04	318.55	322.98	315.86	2.78	ppb
Strontium	86-1	514.64	511.57	513.04	513.08	0.30	ppb
Strontium	88-1	525.58	527.75	534.33	529.22	0.86	ppb
Sulfur	34-1	-1827.41	-2103.81	-2642.51	-2191.24		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.30	0.25	0.32	0.29	12.76	ppb
Thallium	205-1	0.27	0.29	0.27	0.28	4.16	ppb
Tin	118-1	0.10	0.15	0.13	0.13	21.82	ppb
Titanium	47-1	2.90	2.51	2.64	2.68	7.48	ppb
Uranium	238-1	1.52	1.59	1.65	1.59	4.17	ppb
Vanadium	51-2	59.05	60.27	58.61	59.31	1.45	ppb
Yttrium	89-1				118		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:04:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				115		%
Zinc	66-2	106.49	108.61	108.43	107.84	1.09	ppb
Zirconium	90-1	16.28	16.02	16.65	16.32	1.94	ppb
Zirconium	91-1	16.36	16.85	16.15	16.45	2.16	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-WW-200207DI Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:07:25 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13706.37	13460.13	15105.89	14090.79	6.30	ppb
Antimony	121-1	0.06	0.02	0.02	0.03	61.62	ppb
Arsenic	75-2	13.46	12.71	14.68	13.62	7.30	ppb
Barium	135-1	114.46	115.76	115.15	115.12	0.57	ppb
Barium	137-1	115.76	114.33	112.98	114.35	1.22	ppb
Beryllium	9-1	1.02	1.16	1.09	1.09	6.45	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	41.88	39.99	43.00	41.63	3.65	ppb
Boron	11-1	41.23	41.65	42.16	41.68	1.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.68	0.58	0.61	10.39	ppb
Cadmium	106-1	3.29	3.95	3.14	3.46	12.51	ppb
Cadmium	108-1	1.56	0.96	1.62	1.38	26.29	ppb
Calcium	43-1	183895.49	181381.60	184152.31	183143.13	0.84	ppb
Calcium	44-1	179897.65	181461.87	180184.67	180514.73	0.46	ppb
Chromium	52-2	36.53	36.17	39.63	37.44	5.08	ppb
Cobalt	59-2	8.57	9.03	9.95	9.18	7.66	ppb
Copper	63-2	14.73	14.75	16.70	15.39	7.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	32625.97	33225.32	37181.49	34344.26	7.21	ppb
Iron	56-2	32266.17	32793.47	36182.31	33747.31	6.30	ppb
Iron	57-2	30934.78	31768.16	35417.80	32706.91	7.29	ppb
Krypton	83-1						cps
Lead	206-1	24.62	24.28	24.29	24.40	0.78	ppb
Lead	207-1	22.62	22.98	22.91	22.84	0.83	ppb
Lead	208-1	23.13	23.19	23.20	23.17	0.16	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-WW-200207DI Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:07:25 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	7977.47	7766.89	8689.24	8144.53	5.93	ppb
Manganese	55-2	366.45	365.18	411.15	380.92	6.87	ppb
Molybdenum	94-1	25.96	25.63	25.77	25.79	0.64	ppb
Molybdenum	95-1	0.25	0.19	0.25	0.23	15.22	ppb
Molybdenum	96-1	3.23	3.26	3.22	3.24	0.71	ppb
Molybdenum	97-1	0.20	0.22	0.14	0.19	21.20	ppb
Molybdenum	98-1	0.24	0.25	0.24	0.24	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.28	27.62	30.74	28.55	6.69	ppb
Phosphorus	31-2	1785.47	1945.44	2111.40	1947.44	8.37	ppb
Potassium	39-2	4231.31	4249.21	4844.27	4441.60	7.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	1.04	1.40	3.21	1.88	61.82	ppb
Selenium	77-2	20.34	26.85	29.25	25.48	18.10	ppb
Selenium	78-2	2.17	2.84	5.42	3.48	49.34	ppb
Silicon	28-1	162.90	88.12	93.96	114.99	36.17	ppb
Silver	109-1	0.14	0.16	0.14	0.15	8.04	ppb
Silver	107-1	0.14	0.16	0.18	0.16	11.09	ppb
Sodium	23-2	513.99	521.76	621.58	552.44	10.86	ppb
Strontium	86-1	511.31	514.62	514.21	513.38	0.35	ppb
Strontium	88-1	512.02	525.30	519.64	518.99	1.28	ppb
Sulfur	34-1	6984.09	6600.46	6808.75	6797.77	2.83	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.32	0.31	0.31	0.31	2.74	ppb
Thallium	205-1	0.30	0.29	0.32	0.30	5.11	ppb
Tin	118-1	0.11	0.12	0.10	0.11	7.77	ppb
Titanium	47-1	3.00	3.84	2.45	3.10	22.59	ppb
Uranium	238-1	1.84	1.82	1.99	1.88	4.99	ppb
Vanadium	51-2	50.84	50.64	56.25	52.58	6.05	ppb
Yttrium	89-1				118		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207DI	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:07:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	91.67	93.14	100.22	95.01	4.81	ppb
Zirconium	90-1	16.98	17.22	17.50	17.23	1.50	ppb
Zirconium	91-1	16.82	17.28	16.86	16.99	1.49	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-FL-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:10:16 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13640.45	13782.64	13508.52	13643.87	1.00	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	32.58	ppb
Arsenic	75-2	10.82	10.62	11.21	10.88	2.78	ppb
Barium	135-1	92.73	90.38	93.82	92.31	1.90	ppb
Barium	137-1	94.11	89.79	91.34	91.75	2.38	ppb
Beryllium	9-1	1.03	0.99	0.86	0.96	9.10	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	31.38	34.22	34.84	33.48	5.51	ppb
Boron	11-1	32.76	33.84	34.51	33.70	2.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.47	0.60	0.46	31.43	ppb
Cadmium	106-1	1.11	3.08	5.12	3.10	64.70	ppb
Cadmium	108-1	1.04	1.60	1.31	1.32	21.38	ppb
Calcium	43-1	130753.89	129386.40	133675.80	131272.03	1.67	ppb
Calcium	44-1	125804.65	127634.60	129261.64	127566.96	1.36	ppb
Chromium	52-2	34.19	32.89	33.91	33.66	2.03	ppb
Cobalt	59-2	10.70	10.51	10.70	10.64	1.01	ppb
Copper	63-2	14.48	14.23	14.37	14.36	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	25351.30	25350.57	24952.60	25218.16	0.91	ppb
Iron	56-2	26309.65	25909.29	24977.63	25732.19	2.66	ppb
Iron	57-2	25408.53	24829.67	24857.02	25031.74	1.30	ppb
Krypton	83-1						cps
Lead	206-1	23.41	23.81	23.37	23.53	1.02	ppb
Lead	207-1	21.94	22.18	22.12	22.08	0.58	ppb
Lead	208-1	22.70	22.54	22.81	22.68	0.59	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-05DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-FL-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:10:16 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				118		%
Magnesium	24-2	4665.88	4774.90	4549.18	4663.32	2.42	ppb
Manganese	55-2	454.21	448.46	442.04	448.24	1.36	ppb
Molybdenum	94-1	23.97	23.57	24.40	23.98	1.74	ppb
Molybdenum	95-1	0.22	0.20	0.29	0.24	19.93	ppb
Molybdenum	96-1	3.08	3.21	3.05	3.12	2.74	ppb
Molybdenum	97-1	0.17	0.27	0.18	0.21	26.88	ppb
Molybdenum	98-1	0.22	0.22	0.24	0.23	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.96	27.89	28.46	28.43	1.89	ppb
Phosphorus	31-2	2206.63	2223.29	2223.21	2217.71	0.43	ppb
Potassium	39-2	4331.87	4177.94	4248.75	4252.85	1.81	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	1.29	2.98	3.67	2.65	46.36	ppb
Selenium	77-2	28.56	17.30	33.06	26.30	30.87	ppb
Selenium	78-2	4.23	3.72	3.50	3.82	9.81	ppb
Silicon	28-1	21.83	48.96	41.24	37.34	37.44	ppb
Silver	109-1	0.14	0.10	0.15	0.13	18.41	ppb
Silver	107-1	0.15	0.13	0.16	0.15	10.38	ppb
Sodium	23-2	318.71	326.37	309.89	318.32	2.59	ppb
Strontium	86-1	457.80	463.55	457.45	459.60	0.75	ppb
Strontium	88-1	464.36	464.94	471.10	466.80	0.80	ppb
Sulfur	34-1	-2347.99	-2386.23	-1583.99	-2106.07		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.26	0.25	0.32	0.28	13.37	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.94	ppb
Tin	118-1	0.17	0.20	0.15	0.17	15.68	ppb
Titanium	47-1	3.31	3.21	2.99	3.17	5.15	ppb
Uranium	238-1	1.58	1.66	1.57	1.60	3.01	ppb
Vanadium	51-2	45.84	45.63	44.67	45.38	1.38	ppb
Yttrium	89-1				116		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:10:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	113.59	108.87	109.05	110.50	2.42	ppb
Zirconium	90-1	15.97	15.80	15.82	15.86	0.60	ppb
Zirconium	91-1	15.82	16.20	16.00	16.01	1.19	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48950.56	49076.82	49056.36	49027.91	0.14	ppb
Antimony	121-1	484.59	492.68	479.45	485.58	1.37	ppb
Arsenic	75-2	479.94	475.91	472.39	476.08	0.79	ppb
Barium	135-1	2452.38	2485.43	2439.83	2459.21	0.96	ppb
Barium	137-1	2410.46	2442.69	2414.22	2422.46	0.73	ppb
Beryllium	9-1	506.56	501.10	510.19	505.95	0.90	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	462.55	515.50	551.93	509.99	8.81	ppb
Boron	11-1	457.26	507.48	552.48	505.74	9.42	ppb
Bromine	81-1						cps
Cadmium	111-1	468.74	476.86	467.73	471.11	1.06	ppb
Cadmium	106-1	475.79	475.51	468.44	473.25	0.88	ppb
Cadmium	108-1	467.31	481.17	461.49	469.99	2.15	ppb
Calcium	43-1	250120.71	255402.49	257033.97	254185.73	1.42	ppb
Calcium	44-1	247091.83	247940.70	249914.42	248315.65	0.58	ppb
Chromium	52-2	488.87	496.45	483.39	489.57	1.34	ppb
Cobalt	59-2	479.83	483.18	472.00	478.34	1.20	ppb
Copper	63-2	967.99	972.03	943.60	961.21	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	54-2	124914.12	127339.82	122186.87	124813.61	2.07	ppb
Iron	56-2	125721.81	127289.00	123711.45	125574.08	1.43	ppb
Iron	57-2	126351.52	128262.70	125516.50	126710.24	1.11	ppb
Krypton	83-1						cps
Lead	206-1	464.79	486.69	480.10	477.19	2.35	ppb
Lead	207-1	469.38	487.10	476.60	477.69	1.86	ppb
Lead	208-1	479.81	489.03	486.00	484.95	0.97	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	246052.35	254097.20	248584.34	249577.96	1.65	ppb
Manganese	55-2	962.36	975.01	955.31	964.23	1.03	ppb
Molybdenum	94-1	2393.63	2436.66	2458.59	2429.63	1.36	ppb
Molybdenum	95-1	2365.59	2483.73	2461.45	2436.92	2.58	ppb
Molybdenum	96-1	2373.64	2422.12	2451.86	2415.87	1.63	ppb
Molybdenum	97-1	2380.29	2467.85	2433.23	2427.12	1.82	ppb
Molybdenum	98-1	2375.79	2460.64	2412.92	2416.45	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.11	486.81	473.90	478.61	1.49	ppb
Phosphorus	31-2	9548.74	9362.43	9781.25	9564.14	2.19	ppb
Potassium	39-2	122647.94	126038.91	122966.27	123884.38	1.51	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				113		%
Selenium	82-1	467.93	484.13	476.74	476.27	1.70	ppb
Selenium	77-2	459.25	501.21	414.51	458.33	9.46	ppb
Selenium	78-2	478.56	469.50	485.76	477.94	1.70	ppb
Silicon	28-1	487.47	528.32	526.75	514.18	4.50	ppb
Silver	109-1	477.88	476.47	475.38	476.58	0.26	ppb
Silver	107-1	485.27	483.04	482.64	483.65	0.29	ppb
Sodium	23-2	247058.22	259123.54	255890.97	254024.24	2.46	ppb
Strontium	86-1	466.02	477.75	480.87	474.88	1.65	ppb
Strontium	88-1	487.72	486.75	487.72	487.40	0.12	ppb
Sulfur	34-1	7836.81	7808.67	7062.71	7569.40	5.80	ppb
Terbium	159-1				118		%
Terbium	159-2				115		%
Thallium	203-1	473.74	481.94	476.46	477.38	0.88	ppb
Thallium	205-1	487.27	504.26	483.10	491.54	2.28	ppb
Tin	118-1	478.73	489.35	473.82	480.63	1.65	ppb
Titanium	47-1	2470.65	2439.96	2449.99	2453.53	0.64	ppb
Uranium	238-1	486.38	505.05	500.32	497.25	1.95	ppb
Vanadium	51-2	483.31	487.08	482.19	484.19	0.53	ppb
Yttrium	89-1				117		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	948.31	963.25	946.61	952.72	0.96	ppb
Zirconium	90-1	472.71	482.51	481.97	479.06	1.15	ppb
Zirconium	91-1	467.88	481.77	477.84	475.83	1.50	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.36	6.00	3.00	4.45	33.73	ppb
Antimony	121-1	0.12	0.15	0.16	0.15	12.65	ppb
Arsenic	75-2	0.10	0.06	0.04	0.07	50.83	ppb
Barium	135-1	0.13	0.28	0.27	0.23	36.48	ppb
Barium	137-1	0.16	0.27	0.43	0.29	46.91	ppb
Beryllium	9-1	0.15	0.13	0.14	0.14	9.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	76.18	67.64	63.98	69.27	9.04	ppb
Boron	11-1	74.60	70.18	65.07	69.95	6.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.17	0.24	0.14	81.26	ppb
Cadmium	106-1	-0.59	1.27	1.57	0.75	155.58	ppb
Cadmium	108-1	0.01	-0.06	0.07	0.01	871.65	ppb
Calcium	43-1	-6.64	4.52	45.91	14.60	189.67	ppb
Calcium	44-1	-28.70	3.15	13.39	-4.05		ppb
Chromium	52-2	0.03	-0.03	-0.02	0.00		ppb
Cobalt	59-2	0.06	0.04	0.02	0.04	49.53	ppb
Copper	63-2	0.18	0.19	0.16	0.18	7.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	24.70	22.31	18.55	21.85	14.19	ppb
Iron	56-2	24.53	17.92	15.31	19.25	24.67	ppb
Iron	57-2	30.12	16.86	16.38	21.12	36.93	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.16	0.10	0.12	33.62	ppb
Lead	207-1	0.10	0.10	0.12	0.11	6.91	ppb
Lead	208-1	0.09	0.12	0.12	0.11	16.68	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	36.56	27.97	29.03	31.18	15.01	ppb
Manganese	55-2	0.14	0.12	0.10	0.12	15.61	ppb
Molybdenum	94-1	0.25	0.33	0.42	0.34	25.35	ppb
Molybdenum	95-1	0.29	0.38	0.43	0.37	19.86	ppb
Molybdenum	96-1	0.23	0.31	0.39	0.31	25.76	ppb
Molybdenum	97-1	0.28	0.35	0.39	0.34	16.64	ppb
Molybdenum	98-1	0.26	0.34	0.42	0.34	23.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.06	0.05	40.13	ppb
Phosphorus	31-2	4.35	-26.70	6.23	-5.37		ppb
Potassium	39-2	12.29	1.33	6.93	6.85	80.02	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	1.13	-1.49	0.87	0.17	843.14	ppb
Selenium	77-2	3.93	0.99	-0.52	1.47	154.21	ppb
Selenium	78-2	-0.62	0.19	1.49	0.35	300.38	ppb
Silicon	28-1	-14.77	-14.82	-14.21	-14.60		ppb
Silver	109-1	0.09	0.10	0.11	0.10	9.58	ppb
Silver	107-1	0.08	0.09	0.13	0.10	25.13	ppb
Sodium	23-2	27.07	13.30	7.65	16.01	62.39	ppb
Strontium	86-1	-0.10	0.00	0.07	-0.01		ppb
Strontium	88-1	0.03	0.07	0.07	0.06	35.34	ppb
Sulfur	34-1	-2493.64	-2128.40	-1675.82	-2099.29		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.24	0.29	0.24	0.26	10.88	ppb
Thallium	205-1	0.26	0.31	0.23	0.27	14.24	ppb
Tin	118-1	0.06	0.08	0.08	0.08	17.36	ppb
Titanium	47-1	0.12	0.26	0.44	0.27	58.07	ppb
Uranium	238-1	0.02	0.07	0.07	0.05	57.99	ppb
Vanadium	51-2	0.09	0.05	0.04	0.06	47.61	ppb
Yttrium	89-1				108		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.30	0.38	0.22	0.30	25.69	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	22.13	ppb
Zirconium	91-1	0.04	0.14	0.08	0.09	58.18	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12140.89	12255.11	12216.18	12204.06	0.48	ppb
Antimony	121-1	0.03	0.04	0.07	0.05	35.19	ppb
Arsenic	75-2	12.40	12.60	12.48	12.50	0.81	ppb
Barium	135-1	74.37	76.04	75.43	75.28	1.12	ppb
Barium	137-1	75.10	78.13	76.98	76.74	1.99	ppb
Beryllium	9-1	0.82	0.88	0.93	0.88	6.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	44.35	47.49	47.43	46.42	3.87	ppb
Boron	11-1	46.23	48.93	47.54	47.57	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.49	0.52	0.48	7.45	ppb
Cadmium	106-1	2.86	2.96	2.95	2.92	1.90	ppb
Cadmium	108-1	0.82	1.43	0.82	1.02	34.73	ppb
Calcium	43-1	107825.14	115967.18	114811.61	112867.98	3.90	ppb
Calcium	44-1	108577.24	113921.72	113769.27	112089.41	2.71	ppb
Chromium	52-2	26.53	26.31	26.74	26.53	0.81	ppb
Cobalt	59-2	8.68	8.46	8.52	8.55	1.32	ppb
Copper	63-2	12.31	12.42	12.47	12.40	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	24014.20	24114.71	24462.97	24197.29	0.97	ppb
Iron	56-2	24505.94	24359.31	24724.05	24529.77	0.75	ppb
Iron	57-2	24173.87	24154.87	23808.40	24045.71	0.86	ppb
Krypton	83-1						cps
Lead	206-1	20.50	21.25	21.20	20.98	1.99	ppb
Lead	207-1	18.36	20.12	19.70	19.39	4.76	ppb
Lead	208-1	19.52	20.48	20.08	20.03	2.41	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:18:42 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	5361.56	5459.04	5470.80	5430.47	1.10	ppb
Manganese	55-2	347.60	346.47	350.86	348.31	0.65	ppb
Molybdenum	94-1	21.27	22.00	22.28	21.85	2.37	ppb
Molybdenum	95-1	0.16	0.19	0.22	0.19	17.17	ppb
Molybdenum	96-1	2.80	2.89	2.87	2.85	1.63	ppb
Molybdenum	97-1	0.22	0.19	0.18	0.20	9.32	ppb
Molybdenum	98-1	0.22	0.18	0.23	0.21	10.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.78	25.60	25.51	25.30	1.78	ppb
Phosphorus	31-2	1228.15	1127.84	1116.81	1157.60	5.30	ppb
Potassium	39-2	3858.12	3879.74	3892.75	3876.87	0.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	1.42	2.77	1.48	1.89	40.27	ppb
Selenium	77-2	20.39	24.69	24.43	23.17	10.41	ppb
Selenium	78-2	1.58	4.52	1.39	2.49	70.28	ppb
Silicon	28-1	51.24	72.51	52.98	58.91	20.05	ppb
Silver	109-1	0.13	0.12	0.15	0.13	10.62	ppb
Silver	107-1	0.12	0.10	0.12	0.11	11.76	ppb
Sodium	23-2	323.94	308.45	319.74	317.38	2.52	ppb
Strontium	86-1	363.76	365.03	370.94	366.58	1.05	ppb
Strontium	88-1	372.82	375.05	375.90	374.59	0.42	ppb
Sulfur	34-1	5737.96	7789.66	6137.48	6555.04	16.59	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.38	0.35	0.38	0.37	4.99	ppb
Thallium	205-1	0.34	0.37	0.35	0.36	4.56	ppb
Tin	118-1	0.12	0.11	0.10	0.11	10.06	ppb
Titanium	47-1	3.28	1.80	5.28	3.45	50.48	ppb
Uranium	238-1	0.99	1.11	1.14	1.08	7.50	ppb
Vanadium	51-2	36.40	35.98	35.97	36.12	0.68	ppb
Yttrium	89-1				115		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	84.81	89.29	86.32	86.81	2.62	ppb
Zirconium	90-1	14.79	14.86	15.12	14.92	1.16	ppb
Zirconium	91-1	14.43	14.66	15.37	14.82	3.32	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:21:32 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12756.79	12404.88	12305.02	12488.90	1.90	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	9.06	ppb
Arsenic	75-2	13.25	12.98	13.03	13.09	1.12	ppb
Barium	135-1	77.79	78.84	79.78	78.80	1.26	ppb
Barium	137-1	79.46	80.07	79.98	79.84	0.41	ppb
Beryllium	9-1	0.94	0.99	0.91	0.95	4.07	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	34.08	36.60	38.62	36.43	6.25	ppb
Boron	11-1	36.82	36.27	37.70	36.93	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.43	0.41	0.46	15.42	ppb
Cadmium	106-1	3.51	2.13	2.51	2.71	26.28	ppb
Cadmium	108-1	1.07	1.19	1.07	1.11	6.14	ppb
Calcium	43-1	113601.05	118516.94	120744.50	117620.83	3.11	ppb
Calcium	44-1	112342.65	115920.67	115485.13	114582.81	1.70	ppb
Chromium	52-2	27.59	27.28	26.92	27.26	1.23	ppb
Cobalt	59-2	8.78	8.68	8.61	8.69	1.01	ppb
Copper	63-2	12.92	12.88	12.46	12.76	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	25185.13	24376.73	24124.40	24562.09	2.26	ppb
Iron	56-2	25437.35	24611.75	24855.78	24968.29	1.70	ppb
Iron	57-2	24930.05	24296.57	24412.58	24546.40	1.37	ppb
Krypton	83-1						cps
Lead	206-1	21.82	21.95	22.22	21.99	0.94	ppb
Lead	207-1	20.20	21.20	21.09	20.83	2.63	ppb
Lead	208-1	20.86	21.47	21.30	21.21	1.50	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:21:32 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	5691.56	5449.22	5438.66	5526.48	2.59	ppb
Manganese	55-2	360.87	355.52	349.68	355.35	1.58	ppb
Molybdenum	94-1	22.32	23.00	22.72	22.68	1.51	ppb
Molybdenum	95-1	0.14	0.17	0.20	0.17	17.15	ppb
Molybdenum	96-1	2.69	3.06	3.03	2.93	7.01	ppb
Molybdenum	97-1	0.15	0.15	0.23	0.18	26.00	ppb
Molybdenum	98-1	0.16	0.20	0.18	0.18	9.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.69	25.66	24.66	25.67	3.95	ppb
Phosphorus	31-2	1308.63	1094.92	1078.84	1160.80	11.05	ppb
Potassium	39-2	3981.22	3973.37	3993.38	3982.66	0.25	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	82-1	2.45	1.80	0.11	1.45	83.06	ppb
Selenium	77-2	23.06	20.05	22.89	22.00	7.69	ppb
Selenium	78-2	1.15	1.39	2.55	1.70	44.11	ppb
Silicon	28-1	36.62	50.07	32.30	39.66	23.36	ppb
Silver	109-1	0.08	0.10	0.13	0.10	24.63	ppb
Silver	107-1	0.12	0.11	0.12	0.12	7.00	ppb
Sodium	23-2	329.29	331.39	327.43	329.37	0.60	ppb
Strontium	86-1	375.44	366.75	379.95	374.05	1.79	ppb
Strontium	88-1	380.67	383.06	390.82	384.85	1.38	ppb
Sulfur	34-1	5035.90	6627.30	6070.53	5911.24	13.66	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.31	0.29	0.29	0.30	3.24	ppb
Thallium	205-1	0.32	0.34	0.32	0.33	4.02	ppb
Tin	118-1	0.11	0.09	0.02	0.07	58.38	ppb
Titanium	47-1	2.02	2.70	2.06	2.26	16.92	ppb
Uranium	238-1	1.13	1.20	1.13	1.15	3.67	ppb
Vanadium	51-2	37.33	36.35	36.70	36.80	1.35	ppb
Yttrium	89-1				117		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:21:32	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	87.71	86.99	87.34	87.35	0.41	ppb
Zirconium	90-1	15.25	15.09	15.36	15.23	0.87	ppb
Zirconium	91-1	15.12	14.45	15.76	15.11	4.32	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06LDLX25 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207LDI Dilution Factor : 25
 Date & Time Acquired :: 2020-02-12 14:24:21 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2496.27	2376.58	2342.52	2405.12	3.36	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	37.48	ppb
Arsenic	75-2	2.35	2.35	2.55	2.42	4.83	ppb
Barium	135-1	14.94	15.00	14.36	14.77	2.40	ppb
Barium	137-1	14.76	14.85	14.61	14.74	0.82	ppb
Beryllium	9-1	0.25	0.30	0.22	0.26	15.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	24.94	24.60	25.57	25.04	1.96	ppb
Boron	11-1	25.02	24.77	24.37	24.72	1.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	0.17	0.02	0.01	1065.27	ppb
Cadmium	106-1	-2.85	1.33	-0.43	-0.65		ppb
Cadmium	108-1	0.00	0.07	0.00	0.03	146.67	ppb
Calcium	43-1	21328.07	22363.85	22426.24	22039.39	2.80	ppb
Calcium	44-1	21408.07	21991.66	22080.35	21826.69	1.67	ppb
Chromium	52-2	5.10	5.22	5.30	5.21	2.01	ppb
Cobalt	59-2	1.69	1.66	1.60	1.65	2.79	ppb
Copper	63-2	2.54	2.41	2.45	2.47	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	4788.37	4779.85	4733.64	4767.29	0.62	ppb
Iron	56-2	4838.34	4842.61	4911.08	4864.01	0.84	ppb
Iron	57-2	4717.01	4713.22	4721.49	4717.24	0.09	ppb
Krypton	83-1						cps
Lead	206-1	4.12	3.95	4.17	4.08	2.78	ppb
Lead	207-1	3.73	3.94	3.80	3.82	2.72	ppb
Lead	208-1	3.91	3.89	3.93	3.91	0.55	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207LDI	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:24:21	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	1059.41	1061.17	1079.53	1066.70	1.04	ppb
Manganese	55-2	67.52	69.15	68.19	68.29	1.20	ppb
Molybdenum	94-1	4.33	4.30	4.65	4.43	4.37	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	46.99	ppb
Molybdenum	96-1	0.58	0.55	0.57	0.57	2.95	ppb
Molybdenum	97-1	-0.01	0.04	0.07	0.03	138.33	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	15.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.16	4.94	5.29	5.13	3.44	ppb
Phosphorus	31-2	145.76	219.46	153.99	173.07	23.34	ppb
Potassium	39-2	730.97	724.26	744.63	733.29	1.42	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	1.50	0.05	0.51	0.69	107.63	ppb
Selenium	77-2	6.79	2.48	6.90	5.39	46.74	ppb
Selenium	78-2	0.30	0.29	-0.74	-0.05		ppb
Silicon	28-1	-17.73	-11.43	-7.40	-12.18		ppb
Silver	109-1	0.04	0.02	0.05	0.04	41.31	ppb
Silver	107-1	0.05	0.04	0.04	0.04	20.39	ppb
Sodium	23-2	39.13	39.15	47.60	41.96	11.64	ppb
Strontium	86-1	71.97	73.25	74.08	73.10	1.45	ppb
Strontium	88-1	74.56	75.54	76.42	75.51	1.23	ppb
Sulfur	34-1	-939.49	230.24	247.36	-153.96		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.07	0.09	0.08	14.01	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	7.87	ppb
Tin	118-1	0.01	0.01	0.03	0.02	65.66	ppb
Titanium	47-1	0.23	0.51	0.97	0.57	65.44	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	2.98	ppb
Vanadium	51-2	6.86	7.11	7.05	7.01	1.88	ppb
Yttrium	89-1				109		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207LDI	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:24:21	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	16.35	16.87	16.37	16.53	1.78	ppb
Zirconium	90-1	2.97	2.85	2.99	2.94	2.65	ppb
Zirconium	91-1	2.79	3.20	2.80	2.93	7.97	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MSDLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:27:11 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17810.57	17399.71	17830.89	17680.39	1.38	ppb
Antimony	121-1	96.40	96.52	107.67	100.20	6.46	ppb
Arsenic	75-2	111.74	113.17	112.16	112.35	0.65	ppb
Barium	135-1	537.83	534.53	585.43	552.60	5.15	ppb
Barium	137-1	536.27	532.46	591.38	553.37	5.96	ppb
Beryllium	9-1	100.86	104.50	115.20	106.85	6.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	89.57	105.38	128.79	107.92	18.28	ppb
Boron	11-1	90.04	107.04	125.06	107.38	16.31	ppb
Bromine	81-1						cps
Cadmium	111-1	97.29	97.63	108.37	101.10	6.24	ppb
Cadmium	106-1	96.08	100.52	112.49	103.03	8.24	ppb
Cadmium	108-1	103.10	99.10	110.48	104.23	5.54	ppb
Calcium	43-1	145421.10	142455.26	156414.66	148097.01	4.97	ppb
Calcium	44-1	140498.88	140079.66	155443.25	145340.60	6.02	ppb
Chromium	52-2	129.16	127.15	129.44	128.58	0.97	ppb
Cobalt	59-2	108.57	107.42	108.66	108.22	0.64	ppb
Copper	63-2	186.23	186.51	189.40	187.38	0.94	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				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	31982.75	30988.02	31530.40	31500.39	1.58	ppb
Iron	56-2	30797.05	30582.65	31313.51	30897.74	1.22	ppb
Iron	57-2	30317.35	29798.99	30554.65	30223.67	1.28	ppb
Krypton	83-1						cps
Lead	206-1	122.74	127.22	140.20	130.05	6.97	ppb
Lead	207-1	123.63	127.52	142.31	131.15	7.51	ppb
Lead	208-1	122.25	124.85	139.57	128.89	7.25	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:27:11	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	15443.86	15344.85	15682.00	15490.24	1.12	ppb
Manganese	55-2	598.07	597.30	603.49	599.62	0.56	ppb
Molybdenum	94-1	451.01	454.85	519.10	474.99	8.05	ppb
Molybdenum	95-1	411.36	417.49	463.15	430.67	6.57	ppb
Molybdenum	96-1	413.60	416.58	462.76	430.98	6.40	ppb
Molybdenum	97-1	411.39	412.28	467.54	430.40	7.47	ppb
Molybdenum	98-1	412.62	415.03	465.24	430.96	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.87	122.38	127.72	125.32	2.17	ppb
Phosphorus	31-2	1258.10	1219.01	1343.07	1273.40	4.98	ppb
Potassium	39-2	9453.36	9456.84	9598.26	9502.82	0.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	93.65	98.30	106.49	99.48	6.53	ppb
Selenium	77-2	129.06	103.14	132.41	121.54	13.18	ppb
Selenium	78-2	100.21	99.71	98.24	99.39	1.03	ppb
Silicon	28-1	299.97	202.18	302.39	268.18	21.32	ppb
Silver	109-1	82.92	81.98	90.74	85.21	5.65	ppb
Silver	107-1	84.79	83.59	91.50	86.63	4.92	ppb
Sodium	23-2	9897.94	9802.34	9975.63	9891.97	0.88	ppb
Strontium	86-1	451.56	464.12	507.42	474.37	6.18	ppb
Strontium	88-1	461.13	467.61	527.60	485.45	7.55	ppb
Sulfur	34-1	6097.37	5103.12	8740.30	6646.93	28.28	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	94.77	93.61	106.98	98.45	7.53	ppb
Thallium	205-1	96.52	96.19	109.81	100.84	7.71	ppb
Tin	118-1	88.14	88.31	99.64	92.03	7.16	ppb
Titanium	47-1	427.43	429.54	468.72	441.90	5.26	ppb
Uranium	238-1	93.39	97.55	107.95	99.63	7.53	ppb
Vanadium	51-2	139.91	138.97	142.51	140.46	1.30	ppb
Yttrium	89-1				109		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:27:11	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	301.69	295.12	304.72	300.51	1.63	ppb
Zirconium	90-1	108.26	109.68	121.99	113.31	6.66	ppb
Zirconium	91-1	106.81	108.04	123.88	112.91	8.43	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MSDDLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:29:59 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15678.90	15589.05	15566.64	15611.53	0.38	ppb
Antimony	121-1	99.67	100.68	98.77	99.71	0.96	ppb
Arsenic	75-2	116.01	114.91	115.96	115.63	0.54	ppb
Barium	135-1	533.35	541.08	531.94	535.45	0.92	ppb
Barium	137-1	533.41	546.08	537.63	539.04	1.20	ppb
Beryllium	9-1	105.95	104.77	105.57	105.43	0.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	101.80	116.64	124.05	114.17	9.92	ppb
Boron	11-1	102.84	116.09	123.75	114.23	9.26	ppb
Bromine	81-1						cps
Cadmium	111-1	101.73	103.47	100.06	101.75	1.68	ppb
Cadmium	106-1	103.93	112.80	103.78	106.83	4.83	ppb
Cadmium	108-1	101.86	100.94	98.81	100.54	1.55	ppb
Calcium	43-1	135446.28	138499.44	138064.28	137336.67	1.20	ppb
Calcium	44-1	134488.16	134065.02	136335.39	134962.86	0.89	ppb
Chromium	52-2	128.56	128.01	126.67	127.75	0.76	ppb
Cobalt	59-2	108.86	108.81	108.59	108.75	0.13	ppb
Copper	63-2	188.88	188.46	189.56	188.97	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	31413.35	31495.96	30929.81	31279.71	0.98	ppb
Iron	56-2	31149.99	30390.64	30414.86	30651.83	1.41	ppb
Iron	57-2	30192.53	29997.90	29439.30	29876.58	1.31	ppb
Krypton	83-1						cps
Lead	206-1	125.29	126.32	124.26	125.29	0.82	ppb
Lead	207-1	125.49	127.62	124.27	125.79	1.35	ppb
Lead	208-1	124.01	126.49	124.63	125.04	1.03	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:29:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	14908.31	14963.84	14753.12	14875.09	0.73	ppb
Manganese	55-2	565.24	564.37	567.60	565.74	0.30	ppb
Molybdenum	94-1	455.99	471.32	471.28	466.19	1.90	ppb
Molybdenum	95-1	422.98	423.72	434.41	427.04	1.50	ppb
Molybdenum	96-1	422.59	425.43	428.71	425.58	0.72	ppb
Molybdenum	97-1	417.23	426.49	422.55	422.09	1.10	ppb
Molybdenum	98-1	417.15	422.27	434.65	424.69	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.14	125.03	128.93	126.70	1.59	ppb
Phosphorus	31-2	1300.39	1383.12	1108.11	1263.87	11.16	ppb
Potassium	39-2	9074.17	9173.75	8896.97	9048.30	1.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	92.55	94.84	100.32	95.90	4.16	ppb
Selenium	77-2	120.69	126.80	139.25	128.92	7.34	ppb
Selenium	78-2	100.44	98.61	92.71	97.25	4.15	ppb
Silicon	28-1	211.32	243.07	184.30	212.90	13.82	ppb
Silver	109-1	88.53	89.67	87.81	88.67	1.06	ppb
Silver	107-1	89.30	90.72	87.33	89.12	1.91	ppb
Sodium	23-2	9422.48	9361.27	9219.29	9334.35	1.12	ppb
Strontium	86-1	474.85	476.86	486.09	479.27	1.25	ppb
Strontium	88-1	481.50	488.61	490.82	486.98	1.00	ppb
Sulfur	34-1	6889.32	6031.81	5963.69	6294.94	8.20	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	100.10	99.76	98.66	99.51	0.76	ppb
Thallium	205-1	99.54	101.09	98.93	99.85	1.12	ppb
Tin	118-1	91.22	91.71	89.52	90.82	1.26	ppb
Titanium	47-1	435.64	432.64	429.94	432.74	0.66	ppb
Uranium	238-1	100.26	99.03	99.10	99.46	0.69	ppb
Vanadium	51-2	138.37	136.77	138.44	137.86	0.69	ppb
Yttrium	89-1				114		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:29:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	286.25	286.24	285.24	285.91	0.20	ppb
Zirconium	90-1	109.11	111.10	111.32	110.51	1.10	ppb
Zirconium	91-1	106.17	107.41	111.89	108.49	2.77	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06ADLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207ADL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:32:50 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13147.94	13257.11	13130.81	13178.62	0.52	ppb
Antimony	121-1	105.57	98.66	99.45	101.23	3.74	ppb
Arsenic	75-2	112.13	113.63	109.96	111.91	1.65	ppb
Barium	135-1	551.36	505.10	517.24	524.57	4.57	ppb
Barium	137-1	553.09	516.36	521.88	530.44	3.73	ppb
Beryllium	9-1	113.86	105.72	107.26	108.95	3.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	115.90	123.74	126.89	122.18	4.64	ppb
Boron	11-1	115.01	120.07	128.78	121.29	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	107.03	101.66	101.53	103.41	3.03	ppb
Cadmium	106-1	111.71	99.41	103.86	104.99	5.93	ppb
Cadmium	108-1	109.27	98.54	100.18	102.66	5.63	ppb
Calcium	43-1	125596.51	118136.02	115100.24	119610.92	4.52	ppb
Calcium	44-1	124714.42	117135.00	116048.66	119299.36	3.96	ppb
Chromium	52-2	123.50	124.29	122.93	123.57	0.56	ppb
Cobalt	59-2	108.80	107.81	105.96	107.52	1.34	ppb
Copper	63-2	187.48	187.59	185.33	186.80	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	28857.58	29217.54	27506.02	28527.05	3.16	ppb
Iron	56-2	27985.32	27884.61	28128.09	27999.34	0.44	ppb
Iron	57-2	27522.77	27666.10	27106.02	27431.63	1.06	ppb
Krypton	83-1						cps
Lead	206-1	128.90	120.52	120.98	123.47	3.82	ppb
Lead	207-1	130.68	121.91	121.17	124.59	4.25	ppb
Lead	208-1	129.01	119.75	119.16	122.64	4.51	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06ADLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207ADL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:32:50 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	14196.32	14288.72	14161.43	14215.49	0.46	ppb
Manganese	55-2	511.07	510.93	500.73	507.58	1.17	ppb
Molybdenum	94-1	512.01	458.22	464.38	478.20	6.16	ppb
Molybdenum	95-1	469.15	419.96	422.66	437.26	6.32	ppb
Molybdenum	96-1	465.72	419.47	427.23	437.47	5.66	ppb
Molybdenum	97-1	468.71	420.89	422.30	437.30	6.22	ppb
Molybdenum	98-1	472.22	418.37	424.62	438.40	6.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.90	125.12	124.34	123.79	1.36	ppb
Phosphorus	31-2	1159.20	1031.66	1000.35	1063.74	7.91	ppb
Potassium	39-2	8315.45	8440.98	8385.15	8380.52	0.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	109.09	96.92	99.32	101.78	6.33	ppb
Selenium	77-2	133.95	111.29	90.41	111.88	19.46	ppb
Selenium	78-2	95.74	96.61	96.58	96.31	0.51	ppb
Silicon	28-1	168.24	135.30	147.81	150.45	11.05	ppb
Silver	109-1	92.47	86.54	87.21	88.74	3.66	ppb
Silver	107-1	93.08	88.78	89.56	90.47	2.53	ppb
Sodium	23-2	9485.10	9353.87	9312.80	9383.92	0.96	ppb
Strontium	86-1	484.27	429.61	435.64	449.84	6.66	ppb
Strontium	88-1	497.37	444.56	449.56	463.83	6.29	ppb
Sulfur	34-1	8490.93	6401.73	5656.52	6849.73	21.45	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	107.06	98.66	98.13	101.28	4.95	ppb
Thallium	205-1	106.10	99.31	99.70	101.70	3.75	ppb
Tin	118-1	95.22	90.73	91.27	92.41	2.65	ppb
Titanium	47-1	457.19	447.91	427.96	444.35	3.36	ppb
Uranium	238-1	106.50	97.16	98.55	100.73	5.00	ppb
Vanadium	51-2	131.33	131.81	129.49	130.88	0.93	ppb
Yttrium	89-1				113		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207AD	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:32:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	254.70	257.02	254.74	255.49	0.52	ppb
Zirconium	90-1	117.44	108.00	107.39	110.94	5.08	ppb
Zirconium	91-1	117.14	106.74	107.04	110.31	5.37	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:35:38	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20650.08	20517.00	20497.88	20554.98	0.40	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	12.16	ppb
Arsenic	75-2	9.77	9.27	9.31	9.45	2.96	ppb
Barium	135-1	115.14	117.23	112.91	115.09	1.88	ppb
Barium	137-1	111.99	116.30	115.24	114.51	1.96	ppb
Beryllium	9-1	1.38	1.36	1.41	1.38	1.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	45.18	48.96	49.41	47.85	4.85	ppb
Boron	11-1	48.02	49.96	48.38	48.79	2.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.85	0.88	0.59	0.77	20.24	ppb
Cadmium	106-1	3.73	4.39	2.57	3.56	25.90	ppb
Cadmium	108-1	1.49	1.96	1.53	1.66	15.77	ppb
Calcium	43-1	175738.52	179897.36	178161.93	177932.60	1.17	ppb
Calcium	44-1	173357.29	175157.03	174947.27	174487.19	0.56	ppb
Chromium	52-2	29.23	28.77	29.10	29.03	0.81	ppb
Cobalt	59-2	9.00	8.95	9.04	9.00	0.49	ppb
Copper	63-2	15.58	15.64	15.69	15.63	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	24438.84	24329.37	24323.62	24363.94	0.27	ppb
Iron	56-2	25183.56	25108.01	24577.19	24956.25	1.32	ppb
Iron	57-2	24557.57	24334.85	24196.77	24363.06	0.75	ppb
Krypton	83-1						cps
Lead	206-1	24.04	24.82	24.71	24.52	1.73	ppb
Lead	207-1	22.28	22.59	23.09	22.65	1.81	ppb
Lead	208-1	23.07	23.34	23.48	23.29	0.90	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-01-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:35:38 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	5993.66	6104.06	5963.87	6020.53	1.23	ppb
Manganese	55-2	733.49	734.97	735.15	734.54	0.12	ppb
Molybdenum	94-1	25.02	25.17	25.20	25.13	0.38	ppb
Molybdenum	95-1	0.52	0.58	0.51	0.54	7.61	ppb
Molybdenum	96-1	3.55	3.40	3.49	3.48	2.06	ppb
Molybdenum	97-1	0.64	0.47	0.40	0.51	23.94	ppb
Molybdenum	98-1	0.50	0.53	0.51	0.52	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.41	22.13	21.92	22.15	1.11	ppb
Phosphorus	31-2	1365.24	1330.68	1402.64	1366.19	2.63	ppb
Potassium	39-2	5639.04	5684.54	5642.64	5655.41	0.45	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	82-1	3.00	-0.81	2.87	1.69	128.52	ppb
Selenium	77-2	17.45	24.48	29.14	23.69	24.85	ppb
Selenium	78-2	0.00	2.60	4.17	2.26	93.47	ppb
Silicon	28-1	395.30	1181.23	3110.84	1562.46	89.43	ppb
Silver	109-1	0.12	0.16	0.16	0.15	16.12	ppb
Silver	107-1	0.17	0.17	0.16	0.17	4.10	ppb
Sodium	23-2	715.45	735.05	729.17	726.56	1.38	ppb
Strontium	86-1	230.80	235.61	235.77	234.06	1.21	ppb
Strontium	88-1	236.64	244.82	244.22	241.89	1.88	ppb
Sulfur	34-1	-1710.44	-1912.41	-2096.38	-1906.41		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.60	0.52	0.56	0.56	7.54	ppb
Thallium	205-1	0.50	0.55	0.54	0.53	4.40	ppb
Tin	118-1	0.56	0.49	0.55	0.54	7.14	ppb
Titanium	47-1	20.18	24.83	20.19	21.74	12.34	ppb
Uranium	238-1	1.21	1.19	1.14	1.18	2.93	ppb
Vanadium	51-2	41.56	41.80	42.07	41.81	0.62	ppb
Yttrium	89-1				114		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:35:38	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	106.08	104.01	104.08	104.72	1.12	ppb
Zirconium	90-1	18.32	16.67	16.85	17.28	5.22	ppb
Zirconium	91-1	16.55	16.43	18.09	17.02	5.42	ppb

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-01DL2X25 Instrumnet Name : P8
 Client Sample ID : LF012-TL-NW-200207DL Dilution Factor : 25
 Date & Time Acquired :: 2020-02-12 14:38:29 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5249.23	5266.32	5235.68	5250.41	0.29	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	20.27	ppb
Arsenic	75-2	2.86	2.89	2.79	2.85	1.77	ppb
Barium	135-1	25.14	26.25	26.34	25.91	2.56	ppb
Barium	137-1	26.36	27.79	26.01	26.72	3.52	ppb
Beryllium	9-1	0.42	0.38	0.33	0.38	13.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	25.15	26.98	26.86	26.33	3.88	ppb
Boron	11-1	26.62	26.94	27.79	27.12	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.01	0.20	0.13	77.99	ppb
Cadmium	106-1	0.15	-1.02	1.20	0.11	1020.02	ppb
Cadmium	108-1	0.14	0.48	0.27	0.30	56.79	ppb
Calcium	43-1	47125.47	48313.41	48963.00	48133.96	1.94	ppb
Calcium	44-1	46756.02	48003.86	47906.07	47555.32	1.46	ppb
Chromium	52-2	8.04	7.94	8.20	8.06	1.63	ppb
Cobalt	59-2	2.28	2.27	2.24	2.26	1.03	ppb
Copper	63-2	3.87	3.74	3.92	3.84	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				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	7063.12	6934.06	7026.12	7007.77	0.95	ppb
Iron	56-2	7346.75	7215.20	7173.45	7245.13	1.25	ppb
Iron	57-2	7089.39	7002.61	7029.84	7040.62	0.63	ppb
Krypton	83-1						cps
Lead	206-1	6.81	6.84	7.05	6.90	1.94	ppb
Lead	207-1	6.51	6.40	6.75	6.56	2.73	ppb
Lead	208-1	6.62	6.49	6.70	6.61	1.61	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:38:29	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	1570.06	1522.12	1566.55	1552.91	1.72	ppb
Manganese	55-2	138.19	138.63	140.74	139.18	0.98	ppb
Molybdenum	94-1	6.95	7.91	7.40	7.42	6.49	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	14.17	ppb
Molybdenum	96-1	0.99	0.94	1.06	0.99	6.38	ppb
Molybdenum	97-1	0.10	0.07	0.04	0.07	40.08	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	20.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.97	6.00	5.97	5.98	0.32	ppb
Phosphorus	31-2	227.66	456.15	419.75	367.85	33.37	ppb
Potassium	39-2	1394.50	1389.40	1434.61	1406.17	1.76	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.59	-1.84	-1.77	-1.40		ppb
Selenium	77-2	5.27	9.76	10.16	8.40	32.35	ppb
Selenium	78-2	-0.45	1.27	1.16	0.66	145.34	ppb
Silicon	28-1	6.99	10.93	31.25	16.39	79.44	ppb
Silver	109-1	0.07	0.04	0.07	0.06	27.01	ppb
Silver	107-1	0.07	0.08	0.06	0.07	14.88	ppb
Sodium	23-2	38.54	29.82	64.43	44.26	40.66	ppb
Strontium	86-1	59.26	63.99	61.44	61.56	3.84	ppb
Strontium	88-1	61.02	64.06	62.79	62.63	2.44	ppb
Sulfur	34-1	-1492.27	-1338.47	-494.28	-1108.34		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.13	0.08	0.09	28.60	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	8.77	ppb
Tin	118-1	0.07	0.02	0.01	0.03	100.01	ppb
Titanium	47-1	2.49	1.80	1.44	1.91	27.89	ppb
Uranium	238-1	0.30	0.36	0.35	0.34	10.41	ppb
Vanadium	51-2	11.15	11.48	11.26	11.30	1.50	ppb
Yttrium	89-1				107		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:38:29	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	19.29	19.15	19.41	19.28	0.66	ppb
Zirconium	90-1	4.84	4.89	4.84	4.86	0.61	ppb
Zirconium	91-1	4.74	4.79	4.92	4.82	1.86	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:41:17	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48608.38	53302.57	49999.62	50636.86	4.76	ppb
Antimony	121-1	484.65	495.90	488.99	489.85	1.16	ppb
Arsenic	75-2	482.04	529.77	479.56	497.12	5.69	ppb
Barium	135-1	2473.44	2456.06	2448.86	2459.45	0.51	ppb
Barium	137-1	2449.42	2454.34	2445.38	2449.71	0.18	ppb
Beryllium	9-1	512.36	511.39	520.28	514.67	0.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	465.59	517.95	568.60	517.38	9.96	ppb
Boron	11-1	453.41	510.15	550.79	504.78	9.69	ppb
Bromine	81-1						cps
Cadmium	111-1	474.58	471.35	475.70	473.88	0.48	ppb
Cadmium	106-1	477.30	483.39	479.02	479.91	0.65	ppb
Cadmium	108-1	470.65	475.42	473.13	473.07	0.50	ppb
Calcium	43-1	254093.83	246923.24	248650.10	249889.06	1.50	ppb
Calcium	44-1	248543.80	242692.69	245663.29	245633.26	1.19	ppb
Chromium	52-2	491.69	540.07	499.86	510.54	5.07	ppb
Cobalt	59-2	476.01	528.42	484.49	496.31	5.67	ppb
Copper	63-2	950.21	1083.32	990.78	1008.10	6.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	127854.37	141614.58	128582.09	132683.68	5.84	ppb
Iron	56-2	125315.25	139192.06	127977.27	130828.20	5.63	ppb
Iron	57-2	126648.79	138131.60	129098.51	131292.97	4.61	ppb
Krypton	83-1						cps
Lead	206-1	473.89	493.86	480.39	482.71	2.11	ppb
Lead	207-1	467.47	490.26	479.27	479.00	2.38	ppb
Lead	208-1	477.45	502.36	490.50	490.10	2.54	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:41:17	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	251352.31	270807.84	252967.76	258375.97	4.18	ppb
Manganese	55-2	956.02	1068.08	987.62	1003.91	5.76	ppb
Molybdenum	94-1	2377.18	2432.33	2437.65	2415.72	1.39	ppb
Molybdenum	95-1	2349.96	2439.57	2420.34	2403.29	1.96	ppb
Molybdenum	96-1	2342.67	2411.41	2395.04	2383.04	1.51	ppb
Molybdenum	97-1	2391.70	2425.24	2428.95	2415.30	0.85	ppb
Molybdenum	98-1	2358.55	2423.68	2392.70	2391.64	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.67	532.54	481.96	497.39	6.13	ppb
Phosphorus	31-2	9172.46	10624.76	9819.95	9872.39	7.37	ppb
Potassium	39-2	122610.76	136861.44	127746.64	129072.95	5.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	471.14	473.69	467.15	470.66	0.70	ppb
Selenium	77-2	475.29	499.71	496.15	490.39	2.69	ppb
Selenium	78-2	495.34	523.51	480.57	499.80	4.36	ppb
Silicon	28-1	490.91	490.00	530.60	503.84	4.60	ppb
Silver	109-1	480.80	486.46	483.62	483.63	0.59	ppb
Silver	107-1	481.43	492.13	481.28	484.95	1.28	ppb
Sodium	23-2	251888.26	275882.21	256556.37	261442.28	4.87	ppb
Strontium	86-1	468.37	473.52	465.89	469.26	0.83	ppb
Strontium	88-1	475.94	485.12	471.00	477.35	1.50	ppb
Sulfur	34-1	7640.23	7621.88	8357.21	7873.11	5.33	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	476.95	489.75	487.41	484.70	1.41	ppb
Thallium	205-1	485.66	509.27	504.46	499.80	2.50	ppb
Tin	118-1	479.21	480.21	481.17	480.20	0.20	ppb
Titanium	47-1	2429.34	2414.94	2482.53	2442.27	1.46	ppb
Uranium	238-1	496.97	512.76	500.05	503.26	1.66	ppb
Vanadium	51-2	479.58	533.34	492.62	501.85	5.59	ppb
Yttrium	89-1				114		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:41:17	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	949.21	1055.43	970.44	991.69	5.67	ppb
Zirconium	90-1	473.19	482.15	477.97	477.77	0.94	ppb
Zirconium	91-1	461.81	478.52	470.77	470.37	1.78	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:44:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	3.37	4.51	3.15	47.49	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	7.78	ppb
Arsenic	75-2	0.08	0.04	0.04	0.05	43.14	ppb
Barium	135-1	0.17	0.16	0.16	0.16	5.84	ppb
Barium	137-1	0.14	0.09	0.14	0.12	22.90	ppb
Beryllium	9-1	0.10	0.08	0.13	0.10	20.47	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	75.50	69.59	61.19	68.76	10.46	ppb
Boron	11-1	71.12	67.32	60.12	66.19	8.44	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	0.01	0.00	278.77	ppb
Cadmium	106-1	-1.27	-1.22	-1.12	-1.20		ppb
Cadmium	108-1	-0.06	-0.06	-0.19	-0.10		ppb
Calcium	43-1	-21.74	-2.33	-0.92	-8.33		ppb
Calcium	44-1	-5.92	-12.40	-21.89	-13.40		ppb
Chromium	52-2	-0.09	0.15	0.06	0.04	309.69	ppb
Cobalt	59-2	0.02	0.06	0.04	0.04	47.71	ppb
Copper	63-2	0.16	0.20	0.19	0.18	10.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	15.50	18.45	14.86	16.27	11.76	ppb
Iron	56-2	15.02	16.63	17.26	16.31	7.07	ppb
Iron	57-2	12.61	12.63	13.39	12.88	3.45	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.09	0.10	10.96	ppb
Lead	207-1	0.10	0.11	0.08	0.09	16.23	ppb
Lead	208-1	0.11	0.10	0.09	0.10	10.94	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:44:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	25.17	29.26	30.96	28.46	10.44	ppb
Manganese	55-2	0.18	0.06	0.12	0.12	51.21	ppb
Molybdenum	94-1	0.24	0.15	0.18	0.19	25.05	ppb
Molybdenum	95-1	0.23	0.17	0.19	0.20	14.55	ppb
Molybdenum	96-1	0.22	0.19	0.19	0.20	8.22	ppb
Molybdenum	97-1	0.20	0.20	0.13	0.18	21.43	ppb
Molybdenum	98-1	0.19	0.16	0.26	0.20	23.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.06	-0.01	0.02	222.14	ppb
Phosphorus	31-2	-13.45	8.86	-68.32	-24.30		ppb
Potassium	39-2	27.74	17.21	36.71	27.22	35.86	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	-1.05	0.23	1.89	0.36	413.54	ppb
Selenium	77-2	-0.52	-0.52	1.01	-0.01		ppb
Selenium	78-2	-0.76	-0.58	-0.20	-0.51		ppb
Silicon	28-1	-0.38	-3.46	-11.59	-5.15		ppb
Silver	109-1	0.03	0.04	0.04	0.04	24.21	ppb
Silver	107-1	0.03	0.03	0.04	0.03	19.51	ppb
Sodium	23-2	26.45	36.07	30.34	30.95	15.63	ppb
Strontium	86-1	-0.02	0.12	-0.01	0.03	245.14	ppb
Strontium	88-1	0.03	0.04	0.03	0.03	8.43	ppb
Sulfur	34-1	-924.02	-1278.09	-1806.36	-1336.16		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.24	0.25	0.24	5.51	ppb
Thallium	205-1	0.27	0.21	0.24	0.24	13.24	ppb
Tin	118-1	0.02	0.05	0.04	0.03	38.07	ppb
Titanium	47-1	0.05	0.26	0.23	0.18	65.61	ppb
Uranium	238-1	0.03	0.02	0.04	0.03	26.35	ppb
Vanadium	51-2	0.04	0.04	0.08	0.05	36.60	ppb
Yttrium	89-1				106		%

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:44:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.35	0.35	0.18	0.29	33.23	ppb
Zirconium	90-1	0.03	0.03	0.05	0.03	28.76	ppb
Zirconium	91-1	0.01	0.04	0.10	0.05	83.10	ppb

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473	490	507	490	3.40	cps
Antimony	121-1	8	42	17	22	78.07	cps
Arsenic	75-2	4	0	5	3	88.19	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	33	67	17	39	65.47	cps
Beryllium	9-1	12	22	22	19	30.93	cps
Bismuth	209-1	2030675	2012253	2018548	2020492	0.46	cps
Bismuth	209-2	1309260	1328041	1336381	1324561	1.05	cps
Boron	10-1	42	52	52	49	11.87	cps
Boron	11-1	152	222	202	192	18.78	cps
Bromine	81-1	2693	2813	2753	2753	2.18	cps
Cadmium	111-1	728	624	557	636	13.53	cps
Cadmium	106-1	1033	917	792	914	13.22	cps
Cadmium	108-1	0	25	8	11	114.58	cps
Calcium	43-1	533	667	608	603	11.09	cps
Calcium	44-1	49594	50037	50004	49879	0.49	cps
Chromium	52-2	1673	1670	1653	1666	0.64	cps
Cobalt	59-2	57	70	53	60	14.70	cps
Copper	63-2	153	157	133	148	8.54	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	3564490	3506747	3620226	3563821	1.59	cps
Holmium	165-2	2081368	2061076	2056029	2066158	0.65	cps
Indium	115-1	3670867	3687523	3712981	3690457	0.57	cps
Indium	115-2	698247	704520	717009	706592	1.35	cps
Iron	54-2	661	672	539	624	11.85	cps
Iron	56-2	4228	4351	4395	4325	2.00	cps
Iron	57-2	161	211	133	169	23.39	cps
Krypton	83-1	880	1000	843	908	9.03	cps
Lead	206-1	150	106	150	135	18.98	cps
Lead	207-1	83	150	89	107	34.44	cps
Lead	208-1	506	528	489	507	3.85	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	611625	613732	600565	608640	1.16	cps
Magnesium	24-2	350	300	258	303	15.16	cps
Manganese	55-2	120	110	117	116	4.41	cps
Molybdenum	94-1	108	83	92	94	13.48	cps
Molybdenum	95-1	42	50	25	39	32.73	cps
Molybdenum	96-1	67	108	75	83	26.46	cps
Molybdenum	97-1	17	50	25	31	56.77	cps
Molybdenum	98-1	17	42	33	31	41.66	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	87	133	113	111	21.07	cps
Phosphorus	31-2	175	133	117	142	21.21	cps
Potassium	39-2	25164	23578	23787	24176	3.56	cps
Rhodium	103-1	3599600	3682159	3595171	3625643	1.35	cps
Rhodium	103-2	1980776	2011602	2032219	2008199	1.29	cps
Scandium	45-1	2465467	2423044	2389063	2425858	1.58	cps
Scandium	45-2	98605	94915	95847	96456	1.99	cps
Selenium	82-1	-7	-131	38	-33	-262.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	68	64	82	71	13.25	cps
Silicon	28-1	512329	513070	517615	514338	0.56	cps
Silver	109-1	17	25	8	17	50.01	cps
Silver	107-1	33	33	25	31	15.74	cps
Sodium	23-2	37014	37432	36463	36969	1.31	cps
Strontium	86-1	1392	1350	1292	1345	3.74	cps
Strontium	88-1	58	75	75	69	13.86	cps
Sulfur	34-1	365752	369837	368450	368013	0.56	cps
Terbium	159-1	3779550	3799478	3825821	3801617	0.61	cps
Terbium	159-2	2071407	2062326	2079262	2070999	0.41	cps
Thallium	203-1	8	25	0	11	114.58	cps
Thallium	205-1	67	50	50	56	17.32	cps
Tin	118-1	275	242	225	247	10.30	cps
Titanium	47-1	583	642	725	650	10.95	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	7	27	27	20	57.73	cps
Yttrium	89-1	5091291	5259612	5091149	5147351	1.89	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:17:43	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	708266	704805	710140	707737	0.38	cps
Zinc	66-2	113	83	107	101	15.58	cps
Zirconium	90-1	225	208	250	228	9.21	cps
Zirconium	91-1	33	67	33	44	43.31	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943	833	917	898	6.39	cps
Antimony	121-1	6902	6310	6185	6466	5.92	cps
Arsenic	75-2	127	146	130	134	7.61	cps
Barium	135-1	6377	6919	7044	6780	5.23	cps
Barium	137-1	11113	11547	11880	11514	3.34	cps
Beryllium	9-1	510	498	468	492	4.40	cps
Bismuth	209-1	2016164	1992603	2026309	2011692	0.86	cps
Bismuth	209-2	1306349	1297398	1182580	1262109	5.47	cps
Boron	10-1	656	776	802	745	10.46	cps
Boron	11-1	3254	3708	3810	3590	8.24	cps
Bromine	81-1	2853	2833	3154	2947	6.09	cps
Cadmium	111-1	1435	1399	1412	1415	1.28	cps
Cadmium	106-1	1142	1008	1033	1061	6.68	cps
Cadmium	108-1	63	46	58	56	15.62	cps
Calcium	43-1	4776	4926	4809	4837	1.63	cps
Calcium	44-1	121073	120175	121175	120808	0.46	cps
Chromium	52-2	3704	3580	3684	3656	1.81	cps
Cobalt	59-2	1867	1900	1930	1899	1.67	cps
Copper	63-2	3124	3000	3160	3095	2.71	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	58	50	25	44	39.03	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	3461861	3540852	3613004	3538572	2.14	cps
Holmium	165-2	2060431	2072099	1835854	1989461	6.69	cps
Indium	115-1	3621719	3561651	3608807	3597393	0.88	cps
Indium	115-2	702005	693439	636445	677296	5.26	cps
Iron	54-2	2961	3050	2978	2997	1.58	cps
Iron	56-2	47039	46470	46654	46721	0.62	cps
Iron	57-2	1389	1167	1161	1239	10.49	cps
Krypton	83-1	903	867	957	909	4.98	cps
Lead	206-1	1517	1500	1678	1565	6.27	cps
Lead	207-1	1311	1533	1306	1383	9.39	cps
Lead	208-1	6312	6423	6429	6388	1.03	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	615877	614346	601942	610721	1.25	cps
Magnesium	24-2	28286	27501	27660	27816	1.49	cps
Manganese	55-2	593	693	587	624	9.57	cps
Molybdenum	94-1	6176	6527	6618	6441	3.62	cps
Molybdenum	95-1	7702	7761	8378	7947	4.71	cps
Molybdenum	96-1	8861	9362	8920	9048	3.02	cps
Molybdenum	97-1	5059	4951	5143	5051	1.90	cps
Molybdenum	98-1	13866	13482	13440	13596	1.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	730	693	677	700	3.90	cps
Phosphorus	31-2	233	217	233	228	4.23	cps
Potassium	39-2	49728	49285	50857	49957	1.62	cps
Rhodium	103-1	3660277	3527835	3668331	3618814	2.18	cps
Rhodium	103-2	1959992	1944307	1809010	1904436	4.36	cps
Scandium	45-1	2425716	2384801	2452162	2420893	1.40	cps
Scandium	45-2	96623	96055	85899	92859	6.50	cps
Selenium	82-1	256	282	184	241	21.00	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	100	112	105	106	5.70	cps
Silicon	28-1	529894	529026	533672	530864	0.47	cps
Silver	109-1	3767	3492	3234	3498	7.63	cps
Silver	107-1	4026	3951	4001	3992	0.96	cps
Sodium	23-2	90748	90455	88359	89854	1.45	cps
Strontium	86-1	2275	2567	2684	2509	8.39	cps
Strontium	88-1	8369	8144	8478	8330	2.04	cps
Sulfur	34-1	375013	374597	372018	373876	0.43	cps
Terbium	159-1	3731668	3809591	3840491	3793916	1.48	cps
Terbium	159-2	2065455	2032164	1839598	1979072	6.16	cps
Thallium	203-1	1759	1775	1725	1753	1.45	cps
Thallium	205-1	4343	4593	4493	4476	2.81	cps
Tin	118-1	12389	12006	12189	12195	1.57	cps
Titanium	47-1	3092	3250	2792	3045	7.65	cps
Uranium	238-1	5118	4659	5293	5023	6.51	cps
Vanadium	51-2	4291	4527	4454	4424	2.74	cps
Yttrium	89-1	5077919	5072561	5101328	5083936	0.30	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:20:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	695928	698809	631920	675552	5.60	cps
Zinc	66-2	487	587	427	500	16.17	cps
Zirconium	90-1	5435	5318	5059	5271	3.64	cps
Zirconium	91-1	1217	1283	1192	1231	3.85	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:23:45 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22958	23426	22918	23101	1.22	cps
Antimony	121-1	186306	184585	185025	185305	0.48	cps
Arsenic	75-2	8147	7824	7927	7966	2.07	cps
Barium	135-1	184319	184682	187148	185383	0.83	cps
Barium	137-1	316454	320151	323877	320160	1.16	cps
Beryllium	9-1	24788	24978	24563	24776	0.84	cps
Bismuth	209-1	2026020	2020693	2033378	2026697	0.31	cps
Bismuth	209-2	1332442	1336559	1318023	1329008	0.73	cps
Boron	10-1	1566	1742	2004	1770	12.45	cps
Boron	11-1	7889	8953	9535	8792	9.50	cps
Bromine	81-1	2733	2863	2833	2810	2.43	cps
Cadmium	111-1	43152	42265	42569	42662	1.06	cps
Cadmium	106-1	5618	5360	5485	5487	2.35	cps
Cadmium	108-1	3025	3234	3080	3113	3.47	cps
Calcium	43-1	49235	48558	48432	48742	0.89	cps
Calcium	44-1	838027	843319	843692	841679	0.38	cps
Chromium	52-2	60641	60567	58429	59879	2.10	cps
Cobalt	59-2	105601	105300	104701	105201	0.44	cps
Copper	63-2	161204	157897	160290	159797	1.07	cps
Dysprosium	156-1	0	25	50	25	100.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	20	17	7	14	48.02	cps
Holmium	165-1	3556221	3571450	3628181	3585284	1.06	cps
Holmium	165-2	2088828	2119194	2048630	2085551	1.70	cps
Indium	115-1	3709082	3686168	3644221	3679823	0.89	cps
Indium	115-2	713348	717909	701046	710768	1.23	cps
Iron	54-2	127850	126337	125821	126669	0.83	cps
Iron	56-2	2279697	2310379	2329845	2306640	1.10	cps
Iron	57-2	57382	56584	56500	56822	0.86	cps
Krypton	83-1	717	880	897	831	11.97	cps
Lead	206-1	85043	85183	85838	85355	0.50	cps
Lead	207-1	74798	74753	75374	74975	0.46	cps
Lead	208-1	339122	338895	344192	340736	0.88	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:23:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	606883	611647	616992	611841	0.83	cps
Magnesium	24-2	304070	303949	302518	303512	0.28	cps
Manganese	55-2	55092	54172	55096	54787	0.97	cps
Molybdenum	94-1	354814	352326	360019	355720	1.10	cps
Molybdenum	95-1	448013	452922	440859	447265	1.36	cps
Molybdenum	96-1	488072	490639	487910	488874	0.31	cps
Molybdenum	97-1	269873	272173	277824	273290	1.50	cps
Molybdenum	98-1	701327	707313	719261	709300	1.29	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	29300	29734	29300	29445	0.85	cps
Phosphorus	31-2	1617	1650	1884	1717	8.46	cps
Potassium	39-2	172067	170213	168973	170418	0.91	cps
Rhodium	103-1	3596106	3586149	3669987	3617414	1.27	cps
Rhodium	103-2	2033120	1980603	1983527	1999083	1.48	cps
Scandium	45-1	2431759	2402861	2450572	2428397	0.99	cps
Scandium	45-2	97978	98548	95727	97418	1.53	cps
Selenium	82-1	3023	2861	2879	2921	3.04	cps
Selenium	77-2	107	97	150	118	24.07	cps
Selenium	78-2	413	467	413	431	7.23	cps
Silicon	28-1	642615	639409	650196	644073	0.86	cps
Silver	109-1	204018	207590	210297	207301	1.52	cps
Silver	107-1	222409	219381	221867	221219	0.73	cps
Sodium	23-2	643792	641528	638665	641329	0.40	cps
Strontium	86-1	56917	56699	56306	56640	0.55	cps
Strontium	88-1	473258	473779	475479	474172	0.24	cps
Sulfur	34-1	383329	383595	386196	384373	0.41	cps
Terbium	159-1	3816917	3795079	3799899	3803965	0.30	cps
Terbium	159-2	2063343	2086664	2088871	2079626	0.68	cps
Thallium	203-1	107526	106250	108460	107412	1.03	cps
Thallium	205-1	251712	247170	254078	250987	1.40	cps
Tin	118-1	130173	128608	133935	130906	2.09	cps
Titanium	47-1	126210	126119	125126	125818	0.48	cps
Uranium	238-1	295241	292351	299406	295666	1.20	cps
Vanadium	51-2	47378	47258	47311	47316	0.13	cps
Yttrium	89-1	5097803	5128341	5116028	5114057	0.30	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:23:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	704360	706622	699787	703590	0.49	cps
Zinc	66-2	20638	21016	21797	21150	2.79	cps
Zirconium	90-1	288603	290451	290914	289989	0.42	cps
Zirconium	91-1	63762	63528	65647	64312	1.81	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:26:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54759	54127	54498	54461	0.58	cps
Antimony	121-1	467274	459372	466493	464380	0.94	cps
Arsenic	75-2	19859	19936	19550	19782	1.03	cps
Barium	135-1	465258	467445	469801	467501	0.49	cps
Barium	137-1	809951	803435	807219	806868	0.41	cps
Beryllium	9-1	61997	63176	62200	62458	1.01	cps
Bismuth	209-1	2025649	2058351	2094261	2059420	1.67	cps
Bismuth	209-2	1329998	1345110	1361703	1345604	1.18	cps
Boron	10-1	4216	4270	4940	4475	9.01	cps
Boron	11-1	20971	22801	24650	22807	8.07	cps
Bromine	81-1	2743	2603	2783	2710	3.49	cps
Cadmium	111-1	108515	105948	107364	107276	1.20	cps
Cadmium	106-1	12348	11622	11647	11872	3.47	cps
Cadmium	108-1	7519	7786	7527	7611	1.99	cps
Calcium	43-1	123739	124765	124393	124299	0.42	cps
Calcium	44-1	2116338	2083686	2050760	2083595	1.57	cps
Chromium	52-2	145980	147444	148515	147313	0.86	cps
Cobalt	59-2	262375	262651	261994	262340	0.13	cps
Copper	63-2	396946	402817	397024	398929	0.84	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	7	23	10	13	66.12	cps
Holmium	165-1	3593780	3641805	3675421	3637002	1.13	cps
Holmium	165-2	2058802	2112898	2128810	2100170	1.75	cps
Indium	115-1	3698178	3740723	3784894	3741265	1.16	cps
Indium	115-2	700517	713512	714415	709481	1.10	cps
Iron	54-2	308565	313988	310729	311094	0.88	cps
Iron	56-2	5686720	5668208	5602375	5652435	0.78	cps
Iron	57-2	140367	141467	140946	140927	0.39	cps
Krypton	83-1	893	950	880	908	4.09	cps
Lead	206-1	217131	216818	218197	217382	0.33	cps
Lead	207-1	189048	185013	191527	188529	1.74	cps
Lead	208-1	860399	858897	873181	864159	0.91	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:26:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	634989	639135	646186	640103	0.88	cps
Magnesium	24-2	759768	755594	756027	757130	0.30	cps
Manganese	55-2	136953	137787	136970	137237	0.35	cps
Molybdenum	94-1	897366	905525	906313	903068	0.55	cps
Molybdenum	95-1	1112762	1122134	1144638	1126511	1.45	cps
Molybdenum	96-1	1240281	1223204	1251834	1238439	1.16	cps
Molybdenum	97-1	693735	693394	695180	694103	0.14	cps
Molybdenum	98-1	1767704	1769571	1757352	1764875	0.37	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	71823	71545	72135	71835	0.41	cps
Phosphorus	31-2	4001	3776	3784	3853	3.31	cps
Potassium	39-2	389109	388602	384044	387251	0.72	cps
Rhodium	103-1	3639903	3625091	3647859	3637618	0.32	cps
Rhodium	103-2	1960748	2008658	2010546	1993317	1.42	cps
Scandium	45-1	2484458	2521893	2479100	2495150	0.93	cps
Scandium	45-2	96193	99132	99364	98229	1.80	cps
Selenium	82-1	7127	7204	7212	7181	0.65	cps
Selenium	77-2	287	240	257	261	9.06	cps
Selenium	78-2	966	1030	1016	1004	3.35	cps
Silicon	28-1	820345	834987	847470	834267	1.63	cps
Silver	109-1	527305	524002	526227	525845	0.32	cps
Silver	107-1	557800	547644	559058	554834	1.13	cps
Sodium	23-2	1531068	1536348	1519303	1528906	0.57	cps
Strontium	86-1	142095	141915	143036	142348	0.42	cps
Strontium	88-1	1205318	1206124	1228334	1213259	1.08	cps
Sulfur	34-1	405669	407272	405404	406115	0.25	cps
Terbium	159-1	3851638	3875281	3928702	3885207	1.02	cps
Terbium	159-2	2042426	2091768	2106929	2080374	1.62	cps
Thallium	203-1	269502	267951	273658	270370	1.09	cps
Thallium	205-1	635968	638672	650678	641773	1.22	cps
Tin	118-1	331843	329800	330804	330816	0.31	cps
Titanium	47-1	315702	313833	316449	315328	0.43	cps
Uranium	238-1	742087	738376	754921	745128	1.17	cps
Vanadium	51-2	118546	118361	117323	118077	0.56	cps
Yttrium	89-1	5227431	5242352	5312658	5260814	0.87	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:26:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	696812	714471	714791	708691	1.45	cps
Zinc	66-2	53604	53949	54203	53919	0.56	cps
Zirconium	90-1	738305	721222	733362	730963	1.20	cps
Zirconium	91-1	161976	162657	159463	161366	1.04	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111702	107903	108337	109314	1.90	cps
Antimony	121-1	950900	945144	966325	954123	1.15	cps
Arsenic	75-2	40710	40564	40417	40564	0.36	cps
Barium	135-1	966003	954415	955311	958576	0.67	cps
Barium	137-1	1639414	1595109	1655233	1629919	1.91	cps
Beryllium	9-1	127639	126850	128474	127654	0.64	cps
Bismuth	209-1	2087133	2073164	2135730	2098675	1.56	cps
Bismuth	209-2	1334029	1369502	1366863	1356798	1.46	cps
Boron	10-1	8467	9225	9863	9185	7.61	cps
Boron	11-1	42150	47192	50584	46642	9.10	cps
Bromine	81-1	2763	2893	2843	2833	2.32	cps
Cadmium	111-1	217250	218276	220621	218715	0.79	cps
Cadmium	106-1	23037	21651	22377	22355	3.10	cps
Cadmium	108-1	15346	15868	15359	15524	1.92	cps
Calcium	43-1	248962	250629	251165	250252	0.46	cps
Calcium	44-1	4112532	4085173	4118838	4105514	0.44	cps
Chromium	52-2	297627	296926	292033	295529	1.03	cps
Cobalt	59-2	523602	534415	525314	527777	1.10	cps
Copper	63-2	808647	807085	794679	803470	0.95	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	8	42	31	62.99	cps
Gadolinium	160-2	17	30	27	24	28.38	cps
Holmium	165-1	3720848	3686673	3781364	3729628	1.29	cps
Holmium	165-2	2082235	2152536	2109887	2114886	1.67	cps
Indium	115-1	3810086	3792962	3820018	3807689	0.36	cps
Indium	115-2	708055	728677	719114	718615	1.44	cps
Iron	54-2	622291	638332	627157	629260	1.31	cps
Iron	56-2	11320919	11399093	11238276	11319430	0.71	cps
Iron	57-2	285337	286132	279728	283732	1.23	cps
Krypton	83-1	940	933	967	947	1.86	cps
Lead	206-1	443369	434790	442410	440190	1.07	cps
Lead	207-1	383562	380721	385173	383152	0.59	cps
Lead	208-1	1759185	1740829	1775641	1758552	0.99	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	646099	650750	653950	650266	0.61	cps
Magnesium	24-2	1569189	1557863	1512358	1546470	1.95	cps
Manganese	55-2	275900	279701	274700	276767	0.94	cps
Molybdenum	94-1	1814946	1799279	1835908	1816711	1.01	cps
Molybdenum	95-1	2274316	2303572	2252081	2276656	1.13	cps
Molybdenum	96-1	2522272	2560450	2505362	2529361	1.12	cps
Molybdenum	97-1	1417657	1405722	1394555	1405978	0.82	cps
Molybdenum	98-1	3627956	3561485	3635052	3608164	1.12	cps
Neodymium	150-1	13	40	33	29	48.05	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	144331	145381	141994	143902	1.20	cps
Phosphorus	31-2	8211	7452	7777	7813	4.87	cps
Potassium	39-2	765452	765838	748637	759976	1.29	cps
Rhodium	103-1	3728384	3712850	3835105	3758779	1.77	cps
Rhodium	103-2	1992755	2034840	2049513	2025702	1.45	cps
Scandium	45-1	2477004	2524592	2533677	2511757	1.21	cps
Scandium	45-2	97162	99505	97387	98018	1.32	cps
Selenium	82-1	14750	14511	14804	14688	1.06	cps
Selenium	77-2	593	543	513	550	7.35	cps
Selenium	78-2	1925	1915	1942	1928	0.71	cps
Silicon	28-1	988721	987760	1038807	1005096	2.91	cps
Silver	109-1	1066914	1070587	1073842	1070447	0.32	cps
Silver	107-1	1129806	1123354	1144272	1132477	0.95	cps
Sodium	23-2	3071621	3040324	3029868	3047271	0.71	cps
Strontium	86-1	286598	289999	287649	288082	0.60	cps
Strontium	88-1	2441265	2483633	2450785	2458561	0.90	cps
Sulfur	34-1	441574	440661	435607	439281	0.73	cps
Terbium	159-1	3957796	4084795	4050127	4030906	1.63	cps
Terbium	159-2	2061654	2115384	2114629	2097222	1.47	cps
Thallium	203-1	546644	548338	556295	550425	0.94	cps
Thallium	205-1	1309546	1274742	1310565	1298284	1.57	cps
Tin	118-1	670272	678972	671645	673629	0.69	cps
Titanium	47-1	643619	643550	642317	643162	0.11	cps
Uranium	238-1	1502523	1529558	1542238	1524773	1.33	cps
Vanadium	51-2	239854	242021	237150	239675	1.02	cps
Yttrium	89-1	5307916	5456954	5380989	5381953	1.38	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:29:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	706972	722865	724084	717973	1.33	cps
Zinc	66-2	107582	108266	107578	107808	0.37	cps
Zirconium	90-1	1512874	1497125	1497047	1502349	0.61	cps
Zirconium	91-1	328246	335984	329508	331246	1.25	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:32:45 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221697	220896	225814	222802	1.18	cps
Antimony	121-1	1952429	1930320	1934665	1939138	0.60	cps
Arsenic	75-2	82477	81818	81873	82056	0.45	cps
Barium	135-1	1947409	1939535	1936582	1941175	0.29	cps
Barium	137-1	3348069	3289371	3398101	3345181	1.63	cps
Beryllium	9-1	264698	261862	267180	264580	1.01	cps
Bismuth	209-1	2165212	2175830	2178910	2173317	0.33	cps
Bismuth	209-2	1405214	1384257	1407801	1399091	0.92	cps
Boron	10-1	17419	19647	21049	19372	9.45	cps
Boron	11-1	89701	97957	106643	98100	8.64	cps
Bromine	81-1	2713	2553	2783	2683	4.40	cps
Cadmium	111-1	444292	444693	449079	446021	0.60	cps
Cadmium	106-1	46655	45927	45944	46175	0.90	cps
Cadmium	108-1	31523	31382	32421	31775	1.77	cps
Calcium	43-1	511181	510236	508428	509948	0.27	cps
Calcium	44-1	8177473	8243899	8177062	8199478	0.47	cps
Chromium	52-2	597533	591182	596319	595011	0.57	cps
Cobalt	59-2	1077420	1066467	1059910	1067933	0.83	cps
Copper	63-2	1636303	1624914	1607802	1623006	0.88	cps
Dysprosium	156-1	50	50	100	67	43.30	cps
Dysprosium	156-2	20	13	3	12	68.66	cps
Erbium	164-1	0	67	25	31	110.22	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	27	20	23	23	14.29	cps
Holmium	165-1	3800100	3823389	3887533	3837007	1.18	cps
Holmium	165-2	2193894	2186910	2220281	2200362	0.80	cps
Indium	115-1	3881703	3893194	3899236	3891378	0.23	cps
Indium	115-2	733642	736016	732859	734172	0.22	cps
Iron	54-2	1279181	1270963	1275348	1275164	0.32	cps
Iron	56-2	23326989	22888608	22814371	23009989	1.20	cps
Iron	57-2	578144	578436	578039	578206	0.04	cps
Krypton	83-1	907	923	897	909	1.48	cps
Lead	206-1	903566	902423	923886	909958	1.33	cps
Lead	207-1	795160	799319	803179	799220	0.50	cps
Lead	208-1	3678529	3679274	3674507	3677437	0.07	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:32:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	681041	689225	691000	687088	0.77	cps
Magnesium	24-2	3104235	3133588	3062799	3100207	1.15	cps
Manganese	55-2	569451	566350	560435	565412	0.81	cps
Molybdenum	94-1	3664598	3692271	3758149	3705006	1.30	cps
Molybdenum	95-1	4627662	4574610	4718335	4640202	1.57	cps
Molybdenum	96-1	5140178	5056001	5175676	5123951	1.20	cps
Molybdenum	97-1	2900532	2840470	2876315	2872439	1.05	cps
Molybdenum	98-1	7362203	7347265	7379396	7362955	0.22	cps
Neodymium	150-1	33	67	120	73	59.61	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	291133	291133	292408	291558	0.25	cps
Phosphorus	31-2	15734	15826	15567	15709	0.83	cps
Potassium	39-2	1511418	1472464	1516793	1500225	1.61	cps
Rhodium	103-1	3890844	3786042	3806563	3827816	1.45	cps
Rhodium	103-2	2036978	2098110	2080312	2071800	1.52	cps
Scandium	45-1	2611423	2572509	2571920	2585284	0.88	cps
Scandium	45-2	102573	101928	101250	101917	0.65	cps
Selenium	82-1	30139	29989	30118	30082	0.27	cps
Selenium	77-2	1060	1207	1207	1158	7.31	cps
Selenium	78-2	3912	3901	3824	3879	1.24	cps
Silicon	28-1	1409921	1433391	1468624	1437312	2.06	cps
Silver	109-1	2142841	2206361	2216621	2188608	1.83	cps
Silver	107-1	2274921	2242166	2288771	2268619	1.05	cps
Sodium	23-2	6135345	6183289	6111233	6143289	0.60	cps
Strontium	86-1	583505	586474	585525	585168	0.26	cps
Strontium	88-1	4895482	4948446	4911217	4918382	0.55	cps
Sulfur	34-1	510508	507238	508028	508591	0.34	cps
Terbium	159-1	4131801	4131555	4184363	4149240	0.73	cps
Terbium	159-2	2172490	2173426	2193796	2179904	0.55	cps
Thallium	203-1	1129040	1128387	1149521	1135649	1.06	cps
Thallium	205-1	2645852	2640480	2747363	2677899	2.25	cps
Tin	118-1	1362039	1365372	1388086	1371832	1.03	cps
Titanium	47-1	1327563	1311293	1307750	1315535	0.80	cps
Uranium	238-1	3139499	3122212	3156968	3139560	0.55	cps
Vanadium	51-2	491634	489727	490902	490754	0.20	cps
Yttrium	89-1	5493656	5450426	5590992	5511691	1.31	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:32:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	737450	737548	732660	735886	0.38	cps
Zinc	66-2	216055	215787	216028	215957	0.07	cps
Zirconium	90-1	3000829	3061216	3079510	3047185	1.35	cps
Zirconium	91-1	675962	679426	688940	681443	0.99	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:35:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457327	449367	444856	450517	1.40	cps
Antimony	121-1	4051803	4015373	4017501	4028225	0.51	cps
Arsenic	75-2	168521	167031	167004	167519	0.52	cps
Barium	135-1	4020331	4007845	3942514	3990230	1.05	cps
Barium	137-1	6843245	6908462	6705141	6818949	1.52	cps
Beryllium	9-1	540867	544374	543064	542768	0.33	cps
Bismuth	209-1	2193749	2229011	2211074	2211278	0.80	cps
Bismuth	209-2	1443888	1432570	1427301	1434586	0.59	cps
Boron	10-1	37857	42051	44570	41493	8.17	cps
Boron	11-1	191473	211795	224556	209275	7.97	cps
Bromine	81-1	3033	2633	2953	2873	7.38	cps
Cadmium	111-1	904017	913137	898202	905119	0.83	cps
Cadmium	106-1	93759	91788	93768	93105	1.22	cps
Cadmium	108-1	65115	65207	64629	64984	0.48	cps
Calcium	43-1	1057802	1058074	1047376	1054417	0.58	cps
Calcium	44-1	16934072	16680417	16956438	16856976	0.91	cps
Chromium	52-2	1217547	1215424	1190575	1207849	1.24	cps
Cobalt	59-2	2183746	2164224	2136152	2161374	1.11	cps
Copper	63-2	3350620	3277685	3217242	3281849	2.04	cps
Dysprosium	156-1	100	100	67	89	21.65	cps
Dysprosium	156-2	30	10	17	19	53.91	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	20	7	23	17	52.90	cps
Gadolinium	160-1	133	33	100	89	57.29	cps
Gadolinium	160-2	40	30	50	40	25.00	cps
Holmium	165-1	3930203	3938647	3912619	3927156	0.34	cps
Holmium	165-2	2307295	2292159	2200960	2266804	2.54	cps
Indium	115-1	4000421	3975964	3988391	3988258	0.31	cps
Indium	115-2	753414	738514	744856	745595	1.00	cps
Iron	54-2	2702891	2607509	2641477	2650626	1.82	cps
Iron	56-2	47192294	46852272	46302847	46782471	0.96	cps
Iron	57-2	1178960	1171088	1168526	1172858	0.46	cps
Krypton	83-1	860	910	997	922	7.50	cps
Lead	206-1	1881995	1913711	1852169	1882625	1.63	cps
Lead	207-1	1612118	1675429	1647541	1645030	1.93	cps
Lead	208-1	7490282	7631137	7531382	7550934	0.96	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:35:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	701747	712751	706614	707037	0.78	cps
Magnesium	24-2	6236757	6261010	6265652	6254473	0.25	cps
Manganese	55-2	1145896	1138288	1125971	1136719	0.88	cps
Molybdenum	94-1	7604753	7584087	7550901	7579913	0.36	cps
Molybdenum	95-1	9550243	9536404	9593677	9560108	0.31	cps
Molybdenum	96-1	10586782	10655584	10625274	10622547	0.32	cps
Molybdenum	97-1	5825636	5893527	5849249	5856138	0.59	cps
Molybdenum	98-1	15069710	15123547	15189039	15127432	0.40	cps
Neodymium	150-1	100	93	207	133	47.70	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	595227	589413	586334	590325	0.76	cps
Phosphorus	31-2	31218	31627	31251	31365	0.72	cps
Potassium	39-2	3035208	3009299	2982245	3008917	0.88	cps
Rhodium	103-1	3898750	3879608	3844996	3874452	0.70	cps
Rhodium	103-2	2122800	2129504	2135889	2129398	0.31	cps
Scandium	45-1	2622851	2605860	2715821	2648177	2.24	cps
Scandium	45-2	104469	104254	102274	103666	1.17	cps
Selenium	82-1	60263	60496	61008	60589	0.63	cps
Selenium	77-2	2310	2317	2194	2274	3.05	cps
Selenium	78-2	7603	7764	7776	7714	1.25	cps
Silicon	28-1	2309689	2338785	2310465	2319646	0.71	cps
Silver	109-1	4340182	4442558	4356411	4379717	1.26	cps
Silver	107-1	4584987	4651564	4581825	4606125	0.86	cps
Sodium	23-2	12580495	12670402	12310842	12520580	1.49	cps
Strontium	86-1	1204028	1211762	1213097	1209629	0.40	cps
Strontium	88-1	10045776	10039118	10152844	10079246	0.63	cps
Sulfur	34-1	643957	647253	647307	646172	0.30	cps
Terbium	159-1	4189201	4259080	4262462	4236914	0.98	cps
Terbium	159-2	2244301	2208358	2225700	2226120	0.81	cps
Thallium	203-1	2345703	2332078	2312979	2330253	0.71	cps
Thallium	205-1	5412035	5442589	5278575	5377733	1.62	cps
Tin	118-1	2817097	2825315	2811303	2817905	0.25	cps
Titanium	47-1	2597265	2649367	2696610	2647747	1.88	cps
Uranium	238-1	6285772	6365291	6427667	6359577	1.12	cps
Vanadium	51-2	998551	1004095	983265	995304	1.08	cps
Yttrium	89-1	5679286	5579753	5647863	5635634	0.90	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:35:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	760036	751553	753418	755002	0.59	cps
Zinc	66-2	439796	435901	436184	437293	0.50	cps
Zirconium	90-1	6318126	6255584	6282086	6285265	0.50	cps
Zirconium	91-1	1399138	1411711	1400324	1403724	0.49	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1974719	1955229	1981396	1970448	0.69	cps
Antimony	121-1	2475	2275	2709	2486	8.72	cps
Arsenic	75-2	103	83	82	89	13.26	cps
Barium	135-1	6694	7069	7644	7135	6.71	cps
Barium	137-1	12615	12064	11764	12147	3.55	cps
Beryllium	9-1	172	136	152	153	11.77	cps
Bismuth	209-1	1982995	1938232	1998328	1973185	1.58	cps
Bismuth	209-2	1265642	1276958	1256255	1266285	0.82	cps
Boron	10-1	8023	7276	6854	7384	8.01	cps
Boron	11-1	40148	36261	34588	36999	7.71	cps
Bromine	81-1	3053	3044	3013	3037	0.69	cps
Cadmium	111-1	1054	1085	1095	1078	1.98	cps
Cadmium	106-1	1133	1133	1175	1147	2.10	cps
Cadmium	108-1	50	29	33	38	29.40	cps
Calcium	43-1	4548109	4498771	4567284	4538055	0.78	cps
Calcium	44-1	74198266	74776852	76188448	75054522	1.36	cps
Chromium	52-2	21363	21429	21693	21495	0.81	cps
Cobalt	59-2	3440	3297	3257	3332	2.89	cps
Copper	63-2	8556	8666	8132	8451	3.33	cps
Dysprosium	156-1	217	150	192	186	18.09	cps
Dysprosium	156-2	110	87	140	112	23.82	cps
Erbium	164-1	58	33	17	36	58.07	cps
Erbium	164-2	37	23	27	29	24.03	cps
Gadolinium	160-1	192	258	217	222	15.16	cps
Gadolinium	160-2	160	130	147	146	10.33	cps
Holmium	165-1	3686098	3682225	3703420	3690581	0.31	cps
Holmium	165-2	2134648	2109940	2086466	2110351	1.14	cps
Indium	115-1	3797266	3889345	3847230	3844613	1.20	cps
Indium	115-2	738701	737119	735879	737233	0.19	cps
Iron	54-2	11029353	10981949	11068788	11026697	0.39	cps
Iron	56-2	204161905	202787438	198194732	201714692	1.55	cps
Iron	57-2	5139450	5097778	5033641	5090289	1.05	cps
Krypton	83-1	883	867	920	890	3.07	cps
Lead	206-1	8047	8025	8081	8051	0.35	cps
Lead	207-1	7174	7024	7508	7235	3.42	cps
Lead	208-1	32678	32038	33178	32631	1.75	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	658413	651378	660318	656703	0.72	cps
Magnesium	24-2	27884073	28110007	27660304	27884794	0.81	cps
Manganese	55-2	5084	5211	4961	5085	2.46	cps
Molybdenum	94-1	4292	4342	4209	4281	1.57	cps
Molybdenum	95-1	6026	6068	6101	6065	0.62	cps
Molybdenum	96-1	7536	7477	7260	7424	1.95	cps
Molybdenum	97-1	3751	3634	3901	3762	3.55	cps
Molybdenum	98-1	9812	9512	9287	9537	2.76	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	6872	6808	6862	6847	0.50	cps
Phosphorus	31-2	158	200	208	189	14.18	cps
Potassium	39-2	13176154	13007709	13067577	13083813	0.65	cps
Rhodium	103-1	3531361	3540318	3544074	3538584	0.18	cps
Rhodium	103-2	1917450	1942950	1891569	1917323	1.34	cps
Scandium	45-1	2507601	2483896	2532731	2508076	0.97	cps
Scandium	45-2	96545	97921	95575	96680	1.22	cps
Selenium	82-1	17	42	-31	9	404.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	88	70	73	77	12.52	cps
Silicon	28-1	727559	741043	758501	742368	2.09	cps
Silver	109-1	1583	1358	1342	1428	9.45	cps
Silver	107-1	2385	1358	1617	1787	29.87	cps
Sodium	23-2	54307891	54375787	53406678	54030119	1.00	cps
Strontium	86-1	3526	3576	3826	3642	4.41	cps
Strontium	88-1	20891	20924	20349	20721	1.56	cps
Sulfur	34-1	364615	366279	367561	366152	0.40	cps
Terbium	159-1	3900590	3910948	3892983	3901507	0.23	cps
Terbium	159-2	2081572	2117427	2099903	2099634	0.85	cps
Thallium	203-1	1475	1517	1258	1417	9.79	cps
Thallium	205-1	3092	3276	3167	3178	2.90	cps
Tin	118-1	2034	1950	2017	2000	2.20	cps
Titanium	47-1	1133	1200	1417	1250	11.85	cps
Uranium	238-1	1225	1150	1225	1200	3.61	cps
Vanadium	51-2	483	447	503	478	6.02	cps
Yttrium	89-1	5315377	5421706	5313718	5350267	1.16	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:38:43	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	733088	721761	719347	724732	1.01	cps
Zinc	66-2	7035	7312	7002	7116	2.39	cps
Zirconium	90-1	2142	2134	2009	2095	3.57	cps
Zirconium	91-1	475	417	500	464	9.22	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11181	10571	10811	10854	2.83	cps
Antimony	121-1	716699	716348	716231	716426	0.03	cps
Arsenic	75-2	31036	31332	30688	31019	1.04	cps
Barium	135-1	74238	74404	75695	74779	1.07	cps
Barium	137-1	126731	128606	126772	127370	0.84	cps
Beryllium	9-1	49396	48289	48929	48871	1.14	cps
Bismuth	209-1	2051728	2065039	2091562	2069443	0.98	cps
Bismuth	209-2	1344620	1356516	1353353	1351496	0.46	cps
Boron	10-1	27460	28015	28776	28084	2.35	cps
Boron	11-1	139604	139858	144964	141475	2.14	cps
Bromine	81-1	2713	2673	2833	2740	3.04	cps
Cadmium	111-1	86972	87531	86773	87092	0.45	cps
Cadmium	106-1	12664	13198	13173	13012	2.32	cps
Cadmium	108-1	8007	8394	8098	8166	2.48	cps
Calcium	43-1	20774	21466	21141	21127	1.64	cps
Calcium	44-1	373218	373973	372922	373371	0.15	cps
Chromium	52-2	115032	113960	113220	114070	0.80	cps
Cobalt	59-2	202662	204110	202186	202986	0.49	cps
Copper	63-2	155920	155724	153376	155006	0.91	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	3750504	3673171	3604281	3675985	1.99	cps
Holmium	165-2	2124262	2163172	2123351	2136928	1.06	cps
Indium	115-1	3763076	3670887	3719450	3717804	1.24	cps
Indium	115-2	716103	709558	707382	711014	0.64	cps
Iron	54-2	96127	96238	94918	95761	0.76	cps
Iron	56-2	1707810	1739237	1709598	1718881	1.03	cps
Iron	57-2	41527	42508	42391	42142	1.27	cps
Krypton	83-1	907	950	990	949	4.39	cps
Lead	206-1	364807	370545	366136	367163	0.82	cps
Lead	207-1	307498	312227	306504	308743	0.99	cps
Lead	208-1	1421814	1443815	1424070	1429900	0.85	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650281	643827	652932	649013	0.72	cps
Magnesium	24-2	68730	69784	69399	69304	0.77	cps
Manganese	55-2	52894	52971	51228	52365	1.88	cps
Molybdenum	94-1	5132372	5120160	5287335	5179956	1.80	cps
Molybdenum	95-1	7454659	7499933	7564087	7506226	0.73	cps
Molybdenum	96-1	8156068	8251529	8138390	8181996	0.74	cps
Molybdenum	97-1	4616097	4629182	4603353	4616211	0.28	cps
Molybdenum	98-1	11872684	12203736	11936355	12004258	1.46	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	55769	56572	55839	56060	0.79	cps
Phosphorus	31-2	258	217	117	197	36.92	cps
Potassium	39-2	131799	134741	130630	132390	1.60	cps
Rhodium	103-1	3819226	3798164	3698726	3772039	1.71	cps
Rhodium	103-2	2037670	2062454	2005524	2035216	1.40	cps
Scandium	45-1	2533005	2441296	2489637	2487979	1.84	cps
Scandium	45-2	97280	97770	96951	97333	0.42	cps
Selenium	82-1	11266	11219	11092	11193	0.81	cps
Selenium	77-2	390	443	407	413	6.60	cps
Selenium	78-2	1573	1584	1515	1558	2.38	cps
Silicon	28-1	1303460	1336130	1361979	1333856	2.20	cps
Silver	109-1	198110	196021	201559	198563	1.41	cps
Silver	107-1	209287	209869	209581	209579	0.14	cps
Sodium	23-2	268481	271612	266588	268894	0.94	cps
Strontium	86-1	518331	521358	519049	519579	0.30	cps
Strontium	88-1	4464283	4413422	4420997	4432901	0.62	cps
Sulfur	34-1	371193	369091	366826	369037	0.59	cps
Terbium	159-1	3966928	3894350	3933259	3931512	0.92	cps
Terbium	159-2	2066354	2112228	2105678	2094753	1.18	cps
Thallium	203-1	457029	445677	447932	450213	1.33	cps
Thallium	205-1	1050256	1054510	1055331	1053365	0.26	cps
Tin	118-1	1222251	1219996	1230152	1224133	0.44	cps
Titanium	47-1	239517	231484	242111	237704	2.33	cps
Uranium	238-1	3512434	3570053	3571106	3551197	0.95	cps
Vanadium	51-2	91275	90054	89645	90325	0.94	cps
Yttrium	89-1	5236899	5201682	5202251	5213611	0.39	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:49:52	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	700628	711402	703441	705157	0.79	cps
Zinc	66-2	39117	40738	39655	39837	2.07	cps
Zirconium	90-1	2778587	2791945	2815390	2795307	0.67	cps
Zirconium	91-1	618027	620490	621825	620114	0.31	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:52:40 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540	527	503	523	3.55	cps
Antimony	121-1	150	208	192	183	16.39	cps
Arsenic	75-2	8	6	4	6	33.33	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	25	50	67	47	44.41	cps
Beryllium	9-1	30	40	54	41	29.17	cps
Bismuth	209-1	1920936	2022545	2064205	2002562	3.68	cps
Bismuth	209-2	1358927	1347923	1355186	1354012	0.41	cps
Boron	10-1	1676	1480	1514	1556	6.73	cps
Boron	11-1	8151	7885	7336	7791	5.33	cps
Bromine	81-1	3003	2893	3184	3027	4.84	cps
Cadmium	111-1	751	779	723	751	3.72	cps
Cadmium	106-1	1033	1117	983	1045	6.45	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	417	542	567	508	15.81	cps
Calcium	44-1	52513	52998	52396	52636	0.61	cps
Chromium	52-2	1550	1593	1517	1553	2.48	cps
Cobalt	59-2	97	77	77	83	13.86	cps
Copper	63-2	293	243	187	241	22.13	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	17	58	33	36	58.07	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	3407608	3641334	3663175	3570706	3.97	cps
Holmium	165-2	2103800	2142402	2090735	2112313	1.27	cps
Indium	115-1	3483184	3716122	3750362	3649890	3.98	cps
Indium	115-2	700796	719564	707703	709354	1.34	cps
Iron	54-2	700	667	617	661	6.34	cps
Iron	56-2	5207	5084	5245	5179	1.62	cps
Iron	57-2	222	144	172	180	21.94	cps
Krypton	83-1	917	917	893	909	1.48	cps
Lead	206-1	194	250	250	231	13.86	cps
Lead	207-1	172	178	228	193	15.89	cps
Lead	208-1	761	972	1011	915	14.70	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:52:40 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	613773	642841	641826	632813	2.61	cps
Magnesium	24-2	400	433	450	428	5.95	cps
Manganese	55-2	147	123	127	132	9.54	cps
Molybdenum	94-1	508	842	1042	797	33.80	cps
Molybdenum	95-1	542	1175	1450	1056	44.13	cps
Molybdenum	96-1	592	1475	1583	1217	44.71	cps
Molybdenum	97-1	375	658	992	675	45.73	cps
Molybdenum	98-1	1025	1700	2150	1625	34.85	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	107	113	100	107	6.25	cps
Phosphorus	31-2	133	192	142	156	20.28	cps
Potassium	39-2	25106	24388	24663	24719	1.47	cps
Rhodium	103-1	3498915	3675761	3714900	3629859	3.17	cps
Rhodium	103-2	2027440	2053279	2017713	2032811	0.90	cps
Scandium	45-1	2318496	2432047	2450326	2400289	2.98	cps
Scandium	45-2	96565	95001	95266	95611	0.88	cps
Selenium	82-1	-23	-30	-16	-23	-32.11	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	68	71	69	69	2.20	cps
Silicon	28-1	562583	568026	564381	564997	0.49	cps
Silver	109-1	42	50	92	61	43.83	cps
Silver	107-1	83	75	50	69	24.98	cps
Sodium	23-2	39437	39905	38518	39287	1.80	cps
Strontium	86-1	1508	1442	1692	1547	8.37	cps
Strontium	88-1	325	692	867	628	44.03	cps
Sulfur	34-1	368672	369073	372073	369939	0.50	cps
Terbium	159-1	3622634	3865028	3957639	3815100	4.53	cps
Terbium	159-2	2097835	2146910	2069707	2104817	1.86	cps
Thallium	203-1	292	308	367	322	12.22	cps
Thallium	205-1	767	817	758	781	4.04	cps
Tin	118-1	342	425	517	428	20.46	cps
Titanium	47-1	683	725	825	744	9.78	cps
Uranium	238-1	150	567	567	428	56.23	cps
Vanadium	51-2	47	20	23	30	48.44	cps
Yttrium	89-1	4859982	5133699	5204986	5066222	3.60	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:52:40	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	694655	704874	695675	698401	0.81	cps
Zinc	66-2	57	83	103	81	28.87	cps
Zirconium	90-1	442	592	658	564	19.68	cps
Zirconium	91-1	58	117	158	111	45.21	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:55:30 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1976510	1974469	1982318	1977766	0.21	cps
Antimony	121-1	4217	4392	4601	4404	4.36	cps
Arsenic	75-2	51	56	57	55	5.88	cps
Barium	135-1	1150	1025	1092	1089	5.74	cps
Barium	137-1	1859	1859	2000	1906	4.29	cps
Beryllium	9-1	192	158	172	174	9.82	cps
Bismuth	209-1	2035300	2026837	2062921	2041686	0.92	cps
Bismuth	209-2	1286689	1322693	1321708	1310364	1.57	cps
Boron	10-1	1404	1402	1330	1378	3.06	cps
Boron	11-1	7298	7214	6756	7090	4.12	cps
Bromine	81-1	3384	3244	3464	3364	3.31	cps
Cadmium	111-1	1119	887	752	919	20.20	cps
Cadmium	106-1	1075	933	850	953	11.94	cps
Cadmium	108-1	375	500	579	485	21.24	cps
Calcium	43-1	988156	985046	996645	989949	0.61	cps
Calcium	44-1	15873667	15910464	16177059	15987063	1.04	cps
Chromium	52-2	24531	24595	24064	24396	1.19	cps
Cobalt	59-2	2557	2530	2300	2462	5.73	cps
Copper	63-2	12706	12816	12289	12603	2.21	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	17	23	27	22	22.91	cps
Holmium	165-1	3693459	3684057	3644980	3674165	0.70	cps
Holmium	165-2	2093076	2139715	2121047	2117946	1.11	cps
Indium	115-1	3693003	3724834	3694719	3704185	0.48	cps
Indium	115-2	690722	710290	705654	702222	1.46	cps
Iron	54-2	4933485	4936980	4747847	4872771	2.22	cps
Iron	56-2	88537766	89193721	88451063	88727517	0.46	cps
Iron	57-2	2295795	2286254	2265418	2282489	0.68	cps
Krypton	83-1	903	940	913	919	2.06	cps
Lead	206-1	8325	8553	8625	8501	1.84	cps
Lead	207-1	6896	6824	6880	6867	0.55	cps
Lead	208-1	31710	32494	32672	32292	1.59	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:55:30 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	665382	670328	669258	668323	0.39	cps
Magnesium	24-2	5793405	5712489	5771282	5759059	0.73	cps
Manganese	55-2	4184	4337	4261	4261	1.80	cps
Molybdenum	94-1	2030281	2020656	2055043	2035327	0.87	cps
Molybdenum	95-1	3559877	3615867	3624836	3600193	0.98	cps
Molybdenum	96-1	3760252	3886588	3893311	3846717	1.95	cps
Molybdenum	97-1	2180368	2208352	2227173	2205298	1.07	cps
Molybdenum	98-1	5551017	5602567	5665118	5606234	1.02	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	3234	3070	3130	3145	2.63	cps
Phosphorus	31-2	146249	144017	149289	146519	1.81	cps
Potassium	39-2	5654059	5663008	5686238	5667768	0.29	cps
Rhodium	103-1	3610918	3619415	3646924	3625753	0.52	cps
Rhodium	103-2	1956762	1990541	2010093	1985799	1.36	cps
Scandium	45-1	2464206	2475442	2538856	2492835	1.61	cps
Scandium	45-2	95676	97478	97384	96846	1.05	cps
Selenium	82-1	21	-10	-8	1	2083.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	78	66	63	69	11.50	cps
Silicon	28-1	617219	617347	620887	618484	0.34	cps
Silver	109-1	158	92	108	119	29.05	cps
Silver	107-1	75	150	100	108	35.25	cps
Sodium	23-2	11675182	11750346	11898361	11774630	0.96	cps
Strontium	86-1	39039	40819	41044	40301	2.73	cps
Strontium	88-1	330558	333708	338450	334239	1.19	cps
Sulfur	34-1	1407598	1404823	1417484	1409968	0.47	cps
Terbium	159-1	4016143	3924636	3967874	3969551	1.15	cps
Terbium	159-2	2068480	2097923	2103408	2089937	0.90	cps
Thallium	203-1	317	400	508	408	23.54	cps
Thallium	205-1	758	958	950	889	12.73	cps
Tin	118-1	1342	1067	1217	1208	11.40	cps
Titanium	47-1	1013439	1006477	1023359	1014425	0.84	cps
Uranium	238-1	142	167	92	133	28.64	cps
Vanadium	51-2	150	143	200	164	18.83	cps
Yttrium	89-1	5256451	5347085	5263612	5289049	0.95	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:55:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	697302	716695	715406	709801	1.53	cps
Zinc	66-2	2660	2597	2560	2606	1.94	cps
Zirconium	90-1	458	508	417	461	9.95	cps
Zirconium	91-1	158	125	117	133	16.54	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 11:58:18 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2028145	2034585	1998594	2020442	0.95	cps
Antimony	121-1	80596	79975	81115	80562	0.71	cps
Arsenic	75-2	3491	3281	3273	3348	3.69	cps
Barium	135-1	16293	15851	16761	16302	2.79	cps
Barium	137-1	27253	28907	29249	28470	3.75	cps
Beryllium	9-1	10320	10730	10658	10569	2.07	cps
Bismuth	209-1	1997960	2067589	2033933	2033160	1.71	cps
Bismuth	209-2	1328444	1306274	1313989	1316236	0.86	cps
Boron	10-1	2910	3118	3346	3124	6.98	cps
Boron	11-1	14768	16146	16764	15893	6.43	cps
Bromine	81-1	3444	3624	3484	3517	2.69	cps
Cadmium	111-1	18234	18624	18846	18568	1.67	cps
Cadmium	106-1	3242	3142	3225	3203	1.67	cps
Cadmium	108-1	1679	1725	1700	1702	1.35	cps
Calcium	43-1	999346	999658	996634	998546	0.17	cps
Calcium	44-1	16151903	16274524	16121686	16182705	0.50	cps
Chromium	52-2	48161	47880	47803	47948	0.39	cps
Cobalt	59-2	44570	44964	43891	44475	1.22	cps
Copper	63-2	46676	45081	44533	45430	2.45	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Gadolinium	160-2	23	20	7	17	52.90	cps
Holmium	165-1	3640096	3747416	3715126	3700879	1.49	cps
Holmium	165-2	2175069	2084782	2129763	2129871	2.12	cps
Indium	115-1	3736945	3706028	3737642	3726872	0.48	cps
Indium	115-2	709453	710549	708588	709530	0.14	cps
Iron	54-2	4901116	4852330	4783710	4845719	1.22	cps
Iron	56-2	90855113	88878444	89487685	89740414	1.13	cps
Iron	57-2	2301090	2275413	2283183	2286562	0.58	cps
Krypton	83-1	970	950	1017	979	3.49	cps
Lead	206-1	43540	44961	44978	44493	1.86	cps
Lead	207-1	36947	37081	37003	37011	0.18	cps
Lead	208-1	168093	172663	171560	170772	1.40	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:58:18	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	660646	669097	662072	663938	0.68	cps
Magnesium	24-2	5971578	5837094	5993305	5933992	1.43	cps
Manganese	55-2	15562	15495	15412	15490	0.49	cps
Molybdenum	94-1	2136660	2189402	2199443	2175168	1.55	cps
Molybdenum	95-1	3616656	3678413	3651663	3648911	0.85	cps
Molybdenum	96-1	3823005	3964370	3935987	3907787	1.91	cps
Molybdenum	97-1	2221732	2281948	2252894	2252191	1.34	cps
Molybdenum	98-1	5645559	5850903	5782751	5759738	1.82	cps
Neodymium	150-1	27	40	20	29	35.25	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	14965	14578	14444	14662	1.84	cps
Phosphorus	31-2	151006	150442	144853	148767	2.29	cps
Potassium	39-2	5707160	5681570	5599426	5662718	0.99	cps
Rhodium	103-1	3622056	3650516	3671333	3647968	0.68	cps
Rhodium	103-2	1997003	1987447	2032561	2005670	1.19	cps
Scandium	45-1	2584183	2544967	2569152	2566101	0.77	cps
Scandium	45-2	98437	96927	97746	97704	0.77	cps
Selenium	82-1	1077	1108	1008	1064	4.81	cps
Selenium	77-2	40	47	70	52	30.16	cps
Selenium	78-2	200	251	222	224	11.40	cps
Silicon	28-1	717835	722129	727706	722557	0.68	cps
Silver	109-1	78147	79906	79790	79281	1.24	cps
Silver	107-1	84634	85070	84836	84847	0.26	cps
Sodium	23-2	12158271	11976797	11967147	12034072	0.89	cps
Strontium	86-1	96449	97246	96725	96807	0.42	cps
Strontium	88-1	816954	829227	835794	827325	1.16	cps
Sulfur	34-1	1395754	1413056	1433689	1414166	1.34	cps
Terbium	159-1	3888759	3939341	3952100	3926733	0.85	cps
Terbium	159-2	2097336	2122311	2118236	2112628	0.63	cps
Thallium	203-1	44117	44744	44903	44588	0.93	cps
Thallium	205-1	104292	103352	105747	104464	1.16	cps
Tin	118-1	132175	133522	133018	132905	0.51	cps
Titanium	47-1	1040526	1051940	1071769	1054745	1.50	cps
Uranium	238-1	296027	303181	300253	299821	1.20	cps
Vanadium	51-2	19677	19043	19413	19378	1.64	cps
Yttrium	89-1	5257305	5329966	5328180	5305150	0.78	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 11:58:18	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	721996	717307	715685	718330	0.46	cps
Zinc	66-2	7008	6955	6845	6936	1.20	cps
Zirconium	90-1	302713	308954	308682	306783	1.15	cps
Zirconium	91-1	66686	67490	67983	67386	0.97	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1055778	1062851	1039794	1052808	1.12	cps
Antimony	121-1	1846569	1913343	1961393	1907101	3.02	cps
Arsenic	75-2	80565	80912	80946	80808	0.26	cps
Barium	135-1	1895646	1949880	1951135	1932220	1.64	cps
Barium	137-1	3217955	3261011	3321870	3266945	1.60	cps
Beryllium	9-1	263333	261403	262307	262348	0.37	cps
Bismuth	209-1	2123735	2146940	2157363	2142679	0.80	cps
Bismuth	209-2	1381750	1392815	1385896	1386820	0.40	cps
Boron	10-1	17343	20086	22252	19894	12.37	cps
Boron	11-1	89215	100975	109868	100019	10.36	cps
Bromine	81-1	3364	3574	3164	3367	6.10	cps
Cadmium	111-1	421248	428151	425470	424956	0.82	cps
Cadmium	106-1	43511	44740	44004	44085	1.40	cps
Cadmium	108-1	30154	29966	31298	30473	2.37	cps
Calcium	43-1	2460192	2420790	2411018	2430667	1.07	cps
Calcium	44-1	39383365	39640824	39435634	39486608	0.34	cps
Chromium	52-2	589422	599879	589448	592916	1.02	cps
Cobalt	59-2	1032512	1031199	1033793	1032501	0.13	cps
Copper	63-2	1583158	1600517	1565091	1582922	1.12	cps
Dysprosium	156-1	58	75	125	86	40.29	cps
Dysprosium	156-2	47	57	53	52	9.75	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	125	100	150	125	20.00	cps
Gadolinium	160-2	83	73	73	77	7.53	cps
Holmium	165-1	3946061	3904612	3893238	3914637	0.71	cps
Holmium	165-2	2235118	2221793	2299327	2252079	1.84	cps
Indium	115-1	4085151	4017394	4067975	4056840	0.87	cps
Indium	115-2	759920	762034	759590	760515	0.17	cps
Iron	54-2	5960770	5976582	5924487	5953947	0.45	cps
Iron	56-2	109367844	109494291	106653611	108505249	1.48	cps
Iron	57-2	2772312	2798599	2752494	2774468	0.83	cps
Krypton	83-1	850	853	1027	910	11.10	cps
Lead	206-1	875743	885695	887738	883059	0.73	cps
Lead	207-1	757223	767165	770018	764802	0.88	cps
Lead	208-1	3520746	3567668	3571140	3553185	0.79	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	694422	693990	694579	694330	0.04	cps
Magnesium	24-2	14588142	14956361	14645808	14730104	1.34	cps
Manganese	55-2	556089	554201	548514	552935	0.71	cps
Molybdenum	94-1	3670142	3693565	3705807	3689838	0.49	cps
Molybdenum	95-1	4546623	4694213	4594912	4611916	1.63	cps
Molybdenum	96-1	5096922	5116497	5124364	5112594	0.28	cps
Molybdenum	97-1	2832997	2827400	2919028	2859808	1.80	cps
Molybdenum	98-1	7279299	7270524	7305969	7285264	0.25	cps
Neodymium	150-1	107	93	60	87	27.74	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	284118	285427	282567	284037	0.50	cps
Phosphorus	31-2	15142	15333	16134	15536	3.39	cps
Potassium	39-2	7046838	7020418	6992273	7019843	0.39	cps
Rhodium	103-1	3806202	3840518	3831841	3826187	0.47	cps
Rhodium	103-2	2054458	2093083	2090554	2079365	1.04	cps
Scandium	45-1	2644391	2672796	2653024	2656737	0.55	cps
Scandium	45-2	102331	103936	102569	102945	0.84	cps
Selenium	82-1	28432	29056	29297	28928	1.54	cps
Selenium	77-2	1127	1013	1053	1064	5.40	cps
Selenium	78-2	3809	3739	3725	3758	1.20	cps
Silicon	28-1	1522018	1567613	1648225	1579285	4.05	cps
Silver	109-1	2070906	2108276	2132760	2103981	1.48	cps
Silver	107-1	2187809	2206527	2235635	2209990	1.09	cps
Sodium	23-2	28686143	29183357	28671961	28847154	1.01	cps
Strontium	86-1	582708	575985	582868	580520	0.68	cps
Strontium	88-1	4903231	4919758	4961383	4928124	0.61	cps
Sulfur	34-1	480193	483295	480353	481281	0.36	cps
Terbium	159-1	4161298	4275467	4127086	4187950	1.86	cps
Terbium	159-2	2205400	2224457	2219014	2216290	0.44	cps
Thallium	203-1	1080269	1100385	1108325	1096326	1.32	cps
Thallium	205-1	2528419	2594983	2592911	2572104	1.47	cps
Tin	118-1	1326080	1335150	1347022	1336084	0.79	cps
Titanium	47-1	1301908	1298066	1317188	1305721	0.77	cps
Uranium	238-1	3108847	3087019	3095718	3097194	0.35	cps
Vanadium	51-2	483757	485447	473384	480863	1.36	cps
Yttrium	89-1	5677927	5656588	5729913	5688143	0.66	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:01:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	758574	762398	754437	758470	0.52	cps
Zinc	66-2	210295	210707	207987	209663	0.70	cps
Zirconium	90-1	2997864	2991705	3049493	3013021	1.05	cps
Zirconium	91-1	663467	671498	680569	671845	1.27	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813	947	987	916	9.91	cps
Antimony	121-1	6368	6560	6510	6479	1.54	cps
Arsenic	75-2	155	162	144	154	5.90	cps
Barium	135-1	6877	6802	6710	6796	1.23	cps
Barium	137-1	11714	12164	12022	11967	1.92	cps
Beryllium	9-1	502	450	470	474	5.53	cps
Bismuth	209-1	2044376	2131354	2077162	2084297	2.11	cps
Bismuth	209-2	1362905	1355838	1357555	1358766	0.27	cps
Boron	10-1	1346	1348	1486	1393	5.76	cps
Boron	11-1	6188	6738	7118	6682	7.00	cps
Bromine	81-1	2453	3154	3134	2913	13.70	cps
Cadmium	111-1	1353	1619	1325	1433	11.33	cps
Cadmium	106-1	1025	1167	950	1047	10.51	cps
Cadmium	108-1	50	50	75	58	24.74	cps
Calcium	43-1	4918	5368	5001	5095	4.70	cps
Calcium	44-1	130152	130237	130756	130382	0.25	cps
Chromium	52-2	3871	3751	3721	3781	2.10	cps
Cobalt	59-2	1890	1987	1833	1903	4.07	cps
Copper	63-2	3470	3134	3194	3266	5.50	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	13	20	23	19	26.96	cps
Holmium	165-1	3684388	3627361	3664606	3658785	0.79	cps
Holmium	165-2	2172243	2141674	2093999	2135972	1.85	cps
Indium	115-1	3798104	3710469	3775611	3761395	1.21	cps
Indium	115-2	723866	721203	717633	720901	0.43	cps
Iron	54-2	3128	3073	3117	3106	0.95	cps
Iron	56-2	50495	48098	48828	49140	2.50	cps
Iron	57-2	1378	1311	1217	1302	6.22	cps
Krypton	83-1	900	987	887	924	5.87	cps
Lead	206-1	1906	1972	1811	1896	4.27	cps
Lead	207-1	1483	1600	1583	1556	4.06	cps
Lead	208-1	7418	7429	7006	7284	3.30	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	651390	656158	644849	650799	0.87	cps
Magnesium	24-2	28169	28729	27518	28139	2.15	cps
Manganese	55-2	633	633	703	657	6.16	cps
Molybdenum	94-1	6935	6819	6944	6899	1.01	cps
Molybdenum	95-1	8811	8703	8236	8583	3.56	cps
Molybdenum	96-1	9587	9896	9453	9645	2.35	cps
Molybdenum	97-1	5276	5326	5209	5271	1.11	cps
Molybdenum	98-1	14007	13707	13240	13652	2.83	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	770	707	753	743	4.42	cps
Phosphorus	31-2	175	233	200	203	14.43	cps
Potassium	39-2	51592	50932	52613	51713	1.64	cps
Rhodium	103-1	3771902	3749577	3756992	3759490	0.30	cps
Rhodium	103-2	2060853	2113640	2030422	2068305	2.04	cps
Scandium	45-1	2472181	2553942	2443790	2489971	2.30	cps
Scandium	45-2	97787	97189	96864	97280	0.48	cps
Selenium	82-1	325	180	313	273	29.51	cps
Selenium	77-2	20	7	20	16	49.47	cps
Selenium	78-2	87	114	110	104	14.05	cps
Silicon	28-1	544579	549821	544894	546431	0.54	cps
Silver	109-1	4251	4634	4743	4543	5.69	cps
Silver	107-1	4434	4359	4759	4518	4.71	cps
Sodium	23-2	93952	94891	93532	94125	0.74	cps
Strontium	86-1	2375	2509	2300	2395	4.41	cps
Strontium	88-1	8494	8286	9145	8642	5.18	cps
Sulfur	34-1	366783	369596	369108	368496	0.41	cps
Terbium	159-1	3954098	3873195	3987767	3938354	1.50	cps
Terbium	159-2	2153916	2137653	2120077	2137215	0.79	cps
Thallium	203-1	2167	1809	1967	1981	9.07	cps
Thallium	205-1	5226	4834	5034	5032	3.89	cps
Tin	118-1	11955	12556	12765	12425	3.38	cps
Titanium	47-1	3417	3175	3259	3284	3.74	cps
Uranium	238-1	4959	5526	5435	5307	5.73	cps
Vanadium	51-2	4481	4554	4234	4423	3.79	cps
Yttrium	89-1	5372248	5270155	5246888	5296431	1.26	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:15:46	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	711202	717993	702932	710709	1.06	cps
Zinc	66-2	477	507	483	489	3.22	cps
Zirconium	90-1	5510	5259	6018	5596	6.91	cps
Zirconium	91-1	1442	1158	1350	1317	10.98	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 12:19:59 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503	520	490	504	2.98	cps
Antimony	121-1	42	8	33	28	62.46	cps
Arsenic	75-2	2	6	2	3	69.28	cps
Barium	135-1	0	17	25	14	91.65	cps
Barium	137-1	50	8	8	22	108.27	cps
Beryllium	9-1	38	26	28	31	20.97	cps
Bismuth	209-1	2104490	2109741	2091641	2101957	0.44	cps
Bismuth	209-2	1344497	1341997	1336668	1341054	0.30	cps
Boron	10-1	652	586	570	603	7.21	cps
Boron	11-1	3150	2878	3024	3017	4.51	cps
Bromine	81-1	2863	2483	2693	2680	7.11	cps
Cadmium	111-1	620	629	731	660	9.38	cps
Cadmium	106-1	883	892	1025	933	8.52	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	408	392	492	431	12.44	cps
Calcium	44-1	56478	55884	55951	56104	0.58	cps
Chromium	52-2	1687	1580	1593	1620	3.59	cps
Cobalt	59-2	40	27	57	41	36.56	cps
Copper	63-2	173	223	193	197	12.80	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	23	7	23	18	54.11	cps
Holmium	165-1	3708096	3681387	3689621	3693035	0.37	cps
Holmium	165-2	2132248	2133927	2095053	2120409	1.04	cps
Indium	115-1	3755733	3811266	3749906	3772302	0.90	cps
Indium	115-2	717257	710817	703186	710420	0.99	cps
Iron	54-2	661	583	567	604	8.35	cps
Iron	56-2	4290	4323	4001	4204	4.22	cps
Iron	57-2	133	172	167	157	13.36	cps
Krypton	83-1	880	893	847	873	2.75	cps
Lead	206-1	183	172	178	178	3.12	cps
Lead	207-1	144	178	128	150	16.97	cps
Lead	208-1	683	733	633	683	7.32	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:19:59	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	657326	654826	651948	654700	0.41	cps
Magnesium	24-2	300	408	292	333	19.53	cps
Manganese	55-2	137	127	100	121	15.65	cps
Molybdenum	94-1	142	217	217	192	22.59	cps
Molybdenum	95-1	67	42	33	47	36.74	cps
Molybdenum	96-1	117	117	50	94	40.76	cps
Molybdenum	97-1	42	0	8	17	132.30	cps
Molybdenum	98-1	50	92	67	69	30.20	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	143	103	113	23.35	cps
Phosphorus	31-2	183	150	192	175	12.60	cps
Potassium	39-2	24805	24288	24680	24591	1.10	cps
Rhodium	103-1	3744262	3690771	3768851	3734628	1.07	cps
Rhodium	103-2	2024080	2001946	1987142	2004390	0.93	cps
Scandium	45-1	2511342	2571838	2522290	2535156	1.27	cps
Scandium	45-2	98222	96219	96666	97036	1.08	cps
Selenium	82-1	14	50	56	40	57.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	76	61	70	11.58	cps
Silicon	28-1	526774	526179	523443	525466	0.34	cps
Silver	109-1	42	42	50	44	10.82	cps
Silver	107-1	67	25	42	44	47.19	cps
Sodium	23-2	38134	39170	39145	38816	1.52	cps
Strontium	86-1	1492	1367	1475	1445	4.70	cps
Strontium	88-1	142	108	83	111	26.34	cps
Sulfur	34-1	367910	369894	368599	368801	0.27	cps
Terbium	159-1	3973938	3895665	3933557	3934387	0.99	cps
Terbium	159-2	2139654	2069143	2084461	2097753	1.77	cps
Thallium	203-1	58	83	67	69	18.33	cps
Thallium	205-1	192	175	192	186	5.17	cps
Tin	118-1	233	242	200	225	9.80	cps
Titanium	47-1	692	792	608	697	13.17	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	33	13	20	22	45.83	cps
Yttrium	89-1	5239807	5157377	5214375	5203853	0.81	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:19:59	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	709044	695872	703011	702642	0.94	cps
Zinc	66-2	60	70	107	79	31.15	cps
Zirconium	90-1	392	200	267	286	34.01	cps
Zirconium	91-1	67	58	108	78	34.45	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873	760	800	811	7.09	cps
Antimony	121-1	6777	6202	6702	6560	4.77	cps
Arsenic	75-2	149	149	141	146	3.16	cps
Barium	135-1	6769	7035	6844	6882	2.00	cps
Barium	137-1	11814	12414	11472	11900	4.01	cps
Beryllium	9-1	514	466	450	477	6.99	cps
Bismuth	209-1	2124381	2082290	2093939	2100203	1.03	cps
Bismuth	209-2	1349831	1328145	1337539	1338505	0.81	cps
Boron	10-1	990	1128	1258	1125	11.91	cps
Boron	11-1	5240	5936	6204	5793	8.59	cps
Bromine	81-1	2823	2683	2873	2793	3.53	cps
Cadmium	111-1	1598	1499	1500	1532	3.71	cps
Cadmium	106-1	1258	1067	1092	1139	9.15	cps
Cadmium	108-1	83	21	63	56	57.29	cps
Calcium	43-1	4951	4843	5084	4959	2.44	cps
Calcium	44-1	128647	128698	129059	128801	0.17	cps
Chromium	52-2	3574	3864	3804	3747	4.09	cps
Cobalt	59-2	1847	2050	2007	1968	5.44	cps
Copper	63-2	3134	3164	3000	3099	2.81	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	3685731	3691192	3737560	3704828	0.77	cps
Holmium	165-2	2112350	2087682	2085023	2095018	0.72	cps
Indium	115-1	3803713	3791433	3773239	3789461	0.40	cps
Indium	115-2	718199	706964	706232	710465	0.94	cps
Iron	54-2	2961	3128	2984	3024	2.99	cps
Iron	56-2	46164	45768	46420	46117	0.71	cps
Iron	57-2	1267	1272	1117	1219	7.24	cps
Krypton	83-1	963	937	977	959	2.12	cps
Lead	206-1	1706	1745	1828	1759	3.55	cps
Lead	207-1	1439	1333	1522	1432	6.61	cps
Lead	208-1	6623	7023	6929	6858	3.05	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650953	663414	663532	659300	1.10	cps
Magnesium	24-2	28754	28762	27418	28311	2.73	cps
Manganese	55-2	600	647	657	634	4.77	cps
Molybdenum	94-1	6927	6902	6327	6718	5.05	cps
Molybdenum	95-1	8628	8353	8169	8383	2.75	cps
Molybdenum	96-1	9395	8820	9687	9301	4.74	cps
Molybdenum	97-1	5276	5351	5209	5279	1.34	cps
Molybdenum	98-1	13590	13565	14450	13868	3.63	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	770	643	679	11.72	cps
Phosphorus	31-2	192	208	292	231	23.24	cps
Potassium	39-2	51350	50606	50255	50737	1.10	cps
Rhodium	103-1	3768950	3757156	3798181	3774762	0.56	cps
Rhodium	103-2	2082528	2042745	2047024	2057432	1.06	cps
Scandium	45-1	2535321	2496557	2493625	2508501	0.93	cps
Scandium	45-2	94954	97149	97196	96433	1.33	cps
Selenium	82-1	137	299	231	222	36.72	cps
Selenium	77-2	23	13	13	17	34.65	cps
Selenium	78-2	113	96	101	103	8.45	cps
Silicon	28-1	545238	544753	545616	545202	0.08	cps
Silver	109-1	4084	3726	4034	3948	4.92	cps
Silver	107-1	4426	4226	4026	4226	4.73	cps
Sodium	23-2	93441	93205	91629	92758	1.06	cps
Strontium	86-1	2467	2167	2709	2448	11.09	cps
Strontium	88-1	9003	8611	8861	8825	2.25	cps
Sulfur	34-1	369419	364633	369555	367869	0.76	cps
Terbium	159-1	3941882	4002822	4011025	3985243	0.95	cps
Terbium	159-2	2122817	2069602	2086472	2092964	1.30	cps
Thallium	203-1	2092	2234	1950	2092	6.77	cps
Thallium	205-1	4601	5076	4643	4773	5.51	cps
Tin	118-1	12306	11839	12339	12161	2.30	cps
Titanium	47-1	2959	3209	3125	3098	4.11	cps
Uranium	238-1	5435	5568	5902	5635	4.27	cps
Vanadium	51-2	4504	4504	4541	4516	0.47	cps
Yttrium	89-1	5221045	5389240	5344129	5318138	1.64	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 12:22:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	699020	701207	704690	701639	0.41	cps
Zinc	66-2	567	587	497	550	8.59	cps
Zirconium	90-1	5118	5626	5293	5346	4.83	cps
Zirconium	91-1	1308	1250	1317	1292	2.81	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : PB126768BL Instrumnet Name : P8
 Client Sample ID : PB126768BL Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:11:38 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503	507	517	509	1.36	cps
Antimony	121-1	17	50	33	33	50.00	cps
Arsenic	75-2	3	3	5	4	31.49	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	8	42	25	25	66.68	cps
Beryllium	9-1	22	24	18	21	14.32	cps
Bismuth	209-1	2133814	2155899	2192796	2160836	1.38	cps
Bismuth	209-2	1381252	1384285	1388656	1384731	0.27	cps
Boron	10-1	110	128	138	125	11.32	cps
Boron	11-1	530	500	530	520	3.33	cps
Bromine	81-1	2683	2763	2693	2713	1.61	cps
Cadmium	111-1	732	670	626	676	7.83	cps
Cadmium	106-1	1050	958	875	961	9.11	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	508	483	450	481	6.09	cps
Calcium	44-1	49101	48775	48349	48741	0.77	cps
Chromium	52-2	1733	1647	1690	1690	2.56	cps
Cobalt	59-2	17	53	33	34	53.29	cps
Copper	63-2	160	230	220	203	18.62	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	3685347	3721057	3734908	3713771	0.69	cps
Holmium	165-2	2236175	2190093	2151018	2192428	1.94	cps
Indium	115-1	3804539	3779269	3907734	3830514	1.78	cps
Indium	115-2	737965	744600	729020	737195	1.06	cps
Iron	54-2	611	700	606	639	8.30	cps
Iron	56-2	4051	4028	4473	4184	5.99	cps
Iron	57-2	156	194	144	165	15.93	cps
Krypton	83-1	930	927	877	911	3.28	cps
Lead	206-1	161	100	139	133	23.20	cps
Lead	207-1	106	89	144	113	25.24	cps
Lead	208-1	528	528	622	559	9.75	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : PB126768BL Instrumnet Name : P8
 Client Sample ID : PB126768BL Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:11:38 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	644527	634447	642328	640434	0.83	cps
Magnesium	24-2	383	308	275	322	17.22	cps
Manganese	55-2	120	113	153	129	16.63	cps
Molybdenum	94-1	108	133	133	125	11.55	cps
Molybdenum	95-1	42	42	0	28	86.60	cps
Molybdenum	96-1	83	58	108	83	30.00	cps
Molybdenum	97-1	0	8	0	3	173.21	cps
Molybdenum	98-1	33	42	67	47	36.74	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	97	77	89	12.05	cps
Phosphorus	31-2	192	167	258	206	23.05	cps
Potassium	39-2	23945	24137	22844	23642	2.95	cps
Rhodium	103-1	3810352	3870405	3906444	3862401	1.26	cps
Rhodium	103-2	2158356	2142015	2164742	2155038	0.54	cps
Scandium	45-1	2519604	2572618	2560711	2550978	1.09	cps
Scandium	45-2	103204	100408	99559	101057	1.89	cps
Selenium	82-1	-56	-21	15	-21	-171.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	65	81	71	72	11.17	cps
Silicon	28-1	514256	514639	513294	514063	0.13	cps
Silver	109-1	0	25	58	28	105.35	cps
Silver	107-1	8	8	33	17	86.62	cps
Sodium	23-2	37081	35778	36513	36457	1.79	cps
Strontium	86-1	1533	1367	1450	1450	5.75	cps
Strontium	88-1	125	175	117	139	22.72	cps
Sulfur	34-1	374433	372585	374837	373952	0.32	cps
Terbium	159-1	3981335	3984823	4019560	3995239	0.53	cps
Terbium	159-2	2185153	2181510	2139040	2168568	1.18	cps
Thallium	203-1	8	25	8	14	69.31	cps
Thallium	205-1	83	50	75	69	24.98	cps
Tin	118-1	208	292	267	256	16.73	cps
Titanium	47-1	592	658	758	669	12.53	cps
Uranium	238-1	25	0	8	11	114.58	cps
Vanadium	51-2	27	20	20	22	17.33	cps
Yttrium	89-1	5390995	5366574	5531513	5429694	1.64	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BL	Instrumnet Name :	P8
Client Sample ID :	PB126768BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:11:38	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740819	723496	724722	729679	1.32	cps
Zinc	66-2	80	113	67	87	27.74	cps
Zirconium	90-1	217	292	300	269	17.03	cps
Zirconium	91-1	83	25	67	58	51.51	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : PB126768BS Instrumnet Name : P8
 Client Sample ID : PB126768BS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:14:26 DataFile Name : 022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233856	231286	232613	232585	0.55	cps
Antimony	121-1	2022022	2041477	2048888	2037463	0.68	cps
Arsenic	75-2	86742	86263	86334	86447	0.30	cps
Barium	135-1	2025964	2015017	2025745	2022242	0.31	cps
Barium	137-1	3410567	3432171	3500091	3447610	1.36	cps
Beryllium	9-1	271753	268650	275555	271986	1.27	cps
Bismuth	209-1	2265964	2271490	2290973	2276142	0.58	cps
Bismuth	209-2	1475558	1453604	1468198	1465787	0.76	cps
Boron	10-1	14853	17619	19403	17291	13.26	cps
Boron	11-1	76150	87820	98497	87489	12.78	cps
Bromine	81-1	3013	3174	2933	3040	4.02	cps
Cadmium	111-1	454425	459543	462282	458750	0.87	cps
Cadmium	106-1	47691	45986	48135	47270	2.40	cps
Cadmium	108-1	33035	33136	32781	32984	0.55	cps
Calcium	43-1	529935	529856	542815	534202	1.40	cps
Calcium	44-1	8730062	8635784	8839948	8735264	1.17	cps
Chromium	52-2	635801	621335	624349	627162	1.22	cps
Cobalt	59-2	1129308	1113754	1116332	1119798	0.74	cps
Copper	63-2	1760569	1732799	1735029	1742799	0.89	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	13	13	27	18	43.33	cps
Erbium	164-1	17	0	75	31	128.88	cps
Erbium	164-2	27	30	20	26	19.92	cps
Gadolinium	160-1	67	100	42	69	42.14	cps
Gadolinium	160-2	43	50	43	46	8.45	cps
Holmium	165-1	4047590	3998797	4053451	4033279	0.74	cps
Holmium	165-2	2338291	2299183	2309165	2315546	0.88	cps
Indium	115-1	4045440	4067210	4127374	4080008	1.04	cps
Indium	115-2	785316	771306	775422	777348	0.93	cps
Iron	54-2	1389436	1361918	1362827	1371394	1.14	cps
Iron	56-2	24508915	23911547	24238851	24219771	1.24	cps
Iron	57-2	613083	604787	601647	606506	0.97	cps
Krypton	83-1	990	947	860	932	7.10	cps
Lead	206-1	920314	940245	940282	933613	1.23	cps
Lead	207-1	809656	817721	819109	815495	0.63	cps
Lead	208-1	3783861	3813156	3840851	3812622	0.75	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BS	Instrumnet Name :	P8
Client Sample ID :	PB126768BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:14:26	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	693015	688875	699354	693748	0.76	cps
Magnesium	24-2	3279969	3264481	3201046	3248499	1.29	cps
Manganese	55-2	593068	587554	584482	588368	0.74	cps
Molybdenum	94-1	3787886	3828109	3844817	3820270	0.77	cps
Molybdenum	95-1	4741374	4849241	4894701	4828439	1.63	cps
Molybdenum	96-1	5276026	5377991	5385310	5346442	1.14	cps
Molybdenum	97-1	2946206	3010732	3033244	2996727	1.51	cps
Molybdenum	98-1	7535462	7712284	7727984	7658577	1.40	cps
Neodymium	150-1	73	147	73	98	43.30	cps
Neodymium	150-2	7	33	20	20	66.65	cps
Nickel	60-2	304517	305474	305144	305045	0.16	cps
Phosphorus	31-2	16210	16026	17035	16424	3.27	cps
Potassium	39-2	1622746	1575976	1581815	1593512	1.60	cps
Rhodium	103-1	3919436	4054748	4073448	4015877	2.09	cps
Rhodium	103-2	2249512	2168404	2203448	2207121	1.84	cps
Scandium	45-1	2748159	2749173	2789950	2762427	0.86	cps
Scandium	45-2	109420	107452	107711	108194	0.99	cps
Selenium	82-1	30887	31205	31098	31063	0.52	cps
Selenium	77-2	1177	1193	1167	1179	1.14	cps
Selenium	78-2	4049	4015	4141	4068	1.60	cps
Silicon	28-1	1452371	1495648	1502549	1483523	1.83	cps
Silver	109-1	2234748	2286935	2289817	2270500	1.37	cps
Silver	107-1	2378069	2397424	2415757	2397083	0.79	cps
Sodium	23-2	6531260	6491821	6404402	6475827	1.00	cps
Strontium	86-1	613407	620635	616191	616744	0.59	cps
Strontium	88-1	5144269	5162804	5290384	5199152	1.53	cps
Sulfur	34-1	518124	519124	520930	519393	0.27	cps
Terbium	159-1	4271821	4368498	4340683	4327001	1.15	cps
Terbium	159-2	2324559	2278059	2274356	2292325	1.22	cps
Thallium	203-1	1161774	1159875	1168153	1163267	0.37	cps
Thallium	205-1	2710003	2750304	2790790	2750366	1.47	cps
Tin	118-1	1417731	1414782	1430665	1421060	0.59	cps
Titanium	47-1	1384733	1397273	1365012	1382339	1.18	cps
Uranium	238-1	3222269	3226028	3271280	3239859	0.84	cps
Vanadium	51-2	509844	510849	511548	510747	0.17	cps
Yttrium	89-1	5739366	5745404	5831469	5772079	0.89	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	PB126768BS	Instrumnet Name :	P8
Client Sample ID :	PB126768BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:14:26	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	793625	777931	776930	782829	1.20	cps
Zinc	66-2	232583	228244	227518	229448	1.19	cps
Zirconium	90-1	3178672	3208613	3148410	3178565	0.95	cps
Zirconium	91-1	687271	704714	706033	699339	1.50	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2822034	2770017	2799541	2797197	0.93	cps
Antimony	121-1	1233	1125	808	1056	20.92	cps
Arsenic	75-2	11563	11842	11706	11704	1.19	cps
Barium	135-1	497617	498701	507611	501309	1.09	cps
Barium	137-1	855431	868536	879861	867943	1.41	cps
Beryllium	9-1	4444	4426	4598	4489	2.11	cps
Bismuth	209-1	2023835	2043688	1984576	2017366	1.49	cps
Bismuth	209-2	1299354	1302976	1312111	1304813	0.50	cps
Boron	10-1	5186	5140	5224	5183	0.81	cps
Boron	11-1	26126	26324	26601	26350	0.90	cps
Bromine	81-1	20276	23123	26131	23177	12.63	cps
Cadmium	111-1	4299	4329	4400	4343	1.19	cps
Cadmium	106-1	2775	2884	3000	2887	3.90	cps
Cadmium	108-1	646	563	692	633	10.34	cps
Calcium	43-1	11038914	11432320	11437479	11302904	2.02	cps
Calcium	44-1	181632121	182605387	185956617	183398042	1.24	cps
Chromium	52-2	248217	249506	246674	248132	0.57	cps
Cobalt	59-2	116849	118048	117602	117499	0.52	cps
Copper	63-2	146720	149811	146568	147700	1.24	cps
Dysprosium	156-1	127798	128656	128968	128474	0.47	cps
Dysprosium	156-2	69446	70283	69121	69617	0.86	cps
Erbium	164-1	110961	110263	109281	110169	0.77	cps
Erbium	164-2	60694	61475	62770	61646	1.70	cps
Gadolinium	160-1	123770	124881	128701	125784	2.06	cps
Gadolinium	160-2	79234	80052	79696	79661	0.51	cps
Holmium	165-1	3802577	3708689	3704589	3738618	1.48	cps
Holmium	165-2	2172890	2184042	2214303	2190412	0.98	cps
Indium	115-1	3716658	3739604	3700519	3718927	0.53	cps
Indium	115-2	702159	712508	702507	705725	0.83	cps
Iron	54-2	8086570	8278188	8157350	8174036	1.19	cps
Iron	56-2	149761509	150417464	147890231	149356401	0.88	cps
Iron	57-2	3749393	3786694	3800684	3778924	0.70	cps
Krypton	83-1	1190	1207	1100	1166	4.92	cps
Lead	206-1	301992	308058	307321	305791	1.08	cps
Lead	207-1	246344	249482	250361	248729	0.85	cps
Lead	208-1	1157344	1171045	1168943	1165777	0.63	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	669819	668305	661236	666453	0.69	cps
Magnesium	24-2	2260860	2294447	2285855	2280387	0.77	cps
Manganese	55-2	1911842	1951296	1960685	1941274	1.34	cps
Molybdenum	94-1	270437	272111	277353	273300	1.32	cps
Molybdenum	95-1	4793	4142	3717	4217	12.84	cps
Molybdenum	96-1	49489	48878	50543	49637	1.70	cps
Molybdenum	97-1	2850	2634	2100	2528	15.27	cps
Molybdenum	98-1	7444	7044	5785	6757	12.81	cps
Neodymium	150-1	207316	213103	214066	211495	1.73	cps
Neodymium	150-2	88641	89909	89047	89199	0.73	cps
Nickel	60-2	83131	83070	83758	83320	0.46	cps
Phosphorus	31-2	15809	16785	16176	16257	3.03	cps
Potassium	39-2	1926136	2019577	2006789	1984167	2.55	cps
Rhodium	103-1	3611886	3585132	3553227	3583415	0.82	cps
Rhodium	103-2	1939871	1977817	1974895	1964194	1.08	cps
Scandium	45-1	2753242	2696583	2774933	2741586	1.48	cps
Scandium	45-2	110054	109040	109645	109580	0.47	cps
Selenium	82-1	416	329	493	413	19.82	cps
Selenium	77-2	403	410	387	400	3.00	cps
Selenium	78-2	249	274	286	270	7.00	cps
Silicon	28-1	2020151	1908488	1696167	1874935	8.78	cps
Silver	109-1	5184	5626	5385	5398	4.10	cps
Silver	107-1	6026	6477	5893	6132	4.99	cps
Sodium	23-2	259990	268138	267549	265226	1.71	cps
Strontium	86-1	1752112	1764508	1782051	1766224	0.85	cps
Strontium	88-1	15111032	14900423	15185427	15065627	0.98	cps
Sulfur	34-1	409421	415286	416533	413747	0.92	cps
Terbium	159-1	4046762	3978986	3998967	4008238	0.87	cps
Terbium	159-2	2163886	2164061	2164248	2164065	0.01	cps
Thallium	203-1	4784	4251	3851	4295	10.91	cps
Thallium	205-1	10646	10138	10071	10285	3.06	cps
Tin	118-1	3484	3100	3059	3214	7.29	cps
Titanium	47-1	31928	26337	24487	27584	14.05	cps
Uranium	238-1	52701	52936	53413	53017	0.68	cps
Vanadium	51-2	284338	281873	280390	282200	0.71	cps
Yttrium	89-1	7562244	7297836	7418359	7426146	1.78	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:17:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1003273	1019449	1027409	1016711	1.21	cps
Zinc	66-2	95435	97352	97345	96711	1.14	cps
Zirconium	90-1	750216	747203	774201	757207	1.95	cps
Zirconium	91-1	166109	167034	167828	166990	0.52	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1192614	1207793	1221849	1207419	1.21	cps
Antimony	121-1	383	367	292	347	14.06	cps
Arsenic	75-2	9392	9464	9445	9434	0.40	cps
Barium	135-1	325873	334933	331881	330896	1.39	cps
Barium	137-1	560488	560517	576776	565927	1.66	cps
Beryllium	9-1	1950	2080	2234	2088	6.81	cps
Bismuth	209-1	2020383	2028632	2102669	2050561	2.21	cps
Bismuth	209-2	1351997	1360258	1386518	1366258	1.32	cps
Boron	10-1	4486	5212	5374	5024	9.41	cps
Boron	11-1	23414	26058	27632	25701	8.29	cps
Bromine	81-1	11486	11356	11697	11513	1.49	cps
Cadmium	111-1	4378	4356	4423	4386	0.77	cps
Cadmium	106-1	2384	2484	2300	2389	3.84	cps
Cadmium	108-1	421	558	458	479	14.83	cps
Calcium	43-1	4377089	4511759	4427399	4438749	1.53	cps
Calcium	44-1	70703975	73553831	72834622	72364143	2.05	cps
Chromium	52-2	196908	201965	201002	199958	1.34	cps
Cobalt	59-2	178978	181216	183973	181389	1.38	cps
Copper	63-2	133416	133783	132691	133297	0.42	cps
Dysprosium	156-1	92721	94374	97613	94903	2.62	cps
Dysprosium	156-2	53423	53854	54614	53964	1.12	cps
Erbium	164-1	80954	80233	83302	81496	1.97	cps
Erbium	164-2	45896	45354	45762	45670	0.62	cps
Gadolinium	160-1	94483	95642	95273	95133	0.62	cps
Gadolinium	160-2	60486	60694	61829	61003	1.18	cps
Holmium	165-1	3713556	3728733	3841880	3761390	1.86	cps
Holmium	165-2	2188866	2210015	2280521	2226468	2.16	cps
Indium	115-1	3698421	3715736	3770058	3728072	1.00	cps
Indium	115-2	732124	732942	747999	737688	1.21	cps
Iron	54-2	4866185	5037208	5013941	4972445	1.87	cps
Iron	56-2	89665080	89240213	90275883	89727058	0.58	cps
Iron	57-2	2283951	2296202	2333722	2304625	1.13	cps
Krypton	83-1	947	1137	1037	1040	9.14	cps
Lead	206-1	211250	217056	220049	216118	2.07	cps
Lead	207-1	175484	176633	178648	176922	0.91	cps
Lead	208-1	818894	831224	842940	831019	1.45	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	660985	668988	658484	662819	0.83	cps
Magnesium	24-2	1596820	1615887	1628415	1613707	0.99	cps
Manganese	55-2	896835	901340	927492	908556	1.82	cps
Molybdenum	94-1	175556	186541	180941	181013	3.03	cps
Molybdenum	95-1	1950	1692	1900	1847	7.42	cps
Molybdenum	96-1	31537	33032	32054	32207	2.36	cps
Molybdenum	97-1	1325	1133	1317	1258	8.61	cps
Molybdenum	98-1	2842	2684	2784	2770	2.89	cps
Neodymium	150-1	148153	151726	156347	152075	2.70	cps
Neodymium	150-2	64628	65941	65278	65282	1.01	cps
Nickel	60-2	101939	103023	105048	103336	1.53	cps
Phosphorus	31-2	12005	11813	10988	11602	4.66	cps
Potassium	39-2	1301449	1290619	1311866	1301311	0.82	cps
Rhodium	103-1	3591628	3639215	3740276	3657040	2.08	cps
Rhodium	103-2	2081479	2065630	2062780	2069963	0.49	cps
Scandium	45-1	2900227	2907502	2904940	2904223	0.13	cps
Scandium	45-2	112772	114559	116938	114756	1.82	cps
Selenium	82-1	903	676	813	797	14.34	cps
Selenium	77-2	360	377	363	367	2.41	cps
Selenium	78-2	267	310	282	286	7.62	cps
Silicon	28-1	3807716	1888110	3791973	3162600	34.90	cps
Silver	109-1	1200	1325	1158	1228	7.06	cps
Silver	107-1	1783	1408	1667	1620	11.85	cps
Sodium	23-2	273251	275686	279813	276250	1.20	cps
Strontium	86-1	3969529	4026928	4058295	4018251	1.12	cps
Strontium	88-1	33932111	35249081	34510879	34564024	1.91	cps
Sulfur	34-1	633028	647825	651420	644091	1.51	cps
Terbium	159-1	3976673	4003786	4052230	4010896	0.95	cps
Terbium	159-2	2148456	2199708	2230353	2192839	1.89	cps
Thallium	203-1	4884	5068	4768	4907	3.08	cps
Thallium	205-1	11122	11722	11614	11486	2.79	cps
Tin	118-1	2209	2625	2625	2486	9.68	cps
Titanium	47-1	12361	14193	20031	15528	25.80	cps
Uranium	238-1	43400	43860	45800	44353	2.87	cps
Vanadium	51-2	239939	237807	239017	238921	0.45	cps
Yttrium	89-1	6661964	6739162	6776402	6725843	0.87	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:20:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	933187	928897	927072	929719	0.34	cps
Zinc	66-2	107198	109113	111373	109228	1.91	cps
Zirconium	90-1	494167	501372	511364	502301	1.72	cps
Zirconium	91-1	108748	111107	112864	110906	1.86	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-03 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SW-200207 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:22:55 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1386170	1380123	1367208	1377834	0.70	cps
Antimony	121-1	325	258	367	317	17.26	cps
Arsenic	75-2	12106	11765	11543	11805	2.40	cps
Barium	135-1	591047	597863	597282	595397	0.63	cps
Barium	137-1	1007614	1036115	1023426	1022385	1.40	cps
Beryllium	9-1	2752	2748	2760	2753	0.22	cps
Bismuth	209-1	2050309	2152604	2157970	2120295	2.86	cps
Bismuth	209-2	1389168	1357420	1341975	1362854	1.77	cps
Boron	10-1	3806	4100	4282	4062	5.91	cps
Boron	11-1	19115	21035	21738	20629	6.58	cps
Bromine	81-1	13180	13811	14031	13674	3.23	cps
Cadmium	111-1	3265	2989	2903	3052	6.20	cps
Cadmium	106-1	2775	2492	2459	2575	6.76	cps
Cadmium	108-1	463	454	425	447	4.40	cps
Calcium	43-1	8502190	8485137	8593448	8526925	0.68	cps
Calcium	44-1	140033182	137363624	141086203	139494336	1.38	cps
Chromium	52-2	253354	248523	240312	247396	2.67	cps
Cobalt	59-2	116593	112934	114015	114514	1.64	cps
Copper	63-2	114746	112344	111265	112785	1.58	cps
Dysprosium	156-1	107783	104978	106481	106414	1.32	cps
Dysprosium	156-2	57054	54741	55746	55847	2.08	cps
Erbium	164-1	89375	91305	90524	90401	1.07	cps
Erbium	164-2	50763	49127	47534	49142	3.29	cps
Gadolinium	160-1	103173	104214	104341	103909	0.62	cps
Gadolinium	160-2	65919	64391	63574	64628	1.84	cps
Holmium	165-1	3875269	4012212	3960069	3949183	1.75	cps
Holmium	165-2	2338716	2266004	2242261	2282327	2.20	cps
Indium	115-1	3825196	3900154	3978376	3901242	1.96	cps
Indium	115-2	753724	719042	716565	729777	2.85	cps
Iron	54-2	9716667	9528295	9253162	9499375	2.45	cps
Iron	56-2	180018760	174235343	173639298	175964467	2.00	cps
Iron	57-2	4454573	4318481	4330262	4367772	1.73	cps
Krypton	83-1	1183	1177	1207	1189	1.32	cps
Lead	206-1	209181	207469	208236	208295	0.41	cps
Lead	207-1	171262	171379	170266	170969	0.36	cps
Lead	208-1	797256	806195	799807	801086	0.57	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:22:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	672108	705190	687246	688181	2.41	cps
Magnesium	24-2	2075630	2017023	1991632	2028095	2.12	cps
Manganese	55-2	1192514	1163243	1147571	1167776	1.95	cps
Molybdenum	94-1	198719	202796	199169	200228	1.12	cps
Molybdenum	95-1	2459	2675	2634	2589	4.44	cps
Molybdenum	96-1	36515	37912	35504	36644	3.30	cps
Molybdenum	97-1	1450	1375	1433	1420	2.77	cps
Molybdenum	98-1	4167	3859	3926	3984	4.07	cps
Neodymium	150-1	167997	169704	166917	168206	0.84	cps
Neodymium	150-2	69774	67284	67027	68028	2.23	cps
Nickel	60-2	97837	95082	94833	95917	1.74	cps
Phosphorus	31-2	17144	15976	17177	16766	4.08	cps
Potassium	39-2	1149515	1126016	1087771	1121101	2.78	cps
Rhodium	103-1	3706830	3791915	3816192	3771645	1.52	cps
Rhodium	103-2	2122299	2026129	2037538	2061988	2.55	cps
Scandium	45-1	2901720	2938771	2935688	2925393	0.70	cps
Scandium	45-2	116757	112876	112456	114029	2.08	cps
Selenium	82-1	396	349	297	347	14.21	cps
Selenium	77-2	370	383	307	353	11.59	cps
Selenium	78-2	274	280	260	271	3.78	cps
Silicon	28-1	1497443	1461233	1880708	1613128	14.41	cps
Silver	109-1	1217	1075	950	1081	12.35	cps
Silver	107-1	1475	1250	1217	1314	10.70	cps
Sodium	23-2	256905	253257	248424	252862	1.68	cps
Strontium	86-1	3311778	3334174	3334017	3326657	0.39	cps
Strontium	88-1	28177112	28552339	28517119	28415524	0.73	cps
Sulfur	34-1	460301	461107	461778	461062	0.16	cps
Terbium	159-1	4133273	4223343	4187466	4181360	1.08	cps
Terbium	159-2	2231989	2184523	2225087	2213866	1.16	cps
Thallium	203-1	3017	2942	2742	2900	4.90	cps
Thallium	205-1	7127	6960	6785	6958	2.46	cps
Tin	118-1	2550	2442	2484	2492	2.19	cps
Titanium	47-1	11375	19559	12559	14497	30.51	cps
Uranium	238-1	54660	52844	54183	53895	1.75	cps
Vanadium	51-2	309940	299866	296622	302142	2.30	cps
Yttrium	89-1	7103513	7314559	7257498	7225190	1.51	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:22:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	996941	958856	953681	969826	2.44	cps
Zinc	66-2	118060	114790	114155	115668	1.81	cps
Zirconium	90-1	566059	549966	551949	555991	1.58	cps
Zirconium	91-1	125100	122494	123545	123713	1.06	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1432810	1452928	1427881	1437873	0.92	cps
Antimony	121-1	350	333	267	317	13.92	cps
Arsenic	75-2	11204	11437	11210	11283	1.18	cps
Barium	135-1	417783	436363	445165	433104	3.23	cps
Barium	137-1	728065	753676	755459	745733	2.06	cps
Beryllium	9-1	2442	2622	2618	2560	4.01	cps
Bismuth	209-1	2071310	2061018	2030237	2054188	1.04	cps
Bismuth	209-2	1323068	1264748	1300941	1296252	2.27	cps
Boron	10-1	3348	3732	4144	3741	10.64	cps
Boron	11-1	18154	20380	21077	19870	7.68	cps
Bromine	81-1	14583	16106	17098	15929	7.95	cps
Cadmium	111-1	2996	2838	2941	2925	2.74	cps
Cadmium	106-1	2500	2334	2425	2420	3.45	cps
Cadmium	108-1	471	500	504	492	3.69	cps
Calcium	43-1	8606108	8756955	8650601	8671222	0.89	cps
Calcium	44-1	140769691	142420137	143273695	142154507	0.90	cps
Chromium	52-2	218966	221903	218173	219681	0.89	cps
Cobalt	59-2	94270	95552	93182	94334	1.26	cps
Copper	63-2	114685	116916	116587	116063	1.04	cps
Dysprosium	156-1	98891	102971	101349	101070	2.03	cps
Dysprosium	156-2	54939	55461	54942	55114	0.55	cps
Erbium	164-1	85868	87286	87605	86919	1.06	cps
Erbium	164-2	47344	48451	47946	47914	1.16	cps
Gadolinium	160-1	98286	100780	100729	99932	1.43	cps
Gadolinium	160-2	64843	63909	62733	63828	1.66	cps
Holmium	165-1	3830750	3842805	3838531	3837362	0.16	cps
Holmium	165-2	2155181	2032689	2124780	2104217	3.03	cps
Indium	115-1	3795947	3773188	3760986	3776707	0.47	cps
Indium	115-2	716453	682774	701637	700288	2.41	cps
Iron	54-2	7578877	7589283	7580740	7582967	0.07	cps
Iron	56-2	137945378	138203350	136272814	137473848	0.76	cps
Iron	57-2	3489398	3485795	3446128	3473773	0.69	cps
Krypton	83-1	1113	1103	1213	1143	5.32	cps
Lead	206-1	208825	210850	213720	211132	1.17	cps
Lead	207-1	172569	174667	177922	175053	1.54	cps
Lead	208-1	802620	818052	826774	815816	1.50	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	665971	663526	662621	664039	0.26	cps
Magnesium	24-2	2308089	2387173	2284431	2326564	2.31	cps
Manganese	55-2	1055423	1047450	1041185	1048019	0.68	cps
Molybdenum	94-1	195204	201084	197512	197933	1.50	cps
Molybdenum	95-1	1834	2084	2092	2003	7.33	cps
Molybdenum	96-1	35504	36357	35488	35783	1.39	cps
Molybdenum	97-1	1208	1300	1433	1314	8.61	cps
Molybdenum	98-1	2875	3292	3376	3181	8.42	cps
Neodymium	150-1	157221	161532	164994	161249	2.41	cps
Neodymium	150-2	68792	68500	67261	68184	1.19	cps
Nickel	60-2	80141	80761	79192	80031	0.99	cps
Phosphorus	31-2	14916	14808	14741	14822	0.60	cps
Potassium	39-2	1241472	1286764	1238026	1255420	2.17	cps
Rhodium	103-1	3631341	3642003	3571484	3614943	1.05	cps
Rhodium	103-2	2002792	1912681	1963595	1959690	2.31	cps
Scandium	45-1	2901076	2810847	2855201	2855708	1.58	cps
Scandium	45-2	109779	105480	109584	108281	2.24	cps
Selenium	82-1	497	456	272	408	29.34	cps
Selenium	77-2	387	320	303	337	13.10	cps
Selenium	78-2	268	252	243	254	4.98	cps
Silicon	28-1	1552860	1274047	1692543	1506483	14.14	cps
Silver	109-1	1683	1717	1625	1675	2.77	cps
Silver	107-1	2042	1967	2167	2059	4.91	cps
Sodium	23-2	364629	367598	359278	363835	1.16	cps
Strontium	86-1	3040491	3094569	3197043	3110701	2.56	cps
Strontium	88-1	25883353	26593545	26764064	26413654	1.77	cps
Sulfur	34-1	952826	969685	961021	961178	0.88	cps
Terbium	159-1	4083427	4026851	3981983	4030754	1.26	cps
Terbium	159-2	2143944	2030936	2139027	2104636	3.03	cps
Thallium	203-1	2959	2934	2784	2892	3.27	cps
Thallium	205-1	6477	6835	6568	6627	2.81	cps
Tin	118-1	2167	2134	1909	2070	6.79	cps
Titanium	47-1	12947	9729	9505	10727	17.95	cps
Uranium	238-1	53086	56544	55714	55115	3.28	cps
Vanadium	51-2	252467	258849	252611	254642	1.43	cps
Yttrium	89-1	7010872	7034298	6961146	7002105	0.53	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:25:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	943866	908639	929675	927393	1.91	cps
Zinc	66-2	95378	95949	96281	95869	0.48	cps
Zirconium	90-1	541161	557588	567029	555259	2.36	cps
Zirconium	91-1	120923	123276	127008	123736	2.48	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1495318	1477832	1547459	1506870	2.40	cps
Antimony	121-1	475	458	458	464	2.07	cps
Arsenic	75-2	9244	9138	9331	9238	1.05	cps
Barium	135-1	356763	363040	365864	361889	1.29	cps
Barium	137-1	621110	630938	624992	625680	0.79	cps
Beryllium	9-1	2394	2548	2510	2484	3.23	cps
Bismuth	209-1	2122695	2131902	2160688	2138428	0.93	cps
Bismuth	209-2	1364998	1370458	1372070	1369176	0.27	cps
Boron	10-1	2974	3342	3596	3304	9.47	cps
Boron	11-1	15757	17777	18164	17233	7.50	cps
Bromine	81-1	14091	14613	15013	14572	3.17	cps
Cadmium	111-1	2840	2676	2611	2709	4.36	cps
Cadmium	106-1	2392	2250	2150	2264	5.36	cps
Cadmium	108-1	413	379	421	404	5.46	cps
Calcium	43-1	6328296	6452182	6499824	6426767	1.38	cps
Calcium	44-1	103997525	104953550	103943963	104298346	0.54	cps
Chromium	52-2	210852	210628	212043	211175	0.36	cps
Cobalt	59-2	118320	119204	119049	118858	0.40	cps
Copper	63-2	117690	122436	121202	120443	2.04	cps
Dysprosium	156-1	90187	93400	93074	92220	1.92	cps
Dysprosium	156-2	50328	49321	49662	49770	1.03	cps
Erbium	164-1	77224	78406	77777	77802	0.76	cps
Erbium	164-2	42257	43143	42143	42514	1.29	cps
Gadolinium	160-1	90876	91959	90767	91201	0.72	cps
Gadolinium	160-2	55793	58173	57681	57215	2.20	cps
Holmium	165-1	4007449	3947247	3950806	3968501	0.85	cps
Holmium	165-2	2288225	2264477	2243434	2265379	0.99	cps
Indium	115-1	3898835	3900547	3865345	3888242	0.51	cps
Indium	115-2	735168	740610	736242	737340	0.39	cps
Iron	54-2	6119212	6217871	6245503	6194195	1.07	cps
Iron	56-2	113166805	114168994	113457205	113597668	0.45	cps
Iron	57-2	2870068	2907056	2849906	2875677	1.01	cps
Krypton	83-1	1033	1100	1040	1058	3.47	cps
Lead	206-1	216227	217941	217502	217223	0.41	cps
Lead	207-1	179015	178829	179200	179015	0.10	cps
Lead	208-1	829894	837260	844780	837312	0.89	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	680390	674185	681510	678695	0.58	cps
Magnesium	24-2	1419170	1419065	1442595	1426943	0.95	cps
Manganese	55-2	1298954	1320511	1324792	1314752	1.05	cps
Molybdenum	94-1	187879	190516	191534	189976	0.99	cps
Molybdenum	95-1	2200	2384	2409	2331	4.88	cps
Molybdenum	96-1	34084	34694	34209	34329	0.94	cps
Molybdenum	97-1	1417	1342	1492	1417	5.29	cps
Molybdenum	98-1	3767	3434	3826	3676	5.75	cps
Neodymium	150-1	149461	152731	151969	151387	1.13	cps
Neodymium	150-2	62320	62608	61922	62284	0.55	cps
Nickel	60-2	83265	84479	84036	83927	0.73	cps
Phosphorus	31-2	17845	17177	16810	17277	3.04	cps
Potassium	39-2	1262140	1264900	1277387	1268142	0.64	cps
Rhodium	103-1	3770196	3758911	3762946	3764018	0.15	cps
Rhodium	103-2	2058341	2071569	2085199	2071703	0.65	cps
Scandium	45-1	2926919	2930152	2925370	2927480	0.08	cps
Scandium	45-2	112016	112627	113453	112699	0.64	cps
Selenium	82-1	370	410	393	391	5.07	cps
Selenium	77-2	290	250	303	281	9.87	cps
Selenium	78-2	225	213	230	223	3.93	cps
Silicon	28-1	1415051	1034131	970024	1139735	21.11	cps
Silver	109-1	1542	1717	1458	1572	8.39	cps
Silver	107-1	1734	2125	2009	1956	10.28	cps
Sodium	23-2	264984	265800	265284	265356	0.16	cps
Strontium	86-1	2827216	2875014	2842766	2848332	0.86	cps
Strontium	88-1	24157848	24221425	24122043	24167105	0.21	cps
Sulfur	34-1	456497	455226	452878	454867	0.40	cps
Terbium	159-1	4206938	4157004	4214194	4192712	0.74	cps
Terbium	159-2	2207675	2244521	2219697	2223964	0.84	cps
Thallium	203-1	3234	2542	2900	2892	11.96	cps
Thallium	205-1	6543	6819	7111	6824	4.16	cps
Tin	118-1	3109	3100	3326	3178	4.01	cps
Titanium	47-1	9987	11400	9362	10250	10.19	cps
Uranium	238-1	49840	50685	49715	50080	1.05	cps
Vanadium	51-2	232030	235748	234133	233970	0.80	cps
Yttrium	89-1	6816739	7073118	6918073	6935977	1.86	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:28:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	937316	935516	930558	934463	0.37	cps
Zinc	66-2	124407	123482	125096	124328	0.65	cps
Zirconium	90-1	516144	532817	528678	525880	1.65	cps
Zirconium	91-1	117922	117990	116157	117356	0.89	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1293645	1297721	1292985	1294784	0.20	cps
Antimony	121-1	300	375	408	361	15.37	cps
Arsenic	75-2	10745	10733	10624	10701	0.62	cps
Barium	135-1	297083	295841	301163	298029	0.93	cps
Barium	137-1	507494	517440	518095	514343	1.15	cps
Beryllium	9-1	2212	2216	2114	2180	2.65	cps
Bismuth	209-1	2123639	2139462	2118496	2127199	0.51	cps
Bismuth	209-2	1359187	1361271	1368039	1362832	0.34	cps
Boron	10-1	2646	2782	2894	2774	4.48	cps
Boron	11-1	12969	14522	15115	14202	7.80	cps
Bromine	81-1	13300	15675	16417	15130	10.76	cps
Cadmium	111-1	2366	2518	2556	2480	4.04	cps
Cadmium	106-1	2059	2225	2150	2145	3.89	cps
Cadmium	108-1	363	367	321	350	7.24	cps
Calcium	43-1	5512511	5496047	5621096	5543218	1.23	cps
Calcium	44-1	89725375	89743702	92788248	90752442	1.94	cps
Chromium	52-2	162142	168658	163118	164640	2.13	cps
Cobalt	59-2	90636	92810	90294	91247	1.50	cps
Copper	63-2	101375	101140	101586	101367	0.22	cps
Dysprosium	156-1	75362	77333	76226	76307	1.29	cps
Dysprosium	156-2	41103	40464	40809	40792	0.78	cps
Erbium	164-1	66684	65487	68912	67028	2.59	cps
Erbium	164-2	35614	36039	35979	35877	0.64	cps
Gadolinium	160-1	74190	78053	76436	76226	2.55	cps
Gadolinium	160-2	46919	47257	47093	47089	0.36	cps
Holmium	165-1	3847934	3870839	3918044	3878939	0.92	cps
Holmium	165-2	2211207	2271341	2212150	2231566	1.54	cps
Indium	115-1	3874755	3858994	3868636	3867462	0.21	cps
Indium	115-2	716354	725764	730460	724193	0.99	cps
Iron	54-2	5801086	5919999	5703452	5808179	1.87	cps
Iron	56-2	108078827	109021702	106442258	107847596	1.21	cps
Iron	57-2	2735512	2753732	2672597	2720613	1.56	cps
Krypton	83-1	1027	1090	1117	1078	4.29	cps
Lead	206-1	193856	195199	194937	194664	0.37	cps
Lead	207-1	158598	161303	158716	159539	0.96	cps
Lead	208-1	744192	754643	751880	750238	0.72	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	664120	675441	659851	666471	1.21	cps
Magnesium	24-2	1614265	1651467	1615726	1627152	1.29	cps
Manganese	55-2	986876	992142	988389	989136	0.27	cps
Molybdenum	94-1	172201	172864	178468	174511	1.97	cps
Molybdenum	95-1	1650	1583	1658	1631	2.52	cps
Molybdenum	96-1	30751	31194	31236	31060	0.86	cps
Molybdenum	97-1	867	1017	858	914	9.75	cps
Molybdenum	98-1	2567	2359	2425	2450	4.34	cps
Neodymium	150-1	120932	124537	123522	122997	1.51	cps
Neodymium	150-2	50461	51060	51351	50957	0.89	cps
Nickel	60-2	74976	75918	74741	75212	0.83	cps
Phosphorus	31-2	9295	9170	9186	9217	0.74	cps
Potassium	39-2	1125737	1120952	1122067	1122919	0.22	cps
Rhodium	103-1	3695528	3726990	3771427	3731315	1.02	cps
Rhodium	103-2	2008578	2005116	2027186	2013626	0.59	cps
Scandium	45-1	2831455	2814245	2902707	2849469	1.65	cps
Scandium	45-2	109829	108882	108203	108971	0.75	cps
Selenium	82-1	325	321	303	316	3.72	cps
Selenium	77-2	243	247	223	238	5.31	cps
Selenium	78-2	213	219	226	219	2.97	cps
Silicon	28-1	1350902	999459	1422790	1257717	18.01	cps
Silver	109-1	1742	1633	1750	1708	3.81	cps
Silver	107-1	2009	2050	1733	1931	8.91	cps
Sodium	23-2	239649	241382	242237	241089	0.55	cps
Strontium	86-1	2276772	2319738	2303779	2300097	0.94	cps
Strontium	88-1	19561430	19483113	19738686	19594410	0.67	cps
Sulfur	34-1	936120	939255	959096	944824	1.32	cps
Terbium	159-1	4083550	4242131	4194494	4173392	1.95	cps
Terbium	159-2	2166092	2195198	2210707	2190665	1.03	cps
Thallium	203-1	2734	2792	3059	2861	6.06	cps
Thallium	205-1	6827	7311	6635	6924	5.03	cps
Tin	118-1	1759	1900	1650	1770	7.09	cps
Titanium	47-1	8781	15149	13696	12542	26.61	cps
Uranium	238-1	35141	35818	35860	35606	1.13	cps
Vanadium	51-2	180716	182288	179126	180710	0.87	cps
Yttrium	89-1	6667386	6632043	6765764	6688397	1.04	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:31:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	892160	894159	905729	897349	0.82	cps
Zinc	66-2	94250	94244	92690	93728	0.96	cps
Zirconium	90-1	482210	488297	487472	485993	0.68	cps
Zirconium	91-1	106548	107706	108664	107640	0.98	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247649	246928	243377	245985	0.93	cps
Antimony	121-1	50	42	92	61	43.83	cps
Arsenic	75-2	1923	2059	2077	2020	4.17	cps
Barium	135-1	57104	58218	57724	57682	0.97	cps
Barium	137-1	96501	99885	101529	99305	2.58	cps
Beryllium	9-1	436	504	458	466	7.45	cps
Bismuth	209-1	2125467	2206969	2186385	2172941	1.95	cps
Bismuth	209-2	1384531	1381321	1362773	1376208	0.85	cps
Boron	10-1	1154	1182	1214	1183	2.54	cps
Boron	11-1	5668	5894	5942	5835	2.51	cps
Bromine	81-1	8041	8141	8121	8101	0.65	cps
Cadmium	111-1	1096	976	968	1013	7.06	cps
Cadmium	106-1	1283	1142	1067	1164	9.45	cps
Cadmium	108-1	75	104	71	83	21.80	cps
Calcium	43-1	1058376	1068954	1081049	1069459	1.06	cps
Calcium	44-1	17288284	17720536	17521010	17509943	1.24	cps
Chromium	52-2	33342	33406	32480	33076	1.56	cps
Cobalt	59-2	17411	17144	17571	17375	1.24	cps
Copper	63-2	19186	19944	19998	19709	2.30	cps
Dysprosium	156-1	13749	14709	14517	14325	3.54	cps
Dysprosium	156-2	8333	7792	8033	8052	3.36	cps
Erbium	164-1	13007	12857	13732	13199	3.55	cps
Erbium	164-2	6949	6959	6758	6889	1.64	cps
Gadolinium	160-1	14458	14250	14783	14497	1.86	cps
Gadolinium	160-2	9230	9046	9170	9149	1.02	cps
Holmium	165-1	3835879	3887097	3935419	3886132	1.28	cps
Holmium	165-2	2220703	2237663	2169451	2209272	1.61	cps
Indium	115-1	3806553	3997278	3974049	3925960	2.65	cps
Indium	115-2	745253	738680	729943	737958	1.04	cps
Iron	54-2	1114164	1116520	1119612	1116765	0.24	cps
Iron	56-2	20724923	20247284	20654013	20542074	1.25	cps
Iron	57-2	515314	505968	505760	509014	1.07	cps
Krypton	83-1	1013	830	947	930	9.98	cps
Lead	206-1	37504	38814	38262	38193	1.72	cps
Lead	207-1	30815	30993	31271	31026	0.74	cps
Lead	208-1	144441	146924	146214	145860	0.88	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	661921	660845	666715	663161	0.47	cps
Magnesium	24-2	315676	314681	317645	316001	0.48	cps
Manganese	55-2	191689	191440	188216	190449	1.02	cps
Molybdenum	94-1	33224	32388	33992	33201	2.42	cps
Molybdenum	95-1	333	350	442	375	15.56	cps
Molybdenum	96-1	6102	5951	6010	6021	1.26	cps
Molybdenum	97-1	233	208	192	211	9.93	cps
Molybdenum	98-1	525	550	483	519	6.48	cps
Neodymium	150-1	23361	24029	23728	23706	1.41	cps
Neodymium	150-2	9624	9720	9577	9640	0.76	cps
Nickel	60-2	14581	14287	14578	14482	1.16	cps
Phosphorus	31-2	2009	2050	1725	1928	9.17	cps
Potassium	39-2	239143	235043	229700	234629	2.02	cps
Rhodium	103-1	3765078	3842602	3855626	3821102	1.28	cps
Rhodium	103-2	2084804	2097308	2062475	2081529	0.85	cps
Scandium	45-1	2599338	2712779	2724015	2678711	2.57	cps
Scandium	45-2	104305	102526	100451	102427	1.88	cps
Selenium	82-1	-102	169	68	45	305.17	cps
Selenium	77-2	33	40	67	47	37.80	cps
Selenium	78-2	99	100	98	99	1.01	cps
Silicon	28-1	903353	634892	638240	725495	21.23	cps
Silver	109-1	375	325	342	347	7.33	cps
Silver	107-1	508	433	433	458	9.45	cps
Sodium	23-2	72204	71141	72715	72020	1.11	cps
Strontium	86-1	445532	449344	441478	445451	0.88	cps
Strontium	88-1	3806628	3882525	3786907	3825354	1.32	cps
Sulfur	34-1	477536	478509	481296	479114	0.41	cps
Terbium	159-1	4104862	4151133	4160317	4138771	0.72	cps
Terbium	159-2	2250059	2207827	2167578	2208488	1.87	cps
Thallium	203-1	567	675	592	611	9.28	cps
Thallium	205-1	1325	1300	1317	1314	0.97	cps
Tin	118-1	500	475	567	514	9.22	cps
Titanium	47-1	1767	2100	2526	2131	17.85	cps
Uranium	238-1	6785	6760	6710	6752	0.57	cps
Vanadium	51-2	35537	35016	34872	35142	1.00	cps
Yttrium	89-1	5734434	5698822	5699786	5711014	0.36	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207L	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:34:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770125	760343	757434	762634	0.87	cps
Zinc	66-2	17795	18352	17888	18012	1.66	cps
Zirconium	90-1	92784	93228	93279	93097	0.29	cps
Zirconium	91-1	20082	20607	21217	20635	2.75	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : CCV09 Instrumnet Name : P8
 Client Sample ID : CCV09 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:38:45 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1069561	1068142	1082231	1073311	0.72	cps
Antimony	121-1	1933645	1963294	1973590	1956843	1.06	cps
Arsenic	75-2	81204	81437	82575	81739	0.90	cps
Barium	135-1	1931078	1982173	2018347	1977199	2.22	cps
Barium	137-1	3299456	3398135	3373271	3356954	1.53	cps
Beryllium	9-1	265752	264800	269715	266756	0.98	cps
Bismuth	209-1	2184106	2152943	2201141	2179397	1.12	cps
Bismuth	209-2	1374688	1396733	1409269	1393564	1.26	cps
Boron	10-1	16872	19851	21015	19246	11.10	cps
Boron	11-1	85150	99338	107088	97192	11.45	cps
Bromine	81-1	4565	4325	4445	4445	2.70	cps
Cadmium	111-1	432003	433610	436813	434142	0.56	cps
Cadmium	106-1	45726	45894	45275	45632	0.70	cps
Cadmium	108-1	30104	31215	31198	30839	2.06	cps
Calcium	43-1	2402191	2459905	2534548	2465548	2.69	cps
Calcium	44-1	39561771	40132539	41282244	40325518	2.17	cps
Chromium	52-2	598347	605050	608837	604078	0.88	cps
Cobalt	59-2	1052850	1042672	1044899	1046807	0.51	cps
Copper	63-2	1620234	1615824	1628941	1621666	0.41	cps
Dysprosium	156-1	150	158	142	150	5.56	cps
Dysprosium	156-2	57	67	60	61	8.33	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	100	125	175	133	28.64	cps
Gadolinium	160-2	80	80	110	90	19.25	cps
Holmium	165-1	3998273	3982189	4041432	4007298	0.76	cps
Holmium	165-2	2266502	2274055	2267730	2269429	0.18	cps
Indium	115-1	4023576	4058228	4065899	4049234	0.56	cps
Indium	115-2	762369	767055	769971	766465	0.50	cps
Iron	54-2	6092699	5967977	6117426	6059367	1.32	cps
Iron	56-2	110407858	109246758	110537183	110063933	0.65	cps
Iron	57-2	2792678	2752760	2849608	2798349	1.74	cps
Krypton	83-1	927	943	870	913	4.21	cps
Lead	206-1	883838	892173	896323	890778	0.71	cps
Lead	207-1	764877	771300	786587	774254	1.44	cps
Lead	208-1	3593889	3630971	3677143	3634001	1.15	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : CCV09 Instrumnet Name : P8
 Client Sample ID : CCV09 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:38:45 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	678075	677926	684035	680012	0.51	cps
Magnesium	24-2	14941158	15006029	15087501	15011563	0.49	cps
Manganese	55-2	559639	551185	558517	556447	0.83	cps
Molybdenum	94-1	3773764	3710073	3755886	3746574	0.88	cps
Molybdenum	95-1	4670432	4690378	4714191	4691667	0.47	cps
Molybdenum	96-1	5119600	5253740	5217458	5196933	1.34	cps
Molybdenum	97-1	2799850	2900873	2925865	2875529	2.32	cps
Molybdenum	98-1	7134173	7509368	7466500	7370014	2.79	cps
Neodymium	150-1	60	47	100	69	40.29	cps
Neodymium	150-2	17	37	20	24	43.83	cps
Nickel	60-2	286161	285102	285455	285572	0.19	cps
Phosphorus	31-2	15408	15117	16176	15567	3.52	cps
Potassium	39-2	7082082	7148883	7194761	7141909	0.79	cps
Rhodium	103-1	3768753	3950044	3890762	3869853	2.39	cps
Rhodium	103-2	2100776	2100205	2086948	2095976	0.37	cps
Scandium	45-1	2687608	2694815	2712574	2698332	0.48	cps
Scandium	45-2	102828	104080	106537	104482	1.81	cps
Selenium	82-1	28817	29445	29587	29283	1.40	cps
Selenium	77-2	1067	1193	1107	1122	5.77	cps
Selenium	78-2	3866	3804	3778	3816	1.19	cps
Silicon	28-1	1452963	1509083	1578731	1513592	4.16	cps
Silver	109-1	2100407	2167355	2133943	2133902	1.57	cps
Silver	107-1	2223273	2227661	2264713	2238549	1.02	cps
Sodium	23-2	29177317	29642041	29700043	29506467	0.97	cps
Strontium	86-1	578259	586885	596530	587225	1.56	cps
Strontium	88-1	4894596	5055625	5083175	5011132	2.03	cps
Sulfur	34-1	513388	517635	516372	515798	0.42	cps
Terbium	159-1	4290610	4257117	4253401	4267042	0.48	cps
Terbium	159-2	2229479	2287509	2303066	2273351	1.71	cps
Thallium	203-1	1111469	1091974	1125590	1109677	1.52	cps
Thallium	205-1	2601748	2621560	2648415	2623907	0.89	cps
Tin	118-1	1351189	1349343	1368911	1356481	0.80	cps
Titanium	47-1	1322061	1344262	1350170	1338831	1.11	cps
Uranium	238-1	3150268	3149886	3183553	3161236	0.61	cps
Vanadium	51-2	490938	481768	489612	487439	1.02	cps
Yttrium	89-1	5731779	5763913	5743207	5746299	0.28	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:38:45	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	765894	760016	780647	768852	1.38	cps
Zinc	66-2	214817	212469	217003	214763	1.06	cps
Zirconium	90-1	3058923	3029059	3103965	3063982	1.23	cps
Zirconium	91-1	684720	681579	679986	682095	0.35	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	680	647	703	10.13	cps
Antimony	121-1	408	450	417	425	5.19	cps
Arsenic	75-2	17	26	13	19	35.67	cps
Barium	135-1	242	392	308	314	23.94	cps
Barium	137-1	425	592	517	511	16.33	cps
Beryllium	9-1	84	78	106	89	16.50	cps
Bismuth	209-1	2034015	2063605	2098744	2065454	1.57	cps
Bismuth	209-2	1343709	1343719	1347063	1344830	0.14	cps
Boron	10-1	2194	2078	2058	2110	3.48	cps
Boron	11-1	11664	10610	9995	10756	7.85	cps
Bromine	81-1	3714	3384	3444	3514	5.01	cps
Cadmium	111-1	791	724	761	759	4.40	cps
Cadmium	106-1	992	942	925	953	3.64	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	767	1058	933	919	15.91	cps
Calcium	44-1	56562	59448	60076	58695	3.19	cps
Chromium	52-2	1817	1693	1697	1736	4.05	cps
Cobalt	59-2	287	227	217	243	15.56	cps
Copper	63-2	560	580	407	516	18.39	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	58	42	47	20.37	cps
Gadolinium	160-2	7	20	20	16	49.47	cps
Holmium	165-1	3614801	3732658	3625878	3657779	1.78	cps
Holmium	165-2	2093284	2121644	2103303	2106077	0.68	cps
Indium	115-1	3685267	3791975	3753736	3743659	1.44	cps
Indium	115-2	711901	718609	715326	715279	0.47	cps
Iron	54-2	2000	2067	1633	1900	12.28	cps
Iron	56-2	29169	27872	22162	26401	14.12	cps
Iron	57-2	606	828	622	685	18.06	cps
Krypton	83-1	917	907	833	886	5.14	cps
Lead	206-1	317	356	361	344	7.03	cps
Lead	207-1	206	328	328	287	24.58	cps
Lead	208-1	1272	1528	1350	1383	9.47	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	641681	640895	638107	640228	0.29	cps
Magnesium	24-2	3242	3267	2450	2986	15.56	cps
Manganese	55-2	217	227	190	211	8.98	cps
Molybdenum	94-1	658	733	925	772	17.81	cps
Molybdenum	95-1	658	942	958	853	19.77	cps
Molybdenum	96-1	867	1117	1033	1006	12.66	cps
Molybdenum	97-1	383	525	492	467	15.87	cps
Molybdenum	98-1	1142	1358	1500	1333	13.54	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	203	173	177	184	8.92	cps
Phosphorus	31-2	175	192	117	161	24.44	cps
Potassium	39-2	26742	24747	25506	25665	3.92	cps
Rhodium	103-1	3713227	3703287	3714244	3710253	0.16	cps
Rhodium	103-2	2058445	2042657	2044901	2048668	0.42	cps
Scandium	45-1	2462137	2514548	2503162	2493282	1.11	cps
Scandium	45-2	96679	96482	96230	96463	0.23	cps
Selenium	82-1	-19	18	125	41	181.29	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	69	63	66	4.60	cps
Silicon	28-1	534721	528816	528933	530823	0.64	cps
Silver	109-1	292	367	308	322	12.22	cps
Silver	107-1	408	558	4066	1678	123.38	cps
Sodium	23-2	42312	41184	40466	41320	2.25	cps
Strontium	86-1	1658	1667	1692	1672	1.04	cps
Strontium	88-1	1083	1450	1450	1328	15.94	cps
Sulfur	34-1	377061	377623	381904	378863	0.70	cps
Terbium	159-1	3889758	3934977	3878558	3901098	0.77	cps
Terbium	159-2	2099247	2086062	2154185	2113165	1.71	cps
Thallium	203-1	683	525	492	567	18.07	cps
Thallium	205-1	1542	1492	1375	1470	5.82	cps
Tin	118-1	483	467	483	478	2.01	cps
Titanium	47-1	908	1025	908	947	7.11	cps
Uranium	238-1	367	583	792	581	36.61	cps
Vanadium	51-2	113	120	90	108	14.62	cps
Yttrium	89-1	5244296	5268527	5290830	5267884	0.44	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:42:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	697630	705027	695478	699378	0.72	cps
Zinc	66-2	123	120	107	117	7.56	cps
Zirconium	90-1	725	750	1017	831	19.47	cps
Zirconium	91-1	133	142	167	147	11.78	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUP Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:44:50 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1358860	1367610	1361575	1362682	0.33	cps
Antimony	121-1	317	267	292	292	8.57	cps
Arsenic	75-2	11293	11193	11246	11244	0.45	cps
Barium	135-1	310555	315760	317390	314568	1.14	cps
Barium	137-1	531960	553000	543618	542860	1.94	cps
Beryllium	9-1	2178	2362	2374	2304	4.77	cps
Bismuth	209-1	2072370	2099312	2139299	2103660	1.60	cps
Bismuth	209-2	1345584	1223730	1309841	1293052	4.84	cps
Boron	10-1	2826	3158	3424	3136	9.55	cps
Boron	11-1	14975	16384	16974	16111	6.38	cps
Bromine	81-1	10835	12448	13069	12118	9.52	cps
Cadmium	111-1	2584	2485	2667	2578	3.54	cps
Cadmium	106-1	2159	2075	2267	2167	4.44	cps
Cadmium	108-1	408	371	350	376	7.85	cps
Calcium	43-1	5719404	5875082	5939297	5844594	1.93	cps
Calcium	44-1	93063133	93922258	94330671	93772021	0.69	cps
Chromium	52-2	172851	170607	171749	171736	0.65	cps
Cobalt	59-2	95380	94532	95642	95185	0.61	cps
Copper	63-2	104662	103138	103245	103682	0.82	cps
Dysprosium	156-1	79109	78329	80022	79153	1.07	cps
Dysprosium	156-2	41962	41765	42875	42201	1.40	cps
Erbium	164-1	67580	68895	69482	68652	1.42	cps
Erbium	164-2	37453	37038	36620	37037	1.12	cps
Gadolinium	160-1	77366	80602	77684	78551	2.27	cps
Gadolinium	160-2	49113	49170	50217	49500	1.26	cps
Holmium	165-1	3784609	3851178	3840432	3825406	0.93	cps
Holmium	165-2	2231700	1986300	2150624	2122875	5.89	cps
Indium	115-1	3720565	3783822	3867097	3790495	1.94	cps
Indium	115-2	716973	667394	697949	694105	3.60	cps
Iron	54-2	5951964	6084824	5938917	5991902	1.35	cps
Iron	56-2	109236414	108511989	108906814	108885072	0.33	cps
Iron	57-2	2780239	2774849	2787351	2780813	0.23	cps
Krypton	83-1	1063	997	1083	1048	4.33	cps
Lead	206-1	202677	208000	207355	206011	1.41	cps
Lead	207-1	166512	170304	170125	168980	1.27	cps
Lead	208-1	784108	796905	799353	793456	1.03	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DUP Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:44:50 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	669269	671793	677562	672874	0.63	cps
Magnesium	24-2	1710990	1691677	1707412	1703360	0.60	cps
Manganese	55-2	1022839	1036414	1035562	1031605	0.74	cps
Molybdenum	94-1	181507	184361	183905	183257	0.84	cps
Molybdenum	95-1	1617	1183	1542	1447	16.00	cps
Molybdenum	96-1	31720	32547	32998	32422	2.00	cps
Molybdenum	97-1	892	1192	750	945	23.88	cps
Molybdenum	98-1	2442	2592	2417	2484	3.81	cps
Neodymium	150-1	125769	128092	127862	127241	1.01	cps
Neodymium	150-2	53288	52696	53918	53301	1.15	cps
Nickel	60-2	76712	76491	76012	76405	0.47	cps
Phosphorus	31-2	9954	9837	9937	9909	0.64	cps
Potassium	39-2	1170030	1156176	1185899	1170702	1.27	cps
Rhodium	103-1	3755466	3723414	3714687	3731189	0.58	cps
Rhodium	103-2	2029903	1850150	2005195	1961749	4.97	cps
Scandium	45-1	2770713	2809613	2937497	2839274	3.07	cps
Scandium	45-2	106780	100732	104601	104038	2.94	cps
Selenium	82-1	318	334	367	340	7.37	cps
Selenium	77-2	277	253	257	262	4.81	cps
Selenium	78-2	203	198	217	206	4.78	cps
Silicon	28-1	1310353	1257644	1275981	1281326	2.09	cps
Silver	109-1	1525	1775	1750	1683	8.18	cps
Silver	107-1	2134	2134	2084	2117	1.36	cps
Sodium	23-2	253994	248255	254664	252304	1.40	cps
Strontium	86-1	2316953	2366750	2406175	2363293	1.89	cps
Strontium	88-1	19760194	19907465	20322278	19996645	1.46	cps
Sulfur	34-1	962550	970931	974955	969479	0.65	cps
Terbium	159-1	4004768	4054105	4155339	4071404	1.89	cps
Terbium	159-2	2169543	1989713	2104172	2087809	4.36	cps
Thallium	203-1	2867	3309	2767	2981	9.67	cps
Thallium	205-1	7019	6877	7211	7035	2.38	cps
Tin	118-1	992	1192	1133	1106	9.30	cps
Titanium	47-1	7486	8929	7577	7997	10.10	cps
Uranium	238-1	35417	37473	37239	36709	3.07	cps
Vanadium	51-2	188994	190507	190106	189869	0.41	cps
Yttrium	89-1	6582142	6677644	6739178	6666321	1.19	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUP	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	894214	842119	880710	872348	3.10	cps
Zinc	66-2	95207	95116	97375	95899	1.33	cps
Zirconium	90-1	498047	512556	510506	507036	1.55	cps
Zirconium	91-1	112325	111679	113393	112466	0.77	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MS Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:47:40 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1915130	1859504	1892084	1888906	1.48	cps
Antimony	121-1	1845033	1864162	1870147	1859781	0.71	cps
Arsenic	75-2	96230	96339	96011	96193	0.17	cps
Barium	135-1	2045311	2065843	2069689	2060281	0.64	cps
Barium	137-1	3461782	3556728	3555934	3524814	1.55	cps
Beryllium	9-1	261636	263670	268072	264460	1.24	cps
Bismuth	209-1	2031877	2047052	2050668	2043199	0.49	cps
Bismuth	209-2	1316589	1311688	1313428	1313902	0.19	cps
Boron	10-1	17551	20378	21858	19929	10.98	cps
Boron	11-1	89472	102547	111360	101127	10.89	cps
Bromine	81-1	14643	15585	17599	15942	9.47	cps
Cadmium	111-1	420264	422256	429486	424002	1.14	cps
Cadmium	106-1	45701	44380	44932	45005	1.47	cps
Cadmium	108-1	30371	30513	30542	30475	0.30	cps
Calcium	43-1	6839416	6918494	6765032	6840980	1.12	cps
Calcium	44-1	110436202	112632973	111433057	111500744	0.99	cps
Chromium	52-2	775719	766811	771194	771242	0.58	cps
Cobalt	59-2	1149413	1133928	1133895	1139079	0.79	cps
Copper	63-2	1527021	1511277	1519607	1519301	0.52	cps
Dysprosium	156-1	84944	87092	87024	86353	1.41	cps
Dysprosium	156-2	46584	47869	48330	47594	1.90	cps
Erbium	164-1	74785	75171	77073	75676	1.62	cps
Erbium	164-2	40926	41073	41668	41223	0.95	cps
Gadolinium	160-1	84014	85893	85634	85180	1.20	cps
Gadolinium	160-2	54782	53728	55211	54573	1.40	cps
Holmium	165-1	3791778	3692709	3829111	3771199	1.87	cps
Holmium	165-2	2181714	2182787	2144743	2169748	1.00	cps
Indium	115-1	3711800	3754077	3794064	3753313	1.10	cps
Indium	115-2	700317	705148	705039	703501	0.39	cps
Iron	54-2	7172746	7200052	7245747	7206181	0.51	cps
Iron	56-2	132205556	132686647	131275261	132055821	0.54	cps
Iron	57-2	3282981	3296125	3329399	3302835	0.72	cps
Krypton	83-1	1183	1133	1043	1120	6.33	cps
Lead	206-1	1113051	1134716	1135418	1127728	1.13	cps
Lead	207-1	986196	995909	1010875	997660	1.25	cps
Lead	208-1	4574079	4605688	4674272	4618013	1.11	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MS Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:47:40 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	664691	663771	671495	666652	0.63	cps
Magnesium	24-2	4499609	4532762	4463236	4498536	0.77	cps
Manganese	55-2	1702359	1730751	1700597	1711236	0.99	cps
Molybdenum	94-1	3479852	3547286	3586108	3537749	1.52	cps
Molybdenum	95-1	3964471	4031548	4125607	4040542	2.00	cps
Molybdenum	96-1	4459885	4546929	4536977	4514597	1.06	cps
Molybdenum	97-1	2445218	2466055	2517822	2476365	1.51	cps
Molybdenum	98-1	6230751	6385416	6537125	6384430	2.40	cps
Neodymium	150-1	140586	144967	142367	142640	1.54	cps
Neodymium	150-2	59565	58972	58580	59039	0.84	cps
Nickel	60-2	360601	359891	359089	359860	0.21	cps
Phosphorus	31-2	10946	10154	10613	10571	3.76	cps
Potassium	39-2	2620053	2627525	2646666	2631415	0.52	cps
Rhodium	103-1	3515696	3592661	3609770	3572709	1.40	cps
Rhodium	103-2	1968397	1939297	1959942	1955878	0.77	cps
Scandium	45-1	2733264	2820575	2764821	2772887	1.59	cps
Scandium	45-2	107068	106269	108697	107345	1.15	cps
Selenium	82-1	28407	28955	28970	28777	1.12	cps
Selenium	77-2	1317	1253	1307	1292	2.63	cps
Selenium	78-2	3885	3889	4091	3955	2.98	cps
Silicon	28-1	3301748	3572251	3283831	3385943	4.77	cps
Silver	109-1	1690209	1700050	1726906	1705722	1.11	cps
Silver	107-1	1802810	1834380	1794710	1810634	1.16	cps
Sodium	23-2	5626017	5621905	5430057	5559327	2.01	cps
Strontium	86-1	2800948	2768527	2852178	2807218	1.50	cps
Strontium	88-1	23831156	23815404	24174644	23940401	0.85	cps
Sulfur	34-1	847187	848566	844002	846585	0.28	cps
Terbium	159-1	3979547	3987487	4123248	4030094	2.00	cps
Terbium	159-2	2117924	2155044	2138642	2137203	0.87	cps
Thallium	203-1	1088600	1065134	1093730	1082488	1.41	cps
Thallium	205-1	2538813	2579317	2612146	2576759	1.43	cps
Tin	118-1	1192702	1209728	1219833	1207421	1.14	cps
Titanium	47-1	1146204	1164676	1169282	1160054	1.05	cps
Uranium	238-1	3003832	2979481	2996441	2993251	0.42	cps
Vanadium	51-2	695891	687894	696383	693389	0.69	cps
Yttrium	89-1	6728682	6786533	6772197	6762471	0.45	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MS	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:47:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	906598	906844	897440	903627	0.59	cps
Zinc	66-2	313175	314606	314865	314215	0.29	cps
Zirconium	90-1	3493229	3553936	3559041	3535402	1.04	cps
Zirconium	91-1	774797	787782	787256	783278	0.94	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSD	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656645	1619781	1667146	1647857	1.51	cps
Antimony	121-1	1925543	1958686	1950879	1945036	0.89	cps
Arsenic	75-2	98442	97360	97187	97663	0.70	cps
Barium	135-1	2032988	2077940	2035029	2048652	1.24	cps
Barium	137-1	3457288	3543249	3548367	3516301	1.46	cps
Beryllium	9-1	268651	276117	276791	273853	1.65	cps
Bismuth	209-1	2064131	2113475	2105776	2094461	1.27	cps
Bismuth	209-2	1347282	1335535	1339495	1340771	0.45	cps
Boron	10-1	19968	22365	24389	22240	9.95	cps
Boron	11-1	97816	111282	122763	110621	11.29	cps
Bromine	81-1	16046	16246	17218	16503	3.80	cps
Cadmium	111-1	429337	446042	440619	438666	1.94	cps
Cadmium	106-1	44021	46888	46931	45947	3.63	cps
Cadmium	108-1	31014	31929	32259	31734	2.03	cps
Calcium	43-1	6504970	6537091	6757341	6599800	2.08	cps
Calcium	44-1	104927427	107491844	109214002	107211091	2.01	cps
Chromium	52-2	770301	765338	773496	769712	0.53	cps
Cobalt	59-2	1161171	1150925	1161137	1157744	0.51	cps
Copper	63-2	1548807	1537817	1534957	1540527	0.47	cps
Dysprosium	156-1	83712	84274	83954	83980	0.34	cps
Dysprosium	156-2	44200	45136	43544	44293	1.81	cps
Erbium	164-1	71484	72908	73704	72699	1.55	cps
Erbium	164-2	39689	39425	39452	39522	0.37	cps
Gadolinium	160-1	79637	84106	83075	82273	2.84	cps
Gadolinium	160-2	51124	51295	51653	51357	0.53	cps
Holmium	165-1	3894145	3864332	3874659	3877712	0.39	cps
Holmium	165-2	2213748	2177902	2136577	2176076	1.77	cps
Indium	115-1	3769878	3784672	3785059	3779870	0.23	cps
Indium	115-2	712269	707898	709356	709841	0.31	cps
Iron	54-2	7179394	7186368	7239798	7201853	0.46	cps
Iron	56-2	132254439	129230728	130567547	130684238	1.16	cps
Iron	57-2	3355734	3300558	3307843	3321378	0.90	cps
Krypton	83-1	1023	1000	1090	1038	4.50	cps
Lead	206-1	1126820	1153845	1150465	1143710	1.29	cps
Lead	207-1	992107	1007605	1000360	1000024	0.78	cps
Lead	208-1	4599036	4657875	4680823	4645912	0.91	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSD	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	680785	685972	677621	681459	0.62	cps
Magnesium	24-2	4387619	4423199	4372318	4394379	0.59	cps
Manganese	55-2	1601060	1605814	1604378	1603751	0.15	cps
Molybdenum	94-1	3525604	3668063	3613688	3602452	2.00	cps
Molybdenum	95-1	4041491	4201544	4212120	4151718	2.30	cps
Molybdenum	96-1	4568573	4629194	4685411	4627726	1.26	cps
Molybdenum	97-1	2490272	2551574	2551527	2531124	1.40	cps
Molybdenum	98-1	6369202	6594509	6541715	6501809	1.81	cps
Neodymium	150-1	135329	137025	136997	136450	0.71	cps
Neodymium	150-2	55253	56274	56843	56123	1.44	cps
Nickel	60-2	366934	363622	366555	365704	0.50	cps
Phosphorus	31-2	10654	10062	9478	10065	5.84	cps
Potassium	39-2	2542066	2564991	2557506	2554854	0.46	cps
Rhodium	103-1	3622942	3698890	3648236	3656690	1.06	cps
Rhodium	103-2	1984547	1994809	1972623	1983993	0.56	cps
Scandium	45-1	2824590	2794308	2812313	2810404	0.54	cps
Scandium	45-2	107821	106891	107546	107419	0.44	cps
Selenium	82-1	29558	30194	30137	29963	1.17	cps
Selenium	77-2	1353	1307	1410	1357	3.81	cps
Selenium	78-2	4032	4017	3924	3991	1.47	cps
Silicon	28-1	2596292	2594291	2498028	2562870	2.19	cps
Silver	109-1	1802187	1804655	1812308	1806384	0.29	cps
Silver	107-1	1839144	1865032	1853775	1852650	0.70	cps
Sodium	23-2	5423831	5391938	5348876	5388215	0.70	cps
Strontium	86-1	2881735	2977599	2987216	2948850	1.98	cps
Strontium	88-1	24356202	25092283	25468587	24972357	2.27	cps
Sulfur	34-1	933640	960602	950303	948182	1.43	cps
Terbium	159-1	4022347	4148644	4071650	4080880	1.56	cps
Terbium	159-2	2176721	2170173	2151903	2166266	0.59	cps
Thallium	203-1	1111829	1137955	1124725	1124836	1.16	cps
Thallium	205-1	2628218	2706545	2690102	2674955	1.54	cps
Tin	118-1	1206336	1224442	1226284	1219020	0.90	cps
Titanium	47-1	1161575	1174304	1182201	1172693	0.89	cps
Uranium	238-1	3086366	3121540	3182972	3130293	1.56	cps
Vanadium	51-2	686073	691788	690043	689301	0.42	cps
Yttrium	89-1	6687507	6734673	6843831	6755337	1.19	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSD	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	899984	905550	894978	900171	0.59	cps
Zinc	66-2	304628	300458	302785	302624	0.69	cps
Zirconium	90-1	3519487	3582380	3608194	3570020	1.28	cps
Zirconium	91-1	776485	799021	798822	791443	1.64	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06A Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207A Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 13:53:18 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1466321	1464356	1460399	1463692	0.21	cps
Antimony	121-1	2016638	2034753	2054194	2035195	0.92	cps
Arsenic	75-2	99533	97884	97845	98421	0.98	cps
Barium	135-1	2089504	2096612	2139333	2108483	1.28	cps
Barium	137-1	3528452	3551289	3546424	3542055	0.34	cps
Beryllium	9-1	280487	285001	282927	282805	0.80	cps
Bismuth	209-1	2176664	2173900	2175721	2175428	0.06	cps
Bismuth	209-2	1380778	1393961	1378283	1384340	0.61	cps
Boron	10-1	20352	23123	23993	22489	8.45	cps
Boron	11-1	103518	118136	122984	114879	8.82	cps
Bromine	81-1	13530	15374	16086	14997	8.79	cps
Cadmium	111-1	448569	459078	455378	454342	1.17	cps
Cadmium	106-1	47031	46964	49255	47750	2.73	cps
Cadmium	108-1	33211	32584	32918	32905	0.95	cps
Calcium	43-1	5776187	5884676	5843796	5834886	0.94	cps
Calcium	44-1	94611106	95143546	94367415	94707356	0.42	cps
Chromium	52-2	777690	764491	764473	768885	0.99	cps
Cobalt	59-2	1190647	1169851	1171752	1177416	0.98	cps
Copper	63-2	1589806	1567763	1533360	1563643	1.82	cps
Dysprosium	156-1	73511	77608	76007	75709	2.73	cps
Dysprosium	156-2	40431	40645	39869	40315	0.99	cps
Erbium	164-1	64867	66198	66190	65752	1.17	cps
Erbium	164-2	35186	35534	34762	35161	1.10	cps
Gadolinium	160-1	72765	76670	74207	74547	2.65	cps
Gadolinium	160-2	47130	46912	46835	46959	0.33	cps
Holmium	165-1	3976624	4031384	3996040	4001349	0.69	cps
Holmium	165-2	2264237	2231151	2229720	2241703	0.87	cps
Indium	115-1	3882834	4001139	3945453	3943142	1.50	cps
Indium	115-2	735594	729335	730675	731868	0.45	cps
Iron	54-2	6919295	6751923	6834910	6835376	1.22	cps
Iron	56-2	124963364	124986500	122529003	124159622	1.14	cps
Iron	57-2	3188655	3183172	3156915	3176247	0.53	cps
Krypton	83-1	1047	1047	1023	1039	1.30	cps
Lead	206-1	1139595	1146254	1156004	1147285	0.72	cps
Lead	207-1	1001312	1020332	1020867	1014171	1.10	cps
Lead	208-1	4624331	4696556	4710688	4677192	0.99	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06A	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207A	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:53:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	699271	703813	698965	700683	0.39	cps
Magnesium	24-2	4378433	4273315	4321721	4324490	1.22	cps
Manganese	55-2	1502321	1506756	1474469	1494515	1.17	cps
Molybdenum	94-1	3720637	3783974	3721499	3742036	0.97	cps
Molybdenum	95-1	4172706	4371184	4305391	4283094	2.36	cps
Molybdenum	96-1	4632250	4862462	4887523	4794078	2.94	cps
Molybdenum	97-1	2589403	2655107	2712704	2652405	2.33	cps
Molybdenum	98-1	6755818	6830599	6865205	6817207	0.82	cps
Neodymium	150-1	121174	122547	121867	121863	0.56	cps
Neodymium	150-2	50307	50260	50598	50389	0.36	cps
Nickel	60-2	371786	369281	369337	370135	0.39	cps
Phosphorus	31-2	9111	8661	9353	9042	3.88	cps
Potassium	39-2	2455433	2450075	2451497	2452335	0.11	cps
Rhodium	103-1	3809581	3777135	3756893	3781203	0.70	cps
Rhodium	103-2	2024139	2017488	2051511	2031046	0.89	cps
Scandium	45-1	2843376	2887593	2865176	2865382	0.77	cps
Scandium	45-2	110423	110296	110111	110277	0.14	cps
Selenium	82-1	31121	30941	31242	31101	0.49	cps
Selenium	77-2	1310	1513	1293	1372	8.93	cps
Selenium	78-2	4047	4042	4175	4088	1.84	cps
Silicon	28-1	1908406	2129650	2097613	2045223	5.85	cps
Silver	109-1	1869712	1873831	1852810	1865451	0.60	cps
Silver	107-1	1912256	1953650	1921926	1929277	1.12	cps
Sodium	23-2	5592758	5574148	5588447	5585117	0.17	cps
Strontium	86-1	2744887	2821535	2854680	2807034	2.01	cps
Strontium	88-1	23978885	24151301	23958515	24029567	0.44	cps
Sulfur	34-1	921308	927752	933017	927359	0.63	cps
Terbium	159-1	4149117	4219785	4220959	4196620	0.98	cps
Terbium	159-2	2263407	2236550	2242429	2247462	0.63	cps
Thallium	203-1	1153536	1178155	1173281	1168324	1.12	cps
Thallium	205-1	2790105	2785592	2749786	2775161	0.80	cps
Tin	118-1	1262158	1297456	1299920	1286511	1.64	cps
Titanium	47-1	1175323	1211683	1206706	1197904	1.65	cps
Uranium	238-1	3232056	3277273	3299009	3269446	1.04	cps
Vanadium	51-2	688381	673326	673637	678448	1.27	cps
Yttrium	89-1	6756565	6774458	6777334	6769452	0.17	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06A	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207A	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:53:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	901752	889217	900115	897028	0.76	cps
Zinc	66-2	284815	282829	279923	282522	0.87	cps
Zirconium	90-1	3592085	3607017	3592925	3597342	0.23	cps
Zirconium	91-1	798151	807614	805264	803676	0.61	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2171581	2162205	2135933	2156573	0.86	cps
Antimony	121-1	1717	1450	1708	1625	9.33	cps
Arsenic	75-2	7926	7909	7772	7869	1.07	cps
Barium	135-1	420823	434483	435569	430292	1.91	cps
Barium	137-1	730329	745514	745560	740468	1.19	cps
Beryllium	9-1	3296	3158	3354	3269	3.08	cps
Bismuth	209-1	2032504	1971471	2029430	2011135	1.71	cps
Bismuth	209-2	1284215	1304745	1288415	1292458	0.84	cps
Boron	10-1	7781	8091	7979	7950	1.98	cps
Boron	11-1	39240	40168	41017	40142	2.21	cps
Bromine	81-1	18211	20195	20496	19634	6.32	cps
Cadmium	111-1	3573	3728	3760	3687	2.72	cps
Cadmium	106-1	2300	2400	2434	2378	2.92	cps
Cadmium	108-1	458	463	508	476	5.82	cps
Calcium	43-1	8245549	8401570	8509909	8385676	1.58	cps
Calcium	44-1	134903603	137146149	136725532	136258428	0.87	cps
Chromium	52-2	170014	170376	169047	169812	0.40	cps
Cobalt	59-2	91542	91625	91552	91573	0.05	cps
Copper	63-2	121841	122483	121555	121960	0.39	cps
Dysprosium	156-1	75757	76552	76695	76335	0.66	cps
Dysprosium	156-2	41207	41678	40749	41211	1.13	cps
Erbium	164-1	63996	65394	65888	65093	1.51	cps
Erbium	164-2	35511	36390	35568	35823	1.37	cps
Gadolinium	160-1	75103	73494	74090	74229	1.10	cps
Gadolinium	160-2	46721	46899	47394	47005	0.74	cps
Holmium	165-1	3722453	3680027	3783649	3728710	1.40	cps
Holmium	165-2	2105405	2149615	2090768	2115263	1.45	cps
Indium	115-1	3644445	3687126	3700020	3677197	0.79	cps
Indium	115-2	692534	700740	682200	691824	1.34	cps
Iron	54-2	5681894	5688898	5676892	5682561	0.11	cps
Iron	56-2	102937797	103570019	103007486	103171767	0.34	cps
Iron	57-2	2604183	2672221	2658669	2645024	1.36	cps
Krypton	83-1	1007	1090	1070	1056	4.12	cps
Lead	206-1	210125	217200	221967	216431	2.75	cps
Lead	207-1	174343	176481	178513	176446	1.18	cps
Lead	208-1	809773	832397	838380	826850	1.82	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	663020	665995	679739	669585	1.33	cps
Magnesium	24-2	1809646	1775750	1783400	1789599	0.99	cps
Manganese	55-2	1992058	2017969	2040886	2016971	1.21	cps
Molybdenum	94-1	194939	196695	196431	196022	0.48	cps
Molybdenum	95-1	4292	4317	4159	4256	2.00	cps
Molybdenum	96-1	34109	35763	37694	35855	5.00	cps
Molybdenum	97-1	2550	2517	2550	2539	0.76	cps
Molybdenum	98-1	6202	6327	6752	6427	4.49	cps
Neodymium	150-1	123959	126187	127721	125955	1.50	cps
Neodymium	150-2	52198	52288	52231	52239	0.09	cps
Nickel	60-2	62232	62075	61214	61840	0.89	cps
Phosphorus	31-2	9678	10304	10571	10184	4.50	cps
Potassium	39-2	1570919	1614320	1570629	1585289	1.59	cps
Rhodium	103-1	3451575	3587379	3545961	3528305	1.97	cps
Rhodium	103-2	1941960	1979861	1919284	1947035	1.57	cps
Scandium	45-1	2628072	2655682	2710231	2664661	1.57	cps
Scandium	45-2	101384	102465	103644	102498	1.10	cps
Selenium	82-1	274	280	283	279	1.76	cps
Selenium	77-2	317	273	267	286	9.51	cps
Selenium	78-2	198	218	179	198	9.83	cps
Silicon	28-1	3958618	4101843	4159903	4073454	2.54	cps
Silver	109-1	2859	2850	2617	2775	4.94	cps
Silver	107-1	2984	3342	3342	3223	6.42	cps
Sodium	23-2	477494	480992	475273	477920	0.60	cps
Strontium	86-1	1372138	1406122	1409434	1395898	1.48	cps
Strontium	88-1	11730953	11820102	11896884	11815980	0.70	cps
Sulfur	34-1	443151	446306	448788	446082	0.63	cps
Terbium	159-1	3949629	3937571	3919956	3935719	0.38	cps
Terbium	159-2	2104549	2136647	2102852	2114683	0.90	cps
Thallium	203-1	5926	5960	6227	6038	2.72	cps
Thallium	205-1	13824	14041	14584	14150	2.76	cps
Tin	118-1	6777	6844	7052	6891	2.08	cps
Titanium	47-1	61453	59916	58680	60016	2.31	cps
Uranium	238-1	36461	37899	36703	37021	2.08	cps
Vanadium	51-2	200400	201340	201205	200982	0.25	cps
Yttrium	89-1	6297723	6433342	6409569	6380211	1.14	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 13:56:06	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	865139	876646	860445	867410	0.96	cps
Zinc	66-2	109062	109754	106039	108285	1.82	cps
Zirconium	90-1	510791	541160	535228	529060	3.04	cps
Zirconium	91-1	115829	120225	119998	118684	2.09	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-01DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-NW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 13:58:57 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575758	571045	572653	573152	0.42	cps
Antimony	121-1	408	400	383	397	3.20	cps
Arsenic	75-2	2504	2468	2506	2493	0.86	cps
Barium	135-1	104780	107584	109289	107218	2.12	cps
Barium	137-1	187310	183601	186360	185757	1.04	cps
Beryllium	9-1	1106	1086	1060	1084	2.13	cps
Bismuth	209-1	2262842	2287902	2254351	2268365	0.77	cps
Bismuth	209-2	1432154	1433330	1447135	1437540	0.58	cps
Boron	10-1	3324	3420	3396	3380	1.48	cps
Boron	11-1	17050	17026	17151	17076	0.39	cps
Bromine	81-1	10034	10956	11336	10775	6.21	cps
Cadmium	111-1	1796	1497	1451	1581	11.86	cps
Cadmium	106-1	1567	1500	1408	1492	5.33	cps
Cadmium	108-1	138	129	133	133	3.12	cps
Calcium	43-1	2435461	2531579	2484868	2483969	1.94	cps
Calcium	44-1	38937789	40121692	39988155	39682545	1.63	cps
Chromium	52-2	53510	53215	53727	53484	0.48	cps
Cobalt	59-2	25977	25650	25129	25585	1.67	cps
Copper	63-2	31441	32648	32247	32112	1.91	cps
Dysprosium	156-1	28097	28547	28623	28422	1.00	cps
Dysprosium	156-2	14818	14605	14835	14753	0.87	cps
Erbium	164-1	24223	24189	24606	24339	0.95	cps
Erbium	164-2	13427	12853	12783	13021	2.71	cps
Gadolinium	160-1	26435	27103	26919	26819	1.29	cps
Gadolinium	160-2	16974	16307	16941	16741	2.25	cps
Holmium	165-1	4042514	4030162	4106815	4059830	1.01	cps
Holmium	165-2	2331723	2297707	2344196	2324542	1.04	cps
Indium	115-1	4038924	4059661	4052917	4050501	0.26	cps
Indium	115-2	751974	756516	766436	758309	0.98	cps
Iron	54-2	1748805	1753908	1798762	1767158	1.56	cps
Iron	56-2	32217345	32079071	31579061	31958492	1.05	cps
Iron	57-2	799396	784186	780710	788097	1.26	cps
Krypton	83-1	823	967	980	923	9.41	cps
Lead	206-1	67235	67262	69340	67946	1.78	cps
Lead	207-1	55128	55508	56551	55729	1.32	cps
Lead	208-1	257124	260203	263386	260238	1.20	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:58:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	726485	732113	727563	728721	0.41	cps
Magnesium	24-2	479878	474221	475037	476379	0.64	cps
Manganese	55-2	405079	407738	403662	405493	0.51	cps
Molybdenum	94-1	57946	59269	57185	58133	1.81	cps
Molybdenum	95-1	1300	1167	1042	1170	11.05	cps
Molybdenum	96-1	10988	10421	10779	10729	2.67	cps
Molybdenum	97-1	642	650	717	669	6.14	cps
Molybdenum	98-1	1500	1667	1567	1578	5.32	cps
Neodymium	150-1	45103	45644	45511	45419	0.62	cps
Neodymium	150-2	18212	18586	18746	18515	1.48	cps
Nickel	60-2	18412	18542	17895	18283	1.87	cps
Phosphorus	31-2	3892	3801	3426	3706	6.67	cps
Potassium	39-2	431813	426927	431147	429962	0.62	cps
Rhodium	103-1	3914268	3947338	3937857	3933154	0.43	cps
Rhodium	103-2	2170528	2141904	2173919	2162117	0.81	cps
Scandium	45-1	2781030	2779920	2814354	2791768	0.70	cps
Scandium	45-2	105483	105144	106488	105705	0.66	cps
Selenium	82-1	251	38	85	125	89.39	cps
Selenium	77-2	93	77	107	92	16.30	cps
Selenium	78-2	112	116	122	117	4.31	cps
Silicon	28-1	852835	880550	947692	893692	5.46	cps
Silver	109-1	1834	1775	1984	1864	5.77	cps
Silver	107-1	1917	1800	2192	1970	10.21	cps
Sodium	23-2	83480	82810	83364	83218	0.43	cps
Strontium	86-1	383235	381583	383797	382872	0.30	cps
Strontium	88-1	3292749	3331243	3286186	3303392	0.74	cps
Sulfur	34-1	395002	393149	397474	395208	0.55	cps
Terbium	159-1	4270840	4321159	4335601	4309200	0.79	cps
Terbium	159-2	2288454	2278025	2296591	2287690	0.41	cps
Thallium	203-1	1175	1083	1242	1167	6.81	cps
Thallium	205-1	2667	2884	3017	2856	6.19	cps
Tin	118-1	983	942	917	947	3.56	cps
Titanium	47-1	5843	5685	5627	5718	1.96	cps
Uranium	238-1	11906	11773	11939	11873	0.74	cps
Vanadium	51-2	58626	58522	58573	58574	0.09	cps
Yttrium	89-1	6140419	6243144	6211642	6198402	0.85	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 13:58:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	817374	824242	816026	819214	0.54	cps
Zinc	66-2	21566	21293	21436	21432	0.64	cps
Zirconium	90-1	160660	164108	159783	161517	1.42	cps
Zirconium	91-1	35137	36651	35796	35861	2.12	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-02DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-EW-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:01:45 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	244522	247304	244026	245284	0.72	cps
Antimony	121-1	167	200	192	186	9.32	cps
Arsenic	75-2	1872	1877	1936	1895	1.88	cps
Barium	135-1	67134	70726	71506	69788	3.34	cps
Barium	137-1	116137	120400	122687	119741	2.78	cps
Beryllium	9-1	454	530	470	485	8.27	cps
Bismuth	209-1	2193005	2302461	2255633	2250366	2.44	cps
Bismuth	209-2	1458899	1459138	1459360	1459132	0.02	cps
Boron	10-1	2716	2824	2736	2758	2.08	cps
Boron	11-1	13167	13568	13970	13568	2.96	cps
Bromine	81-1	6648	6458	7129	6745	5.13	cps
Cadmium	111-1	1370	1625	1495	1496	8.51	cps
Cadmium	106-1	1242	1342	1308	1297	3.93	cps
Cadmium	108-1	100	104	138	114	18.05	cps
Calcium	43-1	916212	972106	951631	946650	2.99	cps
Calcium	44-1	14858485	15489347	15496090	15281307	2.40	cps
Chromium	52-2	41156	41500	41273	41310	0.42	cps
Cobalt	59-2	37342	36664	37045	37017	0.92	cps
Copper	63-2	27306	27283	27300	27296	0.04	cps
Dysprosium	156-1	19131	20458	21134	20241	5.03	cps
Dysprosium	156-2	10985	10971	11081	11012	0.55	cps
Erbium	164-1	16452	17520	17579	17184	3.69	cps
Erbium	164-2	9373	9020	9257	9217	1.95	cps
Gadolinium	160-1	19490	19832	19765	19696	0.92	cps
Gadolinium	160-2	12322	12813	12136	12424	2.82	cps
Holmium	165-1	3886068	4165290	4062994	4038117	3.50	cps
Holmium	165-2	2323807	2325092	2295021	2314640	0.73	cps
Indium	115-1	3993928	4073451	4146503	4071294	1.87	cps
Indium	115-2	759714	765298	777027	767346	1.15	cps
Iron	54-2	983767	985750	981767	983761	0.20	cps
Iron	56-2	18571065	18072102	18074273	18239147	1.58	cps
Iron	57-2	453406	453295	445393	450698	1.02	cps
Krypton	83-1	960	870	957	929	5.49	cps
Lead	206-1	45335	46935	47961	46744	2.83	cps
Lead	207-1	37521	39148	38195	38288	2.14	cps
Lead	208-1	176704	181353	181505	179854	1.52	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:01:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	714218	732369	735536	727374	1.58	cps
Magnesium	24-2	331379	330419	331737	331178	0.21	cps
Manganese	55-2	186506	181345	182569	183473	1.47	cps
Molybdenum	94-1	37267	43629	39858	40251	7.95	cps
Molybdenum	95-1	392	425	358	392	8.51	cps
Molybdenum	96-1	6935	7336	7060	7110	2.88	cps
Molybdenum	97-1	275	242	217	244	11.97	cps
Molybdenum	98-1	508	633	550	564	11.29	cps
Neodymium	150-1	31090	33462	32399	32317	3.68	cps
Neodymium	150-2	13233	13173	13190	13199	0.23	cps
Nickel	60-2	21086	21380	21039	21168	0.87	cps
Phosphorus	31-2	2184	2434	2334	2317	5.43	cps
Potassium	39-2	276867	277416	275576	276620	0.34	cps
Rhodium	103-1	3866140	4045578	4013001	3974907	2.40	cps
Rhodium	103-2	2178483	2170208	2210211	2186301	0.97	cps
Scandium	45-1	2712327	2765629	2851487	2776481	2.53	cps
Scandium	45-2	107317	106407	107703	107142	0.62	cps
Selenium	82-1	160	235	168	188	21.99	cps
Selenium	77-2	70	63	80	71	11.80	cps
Selenium	78-2	113	106	126	115	8.82	cps
Silicon	28-1	1153436	2132778	2301229	1862481	33.28	cps
Silver	109-1	683	758	850	764	10.93	cps
Silver	107-1	575	750	833	719	18.33	cps
Sodium	23-2	79165	79952	77774	78964	1.40	cps
Strontium	86-1	842846	860923	874654	859474	1.86	cps
Strontium	88-1	7096720	7396748	7483985	7325818	2.77	cps
Sulfur	34-1	441625	447290	443280	444065	0.66	cps
Terbium	159-1	4249107	4387708	4319967	4318927	1.60	cps
Terbium	159-2	2321073	2234940	2354515	2303509	2.68	cps
Thallium	203-1	1233	1067	1142	1147	7.28	cps
Thallium	205-1	2809	2884	3067	2920	4.55	cps
Tin	118-1	833	758	767	786	5.23	cps
Titanium	47-1	9938	5746	12814	9499	37.42	cps
Uranium	238-1	9420	9145	9370	9312	1.57	cps
Vanadium	51-2	47736	47696	48713	48048	1.20	cps
Yttrium	89-1	5857328	6014980	6077225	5983178	1.89	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-EW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:01:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	786969	805053	789780	793934	1.23	cps
Zinc	66-2	21313	21099	21523	21312	0.99	cps
Zirconium	90-1	106743	108782	108052	107859	0.96	cps
Zirconium	91-1	23254	24814	24956	24341	3.88	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:04:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281744	284472	278868	281694	0.99	cps
Antimony	121-1	175	117	158	150	20.03	cps
Arsenic	75-2	2428	2460	2385	2425	1.55	cps
Barium	135-1	119887	120652	123274	121271	1.46	cps
Barium	137-1	204835	209369	209410	207871	1.27	cps
Beryllium	9-1	604	576	594	591	2.40	cps
Bismuth	209-1	2292875	2294491	2316110	2301159	0.56	cps
Bismuth	209-2	1467173	1463746	1438382	1456433	1.08	cps
Boron	10-1	2046	2062	2012	2040	1.25	cps
Boron	11-1	10188	10346	10374	10302	0.97	cps
Bromine	81-1	6058	6638	6688	6461	5.43	cps
Cadmium	111-1	1235	1223	1250	1236	1.12	cps
Cadmium	106-1	1358	1250	1500	1370	9.16	cps
Cadmium	108-1	113	75	83	90	21.81	cps
Calcium	43-1	1775279	1759712	1802509	1779166	1.22	cps
Calcium	44-1	28532164	28068790	29468484	28689813	2.49	cps
Chromium	52-2	51998	51757	51392	51715	0.59	cps
Cobalt	59-2	24237	23947	23530	23905	1.49	cps
Copper	63-2	23276	23747	23663	23562	1.07	cps
Dysprosium	156-1	21443	21585	21660	21562	0.51	cps
Dysprosium	156-2	11432	11008	11195	11211	1.89	cps
Erbium	164-1	18171	17645	18639	18152	2.74	cps
Erbium	164-2	10234	10097	9907	10079	1.63	cps
Gadolinium	160-1	21242	21167	21968	21459	2.06	cps
Gadolinium	160-2	13467	12996	13203	13222	1.78	cps
Holmium	165-1	4110950	4108821	4122411	4114061	0.18	cps
Holmium	165-2	2386447	2321066	2323665	2343726	1.58	cps
Indium	115-1	4135545	4104375	4134384	4124768	0.43	cps
Indium	115-2	764602	763730	766854	765062	0.21	cps
Iron	54-2	2047612	1997055	1985494	2010054	1.64	cps
Iron	56-2	36932838	36328298	36167544	36476227	1.11	cps
Iron	57-2	902400	890983	896415	896599	0.64	cps
Krypton	83-1	977	1040	963	993	4.12	cps
Lead	206-1	43183	42910	43127	43073	0.34	cps
Lead	207-1	35176	35415	35382	35324	0.37	cps
Lead	208-1	167384	166277	167519	167060	0.41	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:04:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	730242	722787	727944	726991	0.53	cps
Magnesium	24-2	421430	417550	419866	419615	0.47	cps
Manganese	55-2	241698	240763	234924	239128	1.54	cps
Molybdenum	94-1	40084	40142	40042	40089	0.13	cps
Molybdenum	95-1	500	558	650	569	13.28	cps
Molybdenum	96-1	7794	7319	7127	7413	4.63	cps
Molybdenum	97-1	333	308	300	314	5.53	cps
Molybdenum	98-1	908	867	792	856	6.91	cps
Neodymium	150-1	33141	34110	34150	33801	1.69	cps
Neodymium	150-2	13884	13911	14455	14083	2.29	cps
Nickel	60-2	20411	20254	20552	20406	0.73	cps
Phosphorus	31-2	3275	3459	3692	3476	6.01	cps
Potassium	39-2	245681	241431	244811	243974	0.92	cps
Rhodium	103-1	4092837	4058996	4015855	4055896	0.95	cps
Rhodium	103-2	2155725	2191846	2193628	2180400	0.98	cps
Scandium	45-1	2801570	2830523	2857503	2829865	0.99	cps
Scandium	45-2	108956	107209	107505	107890	0.87	cps
Selenium	82-1	62	9	82	51	73.56	cps
Selenium	77-2	70	73	63	69	7.39	cps
Selenium	78-2	100	109	107	105	4.49	cps
Silicon	28-1	755781	749440	759727	754983	0.69	cps
Silver	109-1	458	525	575	519	11.27	cps
Silver	107-1	742	742	800	761	4.43	cps
Sodium	23-2	79165	79399	80153	79573	0.65	cps
Strontium	86-1	667777	671447	672549	670591	0.37	cps
Strontium	88-1	5696326	5785634	5850665	5777542	1.34	cps
Sulfur	34-1	405885	406560	403510	405319	0.40	cps
Terbium	159-1	4354424	4300232	4400730	4351795	1.16	cps
Terbium	159-2	2330628	2280911	2302138	2304559	1.08	cps
Thallium	203-1	733	617	800	717	12.95	cps
Thallium	205-1	1550	1675	1600	1608	3.91	cps
Tin	118-1	567	717	658	647	11.68	cps
Titanium	47-1	2384	2184	2284	2284	4.38	cps
Uranium	238-1	10046	10505	11030	10527	4.68	cps
Vanadium	51-2	61887	62151	60611	61550	1.34	cps
Yttrium	89-1	6053121	6122811	6115334	6097089	0.63	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SW-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:04:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	809580	806065	824550	813399	1.21	cps
Zinc	66-2	24662	24748	24775	24728	0.24	cps
Zirconium	90-1	109999	109520	113671	111063	2.04	cps
Zirconium	91-1	24672	25691	24606	24990	2.43	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-WW-200207DI Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:07:25 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300339	294971	295792	297034	0.97	cps
Antimony	121-1	258	125	100	161	52.83	cps
Arsenic	75-2	2365	2269	2409	2348	3.05	cps
Barium	135-1	93867	92406	94253	93509	1.04	cps
Barium	137-1	162487	156203	158268	158986	2.01	cps
Beryllium	9-1	580	662	616	619	6.64	cps
Bismuth	209-1	2219287	2232721	2234239	2228749	0.37	cps
Bismuth	209-2	1451669	1427902	1293563	1391045	6.13	cps
Boron	10-1	1782	1718	1830	1776	3.16	cps
Boron	11-1	8803	8961	9005	8923	1.19	cps
Bromine	81-1	6098	6258	6458	6271	2.88	cps
Cadmium	111-1	1248	1324	1271	1281	3.03	cps
Cadmium	106-1	1358	1383	1342	1361	1.54	cps
Cadmium	108-1	117	75	121	104	24.33	cps
Calcium	43-1	1867738	1851012	1871897	1863549	0.59	cps
Calcium	44-1	30191887	30599325	30265044	30352085	0.72	cps
Chromium	52-2	47388	46940	45806	46712	1.75	cps
Cobalt	59-2	19226	20268	19947	19814	2.69	cps
Copper	63-2	25172	25212	25503	25296	0.71	cps
Dysprosium	156-1	20900	22110	22411	21807	3.67	cps
Dysprosium	156-2	11418	11372	11055	11282	1.75	cps
Erbium	164-1	18772	18163	18405	18446	1.66	cps
Erbium	164-2	9934	9757	9804	9831	0.93	cps
Gadolinium	160-1	21384	21167	20683	21078	1.70	cps
Gadolinium	160-2	13263	12983	13233	13160	1.17	cps
Holmium	165-1	4022853	4062453	4017061	4034122	0.61	cps
Holmium	165-2	2322811	2308596	2057611	2229673	6.69	cps
Indium	115-1	4096752	4042949	4054399	4064700	0.70	cps
Indium	115-2	767035	753068	684482	734862	6.01	cps
Iron	54-2	1602253	1631774	1631902	1621976	1.05	cps
Iron	56-2	28929005	29403472	28993275	29108584	0.88	cps
Iron	57-2	699755	718645	716025	711475	1.44	cps
Krypton	83-1	1013	963	867	948	7.87	cps
Lead	206-1	46472	46110	46177	46253	0.42	cps
Lead	207-1	37343	38156	38078	37859	1.19	cps
Lead	208-1	175348	176839	177046	176411	0.53	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-WW-200207DI Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:07:25 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	710337	716058	711015	712470	0.44	cps
Magnesium	24-2	493819	480822	480710	485117	1.55	cps
Manganese	55-2	215845	215106	216428	215793	0.31	cps
Molybdenum	94-1	42365	42006	41964	42112	0.52	cps
Molybdenum	95-1	558	433	550	514	13.60	cps
Molybdenum	96-1	7436	7552	7410	7466	1.01	cps
Molybdenum	97-1	283	317	217	272	18.70	cps
Molybdenum	98-1	817	850	817	828	2.32	cps
Neodymium	150-1	34826	34658	33736	34407	1.71	cps
Neodymium	150-2	14094	13871	14128	14031	1.00	cps
Nickel	60-2	16780	16994	16890	16888	0.63	cps
Phosphorus	31-2	3092	3350	3234	3225	4.01	cps
Potassium	39-2	272233	273288	275088	273536	0.53	cps
Rhodium	103-1	3977455	4012935	3960969	3983786	0.67	cps
Rhodium	103-2	2172198	2169924	2007040	2116387	4.47	cps
Scandium	45-1	2792115	2805448	2794431	2797331	0.25	cps
Scandium	45-2	106964	106971	95601	103179	6.36	cps
Selenium	82-1	30	54	172	85	89.08	cps
Selenium	77-2	50	67	67	61	15.75	cps
Selenium	78-2	97	104	115	105	8.61	cps
Silicon	28-1	900156	762379	770444	810993	9.53	cps
Silver	109-1	667	742	667	692	6.26	cps
Silver	107-1	708	783	875	789	10.58	cps
Sodium	23-2	102661	103600	103289	103183	0.46	cps
Strontium	86-1	662830	669951	665236	666006	0.54	cps
Strontium	88-1	5544011	5712015	5615242	5623756	1.50	cps
Sulfur	34-1	515197	512815	513420	513810	0.24	cps
Terbium	159-1	4354705	4238766	4346152	4313208	1.50	cps
Terbium	159-2	2299898	2287160	2071711	2219590	5.78	cps
Thallium	203-1	767	742	733	747	2.32	cps
Thallium	205-1	1675	1625	1792	1697	5.04	cps
Tin	118-1	608	608	575	597	3.22	cps
Titanium	47-1	2434	2917	2125	2492	16.02	cps
Uranium	238-1	11789	11706	12831	12109	5.18	cps
Vanadium	51-2	52315	52105	51726	52049	0.57	cps
Yttrium	89-1	6047320	6073068	6035149	6051846	0.32	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-WW-200207DI	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:07:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	789477	802028	737478	776328	4.41	cps
Zinc	66-2	20859	21193	20371	20808	1.98	cps
Zirconium	90-1	114611	116728	117862	116400	1.42	cps
Zirconium	91-1	25340	26133	25340	25605	1.79	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:10:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299854	304804	298762	301140	1.07	cps
Antimony	121-1	133	158	92	128	26.36	cps
Arsenic	75-2	1910	1894	1959	1921	1.76	cps
Barium	135-1	73164	74723	77019	74969	2.59	cps
Barium	137-1	127093	127061	128333	127496	0.57	cps
Beryllium	9-1	592	560	502	551	8.28	cps
Bismuth	209-1	2260636	2253968	2278480	2264361	0.56	cps
Bismuth	209-2	1441395	1436191	1451895	1443160	0.55	cps
Boron	10-1	1368	1460	1520	1449	5.28	cps
Boron	11-1	7136	7232	7544	7304	2.92	cps
Bromine	81-1	5637	5567	6278	5827	6.72	cps
Cadmium	111-1	979	1177	1287	1148	13.60	cps
Cadmium	106-1	1108	1350	1533	1331	16.02	cps
Cadmium	108-1	79	121	100	100	20.83	cps
Calcium	43-1	1341496	1323339	1351607	1338814	1.07	cps
Calcium	44-1	21342268	21584433	21609754	21512152	0.69	cps
Chromium	52-2	44609	43245	44536	44130	1.74	cps
Cobalt	59-2	24067	23800	24231	24033	0.90	cps
Copper	63-2	24838	24565	24802	24735	0.60	cps
Dysprosium	156-1	18897	18730	19481	19036	2.07	cps
Dysprosium	156-2	10151	10000	10344	10165	1.69	cps
Erbium	164-1	15735	15301	17095	16043	5.83	cps
Erbium	164-2	8546	8903	8676	8708	2.07	cps
Gadolinium	160-1	18488	19106	18680	18758	1.69	cps
Gadolinium	160-2	11919	11598	11158	11558	3.30	cps
Holmium	165-1	4165831	3998849	4116706	4093796	2.10	cps
Holmium	165-2	2321394	2349622	2347580	2339532	0.67	cps
Indium	115-1	4103285	3986784	4133603	4074557	1.90	cps
Indium	115-2	761331	776295	771095	769574	0.99	cps
Iron	54-2	1249135	1256645	1236967	1247582	0.80	cps
Iron	56-2	23664932	23445656	22603469	23238019	2.41	cps
Iron	57-2	576622	566894	567535	570350	0.95	cps
Krypton	83-1	977	940	853	923	6.86	cps
Lead	206-1	45034	45658	45313	45335	0.69	cps
Lead	207-1	36891	37192	37488	37190	0.80	cps
Lead	208-1	175270	173582	177539	175464	1.13	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:10:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	720115	707243	723761	717040	1.21	cps
Magnesium	24-2	289890	298448	284364	290901	2.44	cps
Manganese	55-2	268359	266564	262762	265895	1.07	cps
Molybdenum	94-1	38563	38019	39381	38654	1.77	cps
Molybdenum	95-1	492	450	633	525	18.31	cps
Molybdenum	96-1	7010	7319	6960	7096	2.74	cps
Molybdenum	97-1	250	375	258	294	23.74	cps
Molybdenum	98-1	742	750	800	764	4.13	cps
Neodymium	150-1	31344	30769	31250	31121	0.99	cps
Neodymium	150-2	12449	12453	12446	12449	0.03	cps
Nickel	60-2	17865	17311	17664	17613	1.59	cps
Phosphorus	31-2	3784	3834	3834	3817	0.76	cps
Potassium	39-2	278956	271630	275783	275456	1.33	cps
Rhodium	103-1	3986411	3997401	4052435	4012082	0.88	cps
Rhodium	103-2	2178001	2223898	2181179	2194359	1.17	cps
Scandium	45-1	2820054	2811271	2779235	2803520	0.77	cps
Scandium	45-2	107307	107955	107958	107740	0.35	cps
Selenium	82-1	46	155	200	133	59.45	cps
Selenium	77-2	70	43	80	64	29.41	cps
Selenium	78-2	114	111	107	111	3.17	cps
Silicon	28-1	639735	689408	667020	665388	3.74	cps
Silver	109-1	608	492	700	600	17.40	cps
Silver	107-1	708	675	817	733	10.10	cps
Sodium	23-2	79491	80899	78906	79765	1.28	cps
Strontium	86-1	585191	594017	586532	588580	0.81	cps
Strontium	88-1	4956559	4975190	5043796	4991848	0.92	cps
Sulfur	34-1	401959	400223	405693	402625	0.69	cps
Terbium	159-1	4189604	4389670	4358648	4312641	2.50	cps
Terbium	159-2	2271654	2269291	2309926	2283624	1.00	cps
Thallium	203-1	642	608	783	678	13.71	cps
Thallium	205-1	1608	1592	1667	1622	2.43	cps
Tin	118-1	733	883	725	781	11.42	cps
Titanium	47-1	2634	2567	2417	2539	4.37	cps
Uranium	238-1	10321	10788	10321	10477	2.57	cps
Vanadium	51-2	47325	47385	46392	47034	1.18	cps
Yttrium	89-1	5961381	5976428	5979590	5972467	0.16	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-05DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-FL-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:10:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	792781	800974	784567	792774	1.03	cps
Zinc	66-2	25900	24979	25022	25300	2.06	cps
Zirconium	90-1	106296	105421	105589	105769	0.44	cps
Zirconium	91-1	23487	24113	23838	23812	1.32	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089120	1082961	1093295	1088459	0.48	cps
Antimony	121-1	2046734	2079900	2049513	2058716	0.89	cps
Arsenic	75-2	84821	84483	83879	84394	0.57	cps
Barium	135-1	2057896	2084638	2072111	2071548	0.65	cps
Barium	137-1	3461646	3506257	3508959	3492287	0.76	cps
Beryllium	9-1	279653	284763	286175	283530	1.21	cps
Bismuth	209-1	2328772	2286914	2296577	2304088	0.95	cps
Bismuth	209-2	1435844	1457729	1446815	1446796	0.76	cps
Boron	10-1	19305	22140	23394	21613	9.69	cps
Boron	11-1	96346	110042	118230	108206	10.22	cps
Bromine	81-1	4145	4255	3895	4098	4.51	cps
Cadmium	111-1	447606	455130	452045	451594	0.84	cps
Cadmium	106-1	47156	47106	47006	47089	0.16	cps
Cadmium	108-1	31958	32889	31941	32263	1.68	cps
Calcium	43-1	2571008	2638905	2680647	2630187	2.10	cps
Calcium	44-1	41951750	42314059	43050156	42438655	1.32	cps
Chromium	52-2	621551	625981	615635	621056	0.84	cps
Cobalt	59-2	1091133	1089723	1075116	1085324	0.82	cps
Copper	63-2	1671628	1664818	1632229	1656225	1.27	cps
Dysprosium	156-1	150	75	133	119	32.97	cps
Dysprosium	156-2	43	63	67	58	21.85	cps
Erbium	164-1	8	75	17	33	108.97	cps
Erbium	164-2	30	27	17	24	28.38	cps
Gadolinium	160-1	150	208	133	164	24.03	cps
Gadolinium	160-2	77	77	83	79	4.87	cps
Holmium	165-1	4203896	4291399	4210996	4235430	1.15	cps
Holmium	165-2	2377056	2397801	2370385	2381747	0.60	cps
Indium	115-1	4301135	4382826	4264077	4316012	1.41	cps
Indium	115-2	798976	801086	800394	800152	0.13	cps
Iron	54-2	6234987	6303856	6109054	6215966	1.59	cps
Iron	56-2	114587722	115063361	112943683	114198255	0.97	cps
Iron	57-2	2905270	2924994	2890889	2907051	0.59	cps
Krypton	83-1	983	947	943	958	2.32	cps
Lead	206-1	917988	943963	935119	932356	1.42	cps
Lead	207-1	810591	826059	811673	816108	1.06	cps
Lead	208-1	3805099	3808480	3800923	3804834	0.10	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	717682	738759	729197	728546	1.45	cps
Magnesium	24-2	15475318	15850048	15660658	15662008	1.20	cps
Manganese	55-2	576095	578873	572835	575934	0.52	cps
Molybdenum	94-1	3895712	3920720	3960589	3925674	0.83	cps
Molybdenum	95-1	4847262	5031561	4992193	4957005	1.96	cps
Molybdenum	96-1	5397315	5445022	5518243	5453527	1.12	cps
Molybdenum	97-1	2995089	3070018	3030453	3031853	1.24	cps
Molybdenum	98-1	7707149	7891783	7747698	7782210	1.25	cps
Neodymium	150-1	73	93	67	78	17.85	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	295102	299881	294842	296608	0.96	cps
Phosphorus	31-2	15884	15450	16293	15876	2.65	cps
Potassium	39-2	7260015	7398727	7290937	7316560	1.00	cps
Rhodium	103-1	4100874	4079829	4060538	4080414	0.49	cps
Rhodium	103-2	2169590	2207720	2176761	2184690	0.93	cps
Scandium	45-1	2826083	2840745	2867368	2844732	0.74	cps
Scandium	45-2	108751	107858	108933	108514	0.53	cps
Selenium	82-1	30532	31232	30790	30851	1.15	cps
Selenium	77-2	1110	1217	1007	1111	9.45	cps
Selenium	78-2	3951	3895	4028	3958	1.69	cps
Silicon	28-1	1532340	1618863	1631002	1594068	3.38	cps
Silver	109-1	2214311	2206713	2229345	2216790	0.52	cps
Silver	107-1	2359182	2347221	2374752	2360385	0.58	cps
Sodium	23-2	30170751	31382293	31300073	30951039	2.19	cps
Strontium	86-1	604273	612417	617111	611267	1.06	cps
Strontium	88-1	5281054	5210660	5227124	5239613	0.70	cps
Sulfur	34-1	532306	534708	530096	532370	0.43	cps
Terbium	159-1	4456500	4454379	4510377	4473752	0.71	cps
Terbium	159-2	2376991	2383635	2355757	2372128	0.61	cps
Thallium	203-1	1160556	1159441	1151082	1157027	0.45	cps
Thallium	205-1	2769816	2814870	2708098	2764261	1.94	cps
Tin	118-1	1418401	1449154	1420813	1429456	1.20	cps
Titanium	47-1	1403143	1392913	1411741	1402599	0.67	cps
Uranium	238-1	3262328	3326629	3309451	3299469	1.01	cps
Vanadium	51-2	505407	505163	505078	505216	0.03	cps
Yttrium	89-1	6047478	5978831	5985738	6004016	0.63	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:13:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	794970	798504	798694	797389	0.26	cps
Zinc	66-2	218311	219928	218284	218841	0.43	cps
Zirconium	90-1	3183471	3212556	3212679	3202902	0.53	cps
Zirconium	91-1	703388	716037	711015	710146	0.90	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	613	640	577	610	5.21	cps
Antimony	121-1	508	617	650	592	12.52	cps
Arsenic	75-2	20	13	9	14	39.77	cps
Barium	135-1	117	233	225	192	33.96	cps
Barium	137-1	258	400	617	425	42.46	cps
Beryllium	9-1	100	86	96	94	7.67	cps
Bismuth	209-1	2177493	2190433	2234116	2200681	1.35	cps
Bismuth	209-2	1434594	1426671	1441227	1434164	0.51	cps
Boron	10-1	3040	2712	2578	2776	8.56	cps
Boron	11-1	14983	14142	13179	14101	6.40	cps
Bromine	81-1	3264	3724	3784	3591	7.93	cps
Cadmium	111-1	699	845	903	815	12.88	cps
Cadmium	106-1	933	1108	1133	1058	10.30	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	608	708	1100	806	32.26	cps
Calcium	44-1	51049	55449	56554	54351	5.36	cps
Chromium	52-2	1810	1720	1727	1752	2.86	cps
Cobalt	59-2	197	153	107	152	29.57	cps
Copper	63-2	453	460	417	443	5.26	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	3853830	3977270	3918481	3916527	1.58	cps
Holmium	165-2	2231471	2267676	2277361	2258836	1.07	cps
Indium	115-1	4061598	3990930	3904077	3985535	1.98	cps
Indium	115-2	745388	753967	745424	748259	0.66	cps
Iron	54-2	1828	1695	1517	1680	9.29	cps
Iron	56-2	25707	19781	17533	21007	20.10	cps
Iron	57-2	833	539	528	633	27.36	cps
Krypton	83-1	863	1070	913	949	11.36	cps
Lead	206-1	311	444	333	363	19.68	cps
Lead	207-1	283	283	311	293	5.48	cps
Lead	208-1	1211	1472	1467	1383	10.78	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	675927	677576	680246	677916	0.32	cps
Magnesium	24-2	2492	1959	2017	2156	13.57	cps
Manganese	55-2	200	190	177	189	6.20	cps
Molybdenum	94-1	475	600	750	608	22.63	cps
Molybdenum	95-1	575	767	867	736	20.14	cps
Molybdenum	96-1	567	733	925	742	24.18	cps
Molybdenum	97-1	350	442	492	428	16.80	cps
Molybdenum	98-1	800	1042	1300	1047	23.88	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	157	133	153	148	8.54	cps
Phosphorus	31-2	208	158	208	192	15.06	cps
Potassium	39-2	26408	25490	25748	25882	1.83	cps
Rhodium	103-1	3941646	3958164	3966628	3955479	0.32	cps
Rhodium	103-2	2148894	2149079	2151151	2149708	0.06	cps
Scandium	45-1	2709052	2671659	2646570	2675760	1.18	cps
Scandium	45-2	102650	101425	101230	101768	0.76	cps
Selenium	82-1	33	-124	18	-25	-352.25	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	70	75	86	77	10.63	cps
Silicon	28-1	547404	539767	535790	540987	1.09	cps
Silver	109-1	417	442	500	453	9.44	cps
Silver	107-1	383	442	600	475	23.60	cps
Sodium	23-2	42471	40398	39680	40850	3.55	cps
Strontium	86-1	1317	1458	1567	1447	8.66	cps
Strontium	88-1	417	750	817	661	32.42	cps
Sulfur	34-1	384362	383446	385234	384347	0.23	cps
Terbium	159-1	4097396	4134693	4125807	4119299	0.47	cps
Terbium	159-2	2198155	2268486	2281401	2249348	1.99	cps
Thallium	203-1	567	683	583	611	10.33	cps
Thallium	205-1	1442	1717	1342	1500	12.95	cps
Tin	118-1	433	500	500	478	8.06	cps
Titanium	47-1	792	858	942	864	8.70	cps
Uranium	238-1	125	467	467	353	55.92	cps
Vanadium	51-2	113	73	57	81	35.91	cps
Yttrium	89-1	5499457	5565892	5673833	5579727	1.58	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:15:54	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	741144	730134	741718	737665	0.89	cps
Zinc	66-2	173	187	153	171	9.80	cps
Zirconium	90-1	525	633	708	622	14.81	cps
Zirconium	91-1	100	242	167	169	41.83	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207DL Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:18:42 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261980	266783	264962	264575	0.92	cps
Antimony	121-1	167	192	292	217	30.53	cps
Arsenic	75-2	2174	2199	2201	2192	0.69	cps
Barium	135-1	60544	62252	60996	61264	1.44	cps
Barium	137-1	104654	109483	106552	106896	2.28	cps
Beryllium	9-1	460	500	522	494	6.36	cps
Bismuth	209-1	2287420	2272625	2289493	2283179	0.40	cps
Bismuth	209-2	1436274	1444672	1450433	1443793	0.49	cps
Boron	10-1	1854	1994	1978	1942	3.95	cps
Boron	11-1	9687	10308	9951	9982	3.12	cps
Bromine	81-1	4646	5096	5246	4996	6.26	cps
Cadmium	111-1	1136	1181	1194	1170	2.61	cps
Cadmium	106-1	1308	1325	1308	1314	0.73	cps
Cadmium	108-1	67	108	67	81	29.86	cps
Calcium	43-1	1100759	1148652	1153955	1134455	2.58	cps
Calcium	44-1	18334081	18662220	18911703	18636001	1.55	cps
Chromium	52-2	34378	34421	34822	34541	0.71	cps
Cobalt	59-2	19170	18849	18929	18983	0.88	cps
Copper	63-2	20745	21119	21116	20993	1.02	cps
Dysprosium	156-1	16436	15993	15776	16068	2.09	cps
Dysprosium	156-2	8536	8543	8299	8459	1.64	cps
Erbium	164-1	13449	13599	13566	13538	0.58	cps
Erbium	164-2	7085	7255	7319	7220	1.67	cps
Gadolinium	160-1	14742	15535	15910	15395	3.87	cps
Gadolinium	160-2	9627	9680	9757	9688	0.67	cps
Holmium	165-1	4017759	4089405	4068280	4058481	0.91	cps
Holmium	165-2	2326480	2338225	2373925	2346210	1.05	cps
Indium	115-1	3991220	4213612	4092361	4099064	2.72	cps
Indium	115-2	754291	760617	766541	760483	0.81	cps
Iron	54-2	1161261	1176454	1189055	1175590	1.18	cps
Iron	56-2	21632507	21693684	21937658	21754616	0.74	cps
Iron	57-2	538399	542744	532999	538047	0.91	cps
Krypton	83-1	927	887	940	918	3.02	cps
Lead	206-1	39917	41098	41310	40775	1.84	cps
Lead	207-1	31255	34028	33566	32949	4.51	cps
Lead	208-1	152582	159041	157108	156244	2.12	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	699177	703700	698859	700579	0.39	cps
Magnesium	24-2	326862	335748	335236	332615	1.50	cps
Manganese	55-2	201577	202703	204518	202933	0.73	cps
Molybdenum	94-1	33750	35864	35513	35042	3.23	cps
Molybdenum	95-1	358	442	492	431	15.64	cps
Molybdenum	96-1	6285	6660	6468	6471	2.90	cps
Molybdenum	97-1	300	275	258	278	7.55	cps
Molybdenum	98-1	717	633	750	700	8.58	cps
Neodymium	150-1	24583	24964	25758	25102	2.39	cps
Neodymium	150-2	10424	10998	10571	10664	2.80	cps
Nickel	60-2	15018	15649	15539	15402	2.19	cps
Phosphorus	31-2	2159	2017	1992	2056	4.37	cps
Potassium	39-2	246709	250141	249970	248940	0.78	cps
Rhodium	103-1	4018103	4015494	4024943	4019513	0.12	cps
Rhodium	103-2	2144766	2157314	2162151	2154744	0.42	cps
Scandium	45-1	2805735	2722371	2762450	2763519	1.51	cps
Scandium	45-2	105309	106242	105853	105801	0.44	cps
Selenium	82-1	54	143	58	85	59.64	cps
Selenium	77-2	50	60	60	57	10.19	cps
Selenium	78-2	92	115	91	99	13.67	cps
Silicon	28-1	692386	711029	684945	696120	1.93	cps
Silver	109-1	600	558	675	611	9.67	cps
Silver	107-1	608	500	600	569	10.59	cps
Sodium	23-2	78629	77481	78536	78215	0.82	cps
Strontium	86-1	458630	472899	470051	467194	1.62	cps
Strontium	88-1	3922363	4054404	3974996	3983921	1.67	cps
Sulfur	34-1	501981	512194	499202	504459	1.36	cps
Terbium	159-1	4322473	4346678	4293625	4320925	0.61	cps
Terbium	159-2	2322153	2251197	2274172	2282507	1.59	cps
Thallium	203-1	933	850	933	906	5.31	cps
Thallium	205-1	1959	2125	2042	2042	4.08	cps
Tin	118-1	625	600	558	594	5.67	cps
Titanium	47-1	2601	1717	3670	2662	36.73	cps
Uranium	238-1	6510	7277	7519	7102	7.42	cps
Vanadium	51-2	36884	36777	36637	36766	0.34	cps
Yttrium	89-1	5875901	6037615	5905948	5939821	1.45	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	787569	783846	791952	787789	0.52	cps
Zinc	66-2	19006	20181	19443	19544	3.04	cps
Zirconium	90-1	97020	100151	99672	98948	1.70	cps
Zirconium	91-1	21125	22060	22619	21934	3.44	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:21:32	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273892	272710	271813	272805	0.38	cps
Antimony	121-1	150	175	167	164	7.77	cps
Arsenic	75-2	2335	2313	2312	2320	0.56	cps
Barium	135-1	63215	64295	64521	64010	1.09	cps
Barium	137-1	110526	111760	110717	111001	0.60	cps
Beryllium	9-1	530	550	508	529	3.97	cps
Bismuth	209-1	2291391	2252138	2241031	2261520	1.17	cps
Bismuth	209-2	1443844	1441793	1459631	1448423	0.67	cps
Boron	10-1	1452	1532	1608	1530	5.10	cps
Boron	11-1	7839	7608	7873	7773	1.85	cps
Bromine	81-1	5417	5897	6037	5784	5.63	cps
Cadmium	111-1	1223	1126	1095	1148	5.84	cps
Cadmium	106-1	1367	1242	1267	1292	5.12	cps
Cadmium	108-1	83	92	83	86	5.59	cps
Calcium	43-1	1186684	1179949	1230230	1198954	2.28	cps
Calcium	44-1	19409479	19086661	19459915	19318685	1.05	cps
Chromium	52-2	35507	35972	35688	35722	0.66	cps
Cobalt	59-2	19310	19547	19470	19442	0.62	cps
Copper	63-2	21663	22104	21500	21756	1.44	cps
Dysprosium	156-1	15860	17328	16686	16625	4.43	cps
Dysprosium	156-2	8823	9133	8223	8726	5.31	cps
Erbium	164-1	13799	14083	13474	13785	2.21	cps
Erbium	164-2	7189	7642	7422	7418	3.06	cps
Gadolinium	160-1	15217	16344	15568	15710	3.67	cps
Gadolinium	160-2	10047	10261	10027	10112	1.28	cps
Holmium	165-1	4012735	4051149	4030703	4031529	0.48	cps
Holmium	165-2	2339624	2324092	2353465	2339060	0.63	cps
Indium	115-1	4117956	4096564	4069920	4094813	0.59	cps
Indium	115-2	759809	755604	773017	762810	1.19	cps
Iron	54-2	1211873	1200999	1194263	1202378	0.74	cps
Iron	56-2	22344309	22135391	22461789	22313830	0.74	cps
Iron	57-2	552509	551330	556613	553484	0.50	cps
Krypton	83-1	893	963	987	948	5.13	cps
Lead	206-1	42542	42063	42375	42327	0.58	cps
Lead	207-1	34440	35516	35170	35042	1.57	cps
Lead	208-1	163312	165223	163126	163887	0.71	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:21:32	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	706112	695633	693196	698314	0.98	cps
Magnesium	24-2	345256	338462	339423	341047	1.08	cps
Manganese	55-2	208241	210051	207592	208628	0.61	cps
Molybdenum	94-1	36532	37676	36214	36808	2.09	cps
Molybdenum	95-1	342	392	450	394	13.75	cps
Molybdenum	96-1	6235	7085	6827	6716	6.49	cps
Molybdenum	97-1	225	225	317	256	20.71	cps
Molybdenum	98-1	567	683	617	622	9.41	cps
Neodymium	150-1	25010	26346	25725	25694	2.60	cps
Neodymium	150-2	10781	10558	10731	10690	1.10	cps
Nickel	60-2	16086	15842	15302	15743	2.55	cps
Phosphorus	31-2	2275	1984	1967	2075	8.36	cps
Potassium	39-2	252493	258064	260469	257009	1.59	cps
Rhodium	103-1	4071988	3975486	3971861	4006445	1.42	cps
Rhodium	103-2	2209308	2226543	2182955	2206269	0.99	cps
Scandium	45-1	2871054	2736416	2800419	2802630	2.40	cps
Scandium	45-2	104792	107294	107807	106631	1.51	cps
Selenium	82-1	123	80	-30	58	136.71	cps
Selenium	77-2	57	50	57	54	7.07	cps
Selenium	78-2	89	92	101	94	6.64	cps
Silicon	28-1	680071	673093	655141	669435	1.92	cps
Silver	109-1	375	450	592	472	23.30	cps
Silver	107-1	600	542	608	583	6.23	cps
Sodium	23-2	78872	81008	80916	80265	1.50	cps
Strontium	86-1	488437	477626	481422	482495	1.14	cps
Strontium	88-1	4132925	4162864	4132751	4142847	0.42	cps
Sulfur	34-1	504599	500527	505220	503449	0.51	cps
Terbium	159-1	4314604	4329905	4293975	4312828	0.42	cps
Terbium	159-2	2295480	2274390	2289941	2286604	0.48	cps
Thallium	203-1	758	708	700	722	4.37	cps
Thallium	205-1	1834	1934	1809	1859	3.56	cps
Tin	118-1	583	542	350	492	25.31	cps
Titanium	47-1	1934	2217	1909	2020	8.48	cps
Uranium	238-1	7461	7819	7319	7533	3.42	cps
Vanadium	51-2	37636	37526	38071	37744	0.76	cps
Yttrium	89-1	6063679	6069449	5905917	6013015	1.54	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207DU	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:21:32	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	791502	800632	797293	796476	0.58	cps
Zinc	66-2	19557	19861	20034	19817	1.22	cps
Zirconium	90-1	103223	102274	101242	102246	0.97	cps
Zirconium	91-1	22844	21859	23186	22630	3.04	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06LDLX25 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207LDI Dilution Factor : 25
 Date & Time Acquired :: 2020-02-12 14:24:21 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52625	49644	48925	50398	3.89	cps
Antimony	121-1	100	92	58	83	26.45	cps
Arsenic	75-2	395	386	423	401	4.81	cps
Barium	135-1	11822	11630	11322	11591	2.18	cps
Barium	137-1	20007	19723	19731	19821	0.81	cps
Beryllium	9-1	152	176	136	155	13.02	cps
Bismuth	209-1	2239624	2215129	2214882	2223212	0.64	cps
Bismuth	209-2	1418108	1384138	1395695	1399314	1.23	cps
Boron	10-1	1040	1016	1054	1037	1.85	cps
Boron	11-1	5208	5106	5028	5114	1.77	cps
Bromine	81-1	4305	4235	4015	4185	3.62	cps
Cadmium	111-1	575	835	718	709	18.39	cps
Cadmium	106-1	750	1108	967	942	19.17	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	212749	215823	215275	214616	0.76	cps
Calcium	44-1	3568259	3545319	3540504	3551361	0.42	cps
Chromium	52-2	7826	7896	7992	7904	1.06	cps
Cobalt	59-2	3667	3570	3440	3559	3.20	cps
Copper	63-2	4274	4024	4084	4127	3.16	cps
Dysprosium	156-1	2925	2759	3042	2909	4.90	cps
Dysprosium	156-2	1363	1460	1630	1485	9.10	cps
Erbium	164-1	2750	2559	2550	2620	4.32	cps
Erbium	164-2	1317	1440	1430	1396	4.91	cps
Gadolinium	160-1	2717	2867	2942	2842	4.03	cps
Gadolinium	160-2	1817	1737	1820	1791	2.63	cps
Holmium	165-1	3995709	3916440	3812015	3908054	2.36	cps
Holmium	165-2	2224564	2240437	2249939	2238313	0.57	cps
Indium	115-1	4057556	3997976	3902041	3985858	1.97	cps
Indium	115-2	745519	739457	752660	745879	0.89	cps
Iron	54-2	224979	222417	220206	222534	1.07	cps
Iron	56-2	4143697	4107407	4164147	4138417	0.69	cps
Iron	57-2	101978	100915	101061	101318	0.57	cps
Krypton	83-1	870	913	927	903	3.28	cps
Lead	206-1	7975	7575	7980	7843	2.97	cps
Lead	207-1	6318	6585	6363	6422	2.23	cps
Lead	208-1	30403	29903	30225	30177	0.84	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06LDLX25 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207LDI Dilution Factor : 25
 Date & Time Acquired :: 2020-02-12 14:24:21 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	681415	674382	674469	676755	0.60	cps
Magnesium	24-2	62861	62359	63413	62878	0.84	cps
Manganese	55-2	38051	38592	38051	38231	0.82	cps
Molybdenum	94-1	6693	6585	7102	6794	4.01	cps
Molybdenum	95-1	75	125	92	97	26.19	cps
Molybdenum	96-1	1333	1250	1283	1289	3.25	cps
Molybdenum	97-1	17	75	117	69	72.33	cps
Molybdenum	98-1	200	167	217	194	13.09	cps
Neodymium	150-1	4814	5248	4628	4897	6.50	cps
Neodymium	150-2	2077	1900	1977	1985	4.46	cps
Nickel	60-2	3127	2967	3167	3087	3.43	cps
Phosphorus	31-2	425	533	433	464	13.00	cps
Potassium	39-2	66043	65039	66135	65739	0.93	cps
Rhodium	103-1	3957377	3934199	3939546	3943707	0.31	cps
Rhodium	103-2	2157943	2130507	2160780	2149743	0.78	cps
Scandium	45-1	2734484	2645912	2631867	2670754	2.08	cps
Scandium	45-2	102079	101096	101065	101413	0.57	cps
Selenium	82-1	56	-32	-4	7	686.67	cps
Selenium	77-2	17	7	17	13	43.29	cps
Selenium	78-2	78	76	69	74	6.36	cps
Silicon	28-1	547070	540642	544950	544221	0.60	cps
Silver	109-1	192	100	225	172	37.59	cps
Silver	107-1	275	208	200	228	18.05	cps
Sodium	23-2	43616	43198	44142	43652	1.08	cps
Strontium	86-1	88504	89175	90065	89248	0.88	cps
Strontium	88-1	754869	757452	765312	759211	0.72	cps
Sulfur	34-1	407089	407827	405865	406927	0.24	cps
Terbium	159-1	4197140	4112855	4182085	4164027	1.08	cps
Terbium	159-2	2235657	2163453	2193040	2197384	1.65	cps
Thallium	203-1	192	167	217	192	13.05	cps
Thallium	205-1	492	558	533	528	6.38	cps
Tin	118-1	300	308	367	325	11.18	cps
Titanium	47-1	858	983	1217	1020	17.84	cps
Uranium	238-1	1400	1367	1308	1358	3.42	cps
Vanadium	51-2	6752	6932	6872	6852	1.34	cps
Yttrium	89-1	5654027	5599401	5592651	5615360	0.60	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207LDI	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:24:21	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	751105	732533	740315	741318	1.26	cps
Zinc	66-2	3637	3714	3607	3653	1.51	cps
Zirconium	90-1	18972	18020	18897	18630	2.84	cps
Zirconium	91-1	3976	4501	3934	4137	7.64	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:27:11	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372881	370474	370941	371432	0.34	cps
Antimony	121-1	376132	385498	388059	383229	1.64	cps
Arsenic	75-2	19361	19449	19562	19458	0.52	cps
Barium	135-1	416905	424159	419207	420090	0.88	cps
Barium	137-1	711424	723098	724719	719747	1.01	cps
Beryllium	9-1	52267	54373	55194	53945	2.80	cps
Bismuth	209-1	2207021	2192115	1980809	2126648	5.95	cps
Bismuth	209-2	1386013	1401650	1396663	1394775	0.57	cps
Boron	10-1	3552	4186	4700	4146	13.87	cps
Boron	11-1	17973	21413	23005	20797	12.37	cps
Bromine	81-1	4986	5747	5577	5437	7.35	cps
Cadmium	111-1	86363	88712	88797	87957	1.57	cps
Cadmium	106-1	9587	10221	10212	10007	3.63	cps
Cadmium	108-1	6522	6418	6456	6465	0.82	cps
Calcium	43-1	1397452	1407218	1413494	1406055	0.57	cps
Calcium	44-1	22319832	22875239	23217194	22804089	1.99	cps
Chromium	52-2	155680	155889	155027	155532	0.29	cps
Cobalt	59-2	232152	233601	230873	232209	0.59	cps
Copper	63-2	302481	308067	305671	305406	0.92	cps
Dysprosium	156-1	17153	18104	17854	17704	2.78	cps
Dysprosium	156-2	9200	9413	9230	9281	1.25	cps
Erbium	164-1	14859	14875	15159	14964	1.13	cps
Erbium	164-2	8213	8229	8133	8191	0.63	cps
Gadolinium	160-1	17345	18330	17429	17701	3.08	cps
Gadolinium	160-2	10881	11035	10464	10793	2.74	cps
Holmium	165-1	3852068	3843241	3570491	3755266	4.26	cps
Holmium	165-2	2265069	2228063	2166498	2219877	2.24	cps
Indium	115-1	3944016	3979691	3580295	3834667	5.76	cps
Indium	115-2	735182	738472	733509	735721	0.34	cps
Iron	54-2	1501314	1479327	1470713	1483785	1.06	cps
Iron	56-2	26392647	26653729	26665165	26570514	0.58	cps
Iron	57-2	655506	655236	656450	655731	0.10	cps
Krypton	83-1	937	887	947	923	3.48	cps
Lead	206-1	229845	236636	235620	234034	1.56	cps
Lead	207-1	202430	207375	209112	206306	1.68	cps
Lead	208-1	919186	932434	941843	931154	1.22	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06MSDLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207MS Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:27:11 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	673497	676198	622689	657462	4.58	cps
Magnesium	24-2	913482	923031	921687	919400	0.56	cps
Manganese	55-2	336635	341910	337534	338693	0.83	cps
Molybdenum	94-1	705273	715643	727982	716299	1.59	cps
Molybdenum	95-1	809806	826926	817692	818141	1.05	cps
Molybdenum	96-1	903575	915663	906654	908631	0.69	cps
Molybdenum	97-1	497332	501467	506889	501896	0.95	cps
Molybdenum	98-1	1285986	1301426	1300347	1295920	0.67	cps
Neodymium	150-1	28711	28357	28464	28511	0.64	cps
Neodymium	150-2	12282	12126	12156	12188	0.68	cps
Nickel	60-2	73589	72761	74192	73514	0.98	cps
Phosphorus	31-2	2142	2117	2259	2172	3.48	cps
Potassium	39-2	549728	559253	554228	554403	0.86	cps
Rhodium	103-1	3778693	3849524	3489368	3705862	5.15	cps
Rhodium	103-2	2112235	2099648	2107521	2106468	0.30	cps
Scandium	45-1	2641527	2715342	2484143	2613671	4.52	cps
Scandium	45-2	102241	103976	101593	102603	1.20	cps
Selenium	82-1	5841	6171	5961	5991	2.78	cps
Selenium	77-2	307	243	317	289	13.77	cps
Selenium	78-2	873	862	863	866	0.70	cps
Silicon	28-1	1096836	947638	1035547	1026673	7.30	cps
Silver	109-1	354920	359214	358806	357646	0.66	cps
Silver	107-1	380815	384314	379619	381583	0.64	cps
Sodium	23-2	1174001	1182778	1175415	1177398	0.40	cps
Strontium	86-1	562566	581716	566753	570345	1.77	cps
Strontium	88-1	4796922	4894090	4922019	4871010	1.35	cps
Sulfur	34-1	476873	478053	477997	477641	0.14	cps
Terbium	159-1	4116570	4214089	3802773	4044477	5.31	cps
Terbium	159-2	2232872	2256237	2219095	2236068	0.84	cps
Thallium	203-1	220032	215874	222934	219614	1.62	cps
Thallium	205-1	520004	514712	530960	521892	1.59	cps
Tin	118-1	241432	247647	252097	247059	2.17	cps
Titanium	47-1	227484	234989	234530	232334	1.81	cps
Uranium	238-1	593680	615940	615886	608502	2.11	cps
Vanadium	51-2	137567	138956	139229	138584	0.64	cps
Yttrium	89-1	5809799	5845426	5210344	5621856	6.35	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:27:11	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	779317	772969	784421	778902	0.74	cps
Zinc	66-2	65367	65031	65604	65334	0.44	cps
Zirconium	90-1	700595	714175	707965	707579	0.96	cps
Zirconium	91-1	154298	157028	160483	157269	1.97	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:29:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334729	333265	337014	335003	0.56	cps
Antimony	121-1	397646	396869	400546	398354	0.49	cps
Arsenic	75-2	19854	20043	20450	20116	1.51	cps
Barium	135-1	422756	423749	428555	425020	0.73	cps
Barium	137-1	723594	731906	741283	732261	1.21	cps
Beryllium	9-1	55621	55414	56472	55836	1.00	cps
Bismuth	209-1	2193219	2186108	2234723	2204683	1.19	cps
Bismuth	209-2	1421063	1431011	1420706	1424260	0.41	cps
Boron	10-1	4082	4704	5056	4614	10.69	cps
Boron	11-1	20766	23590	25419	23258	10.08	cps
Bromine	81-1	5136	5507	5907	5517	6.99	cps
Cadmium	111-1	92307	92751	92294	92451	0.28	cps
Cadmium	106-1	10521	11196	10679	10799	3.27	cps
Cadmium	108-1	6589	6452	6497	6513	1.08	cps
Calcium	43-1	1323640	1382714	1374511	1360288	2.35	cps
Calcium	44-1	21728394	22128349	22439102	22098615	1.61	cps
Chromium	52-2	157995	157541	157888	157808	0.15	cps
Cobalt	59-2	237328	237532	240065	238308	0.64	cps
Copper	63-2	312777	312494	318316	314529	1.04	cps
Dysprosium	156-1	16936	17161	16744	16947	1.23	cps
Dysprosium	156-2	9543	9193	9467	9401	1.96	cps
Erbium	164-1	14325	14283	15117	14575	3.23	cps
Erbium	164-2	7806	8056	7846	7902	1.70	cps
Gadolinium	160-1	17387	16310	16953	16883	3.21	cps
Gadolinium	160-2	10337	10748	10708	10598	2.13	cps
Holmium	165-1	3949480	3893064	4021946	3954830	1.63	cps
Holmium	165-2	2291837	2284051	2292459	2289449	0.20	cps
Indium	115-1	4034784	3918951	3963327	3972354	1.47	cps
Indium	115-2	749391	747212	755029	750544	0.54	cps
Iron	54-2	1503408	1509403	1501109	1504640	0.28	cps
Iron	56-2	27216619	26589255	26948414	26918096	1.17	cps
Iron	57-2	665562	662169	658096	661943	0.56	cps
Krypton	83-1	987	1017	940	981	3.94	cps
Lead	206-1	233163	234308	235626	234366	0.53	cps
Lead	207-1	204185	206968	206025	205726	0.69	cps
Lead	208-1	926624	942080	948840	939181	1.21	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:29:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	682263	687388	695205	688285	0.95	cps
Magnesium	24-2	899045	903616	902211	901624	0.26	cps
Manganese	55-2	324378	324320	330320	326339	1.06	cps
Molybdenum	94-1	734633	745464	736777	738958	0.78	cps
Molybdenum	95-1	857886	843689	854973	852183	0.88	cps
Molybdenum	96-1	951167	940073	936358	942533	0.82	cps
Molybdenum	97-1	519653	521489	510687	517276	1.12	cps
Molybdenum	98-1	1339443	1331135	1354297	1341625	0.87	cps
Neodymium	150-1	27722	27923	27528	27724	0.71	cps
Neodymium	150-2	11525	11235	11478	11413	1.37	cps
Nickel	60-2	75187	74624	77929	75913	2.33	cps
Phosphorus	31-2	2250	2384	1975	2203	9.45	cps
Potassium	39-2	539035	545401	536463	540300	0.85	cps
Rhodium	103-1	3930836	3830036	3965004	3908626	1.80	cps
Rhodium	103-2	2129303	2159660	2181225	2156729	1.21	cps
Scandium	45-1	2686169	2744226	2736539	2722311	1.16	cps
Scandium	45-2	104238	104379	105705	104774	0.77	cps
Selenium	82-1	5947	5984	6258	6063	2.80	cps
Selenium	77-2	283	303	337	308	8.75	cps
Selenium	78-2	864	866	828	853	2.51	cps
Silicon	28-1	954091	1033723	921905	969906	5.93	cps
Silver	109-1	387472	387779	390636	388629	0.45	cps
Silver	107-1	410100	411653	407632	409795	0.49	cps
Sodium	23-2	1141362	1135744	1133340	1136815	0.36	cps
Strontium	86-1	609401	600800	605314	605172	0.71	cps
Strontium	88-1	5160353	5140979	5104446	5135259	0.55	cps
Sulfur	34-1	494503	494604	492380	493829	0.25	cps
Terbium	159-1	4209462	4159037	4278517	4215672	1.42	cps
Terbium	159-2	2232117	2249044	2266037	2249066	0.75	cps
Thallium	203-1	230961	229428	231946	230778	0.55	cps
Thallium	205-1	532914	539485	539689	537363	0.72	cps
Tin	118-1	255500	253802	254868	254724	0.34	cps
Titanium	47-1	235757	239196	237041	237331	0.73	cps
Uranium	238-1	633317	623532	637838	631563	1.16	cps
Vanadium	51-2	138704	137285	140731	138907	1.25	cps
Yttrium	89-1	5985628	5876343	5808328	5890100	1.52	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207MS	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:29:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	769689	784477	793140	782435	1.52	cps
Zinc	66-2	63240	63324	63903	63489	0.57	cps
Zirconium	90-1	727503	727227	720253	724994	0.57	cps
Zirconium	91-1	158023	156944	161597	158855	1.53	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06ADLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207AD Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:32:50 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286145	285324	281239	284236	0.92	cps
Antimony	121-1	401374	401924	399846	401048	0.27	cps
Arsenic	75-2	19741	19841	19184	19589	1.81	cps
Barium	135-1	416476	408829	413158	412821	0.93	cps
Barium	137-1	714998	715263	713427	714563	0.14	cps
Beryllium	9-1	55707	55910	56994	56204	1.23	cps
Bismuth	209-1	2066327	2262565	2242748	2190547	4.93	cps
Bismuth	209-2	1442245	1433917	1420740	1432301	0.76	cps
Boron	10-1	4324	4986	5136	4815	8.97	cps
Boron	11-1	21622	24387	26264	24091	9.69	cps
Bromine	81-1	4716	5357	5547	5206	8.36	cps
Cadmium	111-1	92515	94194	92846	93185	0.95	cps
Cadmium	106-1	10704	10321	10596	10540	1.88	cps
Cadmium	108-1	6735	6510	6531	6592	1.89	cps
Calcium	43-1	1187504	1175428	1158513	1173815	1.24	cps
Calcium	44-1	19497751	19274039	19317116	19362969	0.61	cps
Chromium	52-2	154751	154009	151594	153451	1.08	cps
Cobalt	59-2	241733	236867	231682	236761	2.12	cps
Copper	63-2	316386	313069	307797	312417	1.39	cps
Dysprosium	156-1	14658	14492	14800	14650	1.05	cps
Dysprosium	156-2	7906	7949	8136	7997	1.53	cps
Erbium	164-1	12823	12665	13107	12865	1.74	cps
Erbium	164-2	7125	6942	6772	6946	2.55	cps
Gadolinium	160-1	14567	15217	15042	14942	2.25	cps
Gadolinium	160-2	9140	9220	8826	9062	2.30	cps
Holmium	165-1	3698100	4034437	3963645	3898727	4.55	cps
Holmium	165-2	2268658	2296236	2297539	2287478	0.71	cps
Indium	115-1	3757702	4105521	4042822	3968682	4.67	cps
Indium	115-2	760055	765509	762354	762639	0.36	cps
Iron	54-2	1407529	1409310	1320353	1379064	3.69	cps
Iron	56-2	24919113	24554736	24648861	24707570	0.77	cps
Iron	57-2	618316	614658	599295	610757	1.65	cps
Krypton	83-1	883	977	853	904	7.11	cps
Lead	206-1	225999	231376	230221	229199	1.24	cps
Lead	207-1	200325	204634	201613	202191	1.09	cps
Lead	208-1	908188	923109	910484	913927	0.88	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-06ADLX5 Instrumnet Name : P8
 Client Sample ID : LF012-TL-SP-200207AD Dilution Factor : 5
 Date & Time Acquired :: 2020-02-12 14:32:50 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	635880	687282	690553	671239	4.57	cps
Magnesium	24-2	872478	868438	856526	865814	0.96	cps
Manganese	55-2	298908	295516	288218	294214	1.86	cps
Molybdenum	94-1	744578	745462	751456	747165	0.50	cps
Molybdenum	95-1	858891	860116	861038	860015	0.13	cps
Molybdenum	96-1	946184	953393	965855	955144	1.04	cps
Molybdenum	97-1	526941	529348	528301	528197	0.23	cps
Molybdenum	98-1	1368647	1356509	1369443	1364866	0.53	cps
Neodymium	150-1	23915	24235	24456	24202	1.12	cps
Neodymium	150-2	9864	9737	10054	9885	1.61	cps
Nickel	60-2	74052	75160	74333	74515	0.77	cps
Phosphorus	31-2	2067	1842	1783	1897	7.89	cps
Potassium	39-2	505626	507182	501555	504788	0.58	cps
Rhodium	103-1	3709192	3948666	3963971	3873943	3.69	cps
Rhodium	103-2	2143512	2143144	2181664	2156107	1.03	cps
Scandium	45-1	2598790	2734717	2766410	2699972	3.30	cps
Scandium	45-2	106229	105054	104544	105276	0.82	cps
Selenium	82-1	6333	6291	6413	6346	0.98	cps
Selenium	77-2	323	267	217	269	19.85	cps
Selenium	78-2	851	851	850	851	0.07	cps
Silicon	28-1	847227	830534	863609	847123	1.95	cps
Silver	109-1	385708	386784	384680	385724	0.27	cps
Silver	107-1	407366	416343	414462	412724	1.15	cps
Sodium	23-2	1170623	1142212	1131851	1148229	1.75	cps
Strontium	86-1	560953	556894	561681	559843	0.46	cps
Strontium	88-1	4811519	4811155	4839338	4820671	0.34	cps
Sulfur	34-1	497141	497441	493932	496171	0.39	cps
Terbium	159-1	4011428	4298392	4242026	4183949	3.63	cps
Terbium	159-2	2283578	2235500	2270516	2263198	1.10	cps
Thallium	203-1	232736	234836	231520	233031	0.72	cps
Thallium	205-1	535179	548510	545812	543167	1.30	cps
Tin	118-1	254146	259510	257639	257098	1.06	cps
Titanium	47-1	239333	246755	238530	241539	1.88	cps
Uranium	238-1	633834	633149	636574	634519	0.29	cps
Vanadium	51-2	134169	133169	130193	132510	1.56	cps
Yttrium	89-1	5402928	6044285	6012088	5819767	6.21	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-SP-200207AD	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:32:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	791773	785328	784618	787240	0.50	cps
Zinc	66-2	57356	57238	56455	57016	0.86	cps
Zirconium	90-1	706786	727123	719212	717707	1.43	cps
Zirconium	91-1	157367	160419	160013	159266	1.04	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:35:38	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449690	416069	415823	427194	4.56	cps
Antimony	121-1	383	433	492	436	12.43	cps
Arsenic	75-2	1729	1542	1535	1602	6.87	cps
Barium	135-1	91030	91987	90879	91299	0.66	cps
Barium	137-1	151535	156186	158749	155490	2.35	cps
Beryllium	9-1	740	734	770	748	2.58	cps
Bismuth	209-1	2179964	2213977	2242265	2212069	1.41	cps
Bismuth	209-2	1452122	1346262	1329274	1375886	4.84	cps
Boron	10-1	1834	1994	2036	1954	5.45	cps
Boron	11-1	9767	10212	10013	9997	2.23	cps
Bromine	81-1	5907	6328	6378	6204	4.17	cps
Cadmium	111-1	1465	1480	1258	1401	8.85	cps
Cadmium	106-1	1350	1400	1267	1339	5.03	cps
Cadmium	108-1	108	138	113	119	13.21	cps
Calcium	43-1	1752425	1813266	1808106	1791266	1.88	cps
Calcium	44-1	28566567	29174461	29339599	29026876	1.40	cps
Chromium	52-2	38071	34926	35313	36103	4.75	cps
Cobalt	59-2	20078	18599	18786	19154	4.20	cps
Copper	63-2	26468	24742	24842	25351	3.82	cps
Dysprosium	156-1	15384	15284	16377	15682	3.85	cps
Dysprosium	156-2	8933	7972	7859	8255	7.15	cps
Erbium	164-1	13641	13799	14158	13866	1.91	cps
Erbium	164-2	7425	7169	7162	7252	2.07	cps
Gadolinium	160-1	15251	15685	16227	15721	3.11	cps
Gadolinium	160-2	10101	9056	8913	9357	6.93	cps
Holmium	165-1	3932210	3935646	4051951	3973269	1.72	cps
Holmium	165-2	2326120	2176070	2105172	2202454	5.12	cps
Indium	115-1	3957506	3976018	4058108	3997211	1.34	cps
Indium	115-2	770005	714513	703143	729220	4.91	cps
Iron	54-2	1193652	1106588	1106700	1135647	4.42	cps
Iron	56-2	22453807	20846934	20413195	21237979	5.06	cps
Iron	57-2	552435	509779	507059	523091	4.87	cps
Krypton	83-1	857	1057	907	940	11.07	cps
Lead	206-1	44582	46745	47136	46154	2.98	cps
Lead	207-1	36128	37192	38507	37276	3.20	cps
Lead	208-1	171750	176482	179801	176011	2.30	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:35:38	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	679226	683051	691296	684525	0.90	cps
Magnesium	24-2	369027	349974	342058	353687	3.92	cps
Manganese	55-2	429492	400760	400998	410417	4.03	cps
Molybdenum	94-1	39206	40017	40261	39828	1.39	cps
Molybdenum	95-1	1058	1208	1067	1111	7.59	cps
Molybdenum	96-1	7836	7636	7861	7777	1.59	cps
Molybdenum	97-1	808	617	533	653	21.60	cps
Molybdenum	98-1	1600	1717	1658	1658	3.52	cps
Neodymium	150-1	25745	26473	26867	26362	2.16	cps
Neodymium	150-2	11058	10758	10307	10708	3.53	cps
Nickel	60-2	13730	12629	12512	12957	5.19	cps
Phosphorus	31-2	2400	2184	2292	2292	4.73	cps
Potassium	39-2	351908	330151	328011	336690	3.93	cps
Rhodium	103-1	3907297	3943549	3981654	3944166	0.94	cps
Rhodium	103-2	2178450	2062101	2016767	2085773	4.00	cps
Scandium	45-1	2741280	2770904	2789923	2767369	0.89	cps
Scandium	45-2	106367	99052	99085	101501	4.15	cps
Selenium	82-1	152	-89	146	70	196.68	cps
Selenium	77-2	43	57	67	56	21.08	cps
Selenium	78-2	80	95	106	94	13.93	cps
Silicon	28-1	1315233	2804315	6469540	3529696	75.15	cps
Silver	109-1	542	717	733	664	15.99	cps
Silver	107-1	792	825	783	800	2.76	cps
Sodium	23-2	126117	119621	119008	121582	3.24	cps
Strontium	86-1	288094	298395	300085	295525	2.20	cps
Strontium	88-1	2460116	2582588	2589057	2543920	2.86	cps
Sulfur	34-1	398593	400383	400822	399933	0.30	cps
Terbium	159-1	4198034	4166451	4273854	4212780	1.31	cps
Terbium	159-2	2297413	2146935	2107671	2184006	4.59	cps
Thallium	203-1	1392	1217	1342	1317	6.85	cps
Thallium	205-1	2742	3025	3009	2925	5.44	cps
Tin	118-1	1842	1633	1850	1775	6.92	cps
Titanium	47-1	11847	14563	12064	12825	11.77	cps
Uranium	238-1	7602	7628	7394	7541	1.70	cps
Vanadium	51-2	42523	39829	40106	40819	3.63	cps
Yttrium	89-1	5806195	5891580	5920854	5872876	1.01	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-01-200207DL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-12 14:35:38	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	794324	746592	740328	760414	3.88	cps
Zinc	66-2	23984	21900	21924	22603	5.29	cps
Zirconium	90-1	118675	109654	111342	113224	4.24	cps
Zirconium	91-1	23938	24113	26670	24907	6.14	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : L1488-01DL2X25 Instrumnet Name : P8
 Client Sample ID : LF012-TL-NW-200207DL Dilution Factor : 25
 Date & Time Acquired :: 2020-02-12 14:38:29 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109859	111087	105872	108939	2.50	cps
Antimony	121-1	100	75	83	86	14.78	cps
Arsenic	75-2	486	484	450	473	4.28	cps
Barium	135-1	19272	20015	20316	19868	2.70	cps
Barium	137-1	34595	36283	34361	35079	2.99	cps
Beryllium	9-1	238	212	184	211	12.78	cps
Bismuth	209-1	2104513	2111873	2116494	2110960	0.29	cps
Bismuth	209-2	1405860	1400202	1353946	1386669	2.05	cps
Boron	10-1	1028	1082	1072	1061	2.71	cps
Boron	11-1	5420	5400	5534	5451	1.33	cps
Bromine	81-1	4686	4836	4395	4639	4.83	cps
Cadmium	111-1	850	689	856	799	11.87	cps
Cadmium	106-1	992	883	1092	989	10.54	cps
Cadmium	108-1	21	42	29	31	34.33	cps
Calcium	43-1	449070	459181	453014	453755	1.12	cps
Calcium	44-1	7394237	7570468	7354936	7439880	1.54	cps
Chromium	52-2	11311	11271	11104	11229	0.98	cps
Cobalt	59-2	4924	4934	4664	4841	3.16	cps
Copper	63-2	6418	6248	6275	6314	1.45	cps
Dysprosium	156-1	5043	5410	5510	5321	4.62	cps
Dysprosium	156-2	2984	2724	2674	2794	5.96	cps
Erbium	164-1	4601	4584	4426	4537	2.13	cps
Erbium	164-2	2360	2324	2277	2320	1.80	cps
Gadolinium	160-1	4793	5260	5051	5034	4.65	cps
Gadolinium	160-2	3064	3194	3010	3089	3.05	cps
Holmium	165-1	3781451	3830454	3805752	3805886	0.64	cps
Holmium	165-2	2265257	2252251	2170667	2229392	2.30	cps
Indium	115-1	3846592	3965704	3828282	3880193	1.92	cps
Indium	115-2	746597	753752	711130	737160	3.10	cps
Iron	54-2	330847	327385	317990	325407	2.04	cps
Iron	56-2	6276387	6212883	5921260	6136843	3.09	cps
Iron	57-2	152856	152182	146449	150496	2.34	cps
Krypton	83-1	967	1020	1127	1038	7.85	cps
Lead	206-1	12289	12390	12801	12493	2.17	cps
Lead	207-1	10276	10137	10710	10375	2.88	cps
Lead	208-1	47974	47223	48847	48015	1.69	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:38:29	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	668091	657938	654608	660212	1.06	cps
Magnesium	24-2	92812	90701	89474	90996	1.86	cps
Manganese	55-2	77590	78451	76346	77462	1.37	cps
Molybdenum	94-1	10521	11580	11088	11063	4.79	cps
Molybdenum	95-1	142	133	117	131	9.75	cps
Molybdenum	96-1	2159	1984	2292	2145	7.21	cps
Molybdenum	97-1	150	108	83	114	29.57	cps
Molybdenum	98-1	192	192	142	175	16.50	cps
Neodymium	150-1	8316	8603	8690	8536	2.29	cps
Neodymium	150-2	3701	3737	3514	3651	3.28	cps
Nickel	60-2	3590	3637	3467	3565	2.46	cps
Phosphorus	31-2	550	908	817	758	24.55	cps
Potassium	39-2	102556	103084	101229	102290	0.93	cps
Rhodium	103-1	3842372	3832530	3807826	3827576	0.46	cps
Rhodium	103-2	2161061	2161165	2079829	2134018	2.20	cps
Scandium	45-1	2616850	2610067	2540898	2589271	1.62	cps
Scandium	45-2	101865	102671	98421	100985	2.24	cps
Selenium	82-1	-70	-141	-140	-117	-34.61	cps
Selenium	77-2	13	23	23	20	28.87	cps
Selenium	78-2	73	85	81	80	7.67	cps
Silicon	28-1	567336	572843	592624	577601	2.30	cps
Silver	109-1	333	200	317	283	25.64	cps
Silver	107-1	325	367	283	325	12.82	cps
Sodium	23-2	43457	42797	44844	43699	2.39	cps
Strontium	86-1	72061	75203	73954	73739	2.15	cps
Strontium	88-1	608772	618619	620541	615977	1.03	cps
Sulfur	34-1	383069	383882	383359	383436	0.11	cps
Terbium	159-1	4067601	4047200	4093926	4069575	0.58	cps
Terbium	159-2	2244086	2226015	2119350	2196484	3.07	cps
Thallium	203-1	192	292	183	222	27.13	cps
Thallium	205-1	475	517	558	517	8.06	cps
Tin	118-1	442	308	292	347	23.68	cps
Titanium	47-1	2009	1642	1417	1689	17.70	cps
Uranium	238-1	1825	2234	2167	2075	10.56	cps
Vanadium	51-2	10938	11355	10677	10990	3.11	cps
Yttrium	89-1	5571013	5392844	5518646	5494168	1.67	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	L1488-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	LF012-TL-NW-200207DL	Dilution Factor :	25
Date & Time Acquired ::	2020-02-12 14:38:29	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	758724	747674	719462	741953	2.73	cps
Zinc	66-2	4264	4267	4144	4225	1.66	cps
Zirconium	90-1	30283	29624	30000	29969	1.10	cps
Zirconium	91-1	6618	6468	6793	6627	2.46	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : CCV11 Instrumnet Name : P8
 Client Sample ID : CCV11 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 14:41:17 DataFile Name : 052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1054926	1045393	1059965	1053428	0.70	cps
Antimony	121-1	1970828	2029739	1990591	1997053	1.50	cps
Arsenic	75-2	82321	82438	81993	82250	0.28	cps
Barium	135-1	1998358	1997265	1980594	1992072	0.50	cps
Barium	137-1	3386750	3415685	3384740	3395725	0.51	cps
Beryllium	9-1	270545	270351	269038	269978	0.30	cps
Bismuth	209-1	2235421	2160934	2173914	2190089	1.82	cps
Bismuth	209-2	1385620	1269794	1384091	1346502	4.93	cps
Boron	10-1	18586	20694	22216	20499	8.89	cps
Boron	11-1	91379	102910	108663	100984	8.72	cps
Bromine	81-1	3524	3644	3694	3621	2.42	cps
Cadmium	111-1	436316	436182	437812	436770	0.21	cps
Cadmium	106-1	45543	46412	45752	45902	0.99	cps
Cadmium	108-1	30989	31507	31185	31227	0.84	cps
Calcium	43-1	2551369	2512172	2465940	2509827	1.70	cps
Calcium	44-1	41220975	40784139	40241564	40748893	1.20	cps
Chromium	52-2	609756	605120	605504	606793	0.42	cps
Cobalt	59-2	1055840	1059238	1049739	1054939	0.46	cps
Copper	63-2	1600584	1649121	1630252	1626652	1.50	cps
Dysprosium	156-1	75	108	100	94	18.37	cps
Dysprosium	156-2	63	57	60	60	5.55	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	20	10	40	23	65.47	cps
Gadolinium	160-1	108	167	133	136	21.50	cps
Gadolinium	160-2	47	70	107	74	40.63	cps
Holmium	165-1	4051759	3989027	4010328	4017038	0.79	cps
Holmium	165-2	2308578	2098836	2311887	2239767	5.45	cps
Indium	115-1	4105983	4130158	4194482	4143541	1.10	cps
Indium	115-2	777469	705273	763590	748777	5.12	cps
Iron	54-2	6224861	6230996	6115251	6190369	1.05	cps
Iron	56-2	111409597	111833355	111140205	111461052	0.31	cps
Iron	57-2	2840522	2799806	2828381	2822903	0.74	cps
Krypton	83-1	900	1000	947	949	5.27	cps
Lead	206-1	898448	905107	885696	896417	1.10	cps
Lead	207-1	774926	785628	772627	777727	0.89	cps
Lead	208-1	3634637	3696775	3631207	3654206	1.01	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:41:17	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	686454	687267	672242	681988	1.24	cps
Magnesium	24-2	15420053	15014249	15159615	15197972	1.35	cps
Manganese	55-2	558237	563618	563320	561725	0.54	cps
Molybdenum	94-1	3796016	3792998	3830080	3806365	0.54	cps
Molybdenum	95-1	4724458	4789617	4787855	4767310	0.78	cps
Molybdenum	96-1	5226470	5253693	5257548	5245904	0.32	cps
Molybdenum	97-1	2952717	2923927	2950578	2942407	0.55	cps
Molybdenum	98-1	7507003	7533423	7493450	7511292	0.27	cps
Neodymium	150-1	100	80	73	84	16.44	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	289401	291570	285234	288735	1.12	cps
Phosphorus	31-2	14891	15559	15559	15336	2.51	cps
Potassium	39-2	7079417	7138718	7203986	7140707	0.87	cps
Rhodium	103-1	3982786	3949372	3978029	3970062	0.46	cps
Rhodium	103-2	2113840	1933836	2114977	2054218	5.08	cps
Scandium	45-1	2760655	2797158	2726619	2761477	1.28	cps
Scandium	45-2	106078	95866	103620	101855	5.23	cps
Selenium	82-1	30162	29615	29427	29735	1.29	cps
Selenium	77-2	1110	1063	1160	1111	4.35	cps
Selenium	78-2	3949	3799	3838	3862	2.02	cps
Silicon	28-1	1503295	1521447	1558047	1527596	1.83	cps
Silver	109-1	2144980	2184388	2159812	2163060	0.92	cps
Silver	107-1	2253474	2318573	2255141	2275729	1.63	cps
Sodium	23-2	30003669	29694705	29850980	29849785	0.52	cps
Strontium	86-1	595866	588274	583209	589116	1.08	cps
Strontium	88-1	5056305	5033057	4923490	5004284	1.42	cps
Sulfur	34-1	517541	524153	519954	520549	0.64	cps
Terbium	159-1	4290732	4318723	4295272	4301576	0.35	cps
Terbium	159-2	2294439	2120141	2317417	2243999	4.81	cps
Thallium	203-1	1121583	1113321	1114647	1116517	0.40	cps
Thallium	205-1	2649968	2686219	2676842	2671009	0.70	cps
Tin	118-1	1366999	1378795	1374052	1373282	0.43	cps
Titanium	47-1	1347754	1357484	1360264	1355167	0.48	cps
Uranium	238-1	3199733	3191416	3130983	3174044	1.18	cps
Vanadium	51-2	489183	491647	490835	490555	0.26	cps
Yttrium	89-1	5933483	5794356	5838234	5855358	1.21	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:41:17	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	768172	699960	769062	745731	5.32	cps
Zinc	66-2	213146	214173	212863	213394	0.32	cps
Zirconium	90-1	3126646	3111148	3107495	3115096	0.33	cps
Zirconium	91-1	681168	689269	683247	684561	0.61	cps

LB Number : LB107723 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P8
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-12 14:44:07 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	573	590	567	4.82	cps
Antimony	121-1	433	442	500	458	7.93	cps
Arsenic	75-2	16	9	10	12	32.45	cps
Barium	135-1	150	133	142	142	5.88	cps
Barium	137-1	225	158	225	203	18.98	cps
Beryllium	9-1	68	62	84	71	15.94	cps
Bismuth	209-1	2162212	2116586	2126888	2135229	1.12	cps
Bismuth	209-2	1368784	1370276	1379752	1372938	0.43	cps
Boron	10-1	2876	2660	2392	2642	9.18	cps
Boron	11-1	13642	12949	11816	12802	7.20	cps
Bromine	81-1	3824	2923	3594	3447	13.58	cps
Cadmium	111-1	682	684	699	688	1.37	cps
Cadmium	106-1	875	867	892	878	1.45	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	433	617	642	564	20.17	cps
Calcium	44-1	51618	50882	50347	50949	1.25	cps
Chromium	52-2	1610	1893	1763	1756	8.08	cps
Cobalt	59-2	107	183	137	142	27.16	cps
Copper	63-2	403	463	440	436	6.95	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	50	8	42	33	66.15	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	3794326	3809520	3862046	3821964	0.93	cps
Holmium	165-2	2181354	2205695	2182990	2190013	0.62	cps
Indium	115-1	3902336	3878416	3902318	3894356	0.35	cps
Indium	115-2	742201	724599	734644	733815	1.20	cps
Iron	54-2	1350	1483	1306	1380	6.71	cps
Iron	56-2	16971	18301	18618	17963	4.86	cps
Iron	57-2	439	439	450	443	1.45	cps
Krypton	83-1	1023	993	860	959	9.07	cps
Lead	206-1	344	322	300	322	6.90	cps
Lead	207-1	272	278	233	261	9.27	cps
Lead	208-1	1333	1267	1161	1254	6.93	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:44:07	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	645113	646331	659265	650236	1.21	cps
Magnesium	24-2	1758	1992	2067	1939	8.29	cps
Manganese	55-2	217	150	183	183	18.18	cps
Molybdenum	94-1	458	308	367	378	20.02	cps
Molybdenum	95-1	475	358	392	408	14.72	cps
Molybdenum	96-1	542	467	475	494	8.31	cps
Molybdenum	97-1	258	258	183	233	18.56	cps
Molybdenum	98-1	592	500	775	622	22.50	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113	147	110	123	16.44	cps
Phosphorus	31-2	175	208	92	158	37.95	cps
Potassium	39-2	26400	25815	26575	26263	1.51	cps
Rhodium	103-1	3824508	3843536	3882478	3850174	0.77	cps
Rhodium	103-2	2118492	2118955	2119674	2119041	0.03	cps
Scandium	45-1	2554024	2566987	2615150	2578721	1.25	cps
Scandium	45-2	99381	99317	98243	98981	0.65	cps
Selenium	82-1	-97	-21	77	-14	-641.63	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	68	69	71	69	2.20	cps
Silicon	28-1	540966	538356	534068	537797	0.65	cps
Silver	109-1	133	183	208	175	21.82	cps
Silver	107-1	167	175	225	189	16.70	cps
Sodium	23-2	41050	42095	41008	41384	1.49	cps
Strontium	86-1	1425	1542	1408	1458	4.98	cps
Strontium	88-1	375	417	392	394	5.32	cps
Sulfur	34-1	380401	378243	379125	379256	0.29	cps
Terbium	159-1	4108490	4049811	4125123	4094475	0.97	cps
Terbium	159-2	2214255	2172518	2184890	2190554	0.98	cps
Thallium	203-1	525	550	575	550	4.55	cps
Thallium	205-1	1508	1150	1283	1314	13.79	cps
Tin	118-1	325	392	367	361	9.33	cps
Titanium	47-1	708	825	825	786	8.57	cps
Uranium	238-1	200	158	258	206	24.44	cps
Vanadium	51-2	60	63	93	72	25.42	cps
Yttrium	89-1	5534785	5363096	5430115	5442665	1.59	cps

LB Number :	LB107723	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-02-12 14:44:07	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	731250	727206	718889	725782	0.87	cps
Zinc	66-2	177	177	140	164	12.87	cps
Zirconium	90-1	450	392	517	453	13.82	cps
Zirconium	91-1	67	100	175	114	48.72	cps