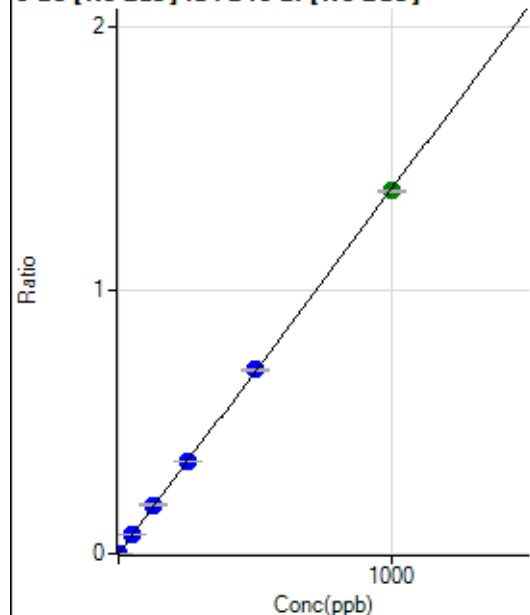


Batch Folder: D:\P8110118-MS.b\
Analysis File: P8110118-MS.batch.bin
DA Date-Time: 2018-11-01 17:08:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-11-01 12:13:39
2			
3	006CAL.S.d	S02	2018-11-01 12:20:53
4	007CAL.S.d	S03	2018-11-01 12:24:39
5	008CAL.S.d	S04	2018-11-01 12:28:24
6	009CAL.S.d	S05	2018-11-01 12:32:04
7	010CAL.S.d	S06	2018-11-01 12:35:38
8	011CAL.S.d	S07	2018-11-01 12:39:07
9	012CAL.S.d	S08	2018-11-01 12:42:28

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	0.945	1690.88	0.0015	P	8.2
4	☐	50.000	50.948	81228.67	0.0706	P	3.2
5	☐	125.000	134.154	203813.57	0.1855	P	6.7
6	☐	250.000	253.896	401359.80	0.3509	P	1.1
7	☐	500.000	504.415	791042.44	0.6971	P	1.0
8	☐	1000.000	995.627	1546460.34	1.3757	A	0.7
9	☐			416.68	0.0004	P	10.6

$$y = 0.0014 * x + 1.6318E-004$$

$$R = 0.9999$$

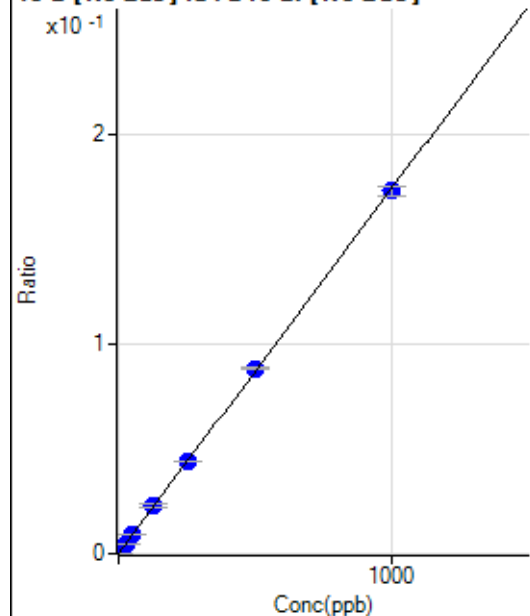
$$DL = 0.02851$$

$$BEC = 0.1181$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0001	P	21.9
2	☐	2.500					
3	☐	25.000	24.259	4959.40	0.0043	P	5.3
4	☐	50.000	51.260	10356.94	0.0090	P	5.9
5	☐	125.000	131.320	25156.16	0.0229	P	6.5
6	☐	250.000	253.788	50501.12	0.0442	P	0.6
7	☐	500.000	507.841	100170.77	0.0883	P	0.9
8	☐	1000.000	994.298	194121.56	0.1727	P	2.6
9	☐			2958.76	0.0027	P	2.0

$$y = 1.7361E-004 * x + 9.6282E-005$$

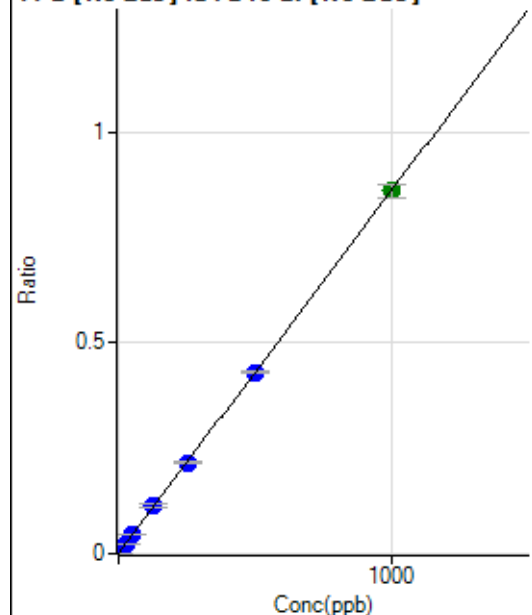
$$R = 0.9999$$

$$DL = 0.3639$$

$$BEC = 0.5546$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	730.61	0.0007	P	11.3
2	☐	2.500					
3	☐	25.000	25.074	25609.88	0.0222	P	5.2
4	☐	50.000	51.166	51498.63	0.0447	P	3.1
5	☐	125.000	132.061	125637.66	0.1144	P	7.8
6	☐	250.000	250.136	247163.01	0.2161	P	2.0
7	☐	500.000	499.740	489231.36	0.4311	P	1.6
8	☐	1000.000	999.153	967918.10	0.8613	A	3.4
9	☐			14719.28	0.0136	P	8.4

$$y = 8.6136E-004 * x + 6.5055E-004$$

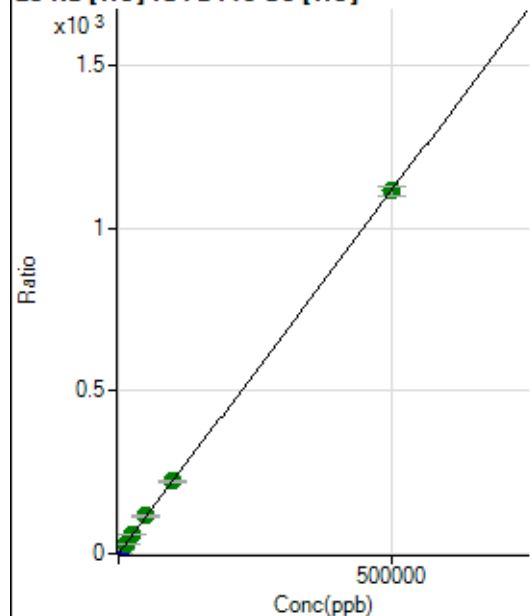
$$R = 1.0000$$

$$DL = 0.2559$$

$$BEC = 0.7553$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9328.41	0.2374	P	3.3
2	☐	50.000					
3	☐	500.000	551.219	58113.92	1.4666	P	2.8
4	☐	5000.000	5551.356	500134.59	12.6159	P	0.7
5	☐	12500.000	13715.027	1232477.10	30.8192	A	3.1
6	☐	25000.000	26842.816	2425766.66	60.0916	A	0.8
7	☐	50000.000	51912.224	4685136.69	115.9913	A	2.1
8	☐	100000.00	99864.260	9189799.60	222.9148	A	1.8
9	☐	500000.00	499707.84	45058636.77	1,114.485	A	2.4

$$y = 0.0022 * x + 0.2374$$

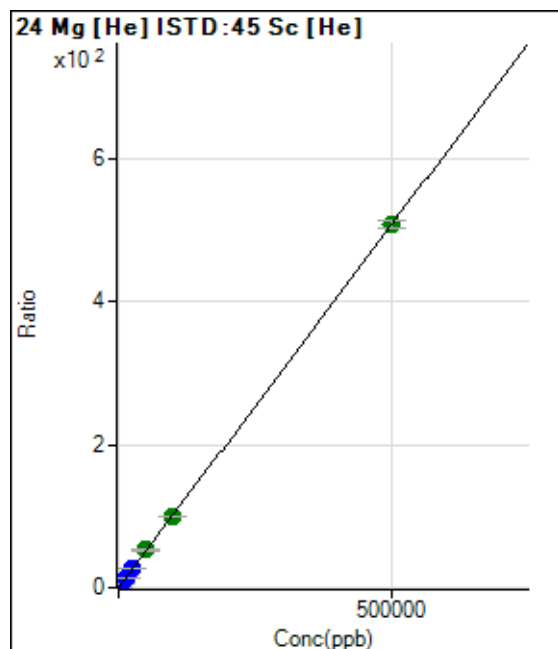
$$R = 1.0000$$

$$DL = 10.46$$

$$BEC = 106.5$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.02	0.0057	P	30.6
2	☐	50.000					
3	☐	500.000	535.225	21759.16	0.5494	P	5.7
4	☐	5000.000	5415.625	218314.17	5.5070	P	0.8
5	☐	12500.000	13378.917	543774.73	13.5963	P	2.4
6	☐	25000.000	26369.278	1081536.76	26.7921	P	0.9
7	☐	50000.000	52284.437	2145321.23	53.1172	A	2.8
8	☐	100000.00	98768.287	4136708.99	100.3364	A	0.9
9	☐	500000.00	499923.27	20532425.98	507.8369	A	2.2

$$y = 0.0010 * x + 0.0057$$

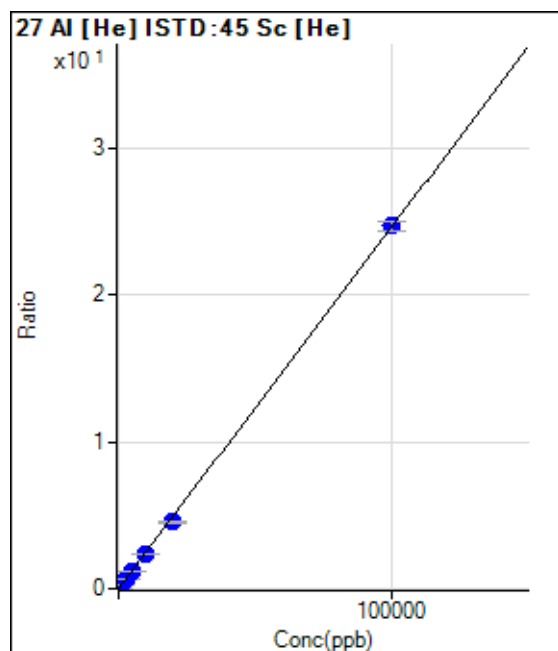
$$R = 1.0000$$

$$DL = 5.179$$

$$BEC = 5.641$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.68	0.0011	P	24.9
2	☐	2.000					
3	☐	20.000	23.330	270.08	0.0068	P	8.1
4	☐	1000.000	1020.184	10008.60	0.2525	P	0.9
5	☐	2500.000	2502.589	24706.00	0.6178	P	2.7
6	☐	5000.000	4902.952	48816.16	1.2093	P	0.3
7	☐	10000.000	9540.434	95003.68	2.3520	P	2.1
8	☐	20000.000	18452.437	187509.28	4.5482	P	1.2
9	☐	100000.00	100360.05	999906.79	24.7320	P	2.4

$$y = 2.4642E-004 * x + 0.0011$$

$$R = 0.9999$$

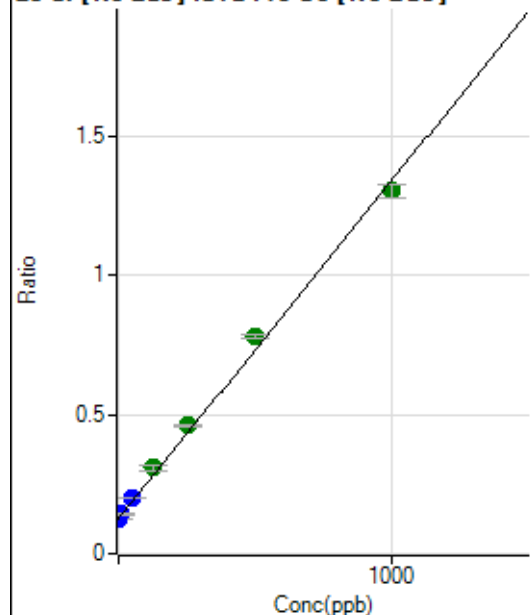
$$DL = 3.219$$

$$BEC = 4.309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	407627.28	0.1261	P	2.2
2	☐	1.000					
3	☐	10.000	14.468	473496.47	0.1436	P	4.7
4	☐	50.000	61.562	670554.17	0.2008	P	2.6
5	☐	125.000	149.657	969613.55	0.3076	A	5.9
6	☐	250.000	276.584	1544599.47	0.4615	A	1.7
7	☐	500.000	539.190	2635711.17	0.7799	A	1.7
8	☐	1000.000	970.054	4439804.74	1.3024	A	3.6
9	☐			707203.23	0.2172	P	3.1

$$y = 0.0012 * x + 0.1261$$

$$R = 0.9983$$

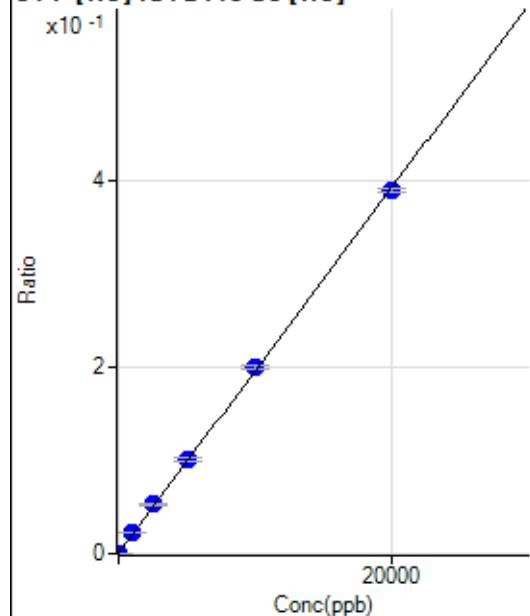
$$DL = 6.864$$

$$BEC = 104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.806	13.89	0.0003	P	124.0
2	☐	0.000					
3	☐	0.000	1.806	16.67	0.0004	P	2.5
4	☐	1000.000	1144.875	905.63	0.0228	P	4.9
5	☐	2500.000	2684.770	2122.48	0.0530	P	5.1
6	☐	5000.000	5166.297	4106.34	0.1017	P	3.2
7	☐	10000.000	10172.903	8074.91	0.1999	P	2.7
8	☐	20000.000	19841.634	16062.53	0.3896	P	1.2
9	☐			19.44	0.0005	P	89.8

$$y = 1.9615E-005 * x + 3.8526E-004$$

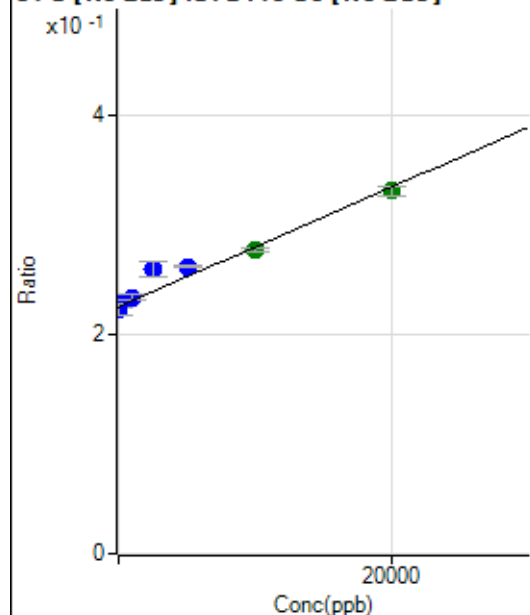
$$R = 0.9999$$

$$DL = 33.97$$

$$BEC = 19.64$$

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	474.373	735319.25	0.2275	P	3.1
2	☐	0.000					
3	☐	0.000	-474.373	732745.16	0.2223	P	5.1
4	☐	1000.000	1526.706	779083.19	0.2332	P	2.5
5	☐	2500.000	6285.952	817247.13	0.2592	P	5.1
6	☐	5000.000	6694.178	874941.45	0.2614	P	0.4
7	☐	10000.000	9471.748	934528.05	0.2765	A	1.3
8	☐	20000.000	19341.002	1126325.07	0.3303	A	2.4
9	☐			624846.59	0.1919	P	2.7

$$y = 5.4498\text{E-}006 * x + 0.2249$$

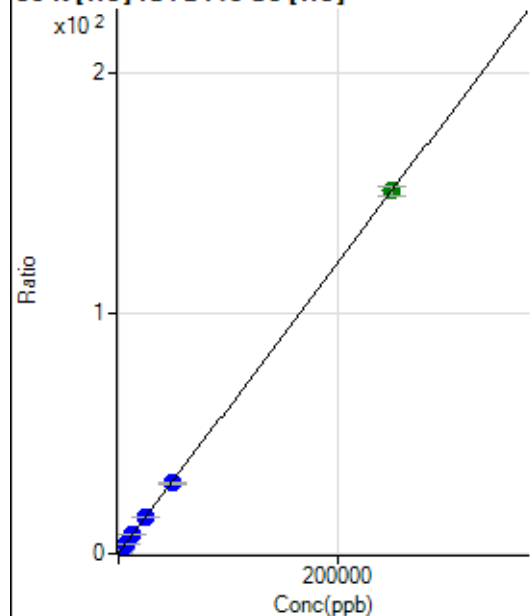
$$R = 0.9765$$

$$DL = 5096$$

$$BEC = 4.127\text{E}+04$$

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	6126.62	0.1560	P	2.5
2	☐	50.000					
3	☐	500.000	525.137	18732.64	0.4727	P	2.6
4	☐	2500.000	2617.707	68782.61	1.7349	P	1.0
5	☐	6250.000	6474.856	162448.68	4.0614	P	1.9
6	☐	12500.000	12812.903	318283.26	7.8844	P	0.6
7	☐	25000.000	25126.082	618470.82	15.3114	P	1.9
8	☐	50000.000	48372.943	1209334.24	29.3332	P	1.1
9	☐	250000.00	250290.30	6109831.95	151.1242	A	2.5

$$y = 6.0317\text{E-}004 * x + 0.1560$$

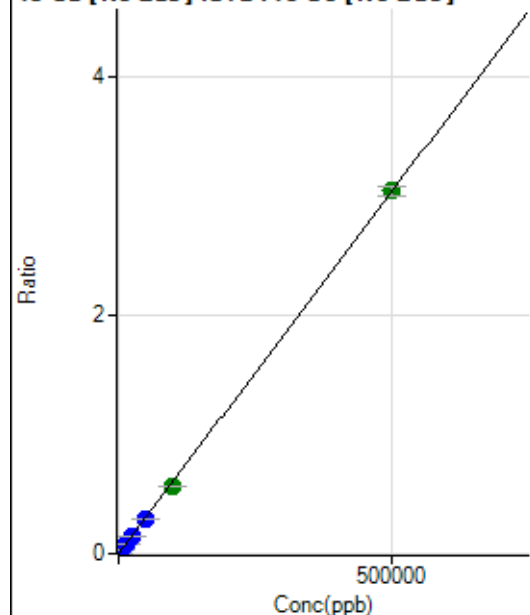
$$R = 1.0000$$

$$DL = 19.46$$

$$BEC = 258.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	630.60	0.0002	P	13.9
2	☐	50.000					
3	☐	500.000	466.610	9978.98	0.0030	P	0.6
4	☐	5000.000	4725.100	96296.53	0.0288	P	4.1
5	☐	12500.000	12637.860	242121.71	0.0768	P	5.5
6	☐	25000.000	23898.345	485472.42	0.1450	P	1.4
7	☐	50000.000	47229.583	968089.80	0.2865	P	0.4
8	☐	100000.00	93259.910	1928173.96	0.5655	A	1.9
9	☐	500000.00	501679.47	9898855.34	3.0409	A	2.9

$$y = 6.0611\text{E-}006 * x + 1.9479\text{E-}004$$

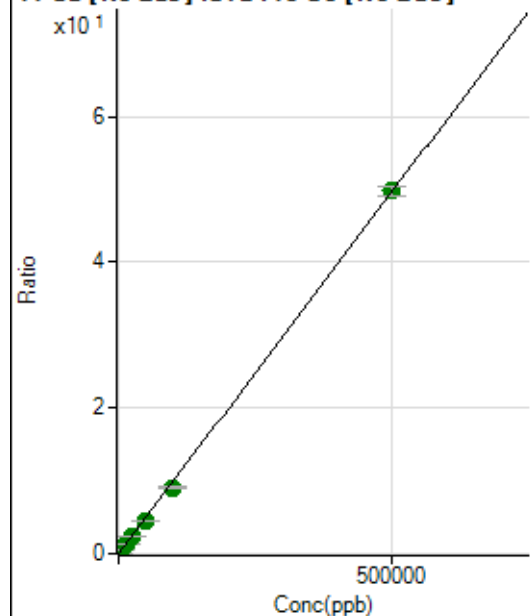
$$R = 0.9999$$

$$DL = 13.35$$

$$BEC = 32.14$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34866.50	0.0108	P	3.4
2	☐	50.000					
3	☐	500.000	469.660	189132.96	0.0574	P	3.7
4	☐	5000.000	4800.429	1625912.65	0.4868	A	2.8
5	☐	12500.000	12630.005	3982285.81	1.2631	A	5.7
6	☐	25000.000	23494.205	7833617.62	2.3404	A	0.9
7	☐	50000.000	46317.259	15557306.77	4.6034	A	0.6
8	☐	100000.00	91693.601	31037125.69	9.1028	A	2.5
9	☐	500000.00	502103.61	162100741.1	49.7975	A	3.0

$$y = 9.9156\text{E-}005 * x + 0.0108$$

$$R = 0.9998$$

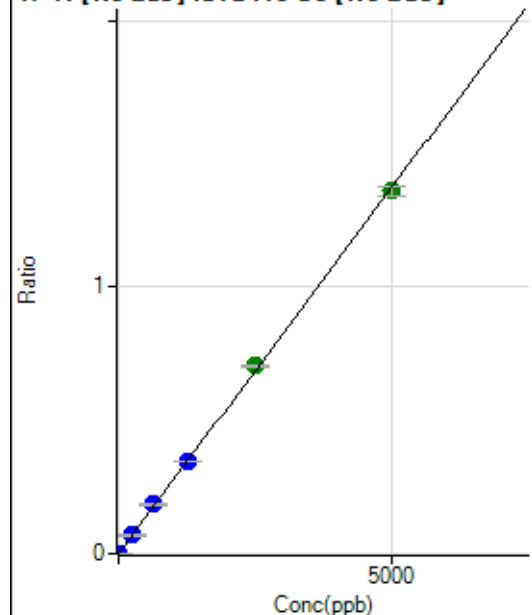
$$DL = 11.14$$

$$BEC = 108.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0001	P	6.1
2	☐	0.500					
3	☐	5.000	5.127	4812.17	0.0015	P	9.7
4	☐	250.000	249.672	229220.34	0.0686	P	3.0
5	☐	625.000	672.255	582394.81	0.1847	P	5.1
6	☐	1250.000	1268.523	1166367.35	0.3485	P	0.6
7	☐	2500.000	2562.295	2378534.56	0.7038	A	1.0
8	☐	5000.000	4958.331	4643402.49	1.3619	A	2.7
9	☐			1389.03	0.0004	P	12.7

$$y = 2.7466E-004 * x + 5.4158E-005$$

$$R = 0.9998$$

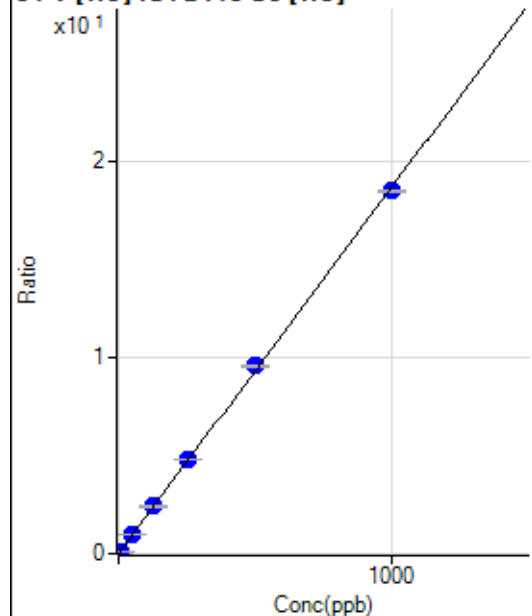
$$DL = 0.03629$$

$$BEC = 0.1972$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0006	P	35.4
2	☐	0.500					
3	☐	5.000	5.107	3808.36	0.0960	P	3.5
4	☐	50.000	52.529	38926.28	0.9820	P	1.5
5	☐	125.000	129.993	97153.92	2.4291	P	2.3
6	☐	250.000	258.261	194792.83	4.8254	P	0.8
7	☐	500.000	512.305	386631.21	9.5714	P	1.6
8	☐	1000.000	991.031	763336.92	18.5149	P	0.8
9	☐			353.34	0.0087	P	5.5

$$y = 0.0187 * x + 6.2417E-004$$

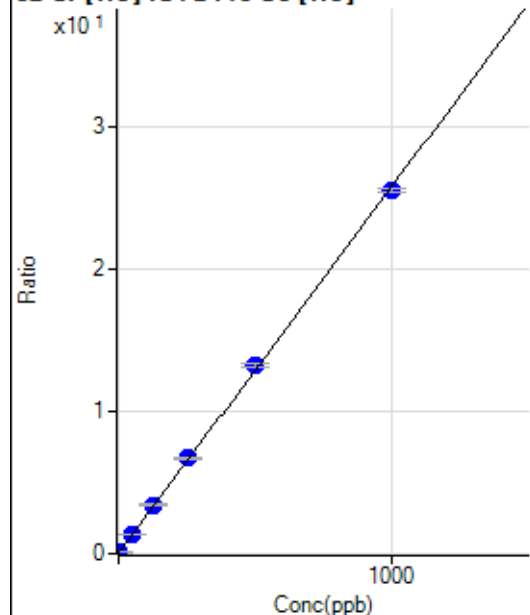
$$R = 0.9998$$

$$DL = 0.03552$$

$$BEC = 0.03341$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1136.73	0.0289	P	1.6
2	☐	0.200					
3	☐	2.000	2.205	3393.80	0.0856	P	2.5
4	☐	50.000	52.549	54685.46	1.3793	P	1.3
5	☐	125.000	131.098	135885.32	3.3978	P	2.9
6	☐	250.000	259.101	269950.77	6.6872	P	0.5
7	☐	500.000	515.095	535828.02	13.2655	P	2.0
8	☐	1000.000	989.287	1049282.81	25.4510	P	1.1
9	☐			49904.29	1.2345	P	3.3

$$y = 0.0257 * x + 0.0289$$

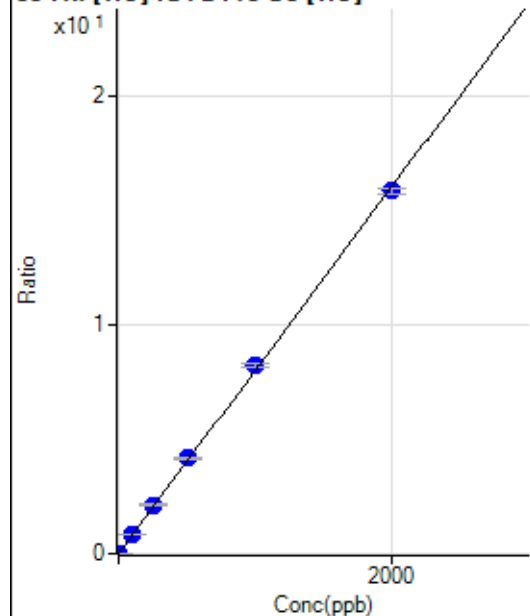
$$R = 0.9998$$

$$DL = 0.05505$$

$$BEC = 1.126$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0012	P	19.3
2	☐	0.100					
3	☐	1.000	1.167	417.79	0.0105	P	13.0
4	☐	100.000	107.341	34172.04	0.8619	P	1.0
5	☐	250.000	264.834	84968.92	2.1248	P	3.5
6	☐	500.000	519.980	168365.21	4.1708	P	1.1
7	☐	1000.000	1026.266	332456.27	8.2306	P	2.0
8	☐	2000.000	1979.651	654501.32	15.8755	P	1.3
9	☐			4496.35	0.1112	P	4.0

$$y = 0.0080 * x + 0.0012$$

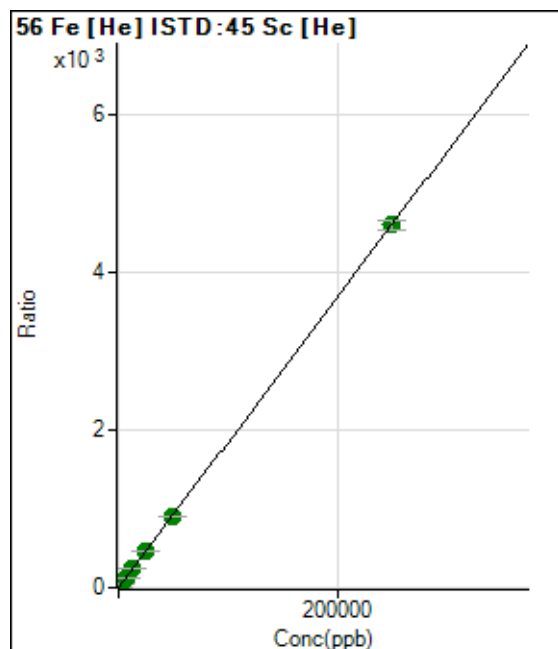
$$R = 0.9998$$

$$DL = 0.0857$$

$$BEC = 0.1482$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2285.44	0.0582	P	4.9
2	☐	5.000					
3	☐	50.000	54.094	41736.95	1.0532	P	1.9
4	☐	2500.000	2669.852	1949157.39	49.1690	A	1.2
5	☐	6250.000	6468.122	4760900.45	119.0367	A	2.3
6	☐	12500.000	12726.754	9452713.17	234.1618	A	0.5
7	☐	25000.000	25295.324	18796454.12	465.3558	A	2.2
8	☐	50000.000	48861.078	37056032.77	898.8386	A	1.5
9	☐	250000.00	250179.76	186060715.2	4,602.017	A	2.3

$$y = 0.0184 * x + 0.0582$$

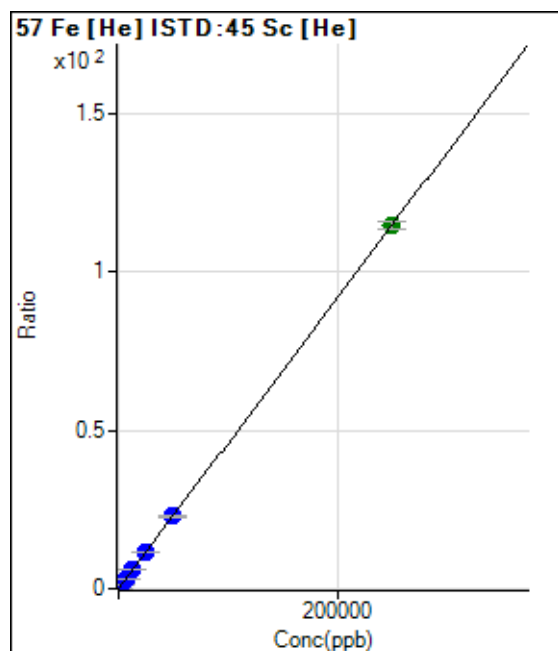
$$R = 1.0000$$

$$DL = 0.4611$$

$$BEC = 3.162$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0021	P	29.2
2	☐	5.000					
3	☐	50.000	49.037	974.14	0.0246	P	6.3
4	☐	2500.000	2638.069	47972.06	1.2102	P	2.2
5	☐	6250.000	6507.019	119260.52	2.9820	P	2.6
6	☐	12500.000	12945.990	239407.23	5.9307	P	1.1
7	☐	25000.000	25572.930	473155.34	11.7132	P	1.5
8	☐	50000.000	49755.632	939448.99	22.7876	P	1.5
9	☐	250000.00	249961.47	4628220.53	114.4712	A	2.1

$$y = 4.5795E-004 * x + 0.0021$$

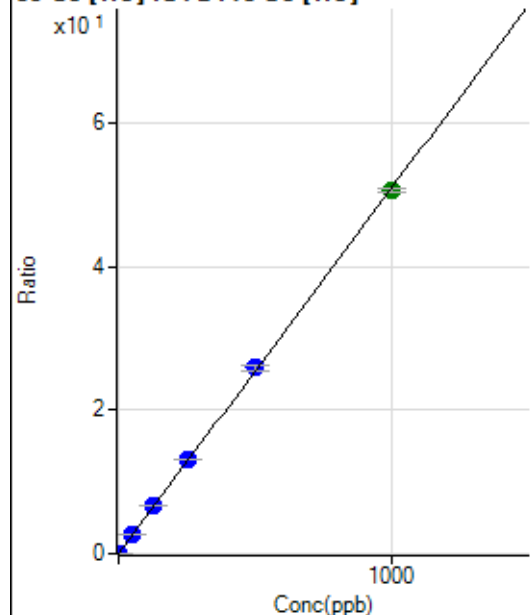
$$R = 1.0000$$

$$DL = 4.046$$

$$BEC = 4.622$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.33	0.0037	P	23.5
2	☐	0.100					
3	☐	1.000	1.088	2343.57	0.0591	P	2.7
4	☐	50.000	52.851	106961.11	2.6979	P	0.3
5	☐	125.000	131.055	267333.54	6.6847	P	2.8
6	☐	250.000	257.946	530975.61	13.1534	P	0.8
7	☐	500.000	508.270	1046726.24	25.9146	P	2.3
8	☐	1000.000	992.979	2087133.20	50.6245	A	1.1
9	☐			26312.85	0.6507	P	1.1

$$y = 0.0510 * x + 0.0037$$

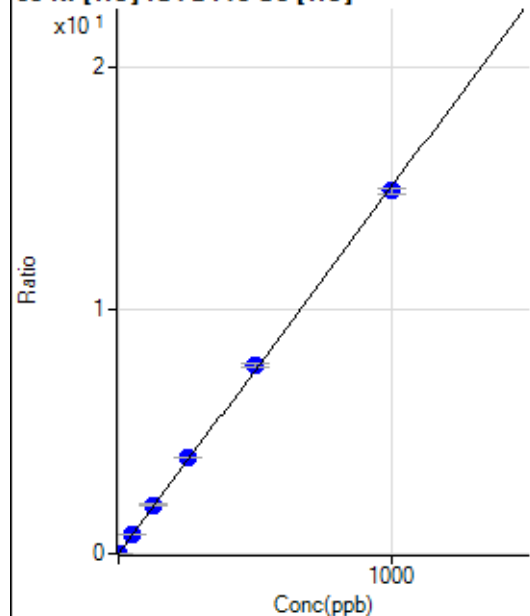
$$R = 0.9999$$

$$DL = 0.05063$$

$$BEC = 0.0717$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0030	P	22.5
2	☐	0.100					
3	☐	1.000	1.008	718.92	0.0182	P	5.1
4	☐	50.000	53.948	32316.58	0.8152	P	0.7
5	☐	125.000	133.207	80313.22	2.0085	P	3.7
6	☐	250.000	261.136	158829.01	3.9345	P	0.7
7	☐	500.000	514.771	313161.91	7.7531	P	2.1
8	☐	1000.000	988.607	613743.01	14.8869	P	1.3
9	☐			23914.08	0.5914	P	1.8

$$y = 0.0151 * x + 0.0030$$

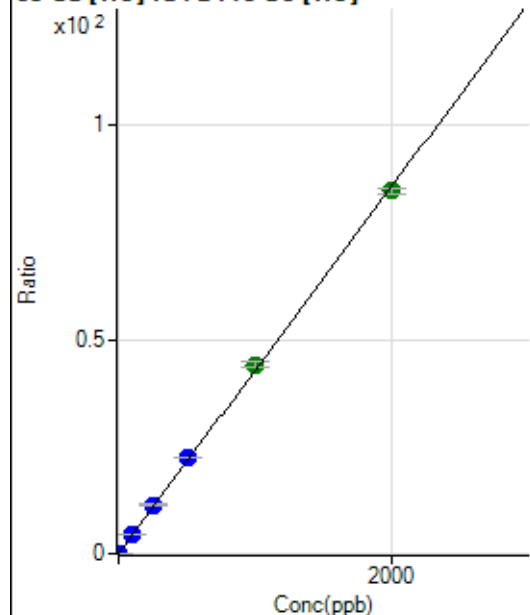
$$R = 0.9998$$

$$DL = 0.1331$$

$$BEC = 0.1976$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	956.72	0.0244	P	0.5
2	☐	0.200					
3	☐	2.000	2.193	4686.43	0.1182	P	1.3
4	☐	100.000	106.713	182023.54	4.5918	P	1.4
5	☐	250.000	264.522	453766.62	11.3461	P	2.6
6	☐	500.000	520.951	901083.83	22.3214	P	0.3
7	☐	1000.000	1031.058	1783367.66	44.1544	A	2.8
8	☐	2000.000	1977.082	3489616.03	84.6449	A	1.5
9	☐			9430.00	0.2333	P	3.1

$$y = 0.0428 * x + 0.0244$$

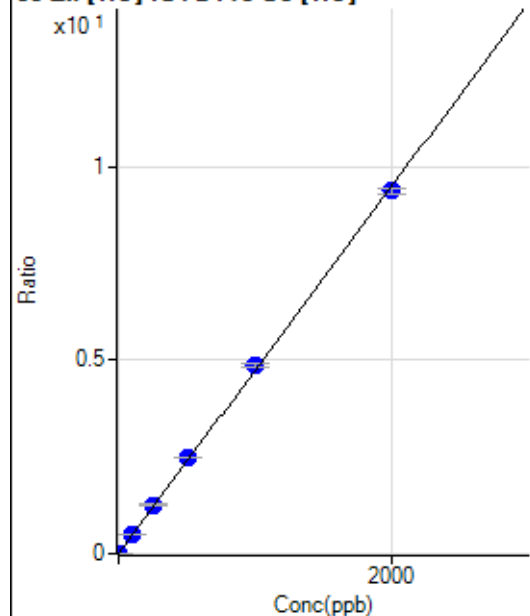
$$R = 0.9997$$

$$DL = 0.008604$$

$$BEC = 0.5691$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0016	P	9.7
2	☐	0.200					
3	☐	2.000	2.424	517.80	0.0131	P	12.5
4	☐	100.000	106.816	20157.08	0.5084	P	0.4
5	☐	250.000	266.623	50661.14	1.2668	P	2.7
6	☐	500.000	523.420	100328.70	2.4853	P	0.4
7	☐	1000.000	1030.195	197515.74	4.8901	P	2.2
8	☐	2000.000	1976.628	386744.37	9.3811	P	1.6
9	☐			3262.66	0.0807	P	3.4

$$y = 0.0047 * x + 0.0016$$

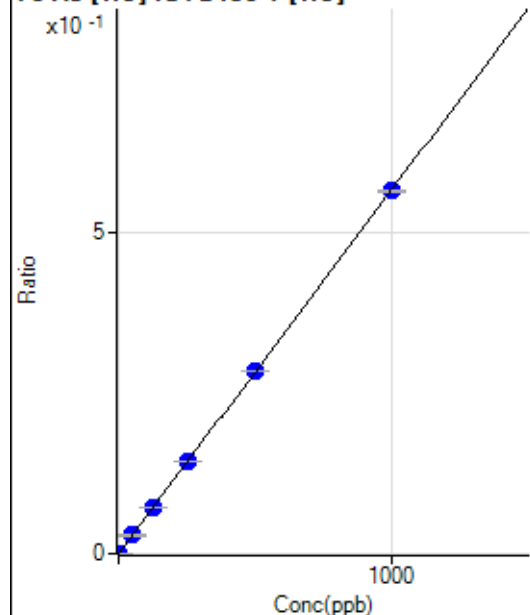
$$R = 0.9997$$

$$DL = 0.09678$$

$$BEC = 0.3335$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.88	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.934	138.89	0.0006	P	19.3
4	☐	50.000	50.396	6996.89	0.0286	P	1.5
5	☐	125.000	127.309	17703.41	0.0721	P	2.1
6	☐	250.000	254.485	35438.59	0.1440	P	1.2
7	☐	500.000	501.906	70188.08	0.2840	P	0.8
8	☐	1000.000	997.618	139702.31	0.5644	P	0.7
9	☐			268.52	0.0011	P	0.8

$$y = 5.6571\text{E-}004 * x + 4.1348\text{E-}005$$

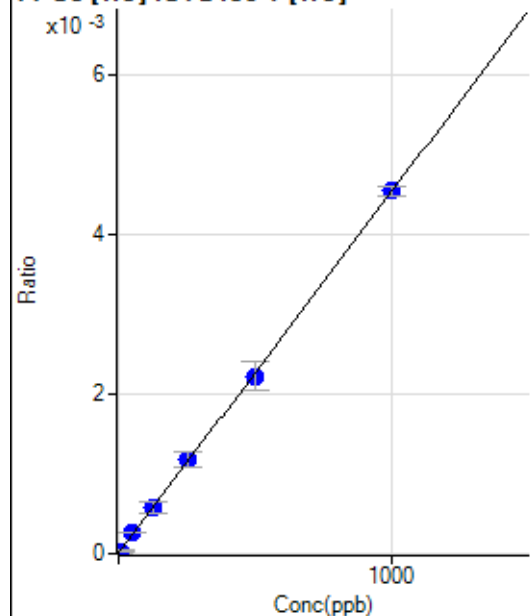
$$R = 1.0000$$

$$DL = 0.0239$$

$$BEC = 0.07309$$

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	☐	0.500					
3	☐	5.000	6.017	7.78	0.0000	P	65.1
4	☐	50.000	55.960	63.33	0.0003	P	3.9
5	☐	125.000	127.020	142.23	0.0006	P	26.9
6	☐	250.000	260.788	292.23	0.0012	P	16.0
7	☐	500.000	489.356	548.91	0.0022	P	16.1
8	☐	1000.000	1002.069	1125.62	0.0045	P	2.3
9	☐			2.22	0.0000	P	86.6

$$y = 4.5329\text{E-}006 * x + 4.6511\text{E-}006$$

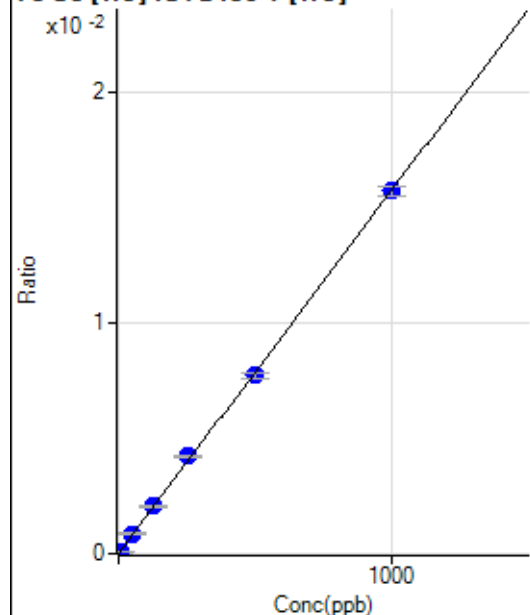
$$R = 0.9998$$

$$DL = 5.332$$

$$BEC = 1.026$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.3
2	☐	0.500					
3	☐	5.000	4.631	20.37	0.0001	P	22.4
4	☐	50.000	53.351	208.03	0.0008	P	8.0
5	☐	125.000	129.362	502.48	0.0020	P	2.8
6	☐	250.000	268.881	1043.26	0.0042	P	2.4
7	☐	500.000	490.557	1909.41	0.0077	P	3.4
8	☐	1000.000	999.290	3892.56	0.0157	P	2.5
9	☐			6.17	0.0000	P	95.8

$$y = 1.5728\text{E-}005 * x + 1.0327\text{E-}005$$

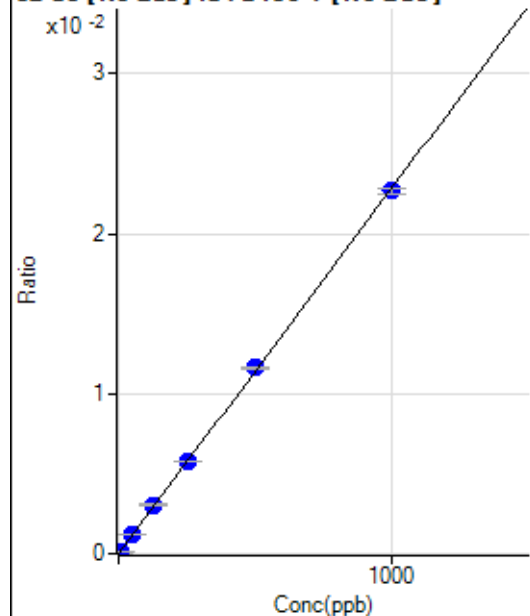
$$R = 0.9997$$

$$DL = 0.8537$$

$$BEC = 0.6566$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-24.38	0.0000	P	-172.
2	☐	0.500					
3	☐	5.000	5.696	596.05	0.0001	P	6.1
4	☐	50.000	51.701	5716.06	0.0012	P	0.2
5	☐	125.000	133.015	14138.06	0.0030	P	3.7
6	☐	250.000	252.781	28750.07	0.0058	P	2.0
7	☐	500.000	509.073	58066.79	0.0116	P	1.3
8	☐	1000.000	993.678	115946.91	0.0227	P	1.3
9	☐			157.65	0.0000	P	15.0

$$y = 2.2829\text{E-}005 * x - 5.2489\text{E-}006$$

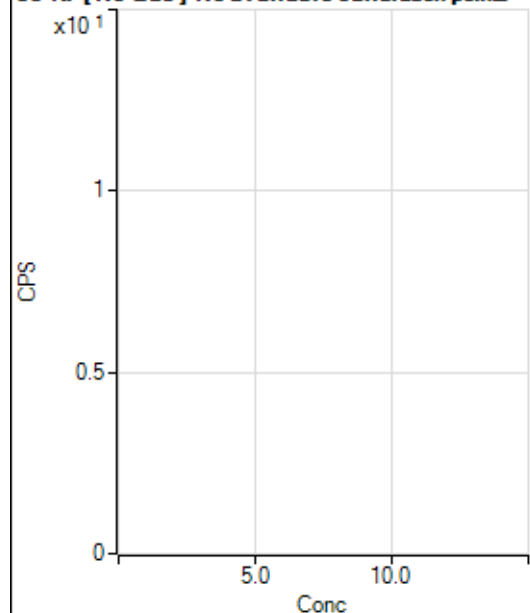
$$R = 0.9999$$

$$DL = 1.192$$

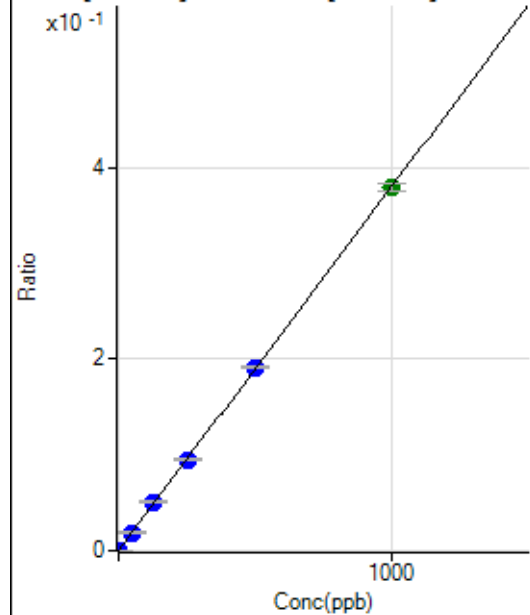
$$BEC = -0.2299$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			717.81		P	3.1
2	☐						
3	☐			690.03		P	3.6
4	☐			686.70		P	12.3
5	☐			722.26		P	1.6
6	☐			697.81		P	11.4
7	☐			648.92		P	2.1
8	☐			734.48		P	6.2
9	☐			674.48		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1072.31	0.0002	P	12.5
2	☐	0.100					
3	☐	1.000	1.072	3033.82	0.0006	P	5.0
4	☐	50.000	49.229	92060.74	0.0189	P	2.3
5	☐	125.000	132.927	236446.41	0.0507	P	5.6
6	☐	250.000	250.107	474942.55	0.0952	P	1.1
7	☐	500.000	503.327	956969.00	0.1914	P	1.0
8	☐	1000.000	997.358	1938051.87	0.3791	A	2.1
9	☐			10579.61	0.0021	P	4.7

$$y = 3.7989\text{E-}004 * x + 2.2812\text{E-}004$$

$$R = 1.0000$$

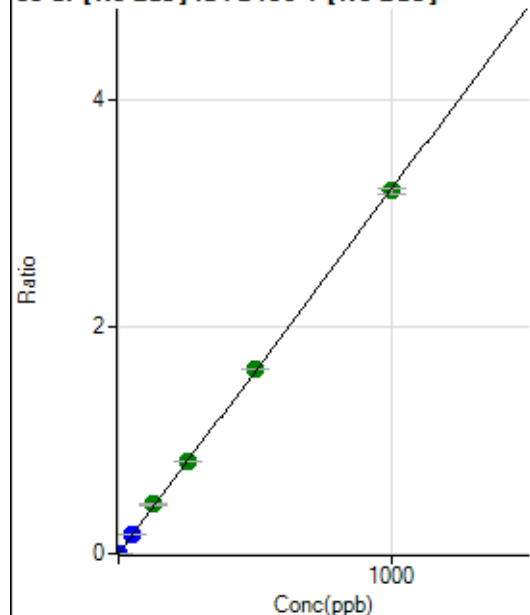
$$DL = 0.2249$$

$$BEC = 0.6005$$

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	69.45	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	1.036	15974.07	0.0033	P	4.0
4	☐	50.000	50.970	796067.06	0.1637	P	2.1
5	☐	125.000	135.879	2033830.43	0.4363	A	5.6
6	☐	250.000	254.241	4071230.00	0.8164	A	0.9
7	☐	500.000	505.476	8114351.48	1.6232	A	0.1
8	☐	1000.000	994.793	16330504.88	3.1944	A	1.5
9	☐			80155.24	0.0162	P	3.1

$$y = 0.0032 * x + 1.4783E-005$$

$$R = 0.9999$$

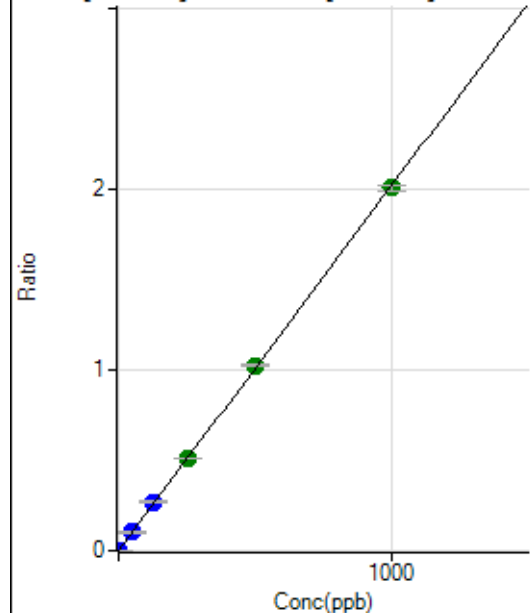
$$DL = 0.002128$$

$$BEC = 0.004604$$

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	447.25	0.0001	P	21.7
2	☐	0.100					
3	☐	1.000	1.013	10240.50	0.0021	P	3.5
4	☐	50.000	50.067	492558.53	0.1013	P	2.9
5	☐	125.000	134.178	1264526.88	0.2713	P	5.6
6	☐	250.000	254.112	2561725.88	0.5137	A	0.6
7	☐	500.000	507.998	5133112.75	1.0268	A	0.8
8	☐	1000.000	993.822	10269010.65	2.0088	A	1.8
9	☐			5209.61	0.0011	P	6.0

$$y = 0.0020 * x + 9.5231E-005$$

$$R = 0.9999$$

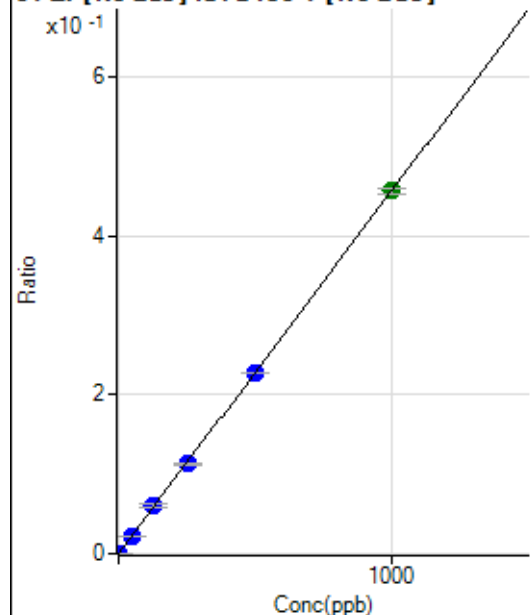
$$DL = 0.03073$$

$$BEC = 0.04712$$

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	80.56	0.0000	P	79.5
2	☐	0.100					
3	☐	1.000	0.986	2233.61	0.0005	P	5.9
4	☐	50.000	49.044	108989.73	0.0224	P	2.5
5	☐	125.000	132.602	282326.98	0.0606	P	5.3
6	☐	250.000	248.285	565433.73	0.1134	P	1.5
7	☐	500.000	498.277	1137436.72	0.2275	P	0.5
8	☐	1000.000	1000.388	2335310.28	0.4568	A	1.8
9	☐			1158.43	0.0002	P	7.8

$$y = 4.5661\text{E-}004 * x + 1.7228\text{E-}005$$

$$R = 1.0000$$

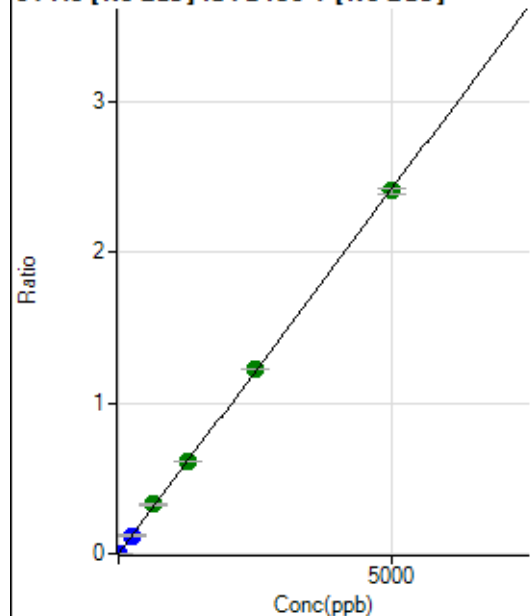
$$DL = 0.08998$$

$$BEC = 0.03773$$

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	238.90	0.0001	P	4.0
2	☐	0.500					
3	☐	5.000	5.161	12175.43	0.0025	P	4.7
4	☐	250.000	250.499	589969.57	0.1213	P	1.9
5	☐	625.000	673.206	1519423.24	0.3259	A	5.0
6	☐	1250.000	1261.494	3045398.07	0.6107	A	0.7
7	☐	2500.000	2526.057	6112838.12	1.2228	A	0.3
8	☐	5000.000	4978.047	12319093.33	2.4097	A	1.4
9	☐			15478.95	0.0031	P	2.1

$$y = 4.8406\text{E-}004 * x + 5.0749\text{E-}005$$

$$R = 0.9999$$

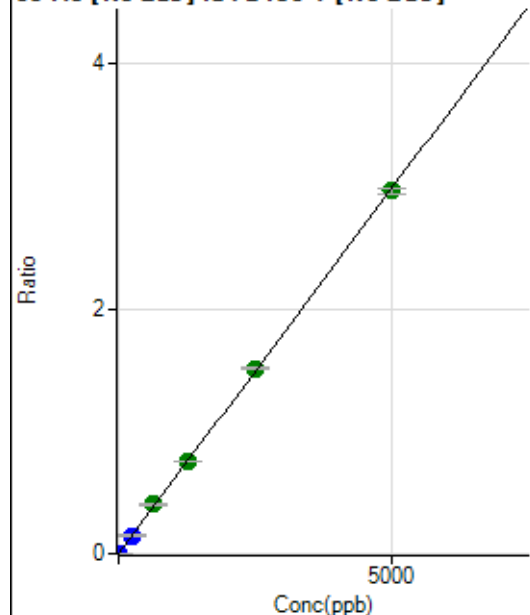
$$DL = 0.0127$$

$$BEC = 0.1048$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	36.9
2	☐	0.500					
3	☐	5.000	5.159	14775.41	0.0031	P	5.0
4	☐	250.000	248.655	720736.45	0.1482	P	2.3
5	☐	625.000	678.178	1884256.40	0.4042	A	4.9
6	☐	1250.000	1271.721	3779345.22	0.7579	A	0.9
7	☐	2500.000	2535.163	7552373.52	1.5108	A	0.7
8	☐	5000.000	4970.408	15142668.39	2.9620	A	1.3
9	☐			23446.26	0.0048	P	5.5

$$y = 5.9592E-004 * x + 1.9493E-005$$

$$R = 0.9999$$

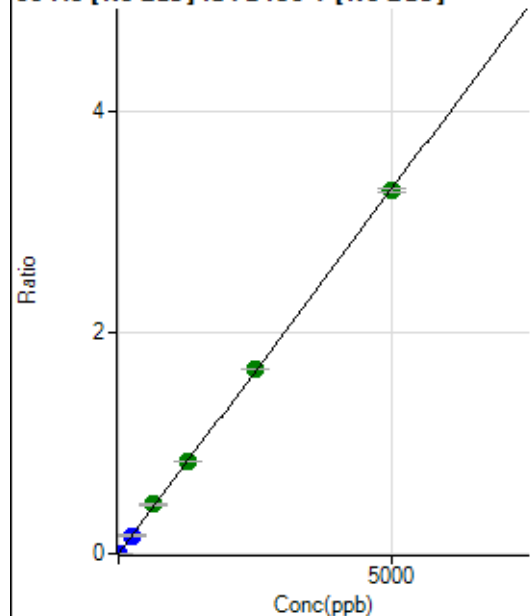
$$DL = 0.03625$$

$$BEC = 0.03271$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	37.3
2	☐	0.500					
3	☐	5.000	5.056	16024.14	0.0034	P	3.8
4	☐	250.000	248.938	797745.12	0.1640	P	2.2
5	☐	625.000	673.936	2070493.97	0.4440	A	4.2
6	☐	1250.000	1264.157	4153185.20	0.8328	A	1.1
7	☐	2500.000	2529.561	8330522.58	1.6665	A	0.7
8	☐	5000.000	4975.616	16757964.44	3.2780	A	1.2
9	☐			26421.19	0.0054	P	3.9

$$y = 6.5880E-004 * x + 2.2474E-005$$

$$R = 0.9999$$

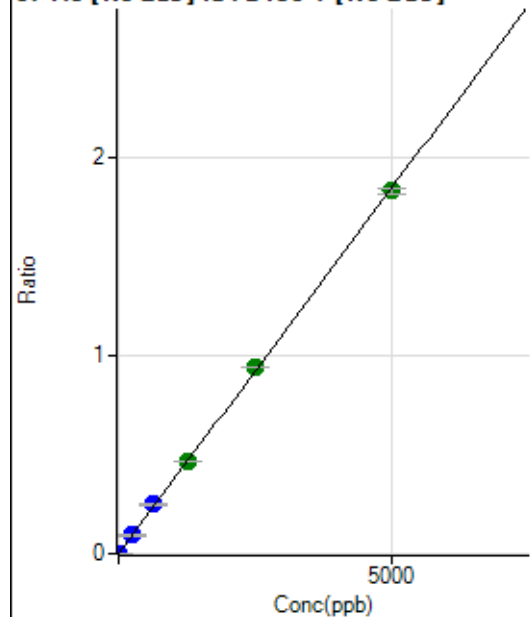
$$DL = 0.03813$$

$$BEC = 0.03411$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.6
2	☐	0.500					
3	☐	5.000	5.203	9256.32	0.0019	P	2.0
4	☐	250.000	251.637	450900.72	0.0927	P	2.3
5	☐	625.000	678.478	1165268.87	0.2499	P	4.8
6	☐	1250.000	1267.895	2329092.13	0.4671	A	1.0
7	☐	2500.000	2547.926	4691773.41	0.9386	A	0.4
8	☐	5000.000	4964.797	9349144.31	1.8288	A	1.7
9	☐			14447.08	0.0029	P	3.9

$$y = 3.6835E-004 * x + 1.9426E-005$$

$$R = 0.9999$$

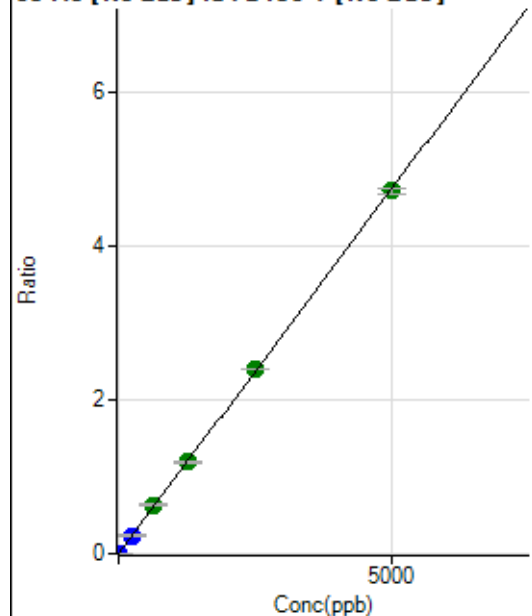
$$DL = 0.04992$$

$$BEC = 0.05274$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	35.5
2	☐	0.500					
3	☐	5.000	5.106	23210.02	0.0049	P	5.8
4	☐	250.000	249.240	1149715.04	0.2364	P	2.6
5	☐	625.000	670.548	2965424.61	0.6360	A	4.7
6	☐	1250.000	1255.179	5936693.36	1.1905	A	1.9
7	☐	2500.000	2534.347	12016569.37	2.4038	A	0.5
8	☐	5000.000	4975.876	24127162.35	4.7195	A	1.5
9	☐			36812.14	0.0075	P	4.3

$$y = 9.4848E-004 * x + 1.6562E-005$$

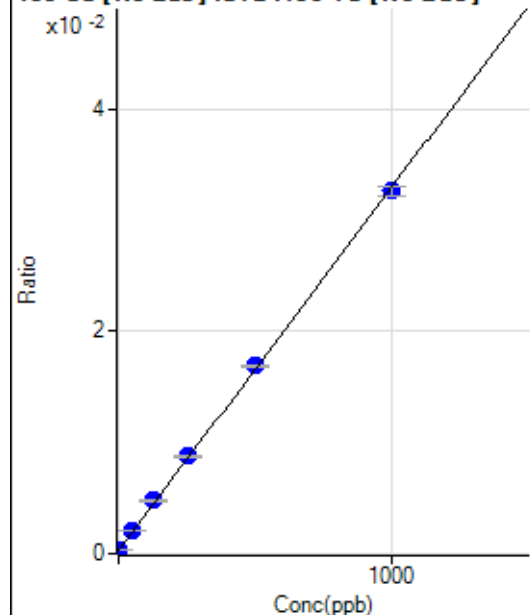
$$R = 0.9999$$

$$DL = 0.01858$$

$$BEC = 0.01746$$

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	1266.80	0.0003	P	9.6
2	☐	0.100					
3	☐	1.000	1.318	1508.48	0.0003	P	4.6
4	☐	50.000	54.698	9929.08	0.0021	P	4.8
5	☐	125.000	139.340	22647.70	0.0048	P	3.9
6	☐	250.000	259.165	44109.28	0.0087	P	2.6
7	☐	500.000	509.589	87017.20	0.0169	P	1.1
8	☐	1000.000	990.887	172739.91	0.0326	P	2.4
9	☐			1572.39	0.0003	P	7.2

$$y = 3.2643\text{E-}005 * x + 2.7271\text{E-}004$$

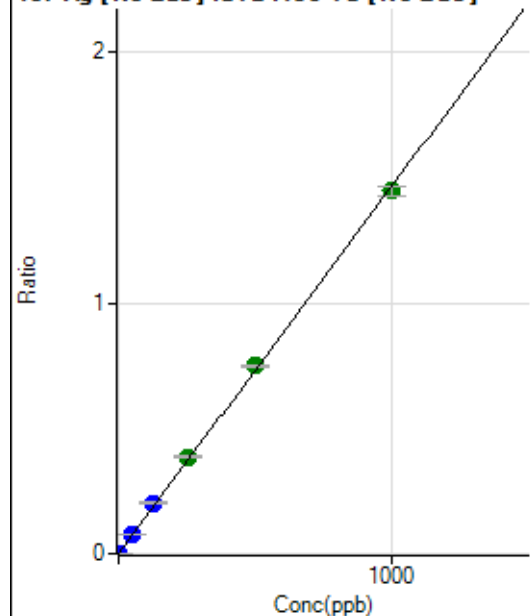
$$R = 0.9998$$

$$DL = 2.403$$

$$BEC = 8.354$$

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	169.45	0.0000	P	38.7
2	☐	0.100					
3	☐	1.000	1.050	7508.01	0.0016	P	7.0
4	☐	50.000	53.568	378332.46	0.0784	P	3.8
5	☐	125.000	138.465	951393.80	0.2026	P	5.4
6	☐	250.000	263.377	1946992.06	0.3854	A	0.9
7	☐	500.000	512.668	3860991.71	0.7502	A	1.0
8	☐	1000.000	988.460	7659107.98	1.4464	A	2.9
9	☐			4695.53	0.0009	P	28.7

$$y = 0.0015 * x + 3.6646\text{E-}005$$

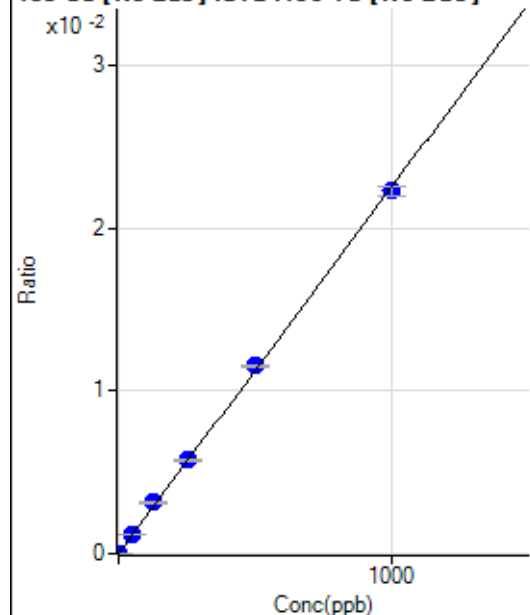
$$R = 0.9997$$

$$DL = 0.02906$$

$$BEC = 0.02504$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	52.2
2	☐	0.100					
3	☐	1.000	1.031	130.56	0.0000	P	9.9
4	☐	50.000	51.861	5661.03	0.0012	P	2.3
5	☐	125.000	139.589	14788.94	0.0032	P	5.8
6	☐	250.000	256.504	29224.92	0.0058	P	2.1
7	☐	500.000	512.995	59528.29	0.0116	P	0.7
8	☐	1000.000	989.960	118178.07	0.0223	P	2.5
9	☐			37.50	0.0000	P	3.4

$$y = 2.2538\text{E-}005 * x + 4.1519\text{E-}006$$

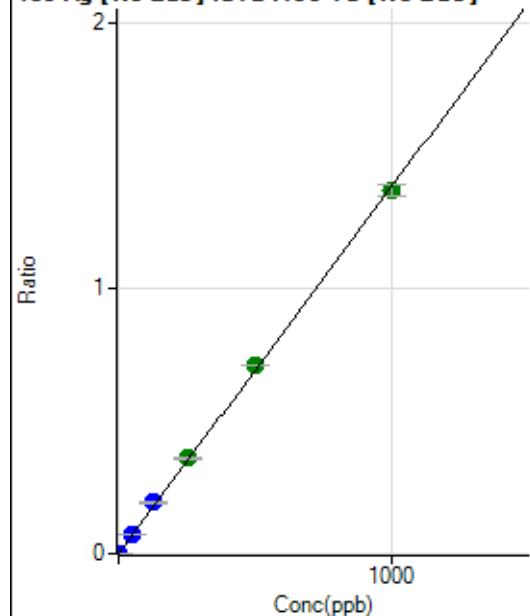
$$R = 0.9998$$

$$DL = 0.2883$$

$$BEC = 0.1842$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	13.6
2	☐	0.100					
3	☐	1.000	1.123	7530.25	0.0016	P	5.6
4	☐	50.000	53.081	354246.58	0.0734	P	3.4
5	☐	125.000	138.968	901804.97	0.1922	P	6.7
6	☐	250.000	260.789	1821613.97	0.3606	A	2.1
7	☐	500.000	513.338	3653328.42	0.7098	A	0.4
8	☐	1000.000	988.734	7239410.49	1.3672	A	3.1
9	☐			4331.49	0.0009	P	25.5

$$y = 0.0014 * x + 2.5120\text{E-}005$$

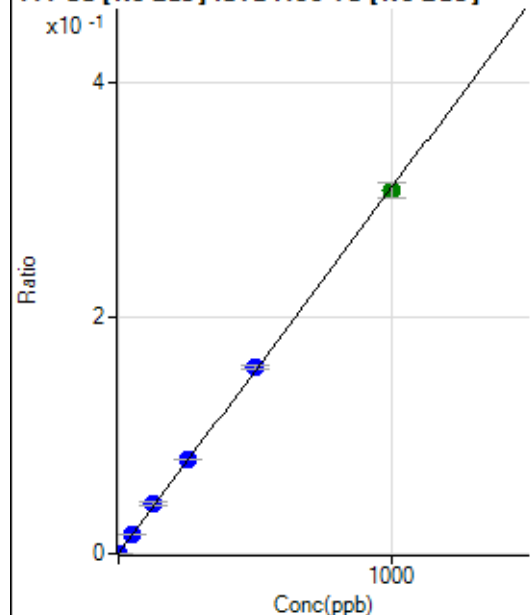
$$R = 0.9997$$

$$DL = 0.007388$$

$$BEC = 0.01817$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	909.26	0.0002	P	8.9
2	☐	0.100					
3	☐	1.000	0.998	2414.66	0.0005	P	3.2
4	☐	50.000	53.026	80256.78	0.0166	P	3.8
5	☐	125.000	137.844	201477.02	0.0429	P	6.4
6	☐	250.000	256.774	403096.99	0.0798	P	1.5
7	☐	500.000	509.635	814135.78	0.1582	P	1.1
8	☐	1000.000	991.732	1628817.96	0.3076	A	4.1
9	☐			1384.15	0.0003	P	6.3

$$y = 3.1001\text{E-}004 * x + 1.9576\text{E-}004$$

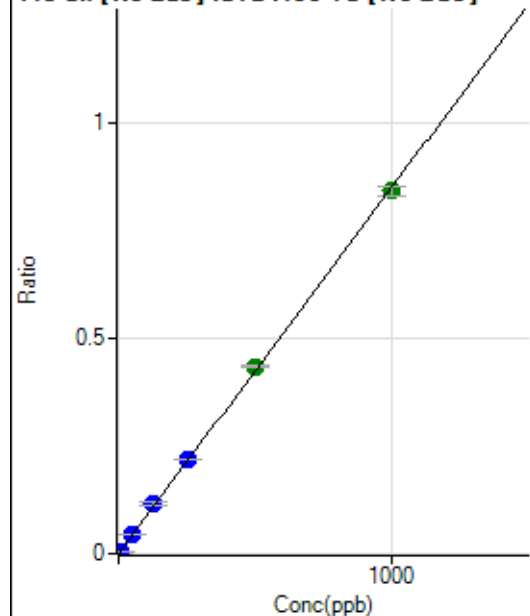
$$R = 0.9998$$

$$DL = 0.1685$$

$$BEC = 0.6315$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0001	P	11.2
2	☐	0.500					
3	☐	5.000	5.150	21176.18	0.0044	P	4.4
4	☐	50.000	51.823	212531.99	0.0440	P	2.7
5	☐	125.000	136.197	542857.17	0.1156	P	5.9
6	☐	250.000	257.255	1103215.06	0.2184	P	0.8
7	☐	500.000	510.110	2228431.28	0.4330	A	1.0
8	☐	1000.000	991.640	4456803.96	0.8416	A	2.9
9	☐			5898.83	0.0012	P	4.7

$$y = 8.4867\text{E-}004 * x + 6.2023\text{E-}005$$

$$R = 0.9998$$

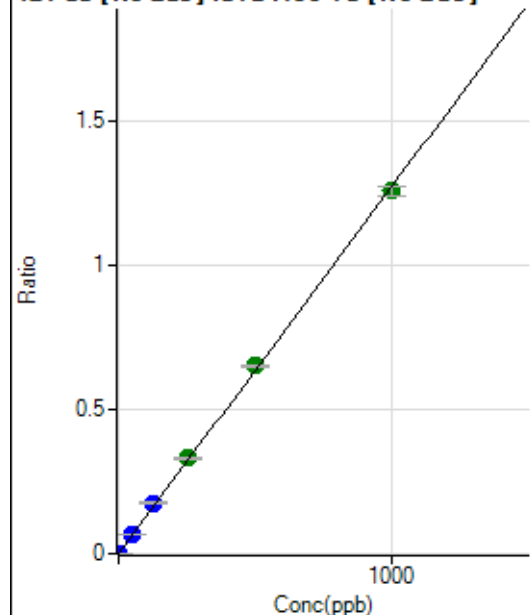
$$DL = 0.02464$$

$$BEC = 0.07308$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	35.2
2	☐	0.200					
3	☐	2.000	2.062	12562.07	0.0026	P	7.0
4	☐	50.000	52.417	321446.82	0.0666	P	2.7
5	☐	125.000	137.695	821554.39	0.1750	P	5.1
6	☐	250.000	260.068	1669541.35	0.3305	A	1.0
7	☐	500.000	512.453	3351138.79	0.6512	A	1.4
8	☐	1000.000	989.548	6658584.35	1.2574	A	2.5
9	☐			11316.39	0.0022	P	1.6

$$y = 0.0013 * x + 1.2478E-005$$

$$R = 0.9998$$

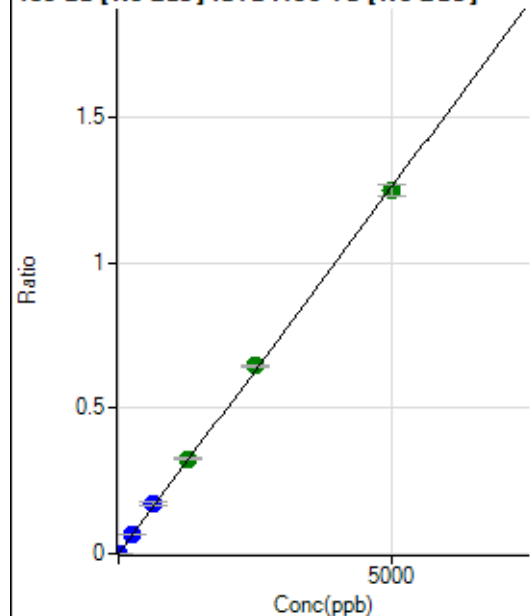
$$DL = 0.01038$$

$$BEC = 0.00982$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	18.8
2	☐	1.000					
3	☐	10.000	10.237	12395.33	0.0026	P	4.6
4	☐	250.000	258.556	314142.55	0.0651	P	2.7
5	☐	625.000	687.631	812514.92	0.1731	P	6.1
6	☐	1250.000	1296.163	1648295.30	0.3263	A	1.1
7	☐	2500.000	2561.025	3317955.72	0.6447	A	0.7
8	☐	5000.000	4949.689	6597534.26	1.2459	A	3.0
9	☐			1747.42	0.0003	P	11.2

$$y = 2.5172E-004 * x + 1.8489E-005$$

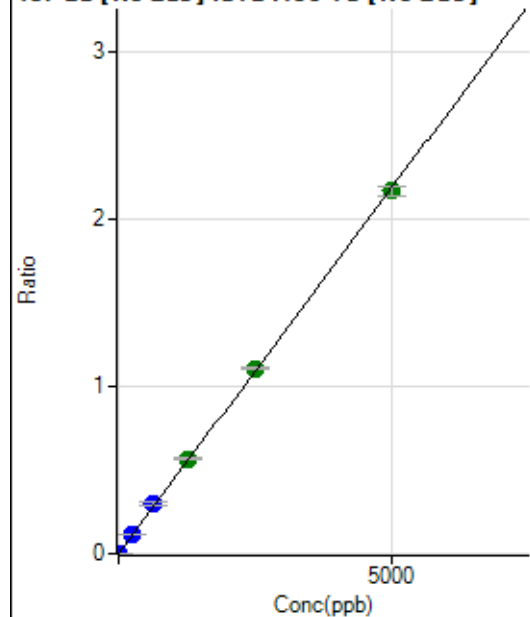
$$R = 0.9998$$

$$DL = 0.04148$$

$$BEC = 0.07345$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	58.4
2	☐	1.000					
3	☐	10.000	10.474	21955.44	0.0046	P	4.8
4	☐	250.000	259.991	548108.73	0.1136	P	2.5
5	☐	625.000	689.902	1414593.83	0.3014	P	5.9
6	☐	1250.000	1298.878	2865996.63	0.5674	A	1.2
7	☐	2500.000	2532.689	5693484.54	1.1063	A	1.3
8	☐	5000.000	4962.823	11478860.58	2.1677	A	2.9
9	☐			2989.39	0.0006	P	8.1

$$y = 4.3679\text{E-}004 * x + 2.2124\text{E-}005$$

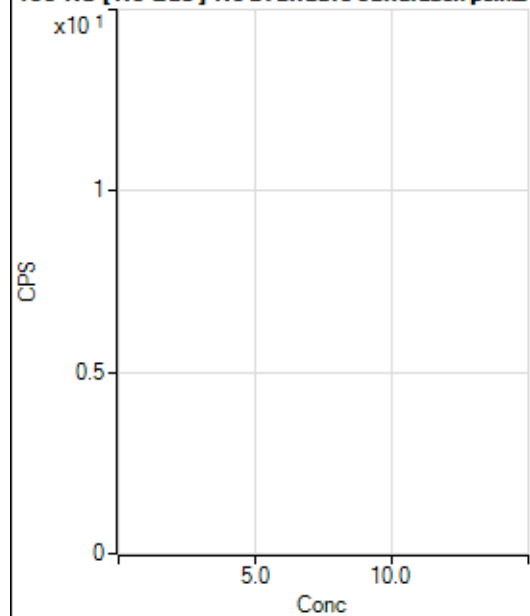
$$R = 0.9999$$

$$DL = 0.08873$$

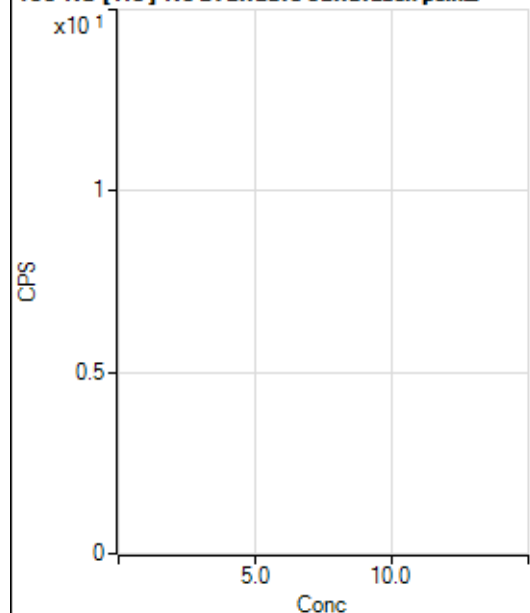
$$BEC = 0.05065$$

Weight: <None>

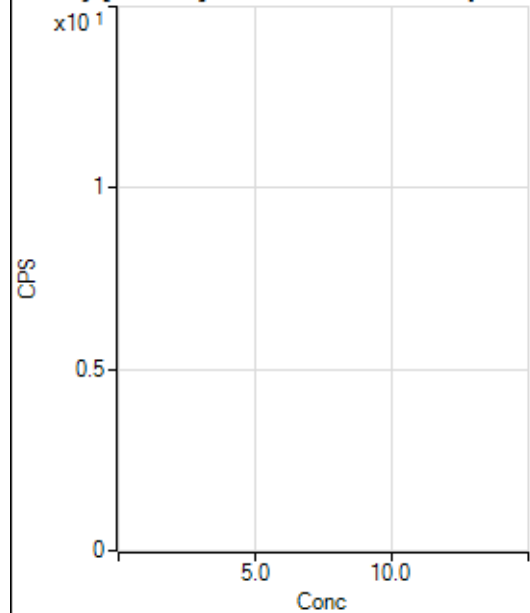
Min Conc: 0

150 Nd [No Gas] No available calibration points

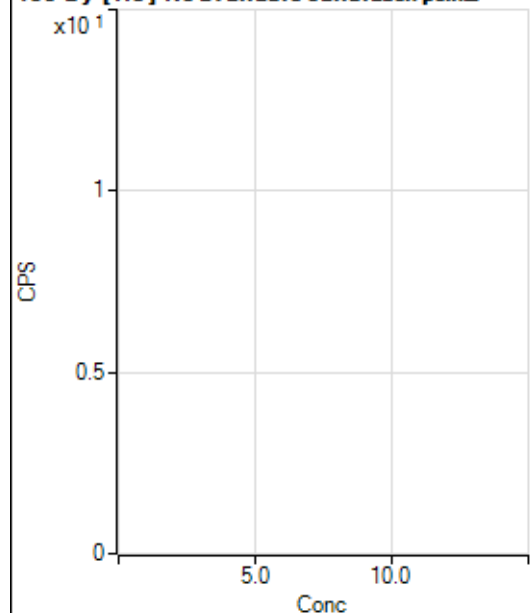
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			15.56		P	89.2
4	☐			15.56		P	89.2
5	☐			48.89		P	34.3
6	☐			93.34		P	12.4
7	☐			155.56		P	21.6
8	☐			342.24		P	17.6
9	☐			68.89		P	24.4

150 Nd [He] No available calibration points

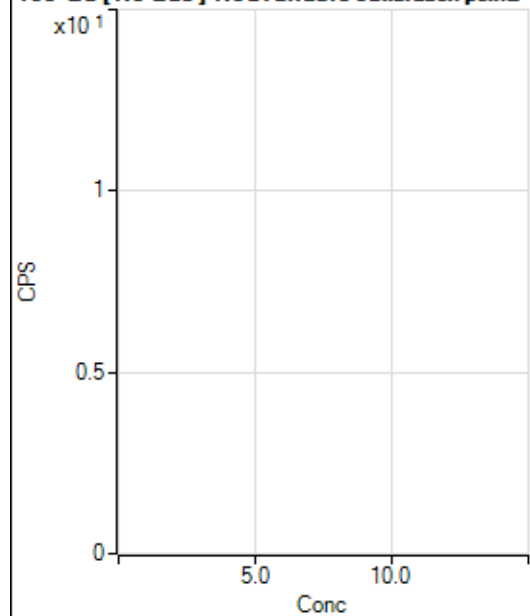
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			3.33		P	100.1
7	☐			6.67		P	86.6
8	☐			10.00		P	88.2
9	☐			26.67		P	12.5

156 Dy [No Gas] No available calibration points

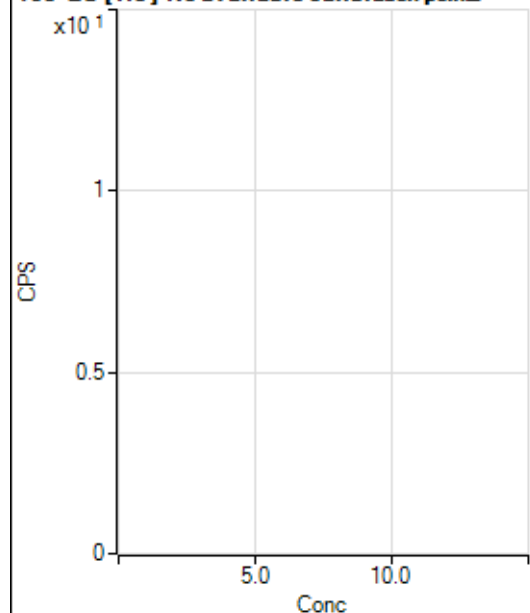
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			33.33		P	50.0
4	☐			16.66		P	86.6
5	☐			5.55		P	86.6
6	☐			44.45		P	54.1
7	☐			44.45		P	78.1
8	☐			66.67		P	12.5
9	☐			58.34		P	14.3

156 Dy [He] No available calibration points

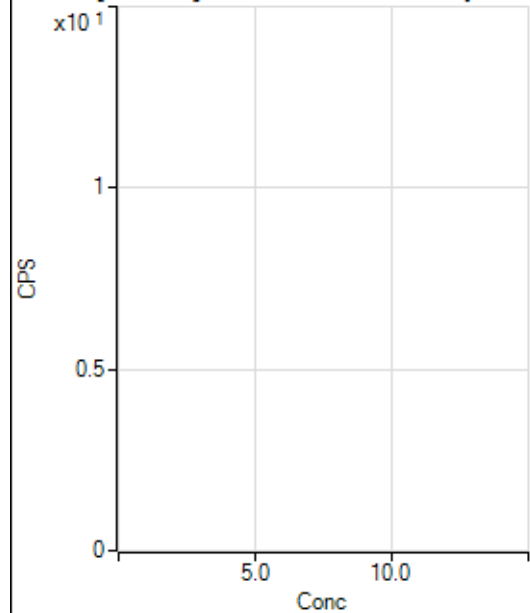
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			5.56		P	34.7
5	☐			4.44		P	43.4
6	☐			3.33		P	100.1
7	☐			5.56		P	91.6
8	☐			6.66		P	86.6
9	☐			10.00		P	57.7

160 Gd [No Gas] Noavailable calibration poin_

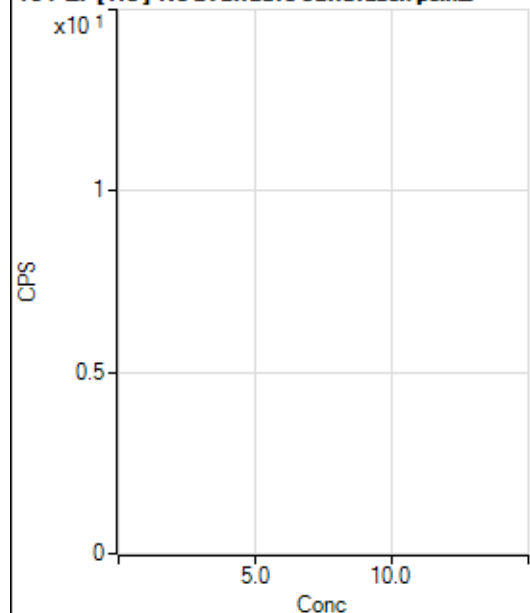
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐						
3	☐			55.56		P	22.9
4	☐			58.34		P	28.6
5	☐			55.56		P	56.8
6	☐			44.45		P	54.1
7	☐			33.33		P	43.3
8	☐			69.45		P	38.6
9	☐			119.45		P	29.0

160 Gd [He] No available calibration points

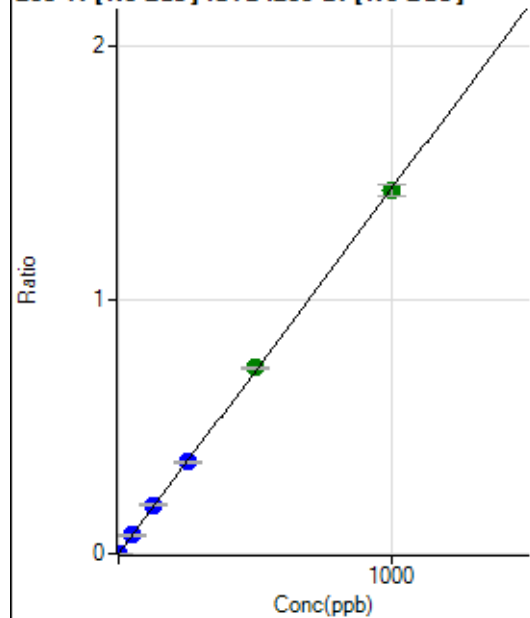
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			8.89		P	78.1
4	☐			7.78		P	89.2
5	☐			12.22		P	31.5
6	☐			10.00		P	88.2
7	☐			14.45		P	26.7
8	☐			14.44		P	58.1
9	☐			21.11		P	59.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			27.78		P	17.3
4	☐			36.11		P	48.0
5	☐			19.44		P	49.5
6	☐			27.78		P	17.3
7	☐			8.33		P	100.0
8	☐			44.45		P	28.6
9	☐			27.78		P	62.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			5.55		P	69.3
4	☐			4.44		P	114.6
5	☐			4.44		P	43.4
6	☐			1.11		P	173.2
7	☐			5.55		P	69.3
8	☐			5.55		P	124.9
9	☐			12.22		P	87.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	66.2
2	☐	0.100					
3	☐	1.000	1.001	4103.67	0.0015	P	4.4
4	☐	50.000	50.123	199658.25	0.0720	P	2.4
5	☐	125.000	132.498	513784.01	0.1903	P	5.0
6	☐	250.000	250.904	1035601.19	0.3604	P	0.7
7	☐	500.000	509.040	2132088.39	0.7311	A	0.6
8	☐	1000.000	994.310	4264360.51	1.4281	A	3.1
9	☐			1522.40	0.0006	P	2.7

$$y = 0.0014 * x + 3.4417E-005$$

$$R = 0.9999$$

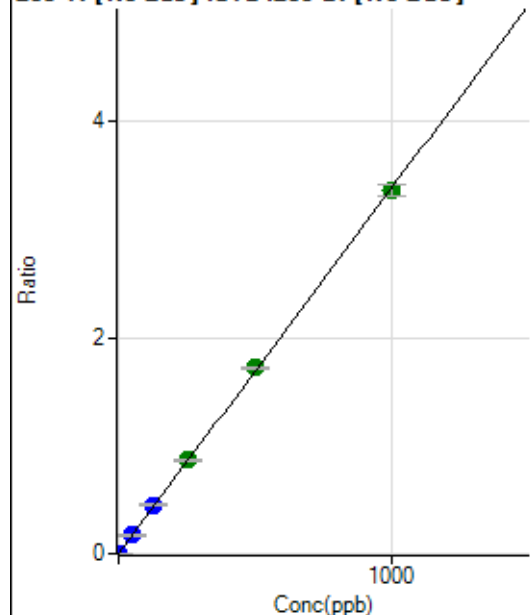
$$DL = 0.04756$$

$$BEC = 0.02396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.24	0.0001	P	23.1
2	☐	0.100					
3	☐	1.000	0.993	9554.07	0.0034	P	5.3
4	☐	50.000	50.146	470521.55	0.1697	P	1.9
5	☐	125.000	134.130	1224867.04	0.4539	P	5.7
6	☐	250.000	255.770	2486702.77	0.8654	A	1.1
7	☐	500.000	508.884	5020783.97	1.7217	A	0.6
8	☐	1000.000	992.967	10031077.13	3.3594	A	3.3
9	☐			3709.05	0.0014	P	2.7

$$y = 0.0034 * x + 7.2379E-005$$

$$R = 0.9999$$

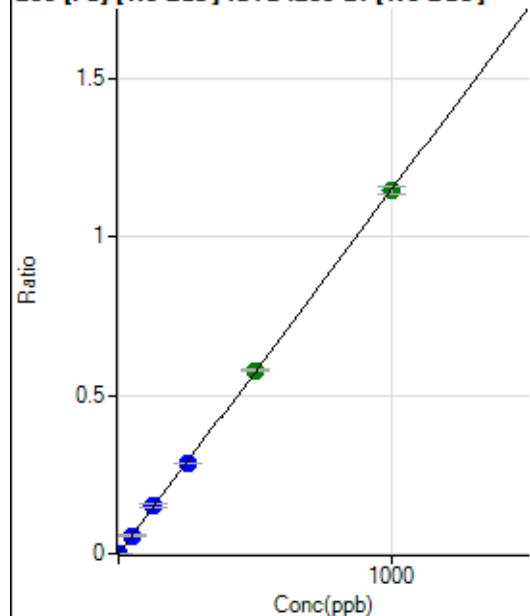
$$DL = 0.0148$$

$$BEC = 0.02139$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0001	P	17.2
2	☐	0.100					
3	☐	1.000	0.979	3319.06	0.0012	P	8.9
4	☐	50.000	49.829	158923.75	0.0573	P	2.3
5	☐	125.000	132.197	410164.85	0.1520	P	5.6
6	☐	250.000	248.176	819722.70	0.2852	P	0.5
7	☐	500.000	504.496	1690769.00	0.5798	A	1.1
8	☐	1000.000	997.317	3422836.65	1.1461	A	2.2
9	☐			5653.31	0.0021	P	10.9

$$y = 0.0011 * x + 6.9518E-005$$

$$R = 1.0000$$

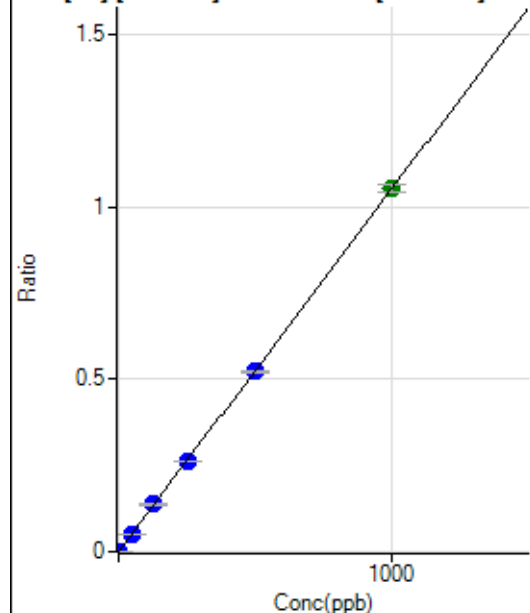
$$DL = 0.03119$$

$$BEC = 0.0605$$

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	183.34	0.0001	P	22.6
2	☐	0.100					
3	☐	1.000	0.982	3063.43	0.0011	P	1.9
4	☐	50.000	49.491	144263.59	0.0520	P	2.7
5	☐	125.000	130.910	371268.37	0.1375	P	5.3
6	☐	250.000	247.520	747206.69	0.2600	P	0.2
7	☐	500.000	497.245	1523064.21	0.5223	P	0.5
8	☐	1000.000	1001.285	3140879.99	1.0516	A	2.0
9	☐			4986.35	0.0018	P	8.6

$$y = 0.0011 * x + 6.7391E-005$$

$$R = 1.0000$$

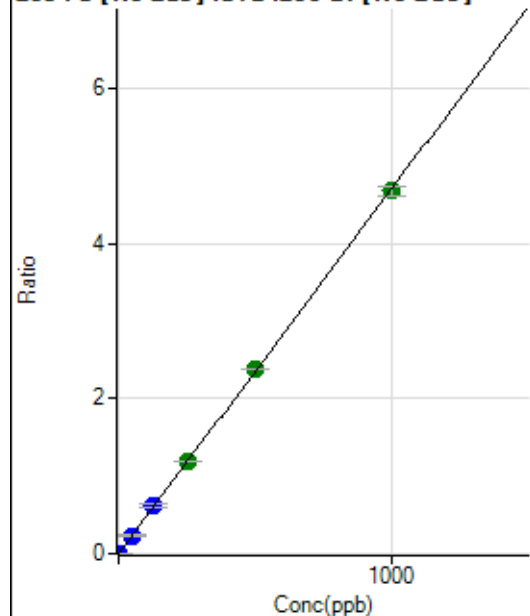
$$DL = 0.04347$$

$$BEC = 0.06417$$

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	727.81	0.0003	P	7.4
2	☐	0.100					
3	☐	1.000	0.982	13581.09	0.0049	P	7.0
4	☐	50.000	49.894	650711.73	0.2347	P	1.9
5	☐	125.000	132.093	1676002.48	0.6210	P	5.5
6	☐	250.000	251.299	3394227.66	1.1811	A	0.1
7	☐	500.000	507.627	6957128.81	2.3856	A	0.5
8	☐	1000.000	994.981	13963904.13	4.6758	A	2.4
9	☐			22312.02	0.0081	P	6.0

$$y = 0.0047 * x + 2.6777E-004$$

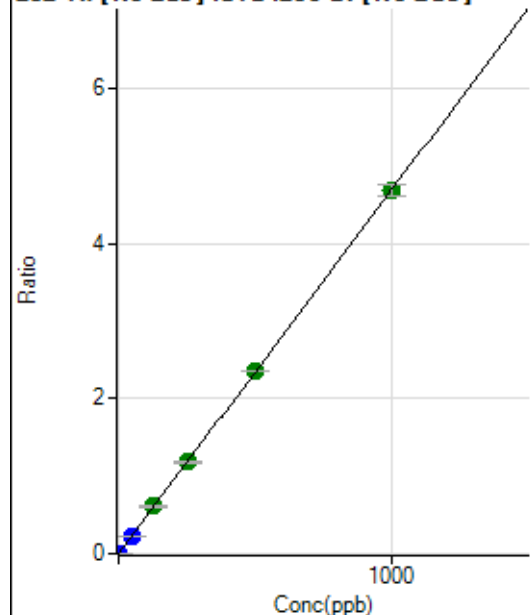
$$R = 0.9999$$

$$DL = 0.01265$$

$$BEC = 0.05698$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	43.4
2	☐	0.100					
3	☐	1.000	0.967	12687.20	0.0046	P	5.6
4	☐	50.000	48.746	633947.38	0.2287	P	2.3
5	☐	125.000	130.003	1645565.34	0.6099	A	6.3
6	☐	250.000	252.510	3403729.76	1.1845	A	1.6
7	☐	500.000	501.742	6863821.86	2.3537	A	0.6
8	☐	1000.000	997.939	13978305.17	4.6814	A	3.3
9	☐			1238.99	0.0005	P	5.8

$$y = 0.0047 * x + 1.6274E-005$$

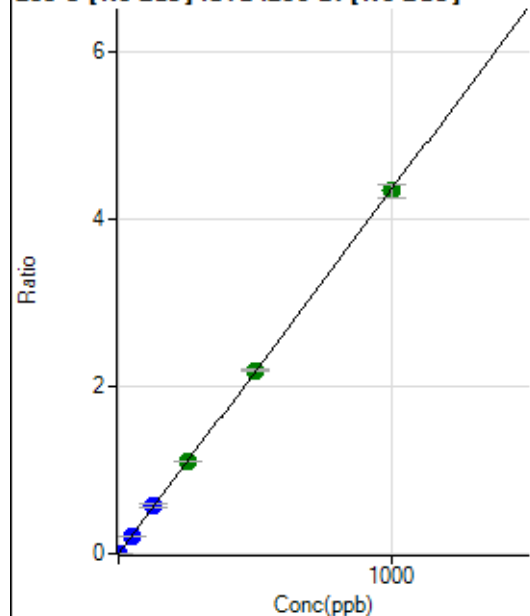
$$R = 1.0000$$

$$DL = 0.004522$$

$$BEC = 0.003469$$

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	488.93	0.0002	P	23.5
2	☐	0.100					
3	☐	1.000	0.994	12559.78	0.0045	P	4.4
4	☐	50.000	49.236	594772.29	0.2145	P	1.9
5	☐	125.000	131.487	1545759.22	0.5727	P	5.2
6	☐	250.000	253.922	3177348.59	1.1057	A	1.0
7	☐	500.000	503.912	6398551.75	2.1942	A	0.6
8	☐	1000.000	996.291	12951761.31	4.3379	A	3.8
9	☐			2386.47	0.0009	P	7.3

$$y = 0.0044 * x + 1.7946E-004$$

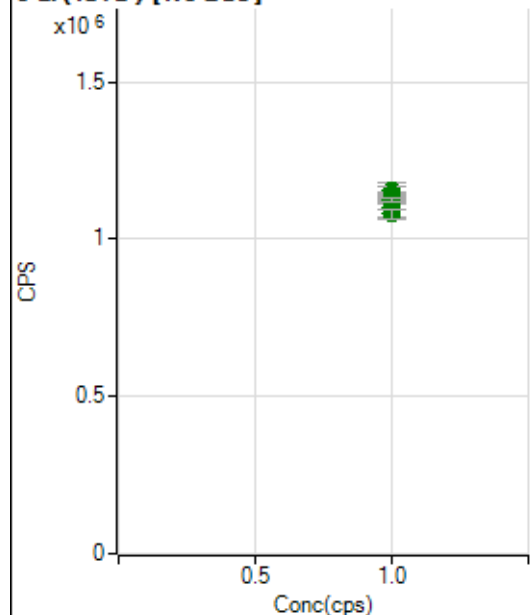
$$R = 1.0000$$

$$DL = 0.02905$$

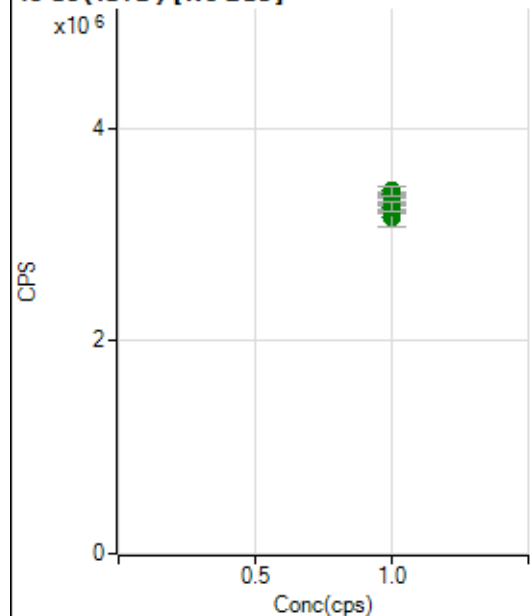
$$BEC = 0.04122$$

Weight: <None>

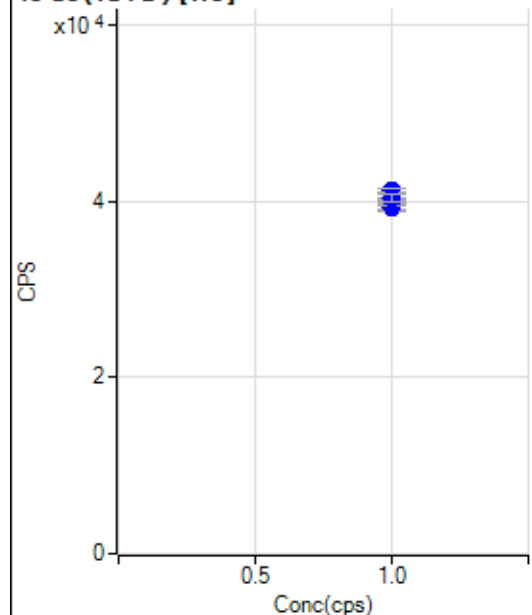
Min Conc: 0

6 Li (ISTD) [No Gas]

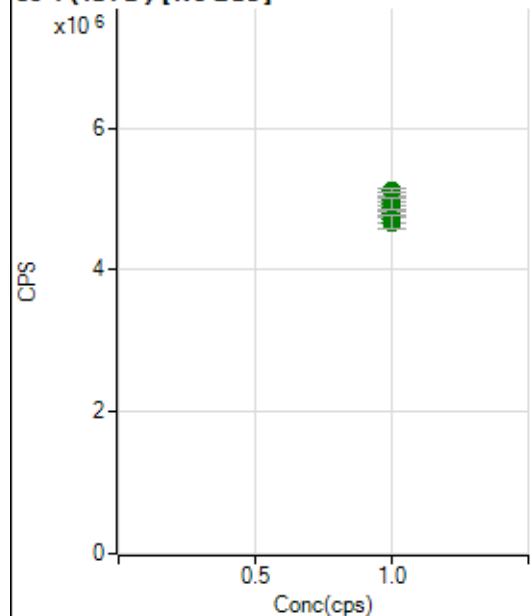
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1123805.97		A	2.4
2	☐	1.000					
3	☐	1.000		1152859.90		A	4.5
4	☐	1.000		1151905.06		A	2.5
5	☐	1.000		1101328.19		A	5.4
6	☐	1.000		1143688.01		A	0.6
7	☐	1.000		1134866.75		A	0.8
8	☐	1.000		1124174.96		A	1.4
9	☐	1.000		1078963.51		A	2.4

45 Sc (ISTD) [No Gas]

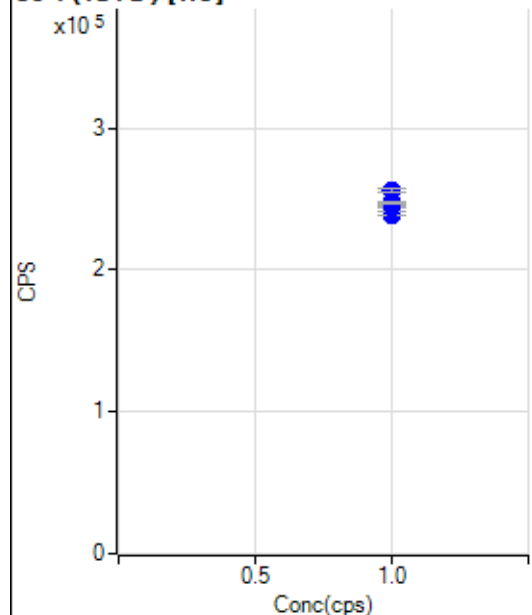
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3233596.69		A	2.2
2	☐	1.000					
3	☐	1.000		3301478.31		A	5.1
4	☐	1.000		3341779.68		A	2.7
5	☐	1.000		3158474.05		A	4.9
6	☐	1.000		3347196.25		A	0.5
7	☐	1.000		3379562.40		A	0.7
8	☐	1.000		3411101.12		A	2.6
9	☐	1.000		3256952.59		A	2.7

45 Sc (ISTD) [He]

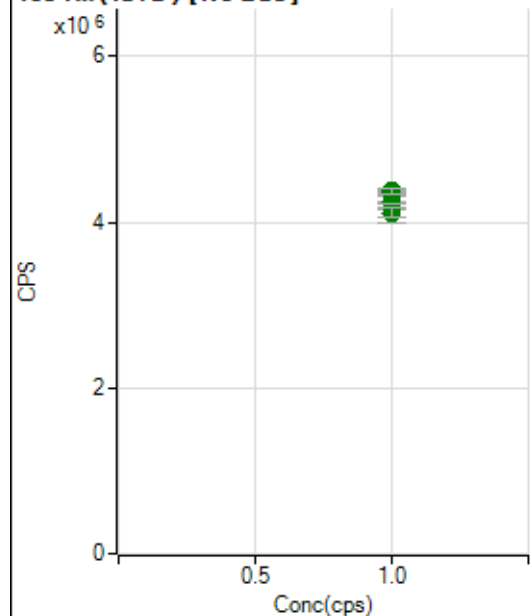
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39280.44		P	1.4
2	☐	1.000					
3	☐	1.000		39641.49		P	2.5
4	☐	1.000		39644.86		P	1.0
5	☐	1.000		40008.20		P	2.1
6	☐	1.000		40369.01		P	0.5
7	☐	1.000		40402.47		P	1.9
8	☐	1.000		41230.51		P	1.0
9	☐	1.000		40442.66		P	2.0

89 Y (ISTD) [No Gas]

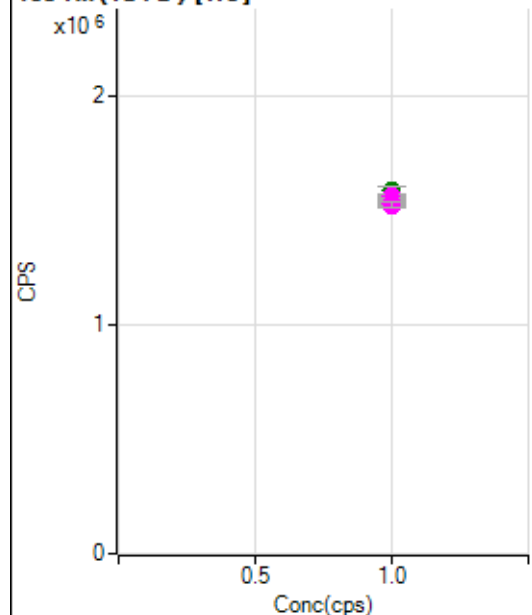
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4706023.64		A	1.7
2	☐	1.000					
3	☐	1.000		4784401.56		A	5.5
4	☐	1.000		4864521.52		A	1.8
5	☐	1.000		4668765.38		A	4.4
6	☐	1.000		4986983.15		A	0.8
7	☐	1.000		4999108.37		A	1.2
8	☐	1.000		5112795.79		A	1.2
9	☐	1.000		4939091.70		A	3.3

89 Y (ISTD) [He]

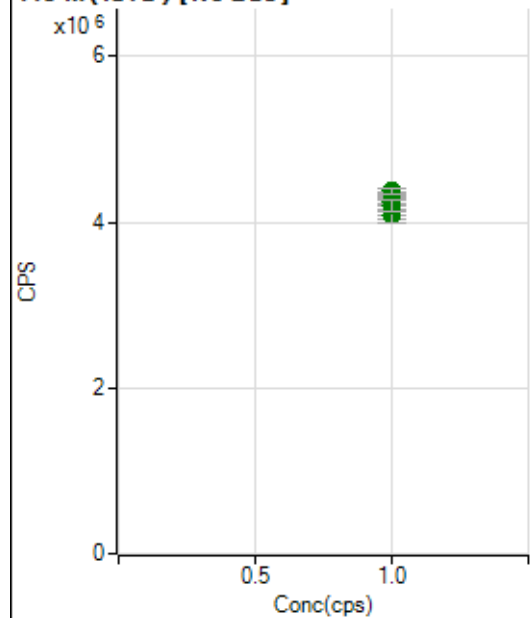
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		238882.39		P	0.1
2	☐	1.000					
3	☐	1.000		244172.01		P	2.5
4	☐	1.000		245099.23		P	1.5
5	☐	1.000		245728.16		P	1.7
6	☐	1.000		246099.65		P	0.5
7	☐	1.000		247176.90		P	1.1
8	☐	1.000		247531.03		P	0.8
9	☐	1.000		255617.56		P	1.1

103 Rh (ISTD) [No Gas]

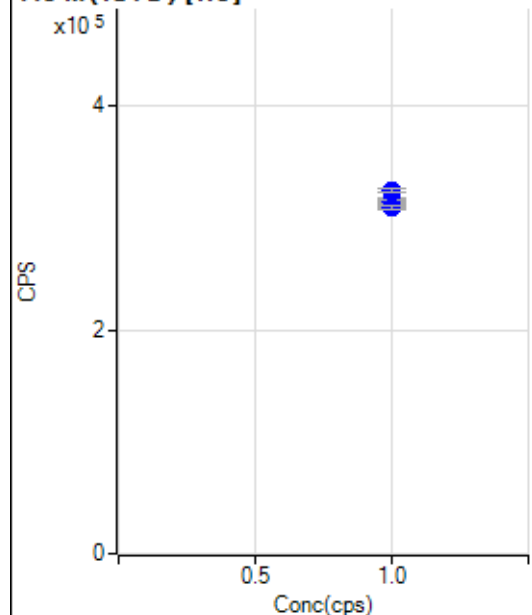
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4212448.40		A	1.7
2	☐	1.000					
3	☐	1.000		4256566.68		A	4.7
4	☐	1.000		4351994.32		A	1.5
5	☐	1.000		4107255.00		A	6.0
6	☐	1.000		4337511.90		A	1.3
7	☐	1.000		4365025.27		A	1.2
8	☐	1.000		4376706.56		A	1.4
9	☐	1.000		4114455.91		A	3.2

103 Rh (ISTD) [He]

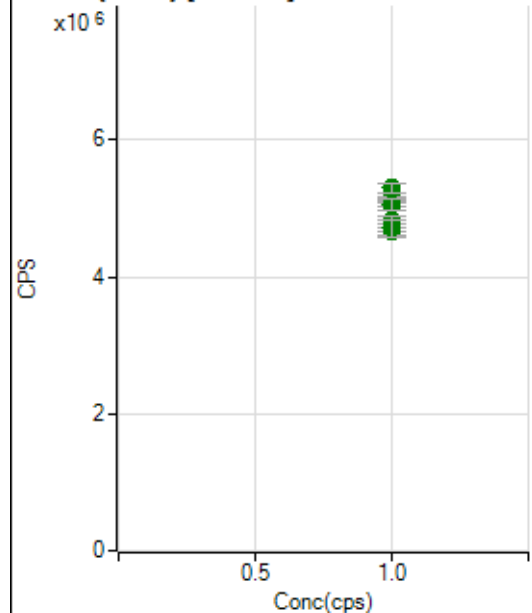
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1525345.43		M	0.2
2	☐	1.000					
3	☐	1.000		1586624.51		A	2.8
4	☐	1.000		1558055.15		A	2.2
5	☐	1.000		1550814.07		A	2.2
6	☐	1.000		1557375.95		A	1.0
7	☐	1.000		1561816.16		M	1.1
8	☐	1.000		1549841.04		M	0.8
9	☐	1.000		1529338.15		M	1.7

115 In (ISTD) [No Gas]

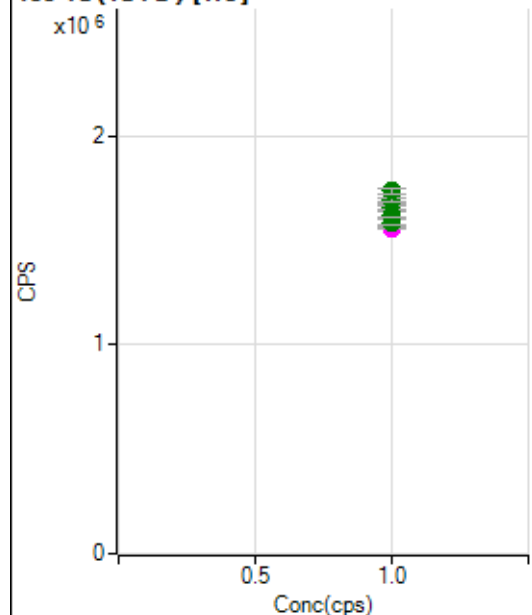
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4094251.54		A	2.8
2	☐	1.000					
3	☐	1.000		4199167.76		A	4.9
4	☐	1.000		4259067.07		A	1.6
5	☐	1.000		4093624.29		A	4.9
6	☐	1.000		4331816.56		A	0.5
7	☐	1.000		4355879.94		A	0.3
8	☐	1.000		4379099.74		A	1.3
9	☐	1.000		4200201.39		A	3.0

115 In (ISTD) [He]

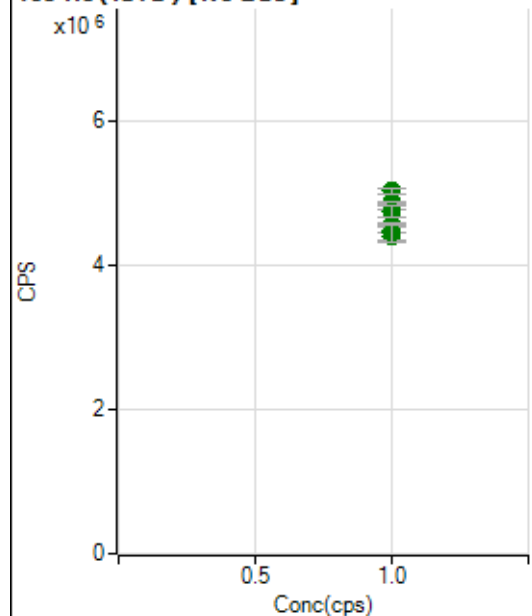
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		308902.58		P	0.5
2	☐	1.000					
3	☐	1.000		314137.38		P	2.5
4	☐	1.000		314901.08		P	1.5
5	☐	1.000		315322.51		P	1.6
6	☐	1.000		314243.71		P	0.4
7	☐	1.000		315069.25		P	1.1
8	☐	1.000		309114.62		P	0.8
9	☐	1.000		324052.87		P	1.1

159 Tb (ISTD) [No Gas]

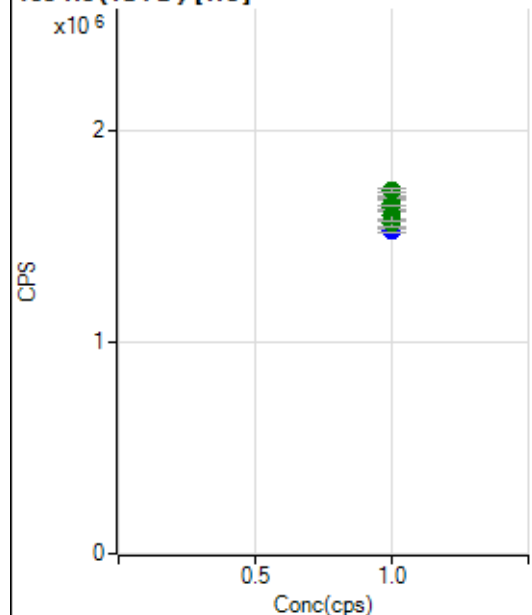
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4650212.08		A	2.4
2	☐	1.000					
3	☐	1.000		4783025.03		A	4.9
4	☐	1.000		4827553.12		A	2.5
5	☐	1.000		4704099.48		A	5.5
6	☐	1.000		5051889.86		A	1.0
7	☐	1.000		5146946.97		A	1.0
8	☐	1.000		5297961.55		A	2.6
9	☐	1.000		5050514.51		A	3.3

159 Tb (ISTD) [He]

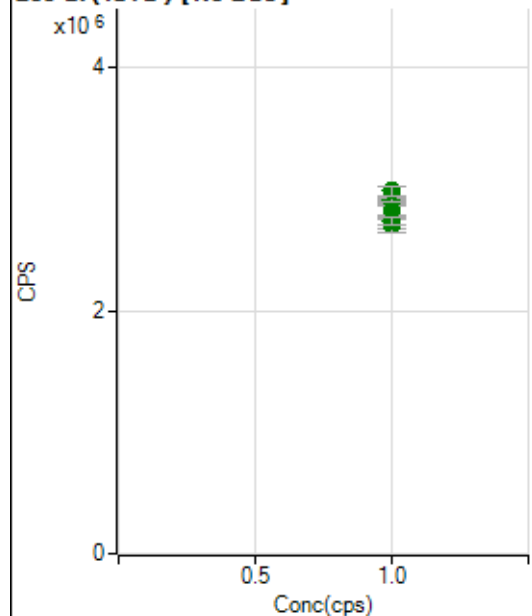
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1555161.40		M	0.2
2	☐	1.000					
3	☐	1.000		1582385.65		M	2.5
4	☐	1.000		1586667.67		A	2.0
5	☐	1.000		1623802.02		A	1.5
6	☐	1.000		1657147.49		A	0.8
7	☐	1.000		1671253.77		A	1.1
8	☐	1.000		1697493.52		A	1.0
9	☐	1.000		1737014.00		A	1.8

165 Ho (ISTD) [No Gas]

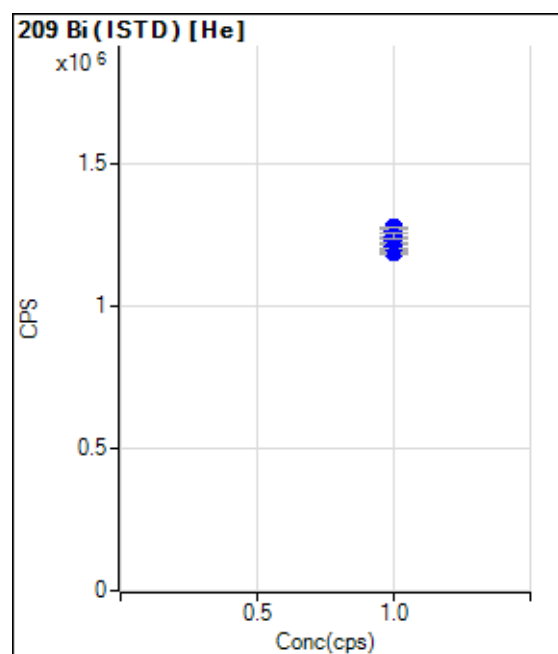
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4392419.41		A	3.3
2	☐	1.000					
3	☐	1.000		4476211.30		A	5.2
4	☐	1.000		4558873.02		A	1.1
5	☐	1.000		4445900.53		A	5.6
6	☐	1.000		4775106.27		A	0.3
7	☐	1.000		4876918.60		A	0.4
8	☐	1.000		5035080.76		A	1.8
9	☐	1.000		4748495.85		A	3.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1530867.69		P	1.3
2	☐	1.000					
3	☐	1.000		1564496.88		M	2.3
4	☐	1.000		1561486.52		A	1.4
5	☐	1.000		1600892.65		A	2.9
6	☐	1.000		1638909.58		A	0.8
7	☐	1.000		1658834.98		A	1.4
8	☐	1.000		1689886.45		A	0.5
9	☐	1.000		1717044.19		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2715242.96		A	2.4
2	☐	1.000					
3	☐	1.000		2792332.49		A	8.7
4	☐	1.000		2772735.97		A	1.4
5	☐	1.000		2703832.22		A	4.9
6	☐	1.000		2873681.21		A	0.8
7	☐	1.000		2916285.44		A	1.1
8	☐	1.000		2987814.58		A	2.9
9	☐	1.000		2742759.07		A	2.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1188590.75		P	1.0
2	☐	1.000					
3	☐	1.000		1203644.21		P	1.9
4	☐	1.000		1213051.43		P	1.6
5	☐	1.000		1232443.50		P	1.8
6	☐	1.000		1242321.21		P	0.3
7	☐	1.000		1264927.04		P	1.1
8	☐	1.000		1276071.65		P	0.8
9	☐	1.000		1247336.39		P	1.2

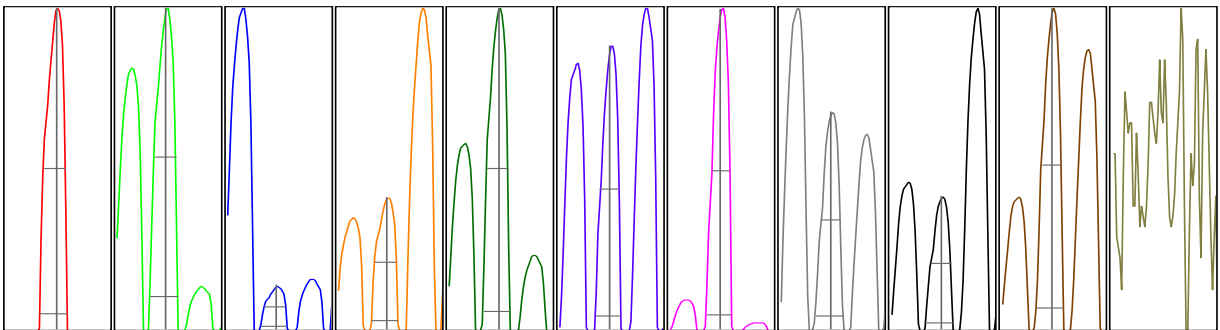
US EPA Tune Check Sample Report

Batch Folder D:\P8110118-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]					
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)	
9	6873	0.92	5.00		
24	55863	0.43	5.00		
25	7598	0.74	5.00		
26	9332	0.57	5.00		
59	53587	0.36	5.00		
113	5997	0.53	5.00		
115	71388	0.43	5.00		
206	13099	0.61	5.00		
207	11968	0.56	5.00		
208	28472	0.72	5.00		
220	2	17.29			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6882	6947	6906	6851	6779
24	56057	56094	55867	55810	55489
25	7589	7690	7591	7583	7537
26	9302	9403	9357	9334	9264
59	53744	53753	53566	53595	53277
113	5996	6044	5983	6006	5958
115	71254	71801	71395	71513	70977
206	13061	13180	13152	13120	12981
207	11933	12046	12016	11968	11878
208	28448	28605	28643	28535	28131
220	2	1	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11855	9.00	8.9 - 9.1		0.785	0.900	
24	95732	23.95	23.9 - 24.1		0.798	0.900	
25	13076	24.95	24.9 - 25.1		0.752	0.900	
26	15418	25.95	25.9 - 26.1		0.744	0.900	
59	95344	59.00	58.9 - 59.1		0.778	0.900	
113	11518	113.00	112.9 - 113.1		0.728	0.900	
115	135458	115.00	114.9 - 115.1		0.732	0.900	
206	24156	206.00	205.9 - 206.1		0.806	0.900	
207	21736	207.00	206.9 - 207.1		0.779	0.900	
208	52527	208.00	207.9 - 208.1		0.780	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	15.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8581	1.68	
89	2720	1.45	
205	9399	0.97	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8794	8633	8444	8582	8452
89	2754	2737	2691	2752	2666
205	9501	9474	9299	9409	9313

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	1.17	-0.93	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	137-1	-0.03	0.03	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.07	-0.09	0.02	0.00	N/A	ppb
Boron	10-1	0.01	-0.13	0.11	0.00	N/A	ppb
Cadmium	106-1	-0.15	0.87	-0.72	0.00	N/A	ppb
Cadmium	108-1	-0.10	0.02	0.09	0.00	N/A	ppb
Cadmium	111-1	0.00	0.06	-0.06	0.00	N/A	ppb
Calcium	43-1	-4.77	4.05	0.72	0.00	N/A	ppb
Calcium	44-1	4.26	-1.72	-2.55	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	56-2	0.13	-0.17	0.04	0.00	N/A	ppb
Iron	57-2	1.46	-0.25	-1.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.50	-1.42	1.92	0.00	N/A	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	0.05	0.00	N/A	ppb
Phosphorus	31-2	22.94	-8.71	-19.64	-1.81		ppb
Potassium	39-2	-5.56	-1.56	7.12	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.03	-1.03	2.05	0.00	N/A	ppb
Selenium	78-2	-0.16	0.33	-0.16	0.00	N/A	ppb
Selenium	82-1	0.10	-0.44	0.34	0.00	N/A	ppb
Silicon	28-1	2.24	0.09	-2.33	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	1.31	-3.95	2.64	0.00	N/A	ppb
Strontium	86-1	0.08	-0.02	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1865.65	264.73	-707.26	474.37	273.88	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.02	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.03	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.03	-0.03	0.00	N/A	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.56	20.97	25.45	23.33	9.63	ppb
Antimony	121-1	1.96	1.99	2.23	2.06	7.05	ppb
Arsenic	75-2	1.00	1.08	0.71	0.93	20.78	ppb
Barium	135-1	9.78	10.21	10.72	10.24	4.60	ppb
Barium	137-1	9.95	10.52	10.95	10.47	4.82	ppb
Beryllium	9-1	0.97	0.85	1.02	0.94	9.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	24.20	24.39	26.63	25.07	5.37	ppb
Boron	10-1	23.84	23.21	25.73	24.26	5.40	ppb
Cadmium	106-1	0.81	1.58	1.57	1.32	33.53	ppb
Cadmium	108-1	0.93	1.00	1.16	1.03	11.67	ppb
Cadmium	111-1	0.94	1.02	1.03	1.00	5.20	ppb
Calcium	43-1	463.42	468.66	467.76	466.61	0.60	ppb
Calcium	44-1	454.46	460.55	493.97	469.66	4.53	ppb
Chromium	52-2	2.18	2.14	2.30	2.21	3.70	ppb
Cobalt	59-2	1.06	1.12	1.08	1.09	2.91	ppb
Copper	63-2	2.22	2.20	2.15	2.19	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	52.84	54.97	54.48	54.09	2.06	ppb
Iron	57-2	48.64	45.86	52.61	49.04	6.92	ppb
Krypton	83-1						cps
Lead	206-1	0.87	1.01	1.05	0.98	9.43	ppb
Lead	207-1	0.96	0.98	1.00	0.98	1.98	ppb
Lead	208-1	0.91	0.98	1.06	0.98	7.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	499.33	553.39	552.95	535.22	5.81	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.35	1.01	1.17	14.62	ppb
Molybdenum	94-1	4.89	5.23	5.36	5.16	4.78	ppb
Molybdenum	95-1	4.92	5.13	5.43	5.16	4.99	ppb
Molybdenum	96-1	4.92	4.98	5.27	5.06	3.78	ppb
Molybdenum	97-1	5.08	5.25	5.27	5.20	1.98	ppb
Molybdenum	98-1	4.98	4.89	5.44	5.11	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.06	1.02	1.01	6.10	ppb
Phosphorus	31-2	1.20	2.19	2.03	1.81	29.34	ppb
Potassium	39-2	504.61	544.98	525.82	525.14	3.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	1.92	5.17	10.97	6.02	76.22	ppb
Selenium	78-2	5.00	3.31	5.59	4.63	25.56	ppb
Selenium	82-1	5.58	5.43	6.07	5.70	5.88	ppb
Silicon	28-1	9.28	13.88	20.25	14.47	38.08	ppb
Silver	109-1	1.07	1.10	1.19	1.12	5.68	ppb
Silver	107-1	1.00	1.01	1.14	1.05	7.13	ppb
Sodium	23-2	532.19	553.14	568.32	551.22	3.29	ppb
Strontium	86-1	0.99	1.08	1.15	1.07	7.87	ppb
Strontium	88-1	1.03	1.00	1.08	1.04	3.99	ppb
Sulfur	34-1	-2243.46	-1023.61	1843.95	-474.37		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.98	0.97	1.05	1.00	4.46	ppb
Thallium	205-1	0.95	0.98	1.05	0.99	5.46	ppb
Thorium	232-1	0.96	0.92	1.02	0.97	5.64	ppb
Tin	118-1	5.09	4.96	5.41	5.15	4.49	ppb
Titanium	47-1	4.58	5.19	5.61	5.13	10.11	ppb
Uranium	238-1	0.97	0.96	1.05	0.99	4.60	ppb
Vanadium	51-2	5.26	5.15	4.91	5.11	3.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.04	2.52	2.71	2.42	14.17	ppb
Zirconium	90-1	0.98	1.01	1.05	1.01	3.69	ppb
Zirconium	91-1	0.96	0.94	1.06	0.99	6.16	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1029.37	1019.76	1011.42	1020.18	0.88	ppb
Antimony	121-1	50.97	53.75	52.54	52.42	2.66	ppb
Arsenic	75-2	50.29	51.22	49.68	50.40	1.54	ppb
Barium	135-1	251.39	265.24	259.04	258.56	2.68	ppb
Barium	137-1	253.23	266.03	260.72	259.99	2.47	ppb
Beryllium	9-1	50.30	52.81	49.74	50.95	3.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	49.64	52.83	51.02	51.17	3.13	ppb
Boron	10-1	47.98	54.02	51.78	51.26	5.96	ppb
Cadmium	106-1	51.25	56.98	55.86	54.70	5.55	ppb
Cadmium	108-1	50.50	52.59	52.50	51.86	2.28	ppb
Cadmium	111-1	51.52	55.32	52.24	53.03	3.80	ppb
Calcium	43-1	4499.79	4865.75	4809.76	4725.10	4.17	ppb
Calcium	44-1	4694.71	4953.93	4752.65	4800.43	2.83	ppb
Chromium	52-2	52.08	52.23	53.34	52.55	1.30	ppb
Cobalt	59-2	52.96	52.67	52.92	52.85	0.29	ppb
Copper	63-2	106.45	108.34	105.35	106.71	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2649.09	2705.49	2654.97	2669.85	1.16	ppb
Iron	57-2	2605.13	2703.70	2605.38	2638.07	2.15	ppb
Krypton	83-1						cps
Lead	206-1	49.18	51.14	49.16	49.83	2.28	ppb
Lead	207-1	48.00	50.59	49.88	49.49	2.71	ppb
Lead	208-1	48.94	50.88	49.85	49.89	1.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	5394.01	5463.95	5388.91	5415.63	0.77	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.57	106.65	106.80	107.34	1.00	ppb
Molybdenum	94-1	245.39	254.92	251.19	250.50	1.92	ppb
Molybdenum	95-1	244.84	255.36	245.77	248.65	2.34	ppb
Molybdenum	96-1	247.33	254.94	244.54	248.94	2.16	ppb
Molybdenum	97-1	249.76	258.17	246.98	251.64	2.32	ppb
Molybdenum	98-1	244.31	256.50	246.91	249.24	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.55	54.33	53.96	53.95	0.73	ppb
Phosphorus	31-2	1090.23	1139.96	1204.44	1144.88	5.00	ppb
Potassium	39-2	2651.76	2599.90	2601.46	2617.71	1.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	56.28	53.60	58.00	55.96	3.97	ppb
Selenium	78-2	54.89	56.68	48.49	53.35	8.07	ppb
Selenium	82-1	51.60	51.75	51.75	51.70	0.17	ppb
Silicon	28-1	57.55	66.05	61.09	61.56	6.93	ppb
Silver	109-1	51.47	55.00	52.78	53.08	3.36	ppb
Silver	107-1	51.67	55.75	53.29	53.57	3.84	ppb
Sodium	23-2	5553.61	5587.68	5512.78	5551.36	0.68	ppb
Strontium	86-1	48.31	50.52	48.86	49.23	2.34	ppb
Strontium	88-1	50.23	52.21	50.47	50.97	2.11	ppb
Sulfur	34-1	437.39	2573.13	1569.60	1526.71	69.99	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	49.31	51.49	49.57	50.12	2.37	ppb
Thallium	205-1	49.35	51.22	49.87	50.15	1.93	ppb
Thorium	232-1	47.74	49.98	48.52	48.75	2.33	ppb
Tin	118-1	50.28	52.97	52.22	51.82	2.68	ppb
Titanium	47-1	243.70	258.10	247.22	249.67	3.01	ppb
Uranium	238-1	48.30	50.18	49.23	49.24	1.91	ppb
Vanadium	51-2	52.09	53.45	52.05	52.53	1.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.23	106.88	106.34	106.82	0.42	ppb
Zirconium	90-1	48.90	51.72	49.58	50.07	2.93	ppb
Zirconium	91-1	48.18	50.45	48.51	49.04	2.50	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2438.38	2572.15	2497.24	2502.59	2.68	ppb
Antimony	121-1	132.20	135.25	145.64	137.70	5.12	ppb
Arsenic	75-2	124.33	129.58	128.02	127.31	2.12	ppb
Barium	135-1	651.89	677.58	733.43	687.63	6.06	ppb
Barium	137-1	655.08	679.91	734.71	689.90	5.91	ppb
Beryllium	9-1	125.32	133.86	143.29	134.15	6.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	11-1	122.00	131.43	142.75	132.06	7.87	ppb
Boron	10-1	122.51	131.82	139.63	131.32	6.53	ppb
Cadmium	106-1	134.15	138.35	145.52	139.34	4.12	ppb
Cadmium	108-1	134.95	134.91	148.91	139.59	5.78	ppb
Cadmium	111-1	130.19	135.87	147.48	137.84	6.39	ppb
Calcium	43-1	11971.68	12587.97	13353.93	12637.86	5.48	ppb
Calcium	44-1	11988.21	12492.60	13409.21	12630.01	5.70	ppb
Chromium	52-2	127.14	134.64	131.52	131.10	2.88	ppb
Cobalt	59-2	127.09	134.45	131.63	131.05	2.83	ppb
Copper	63-2	256.88	270.62	266.07	264.52	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	6309.10	6600.49	6494.77	6468.12	2.28	ppb
Iron	57-2	6336.46	6668.53	6516.06	6507.02	2.55	ppb
Krypton	83-1						cps
Lead	206-1	124.96	131.96	139.67	132.20	5.57	ppb
Lead	207-1	124.44	130.14	138.15	130.91	5.26	ppb
Lead	208-1	124.94	131.89	139.45	132.09	5.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	13047.26	13697.01	13392.48	13378.92	2.43	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.13	274.54	263.83	264.83	3.49	ppb
Molybdenum	94-1	640.36	671.30	707.96	673.21	5.03	ppb
Molybdenum	95-1	650.71	668.38	715.45	678.18	4.93	ppb
Molybdenum	96-1	650.51	666.27	705.02	673.94	4.16	ppb
Molybdenum	97-1	647.31	675.83	712.29	678.48	4.80	ppb
Molybdenum	98-1	645.91	659.69	706.05	670.55	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.13	137.98	133.52	133.21	3.70	ppb
Phosphorus	31-2	2763.84	2765.43	2525.04	2684.77	5.15	ppb
Potassium	39-2	6332.68	6573.53	6518.36	6474.86	1.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	101.98	166.35	112.73	127.02	27.15	ppb
Selenium	78-2	127.04	127.49	133.55	129.36	2.81	ppb
Selenium	82-1	127.94	133.44	137.67	133.02	3.67	ppb
Silicon	28-1	134.61	149.86	164.50	149.66	9.99	ppb
Silver	109-1	131.21	136.37	149.32	138.97	6.72	ppb
Silver	107-1	132.64	135.89	146.87	138.47	5.38	ppb
Sodium	23-2	13285.63	14146.29	13713.16	13715.03	3.14	ppb
Strontium	86-1	127.23	130.07	141.48	132.93	5.68	ppb
Strontium	88-1	129.48	133.78	144.37	135.88	5.64	ppb
Sulfur	34-1	3936.56	6173.73	8747.57	6285.95	38.30	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	126.77	131.00	139.73	132.50	4.99	ppb
Thallium	205-1	127.57	132.21	142.61	134.13	5.74	ppb
Thorium	232-1	121.95	129.75	138.31	130.00	6.30	ppb
Tin	118-1	128.75	135.06	144.78	136.20	5.93	ppb
Titanium	47-1	638.42	671.59	706.76	672.26	5.08	ppb
Uranium	238-1	125.44	130.16	138.86	131.49	5.18	ppb
Vanadium	51-2	126.79	132.65	130.54	129.99	2.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:28:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	258.95	273.39	267.52	266.62	2.72	ppb
Zirconium	90-1	127.34	133.03	142.17	134.18	5.58	ppb
Zirconium	91-1	126.01	131.81	139.98	132.60	5.29	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4891.24	4915.99	4901.63	4902.95	0.25	ppb
Antimony	121-1	257.12	262.25	260.83	260.07	1.02	ppb
Arsenic	75-2	255.54	250.92	256.99	254.48	1.25	ppb
Barium	135-1	1287.29	1289.05	1312.15	1296.16	1.07	ppb
Barium	137-1	1303.06	1281.88	1311.70	1298.88	1.18	ppb
Beryllium	9-1	256.25	250.71	254.73	253.90	1.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	244.86	250.93	254.62	250.14	1.97	ppb
Boron	10-1	254.38	251.98	255.01	253.79	0.63	ppb
Cadmium	106-1	263.26	251.24	262.99	259.17	2.65	ppb
Cadmium	108-1	252.75	253.97	262.79	256.50	2.14	ppb
Cadmium	111-1	258.00	252.44	259.88	256.77	1.51	ppb
Calcium	43-1	23503.77	24098.42	24092.84	23898.35	1.43	ppb
Calcium	44-1	23305.93	23735.19	23441.50	23494.20	0.93	ppb
Chromium	52-2	258.31	260.45	258.54	259.10	0.45	ppb
Cobalt	59-2	255.60	259.66	258.57	257.95	0.81	ppb
Copper	63-2	519.10	522.59	521.16	520.95	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	12658.48	12790.75	12731.03	12726.75	0.52	ppb
Iron	57-2	12786.63	13048.65	13002.69	12945.99	1.08	ppb
Krypton	83-1						cps
Lead	206-1	248.65	249.11	246.77	248.18	0.50	ppb
Lead	207-1	247.84	247.79	246.93	247.52	0.21	ppb
Lead	208-1	251.57	251.05	251.28	251.30	0.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	26102.12	26581.94	26423.78	26369.28	0.93	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.33	526.33	517.28	519.98	1.06	ppb
Molybdenum	94-1	1263.81	1269.31	1251.36	1261.49	0.73	ppb
Molybdenum	95-1	1275.32	1281.08	1258.76	1271.72	0.91	ppb
Molybdenum	96-1	1261.06	1279.13	1252.28	1264.16	1.08	ppb
Molybdenum	97-1	1273.07	1276.89	1253.73	1267.89	0.98	ppb
Molybdenum	98-1	1263.37	1273.58	1228.59	1255.18	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.89	263.38	260.14	261.14	0.75	ppb
Phosphorus	31-2	5066.64	5076.36	5355.88	5166.30	3.18	ppb
Potassium	39-2	12821.23	12891.45	12726.02	12812.90	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	218.20	302.00	262.17	260.79	16.07	ppb
Selenium	78-2	266.21	264.30	276.14	268.88	2.36	ppb
Selenium	82-1	250.52	258.59	249.23	252.78	2.01	ppb
Silicon	28-1	269.40	278.69	281.67	276.58	2.31	ppb
Silver	109-1	259.23	256.20	266.94	260.79	2.12	ppb
Silver	107-1	265.71	260.75	263.67	263.38	0.95	ppb
Sodium	23-2	26580.93	26996.62	26950.90	26842.82	0.85	ppb
Strontium	86-1	248.00	253.10	249.22	250.11	1.06	ppb
Strontium	88-1	253.00	257.01	252.71	254.24	0.94	ppb
Sulfur	34-1	6593.25	6557.68	6931.60	6694.18	3.08	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	248.96	251.31	252.44	250.90	0.71	ppb
Thallium	205-1	253.09	255.73	258.49	255.77	1.06	ppb
Thorium	232-1	251.00	249.42	257.11	252.51	1.61	ppb
Tin	118-1	257.34	255.25	259.17	257.26	0.76	ppb
Titanium	47-1	1264.63	1263.28	1277.66	1268.52	0.63	ppb
Uranium	238-1	252.26	252.70	256.80	253.92	0.99	ppb
Vanadium	51-2	256.83	260.78	257.17	258.26	0.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	521.13	523.46	525.67	523.42	0.43	ppb
Zirconium	90-1	252.74	255.74	253.85	254.11	0.60	ppb
Zirconium	91-1	244.12	251.66	249.07	248.29	1.54	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9449.10	9404.69	9767.52	9540.43	2.07	ppb
Antimony	121-1	504.25	515.89	517.22	512.45	1.39	ppb
Arsenic	75-2	499.48	506.47	499.77	501.91	0.79	ppb
Barium	135-1	2541.82	2571.95	2569.31	2561.03	0.65	ppb
Barium	137-1	2496.18	2557.56	2544.33	2532.69	1.28	ppb
Beryllium	9-1	503.30	509.74	500.20	504.41	0.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	491.45	507.83	499.94	499.74	1.64	ppb
Boron	10-1	503.26	508.21	512.05	507.84	0.87	ppb
Cadmium	106-1	506.24	506.24	516.29	509.59	1.14	ppb
Cadmium	108-1	509.10	516.13	513.75	513.00	0.70	ppb
Cadmium	111-1	502.94	512.78	513.19	509.64	1.14	ppb
Calcium	43-1	47157.42	47110.09	47421.23	47229.58	0.35	ppb
Calcium	44-1	46628.93	46058.42	46264.42	46317.26	0.62	ppb
Chromium	52-2	513.93	505.19	526.16	515.09	2.04	ppb
Cobalt	59-2	506.52	497.78	520.51	508.27	2.26	ppb
Copper	63-2	1033.50	1000.68	1059.00	1031.06	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25081.91	24885.78	25918.29	25295.32	2.17	ppb
Iron	57-2	25383.19	25332.76	26002.83	25572.93	1.46	ppb
Krypton	83-1						cps
Lead	206-1	498.11	507.70	507.68	504.50	1.10	ppb
Lead	207-1	498.82	494.10	498.81	497.24	0.55	ppb
Lead	208-1	509.76	505.08	508.04	507.63	0.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	51572.04	51307.79	53973.48	52284.44	2.81	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.52	1006.26	1047.01	1026.27	1.99	ppb
Molybdenum	94-1	2518.35	2529.53	2530.29	2526.06	0.26	ppb
Molybdenum	95-1	2525.13	2525.09	2555.27	2535.16	0.69	ppb
Molybdenum	96-1	2507.99	2540.69	2540.01	2529.56	0.74	ppb
Molybdenum	97-1	2535.20	2556.83	2551.75	2547.93	0.44	ppb
Molybdenum	98-1	2526.89	2549.75	2526.40	2534.35	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.09	506.20	527.01	514.77	2.11	ppb
Phosphorus	31-2	10029.62	9999.35	10489.74	10172.90	2.70	ppb
Potassium	39-2	25015.45	24706.91	25655.89	25126.08	1.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	517.39	550.41	400.27	489.36	16.12	ppb
Selenium	78-2	471.30	502.58	497.79	490.56	3.43	ppb
Selenium	82-1	501.36	512.12	513.74	509.07	1.32	ppb
Silicon	28-1	530.42	535.93	551.22	539.19	2.00	ppb
Silver	109-1	511.24	514.78	513.99	513.34	0.36	ppb
Silver	107-1	506.91	517.12	513.98	512.67	1.02	ppb
Sodium	23-2	51442.69	51155.21	53138.77	51912.22	2.06	ppb
Strontium	86-1	500.01	500.96	509.01	503.33	0.98	ppb
Strontium	88-1	505.87	504.76	505.80	505.48	0.12	ppb
Sulfur	34-1	10190.12	8843.93	9381.20	9471.75	7.15	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	509.73	505.71	511.68	509.04	0.60	ppb
Thallium	205-1	508.88	505.71	512.07	508.88	0.62	ppb
Thorium	232-1	499.77	500.43	505.03	501.74	0.57	ppb
Tin	118-1	505.78	515.40	509.15	510.11	0.96	ppb
Titanium	47-1	2590.54	2546.38	2549.96	2562.29	0.96	ppb
Uranium	238-1	503.11	501.52	507.10	503.91	0.57	ppb
Vanadium	51-2	508.70	506.42	521.79	512.30	1.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1022.99	1011.56	1056.03	1030.20	2.24	ppb
Zirconium	90-1	505.44	512.77	505.79	508.00	0.81	ppb
Zirconium	91-1	495.32	499.72	499.79	498.28	0.51	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18431.17	18250.85	18675.28	18452.44	1.15	ppb
Antimony	121-1	962.77	993.89	1011.99	989.55	2.52	ppb
Arsenic	75-2	989.05	1001.34	1002.46	997.62	0.75	ppb
Barium	135-1	4778.54	5018.17	5052.35	4949.69	3.01	ppb
Barium	137-1	4802.69	5014.42	5071.36	4962.82	2.85	ppb
Beryllium	9-1	987.72	1002.31	996.85	995.63	0.74	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	959.70	1021.33	1016.43	999.15	3.43	ppb
Boron	10-1	964.97	1007.86	1010.06	994.30	2.56	ppb
Cadmium	106-1	963.68	998.46	1010.52	990.89	2.45	ppb
Cadmium	108-1	961.68	998.10	1010.10	989.96	2.55	ppb
Cadmium	111-1	945.22	1017.91	1012.07	991.73	4.07	ppb
Calcium	43-1	91327.43	93641.01	94811.30	93259.91	1.90	ppb
Calcium	44-1	89286.96	91985.68	93808.17	91693.60	2.48	ppb
Chromium	52-2	985.89	980.32	1001.65	989.29	1.12	ppb
Cobalt	59-2	993.15	981.54	1004.25	992.98	1.14	ppb
Copper	63-2	1971.69	1950.02	2009.53	1977.08	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	48317.16	48584.07	49682.01	48861.08	1.48	ppb
Iron	57-2	49250.13	49396.95	50619.81	49755.63	1.51	ppb
Krypton	83-1						cps
Lead	206-1	972.55	1011.77	1007.62	997.32	2.16	ppb
Lead	207-1	978.66	1013.71	1011.49	1001.28	1.96	ppb
Lead	208-1	967.37	1010.72	1006.85	994.98	2.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	97915.11	98720.68	99669.07	98768.29	0.89	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1968.26	1962.61	2008.08	1979.65	1.25	ppb
Molybdenum	94-1	4896.70	5019.87	5017.57	4978.05	1.42	ppb
Molybdenum	95-1	4894.22	5014.74	5002.26	4970.41	1.33	ppb
Molybdenum	96-1	4906.87	4999.02	5020.96	4975.62	1.22	ppb
Molybdenum	97-1	4868.11	5008.08	5018.20	4964.80	1.69	ppb
Molybdenum	98-1	4896.40	4984.16	5047.07	4975.88	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.20	978.35	1003.27	988.61	1.32	ppb
Phosphorus	31-2	20074.36	19600.34	19850.20	19841.63	1.20	ppb
Potassium	39-2	48030.64	48090.41	48997.78	48372.94	1.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	1026.62	998.72	980.88	1002.07	2.30	ppb
Selenium	78-2	976.77	1025.81	995.29	999.29	2.48	ppb
Selenium	82-1	979.00	1002.39	999.64	993.68	1.29	ppb
Silicon	28-1	929.34	975.11	1005.71	970.05	3.96	ppb
Silver	109-1	953.17	1008.28	1004.75	988.73	3.12	ppb
Silver	107-1	955.86	999.32	1010.20	988.46	2.91	ppb
Sodium	23-2	98669.34	98988.34	101935.10	99864.26	1.80	ppb
Strontium	86-1	973.98	1013.01	1005.09	997.36	2.07	ppb
Strontium	88-1	977.79	1003.54	1003.05	994.79	1.48	ppb
Sulfur	34-1	17639.56	20304.26	20079.19	19341.00	7.64	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	960.63	1020.09	1002.21	994.31	3.07	ppb
Thallium	205-1	955.96	1018.12	1004.82	992.97	3.30	ppb
Thorium	232-1	960.91	1024.57	1008.34	997.94	3.31	ppb
Tin	118-1	962.76	991.93	1020.23	991.64	2.90	ppb
Titanium	47-1	4807.72	4997.94	5069.34	4958.33	2.73	ppb
Uranium	238-1	955.12	1028.67	1005.09	996.29	3.77	ppb
Vanadium	51-2	987.75	984.96	1000.39	991.03	0.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1959.84	1955.89	2014.16	1976.63	1.65	ppb
Zirconium	90-1	974.09	1000.34	1007.04	993.82	1.75	ppb
Zirconium	91-1	981.31	1017.73	1002.12	1000.39	1.83	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98893.07	99004.77	103182.32	100360.05	2.44	ppb
Antimony	121-1	1.73	1.79	1.74	1.75	1.62	ppb
Arsenic	75-2	1.80	1.77	1.78	1.78	0.81	ppb
Barium	135-1	1.24	1.48	1.19	1.30	11.78	ppb
Barium	137-1	1.25	1.43	1.24	1.31	8.41	ppb
Beryllium	9-1	0.13	0.18	0.18	0.16	18.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	11-1	16.47	14.99	13.80	15.09	8.87	ppb
Boron	10-1	15.60	15.09	15.03	15.24	2.07	ppb
Cadmium	106-1	0.52	1.89	1.17	1.20	57.35	ppb
Cadmium	108-1	0.14	0.16	0.14	0.15	7.65	ppb
Cadmium	111-1	0.19	0.30	0.26	0.25	22.09	ppb
Calcium	43-1	497828.40	517934.44	489275.60	501679.48	2.93	ppb
Calcium	44-1	498233.79	518558.77	489518.30	502103.62	2.97	ppb
Chromium	52-2	46.00	46.00	48.74	46.91	3.37	ppb
Cobalt	59-2	12.58	12.65	12.85	12.69	1.10	ppb
Copper	63-2	4.73	4.85	5.07	4.88	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	245972.41	247697.29	256869.59	250179.76	2.34	ppb
Iron	57-2	246653.46	247139.65	256091.31	249961.48	2.13	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.79	1.52	1.73	11.30	ppb
Lead	207-1	1.78	1.73	1.50	1.67	8.95	ppb
Lead	208-1	1.76	1.71	1.56	1.67	6.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	492876.36	494531.19	512362.26	499923.27	2.16	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.91	13.09	14.16	13.72	4.06	ppb
Molybdenum	94-1	6.22	6.44	6.46	6.37	2.11	ppb
Molybdenum	95-1	7.62	8.44	7.77	7.94	5.52	ppb
Molybdenum	96-1	7.79	8.42	8.07	8.09	3.92	ppb
Molybdenum	97-1	7.87	8.22	7.60	7.89	3.94	ppb
Molybdenum	98-1	7.83	8.19	7.51	7.85	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.86	38.51	39.89	39.09	1.83	ppb
Phosphorus	31-2	-19.64	11.54	23.36	5.08	436.93	ppb
Potassium	39-2	246595.61	246695.51	257579.81	250290.31	2.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	1.83	1.83	-1.03	0.88	187.84	ppb
Selenium	78-2	-0.20	2.54	0.28	0.87	167.81	ppb
Selenium	82-1	1.79	1.39	1.69	1.62	12.84	ppb
Silicon	28-1	71.56	81.60	72.34	75.17	7.43	ppb
Silver	109-1	0.47	0.56	0.78	0.60	26.26	ppb
Silver	107-1	0.45	0.57	0.81	0.61	29.92	ppb
Sodium	23-2	492564.26	493134.32	513424.95	499707.84	2.38	ppb
Strontium	86-1	4.79	5.32	5.02	5.04	5.30	ppb
Strontium	88-1	4.98	5.23	4.94	5.05	3.12	ppb
Sulfur	34-1	-6328.66	-4976.85	-6843.94	-6049.82		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.37	0.35	0.37	0.36	2.88	ppb
Thallium	205-1	0.37	0.38	0.39	0.38	2.82	ppb
Thorium	232-1	0.09	0.10	0.09	0.09	5.98	ppb
Tin	118-1	1.25	1.38	1.29	1.30	4.96	ppb
Titanium	47-1	1.42	1.52	1.14	1.36	14.53	ppb
Uranium	238-1	0.15	0.18	0.15	0.16	9.14	ppb
Vanadium	51-2	0.45	0.45	0.40	0.43	5.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.81	16.04	17.16	16.67	3.42	ppb
Zirconium	90-1	0.49	0.50	0.44	0.48	6.57	ppb
Zirconium	91-1	0.47	0.52	0.44	0.48	8.39	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.09	493.53	522.20	498.61	4.31	ppb
Antimony	121-1	197.13	208.96	212.81	206.30	3.96	ppb
Arsenic	75-2	194.47	194.24	207.28	198.66	3.76	ppb
Barium	135-1	100.70	105.77	105.92	104.13	2.85	ppb
Barium	137-1	102.19	106.29	107.51	105.33	2.64	ppb
Beryllium	9-1	95.85	99.55	98.63	98.01	1.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	536.36	549.83	546.49	544.23	1.29	ppb
Boron	10-1	531.63	548.50	550.75	543.63	1.92	ppb
Cadmium	106-1	164.75	169.00	172.99	168.92	2.44	ppb
Cadmium	108-1	131.77	140.58	141.61	137.99	3.92	ppb
Cadmium	111-1	104.07	109.05	111.17	108.10	3.37	ppb
Calcium	43-1	2031.73	2142.69	2099.36	2091.26	2.67	ppb
Calcium	44-1	1893.90	2029.17	1983.60	1968.89	3.50	ppb
Chromium	52-2	96.12	98.29	103.06	99.16	3.58	ppb
Cobalt	59-2	100.48	99.81	105.49	101.92	3.05	ppb
Copper	63-2	101.20	100.51	106.89	102.87	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	1001.40	987.80	1064.40	1017.87	4.02	ppb
Iron	57-2	1000.54	1008.77	1052.60	1020.64	2.74	ppb
Krypton	83-1						cps
Lead	206-1	190.79	206.35	202.99	200.04	4.09	ppb
Lead	207-1	182.90	196.98	194.50	191.46	3.92	ppb
Lead	208-1	187.38	202.51	199.39	196.43	4.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	1217.63	1210.07	1266.99	1231.56	2.51	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.42	97.96	104.28	100.89	3.16	ppb
Molybdenum	94-1	1038.33	1107.01	1115.88	1087.07	3.90	ppb
Molybdenum	95-1	482.31	507.55	514.97	501.61	3.41	ppb
Molybdenum	96-1	564.60	588.17	594.56	582.44	2.71	ppb
Molybdenum	97-1	479.76	505.74	506.03	497.18	3.03	ppb
Molybdenum	98-1	489.32	510.29	511.38	503.66	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.49	100.30	108.01	103.60	3.83	ppb
Phosphorus	31-2	-9.80	-0.03	1.12	-2.90		ppb
Potassium	39-2	2005.09	1974.46	2164.98	2048.18	4.99	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	264.82	210.77	277.75	251.11	14.15	ppb
Selenium	78-2	202.42	201.03	209.08	204.18	2.11	ppb
Selenium	82-1	192.78	204.55	201.99	199.77	3.10	ppb
Silicon	28-1	448.83	470.41	462.69	460.64	2.37	ppb
Silver	109-1	101.01	105.24	108.13	104.79	3.41	ppb
Silver	107-1	102.54	106.38	109.10	106.01	3.11	ppb
Sodium	23-2	2062.99	2063.04	2191.45	2105.83	3.52	ppb
Strontium	86-1	472.74	493.25	495.45	487.15	2.57	ppb
Strontium	88-1	476.08	499.79	499.07	491.65	2.74	ppb
Sulfur	34-1	-6439.04	-5281.34	-5493.59	-5737.99		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	193.99	209.01	205.58	202.86	3.88	ppb
Thallium	205-1	198.84	217.32	211.65	209.27	4.52	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	3.04	ppb
Tin	118-1	511.85	538.29	545.55	531.89	3.33	ppb
Titanium	47-1	490.42	517.08	515.90	507.80	2.97	ppb
Uranium	238-1	490.63	510.94	514.84	505.47	2.57	ppb
Vanadium	51-2	98.03	98.55	103.76	100.12	3.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	203.35	204.38	217.68	208.47	3.83	ppb
Zirconium	90-1	470.03	493.48	495.79	486.43	2.93	ppb
Zirconium	91-1	453.45	487.89	486.57	475.97	4.10	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.16	22.19	13.36	18.90	25.53	ppb
Antimony	121-1	1.90	2.06	2.06	2.00	4.49	ppb
Arsenic	75-2	0.95	0.89	0.97	0.93	4.55	ppb
Barium	135-1	9.85	9.61	10.09	9.85	2.47	ppb
Barium	137-1	9.67	9.45	10.55	9.89	5.92	ppb
Beryllium	9-1	1.03	1.14	1.06	1.07	5.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	24.33	24.16	26.32	24.94	4.81	ppb
Boron	10-1	24.18	25.26	26.71	25.39	4.99	ppb
Cadmium	106-1	0.31	0.72	-0.15	0.29	150.45	ppb
Cadmium	108-1	0.84	0.82	1.20	0.95	22.94	ppb
Cadmium	111-1	1.00	0.95	1.09	1.01	6.84	ppb
Calcium	43-1	461.32	414.32	475.95	450.53	7.15	ppb
Calcium	44-1	427.62	420.35	460.72	436.23	4.93	ppb
Chromium	52-2	2.17	2.16	2.12	2.15	1.23	ppb
Cobalt	59-2	1.09	1.06	1.07	1.07	1.19	ppb
Copper	63-2	2.80	3.02	2.83	2.88	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	53.06	55.68	54.95	54.56	2.48	ppb
Iron	57-2	49.31	47.79	58.17	51.76	10.83	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.88	0.97	0.94	5.35	ppb
Lead	207-1	0.95	0.92	1.08	0.98	8.56	ppb
Lead	208-1	0.93	0.94	1.00	0.96	4.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	537.31	534.20	546.80	539.44	1.22	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.31	0.97	1.12	15.52	ppb
Molybdenum	94-1	4.86	4.76	4.99	4.87	2.40	ppb
Molybdenum	95-1	5.01	4.87	4.85	4.91	1.81	ppb
Molybdenum	96-1	5.04	4.86	5.09	5.00	2.49	ppb
Molybdenum	97-1	4.80	5.08	4.92	4.93	2.89	ppb
Molybdenum	98-1	4.66	4.75	5.01	4.80	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.10	1.00	1.09	8.35	ppb
Phosphorus	31-2	20.98	1.10	0.91	7.66	150.46	ppb
Potassium	39-2	546.32	568.80	574.36	563.16	2.64	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	-1.03	-1.03	19.44	5.80	203.87	ppb
Selenium	78-2	3.47	7.16	6.37	5.67	34.34	ppb
Selenium	82-1	5.54	4.22	5.76	5.17	16.08	ppb
Silicon	28-1	13.67	9.96	21.01	14.88	37.81	ppb
Silver	109-1	1.11	1.04	1.05	1.07	3.49	ppb
Silver	107-1	1.06	1.00	1.08	1.05	4.25	ppb
Sodium	23-2	555.01	555.67	552.59	554.42	0.29	ppb
Strontium	86-1	1.11	1.11	1.13	1.12	1.09	ppb
Strontium	88-1	0.97	0.95	1.03	0.98	3.96	ppb
Sulfur	34-1	-6476.54	-7038.82	-4303.57	-5939.65		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.96	0.95	0.99	0.97	2.61	ppb
Thallium	205-1	0.94	0.92	1.04	0.96	6.45	ppb
Thorium	232-1	0.88	0.91	0.96	0.92	4.37	ppb
Tin	118-1	5.05	4.83	5.30	5.06	4.70	ppb
Titanium	47-1	4.83	4.53	5.43	4.93	9.27	ppb
Uranium	238-1	0.91	0.93	0.96	0.93	2.83	ppb
Vanadium	51-2	5.46	5.11	5.32	5.30	3.32	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.69	2.67	2.54	2.63	3.10	ppb
Zirconium	90-1	1.00	1.01	1.02	1.01	0.74	ppb
Zirconium	91-1	0.94	0.90	1.08	0.97	10.01	ppb

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:20:05 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.55	-0.87	-0.61		ppb
Antimony	121-1	0.01	0.03	0.00	0.02	88.19	ppb
Arsenic	75-2	0.03	-0.02	-0.06	-0.02		ppb
Barium	135-1	-0.05	-0.03	-0.03	-0.04		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.06	0.06	0.02	0.05	46.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	1.45	1.40	1.14	1.33	12.80	ppb
Boron	10-1	2.40	1.40	1.73	1.84	27.65	ppb
Cadmium	106-1	-0.36	0.64	-0.87	-0.19		ppb
Cadmium	108-1	-0.03	-0.11	-0.11	-0.08		ppb
Cadmium	111-1	-0.04	0.05	-0.07	-0.02		ppb
Calcium	43-1	-1.18	-1.88	2.76	-0.10		ppb
Calcium	44-1	-2.94	-6.38	-5.81	-5.04		ppb
Chromium	52-2	-0.08	0.02	0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.60	0.72	0.80	0.71	14.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	0.23	0.12	0.13	0.16	36.56	ppb
Iron	57-2	-0.55	-1.33	2.35	0.15	1252.43	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	36.60	ppb
Lead	207-1	-0.02	0.00	0.00	-0.01		ppb
Lead	208-1	0.00	0.00	0.01	0.00	159.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.85	1.44	2.71	1.67	57.16	ppb

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:20:05 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.05	0.05	9.50	ppb
Molybdenum	94-1	0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	1670.34	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	189.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	2659.07	ppb
Phosphorus	31-2	-19.64	-19.64	2.54	-12.25		ppb
Potassium	39-2	2.99	19.87	18.09	13.65	67.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	1.82	-1.03	2.15	0.98	177.83	ppb
Selenium	78-2	-0.66	0.75	-0.66	-0.19		ppb
Selenium	82-1	-0.51	0.28	0.72	0.16	380.42	ppb
Silicon	28-1	-13.69	-16.49	-16.15	-15.44		ppb
Silver	109-1	0.03	0.00	0.01	0.01	84.23	ppb
Silver	107-1	0.02	0.00	0.00	0.01	174.00	ppb
Sodium	23-2	19.93	21.24	25.48	22.22	13.05	ppb
Strontium	86-1	0.05	0.00	0.07	0.04	99.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3969.93	-4770.90	-5194.80	-4645.21		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	126.65	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.05	-0.06	-0.03	-0.05		ppb
Uranium	238-1	-0.02	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:20:05	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.26	0.13	0.16	0.18	34.62	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	117.85	ppb

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:23:29 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82481.25	88768.47	87363.82	86204.51	3.83	ppb
Antimony	121-1	1.51	1.66	1.58	1.58	4.97	ppb
Arsenic	75-2	0.32	0.25	0.44	0.34	28.73	ppb
Barium	135-1	1.48	1.28	1.47	1.41	8.19	ppb
Barium	137-1	1.45	1.33	1.45	1.41	4.75	ppb
Beryllium	9-1	0.29	0.35	0.34	0.33	9.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	11-1	1.91	2.24	1.73	1.96	13.22	ppb
Boron	10-1	2.28	2.23	1.99	2.17	7.22	ppb
Cadmium	106-1	-0.92	-0.97	-0.28	-0.72		ppb
Cadmium	108-1	9.84	11.29	10.69	10.61	6.84	ppb
Cadmium	111-1	0.41	0.28	0.33	0.34	18.50	ppb
Calcium	43-1	91690.16	92096.68	90000.15	91262.33	1.22	ppb
Calcium	44-1	88898.86	89704.43	88806.91	89136.73	0.55	ppb
Chromium	52-2	18.03	19.78	19.65	19.15	5.09	ppb
Cobalt	59-2	1.06	1.18	1.15	1.13	5.62	ppb
Copper	63-2	8.48	9.13	9.08	8.89	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	91749.87	98193.20	96751.43	95564.83	3.54	ppb
Iron	57-2	92988.94	100699.73	98869.01	97519.23	4.13	ppb
Krypton	83-1						cps
Lead	206-1	4.69	4.87	4.81	4.79	1.96	ppb
Lead	207-1	4.09	4.30	4.18	4.19	2.55	ppb
Lead	208-1	4.40	4.50	4.37	4.42	1.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	93160.78	100183.55	98676.89	97340.41	3.80	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:23:29	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.48	7.59	7.97	7.68	3.32	ppb
Molybdenum	94-1	1328.30	1347.11	1338.80	1338.07	0.70	ppb
Molybdenum	95-1	1879.58	1922.86	1901.65	1901.36	1.14	ppb
Molybdenum	96-1	1815.92	1854.96	1824.69	1831.86	1.12	ppb
Molybdenum	97-1	1930.42	1910.01	1912.36	1917.59	0.58	ppb
Molybdenum	98-1	1878.68	1884.30	1882.84	1881.94	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.84	5.20	5.44	5.16	5.84	ppb
Phosphorus	31-2	94356.77	103176.57	100537.31	99356.88	4.56	ppb
Potassium	39-2	94587.28	102226.29	100711.04	99174.87	4.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	4.38	-1.03	4.65	2.67	120.02	ppb
Selenium	78-2	0.21	-0.66	-0.20	-0.22		ppb
Selenium	82-1	0.11	0.48	0.76	0.45	73.17	ppb
Silicon	28-1	50.00	53.03	97.79	66.94	39.97	ppb
Silver	109-1	0.47	0.46	0.51	0.48	5.23	ppb
Silver	107-1	0.47	0.53	0.52	0.51	6.18	ppb
Sodium	23-2	93958.60	100526.77	98416.17	97633.85	3.43	ppb
Strontium	86-1	33.34	33.89	32.79	33.34	1.65	ppb
Strontium	88-1	32.98	33.81	33.68	33.49	1.33	ppb
Sulfur	34-1	118340.36	118956.81	116862.98	118053.38	0.91	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.08	0.04	0.05	43.48	ppb
Thallium	205-1	0.08	0.06	0.04	0.06	25.39	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.23	ppb
Tin	118-1	0.18	0.16	0.18	0.17	8.18	ppb
Titanium	47-1	2002.11	2042.77	2014.14	2019.67	1.03	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.15	0.16	0.14	0.15	6.35	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:23:29	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.90	12.11	12.22	12.08	1.36	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	29.20	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	34.60	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:26:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88035.21	87083.53	83716.03	86278.26	2.63	ppb
Antimony	121-1	22.82	21.39	21.56	21.92	3.55	ppb
Arsenic	75-2	18.29	19.43	18.70	18.80	3.06	ppb
Barium	135-1	22.74	21.72	23.10	22.52	3.18	ppb
Barium	137-1	22.96	21.24	22.06	22.09	3.91	ppb
Beryllium	9-1	21.56	20.23	20.06	20.62	3.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Boron	11-1	57.48	54.53	55.59	55.87	2.67	ppb
Boron	10-1	59.73	55.18	55.99	56.97	4.26	ppb
Cadmium	106-1	24.93	22.20	25.02	24.05	6.68	ppb
Cadmium	108-1	32.44	29.45	33.34	31.75	6.41	ppb
Cadmium	111-1	20.85	19.62	20.61	20.36	3.21	ppb
Calcium	43-1	95771.59	90170.71	92380.58	92774.29	3.04	ppb
Calcium	44-1	94885.03	88889.64	90626.69	91467.12	3.37	ppb
Chromium	52-2	39.54	39.24	37.91	38.90	2.23	ppb
Cobalt	59-2	21.15	21.33	20.47	20.98	2.15	ppb
Copper	63-2	29.50	29.41	27.77	28.89	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				113		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	98839.71	97808.24	93546.90	96731.62	2.90	ppb
Iron	57-2	100766.62	99061.59	94882.93	98237.05	3.08	ppb
Krypton	83-1						cps
Lead	206-1	26.30	25.12	25.28	25.57	2.51	ppb
Lead	207-1	24.13	22.77	23.50	23.47	2.89	ppb
Lead	208-1	25.08	23.64	24.05	24.26	3.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	99141.99	99120.91	94873.16	97712.02	2.52	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:26:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.78	28.49	26.84	27.70	2.99	ppb
Molybdenum	94-1	1515.58	1440.17	1481.00	1478.92	2.55	ppb
Molybdenum	95-1	2060.16	1938.83	1986.24	1995.08	3.06	ppb
Molybdenum	96-1	1988.67	1892.64	1935.86	1939.06	2.48	ppb
Molybdenum	97-1	2060.64	1977.81	2018.74	2019.06	2.05	ppb
Molybdenum	98-1	2063.28	1927.60	1995.54	1995.48	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.52	25.17	25.10	25.26	0.90	ppb
Phosphorus	31-2	99531.03	100846.80	96202.88	98860.24	2.42	ppb
Potassium	39-2	100121.14	100485.28	95819.72	98808.71	2.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	38.23	16.24	18.56	24.34	49.64	ppb
Selenium	78-2	21.34	17.78	20.40	19.84	9.31	ppb
Selenium	82-1	20.85	19.41	21.34	20.53	4.86	ppb
Silicon	28-1	94.76	82.65	87.23	88.21	6.93	ppb
Silver	109-1	20.42	18.97	19.36	19.58	3.81	ppb
Silver	107-1	20.32	19.24	19.56	19.71	2.81	ppb
Sodium	23-2	99758.67	99027.65	95529.76	98105.36	2.30	ppb
Strontium	86-1	86.64	81.43	83.67	83.91	3.11	ppb
Strontium	88-1	88.60	83.47	85.87	85.98	2.99	ppb
Sulfur	34-1	125199.93	114645.24	117606.98	119150.72	4.57	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	21.23	20.15	20.57	20.65	2.66	ppb
Thallium	205-1	21.44	20.21	20.40	20.68	3.19	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	47.89	ppb
Tin	118-1	54.08	51.32	52.53	52.64	2.63	ppb
Titanium	47-1	2175.91	2044.99	2101.06	2107.32	3.12	ppb
Uranium	238-1	56.38	52.11	53.33	53.94	4.08	ppb
Vanadium	51-2	19.79	20.54	19.11	19.81	3.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:26:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.92	32.48	31.44	31.95	1.62	ppb
Zirconium	90-1	52.59	49.26	50.57	50.81	3.30	ppb
Zirconium	91-1	52.29	47.55	49.61	49.82	4.77	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51816.70	52288.27	52928.65	52344.54	1.07	ppb
Antimony	121-1	533.86	532.86	528.66	531.80	0.52	ppb
Arsenic	75-2	504.82	523.28	527.53	518.54	2.33	ppb
Barium	135-1	2681.17	2692.72	2644.36	2672.75	0.95	ppb
Barium	137-1	2670.57	2643.98	2616.41	2643.66	1.02	ppb
Beryllium	9-1	550.56	549.46	535.01	545.01	1.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	11-1	524.03	537.24	529.43	530.23	1.25	ppb
Boron	10-1	531.85	538.37	530.92	533.71	0.76	ppb
Cadmium	106-1	520.39	520.97	517.76	519.70	0.33	ppb
Cadmium	108-1	517.37	530.29	518.02	521.89	1.39	ppb
Cadmium	111-1	515.44	525.74	512.81	517.99	1.32	ppb
Calcium	43-1	240067.30	240184.22	238827.42	239692.98	0.31	ppb
Calcium	44-1	237862.73	239238.59	236179.38	237760.23	0.64	ppb
Chromium	52-2	542.51	552.46	554.46	549.81	1.16	ppb
Cobalt	59-2	517.87	525.11	527.04	523.34	0.92	ppb
Copper	63-2	1018.75	1028.80	1056.89	1034.81	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	129622.36	130889.99	130284.70	130265.68	0.49	ppb
Iron	57-2	131395.09	132197.73	134046.20	132546.34	1.03	ppb
Krypton	83-1						cps
Lead	206-1	541.45	531.29	520.99	531.24	1.93	ppb
Lead	207-1	523.06	528.00	515.39	522.15	1.22	ppb
Lead	208-1	534.06	538.18	521.11	531.12	1.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	254172.65	257258.57	259805.42	257078.88	1.10	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1070.72	1088.08	1097.85	1085.55	1.27	ppb
Molybdenum	94-1	2605.02	2654.63	2591.54	2617.06	1.27	ppb
Molybdenum	95-1	2610.90	2629.57	2608.20	2616.23	0.44	ppb
Molybdenum	96-1	2623.34	2659.13	2641.36	2641.28	0.68	ppb
Molybdenum	97-1	2627.57	2643.19	2636.62	2635.79	0.30	ppb
Molybdenum	98-1	2607.83	2649.47	2635.83	2631.05	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.52	537.46	544.53	536.50	1.59	ppb
Phosphorus	31-2	10416.42	10841.52	11169.23	10809.06	3.49	ppb
Potassium	39-2	130220.93	132445.59	132568.16	131744.89	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	599.40	534.46	499.91	544.59	9.27	ppb
Selenium	78-2	503.74	546.74	531.08	527.19	4.13	ppb
Selenium	82-1	510.99	524.62	517.79	517.80	1.32	ppb
Silicon	28-1	491.94	503.45	494.97	496.79	1.20	ppb
Silver	109-1	510.60	533.63	516.73	520.32	2.29	ppb
Silver	107-1	517.18	523.31	512.01	517.50	1.09	ppb
Sodium	23-2	254331.81	258713.47	259462.84	257502.71	1.08	ppb
Strontium	86-1	523.57	522.56	522.12	522.75	0.14	ppb
Strontium	88-1	528.93	529.49	527.42	528.61	0.20	ppb
Sulfur	34-1	9332.13	9309.19	9079.59	9240.30	1.51	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	545.52	541.73	521.66	536.30	2.39	ppb
Thallium	205-1	544.02	545.03	528.31	539.12	1.74	ppb
Thorium	232-1	537.78	539.55	530.11	535.81	0.94	ppb
Tin	118-1	524.43	545.78	524.38	531.53	2.32	ppb
Titanium	47-1	2697.01	2726.46	2651.18	2691.55	1.41	ppb
Uranium	238-1	539.30	532.54	540.50	537.45	0.80	ppb
Vanadium	51-2	533.01	539.48	541.65	538.05	0.84	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1046.90	1055.85	1056.99	1053.25	0.53	ppb
Zirconium	90-1	531.29	536.86	530.34	532.83	0.66	ppb
Zirconium	91-1	518.96	525.79	517.36	520.70	0.86	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.82	18.76	19.55	18.38	7.64	ppb
Antimony	121-1	2.25	2.12	2.09	2.15	3.88	ppb
Arsenic	75-2	1.10	1.03	1.14	1.09	5.58	ppb
Barium	135-1	10.88	10.00	8.86	9.91	10.24	ppb
Barium	137-1	10.75	9.94	9.47	10.05	6.44	ppb
Beryllium	9-1	1.19	1.00	0.89	1.03	14.34	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	26.67	25.58	24.75	25.67	3.77	ppb
Boron	10-1	26.11	26.89	25.68	26.23	2.35	ppb
Cadmium	106-1	1.42	1.10	1.65	1.39	19.89	ppb
Cadmium	108-1	1.06	1.11	0.80	0.99	17.10	ppb
Cadmium	111-1	1.07	1.08	0.96	1.04	6.28	ppb
Calcium	43-1	457.94	429.35	432.40	439.90	3.57	ppb
Calcium	44-1	478.96	457.42	422.55	452.98	6.28	ppb
Chromium	52-2	2.22	2.09	2.23	2.18	3.58	ppb
Cobalt	59-2	0.93	0.96	1.00	0.97	3.75	ppb
Copper	63-2	2.64	2.84	2.79	2.76	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	50.27	48.47	49.33	49.35	1.82	ppb
Iron	57-2	55.02	53.50	50.67	53.06	4.16	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.98	0.87	0.95	6.82	ppb
Lead	207-1	1.02	0.90	0.92	0.95	6.43	ppb
Lead	208-1	1.02	0.97	0.91	0.97	5.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	486.58	501.86	490.49	492.98	1.61	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.15	0.94	1.06	10.20	ppb
Molybdenum	94-1	5.38	5.09	4.47	4.98	9.25	ppb
Molybdenum	95-1	5.04	4.78	4.43	4.75	6.48	ppb
Molybdenum	96-1	5.40	5.00	4.52	4.97	8.89	ppb
Molybdenum	97-1	5.39	4.77	4.81	4.99	6.87	ppb
Molybdenum	98-1	5.33	4.77	4.54	4.88	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.32	0.97	1.10	17.43	ppb
Phosphorus	31-2	0.94	21.90	-9.35	4.50	354.07	ppb
Potassium	39-2	552.26	566.98	544.05	554.43	2.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-1.03	1.94	7.71	2.87	154.47	ppb
Selenium	78-2	5.93	4.10	1.67	3.90	54.73	ppb
Selenium	82-1	5.13	3.05	4.17	4.12	25.21	ppb
Silicon	28-1	13.62	11.37	4.32	9.77	49.69	ppb
Silver	109-1	1.21	1.05	0.99	1.08	10.65	ppb
Silver	107-1	1.15	1.09	0.97	1.07	8.41	ppb
Sodium	23-2	519.94	549.12	523.05	530.70	3.02	ppb
Strontium	86-1	1.27	1.32	1.13	1.24	7.98	ppb
Strontium	88-1	1.01	1.04	0.95	1.00	4.57	ppb
Sulfur	34-1	-4397.73	-5322.31	-7735.92	-5818.65		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.97	0.88	0.95	6.15	ppb
Thallium	205-1	1.00	0.96	0.88	0.95	6.63	ppb
Thorium	232-1	0.98	0.89	0.86	0.91	6.98	ppb
Tin	118-1	5.59	5.06	4.93	5.19	6.78	ppb
Titanium	47-1	5.30	4.54	4.62	4.82	8.69	ppb
Uranium	238-1	0.96	0.89	0.84	0.90	6.74	ppb
Vanadium	51-2	4.97	4.69	5.05	4.90	3.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.29	2.24	2.61	2.38	8.50	ppb
Zirconium	90-1	1.09	1.02	0.98	1.03	5.19	ppb
Zirconium	91-1	1.01	0.95	0.92	0.96	4.87	ppb

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:49:13 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.09	-0.15	-0.89	-0.71		ppb
Antimony	121-1	0.02	0.01	0.03	0.02	49.69	ppb
Arsenic	75-2	-0.03	0.05	0.03	0.02	266.38	ppb
Barium	135-1	-0.04	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.06	0.04	0.02	0.04	41.86	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	1.11	1.09	1.25	1.15	7.58	ppb
Boron	10-1	1.85	1.44	0.97	1.42	31.15	ppb
Cadmium	106-1	0.88	0.45	1.12	0.82	41.82	ppb
Cadmium	108-1	-0.10	-0.02	-0.10	-0.08		ppb
Cadmium	111-1	0.06	0.03	0.08	0.06	46.81	ppb
Calcium	43-1	7.34	5.69	4.47	5.83	24.71	ppb
Calcium	44-1	4.23	5.32	4.35	4.64	12.89	ppb
Chromium	52-2	0.00	-0.08	0.22	0.05	343.04	ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.61	0.63	0.94	0.73	25.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.32	0.26	0.90	0.49	71.53	ppb
Iron	57-2	-1.66	0.65	1.85	0.28	643.01	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	-0.01	0.01	-0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.00	0.01	65.99	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.57	3.07	1.96	2.53	21.98	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:49:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.05	0.03	0.01	477.85	ppb
Molybdenum	94-1	-0.02	0.02	0.03	0.01	279.21	ppb
Molybdenum	95-1	0.02	0.01	-0.01	0.00	316.73	ppb
Molybdenum	96-1	0.06	0.02	0.03	0.04	51.10	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	25.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	0.03	0.00		ppb
Phosphorus	31-2	42.55	-9.40	16.13	16.43	158.12	ppb
Potassium	39-2	3.70	20.43	59.41	27.85	102.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	0.28	-0.20	0.42	0.17	196.76	ppb
Selenium	82-1	-0.25	-0.44	-0.33	-0.34		ppb
Silicon	28-1	-3.74	-2.85	-5.06	-3.88		ppb
Silver	109-1	0.01	0.01	0.00	0.01	45.03	ppb
Silver	107-1	0.01	0.00	0.00	0.01	127.59	ppb
Sodium	23-2	35.28	30.62	50.18	38.69	26.40	ppb
Strontium	86-1	0.26	0.28	0.22	0.25	11.16	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	112.72	ppb
Sulfur	34-1	-4247.66	-3940.24	-4415.13	-4201.01		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Thorium	232-1	0.00	0.01	0.00	0.00	94.59	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.01	-0.02	-0.05	-0.02		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:49:13	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.32	0.21	0.28	0.27	20.56	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	1099.98	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	66.97	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.30	19.37	18.80	17.49	15.89	ppb
Antimony	121-1	2.01	1.89	2.11	2.00	5.42	ppb
Arsenic	75-2	0.85	1.21	0.87	0.98	20.69	ppb
Barium	135-1	9.71	10.17	9.67	9.85	2.81	ppb
Barium	137-1	10.18	9.53	10.01	9.90	3.41	ppb
Beryllium	9-1	1.04	0.91	0.90	0.95	8.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	23.63	23.98	26.15	24.59	5.55	ppb
Boron	10-1	26.40	23.47	25.79	25.22	6.13	ppb
Cadmium	106-1	0.08	0.21	1.22	0.50	124.83	ppb
Cadmium	108-1	0.94	0.69	1.06	0.90	21.31	ppb
Cadmium	111-1	0.92	0.88	1.01	0.93	7.38	ppb
Calcium	43-1	469.46	438.73	462.48	456.89	3.53	ppb
Calcium	44-1	445.79	417.64	460.78	441.40	4.96	ppb
Chromium	52-2	2.26	2.21	2.25	2.24	1.21	ppb
Cobalt	59-2	1.01	1.04	1.02	1.02	1.75	ppb
Copper	63-2	2.73	2.93	2.68	2.78	4.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	52.23	53.37	52.73	52.78	1.09	ppb
Iron	57-2	44.37	52.01	54.53	50.30	10.51	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.93	0.98	0.97	3.89	ppb
Lead	207-1	1.03	0.88	0.98	0.96	7.73	ppb
Lead	208-1	0.97	0.90	1.00	0.96	5.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	517.13	504.26	507.62	509.67	1.31	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.21	1.35	1.26	1.28	5.67	ppb
Molybdenum	94-1	5.06	4.54	5.16	4.92	6.77	ppb
Molybdenum	95-1	4.69	4.69	4.73	4.70	0.46	ppb
Molybdenum	96-1	4.57	4.70	4.99	4.75	4.46	ppb
Molybdenum	97-1	4.77	4.56	4.90	4.74	3.64	ppb
Molybdenum	98-1	4.67	4.47	4.90	4.68	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.10	1.08	1.13	5.75	ppb
Phosphorus	31-2	43.51	1.69	11.90	19.03	114.57	ppb
Potassium	39-2	530.27	551.16	529.08	536.83	2.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	14.07	5.00	7.81	8.96	51.84	ppb
Selenium	78-2	3.69	10.43	6.42	6.85	49.47	ppb
Selenium	82-1	4.66	4.08	6.01	4.92	20.14	ppb
Silicon	28-1	9.16	3.08	12.09	8.11	56.68	ppb
Silver	109-1	1.02	1.00	1.07	1.03	3.40	ppb
Silver	107-1	1.12	1.04	1.05	1.07	4.10	ppb
Sodium	23-2	562.73	563.98	554.39	560.37	0.93	ppb
Strontium	86-1	1.22	1.35	1.17	1.25	7.51	ppb
Strontium	88-1	0.97	0.95	1.05	0.99	4.98	ppb
Sulfur	34-1	-5246.71	-6902.62	-4006.88	-5385.40		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.89	0.97	0.92	4.38	ppb
Thallium	205-1	1.02	0.96	1.04	1.00	4.00	ppb
Thorium	232-1	0.89	0.87	0.96	0.90	5.22	ppb
Tin	118-1	5.12	4.93	5.18	5.08	2.61	ppb
Titanium	47-1	4.68	4.58	5.29	4.85	7.97	ppb
Uranium	238-1	0.91	0.88	0.95	0.91	3.82	ppb
Vanadium	51-2	5.00	5.12	4.96	5.03	1.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.63	2.08	2.41	2.37	11.55	ppb
Zirconium	90-1	0.99	0.91	1.02	0.98	6.03	ppb
Zirconium	91-1	0.96	0.98	0.93	0.96	2.70	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49576.09	50631.55	52468.62	50892.09	2.88	ppb
Antimony	121-1	541.03	532.83	519.74	531.20	2.02	ppb
Arsenic	75-2	504.60	518.31	522.49	515.13	1.82	ppb
Barium	135-1	2741.54	2687.71	2642.00	2690.41	1.85	ppb
Barium	137-1	2698.29	2620.17	2617.42	2645.29	1.74	ppb
Beryllium	9-1	546.93	533.16	519.02	533.04	2.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	11-1	525.45	519.87	511.78	519.03	1.32	ppb
Boron	10-1	526.19	528.58	513.47	522.74	1.55	ppb
Cadmium	106-1	541.38	534.15	519.63	531.72	2.08	ppb
Cadmium	108-1	531.79	535.68	513.51	526.99	2.25	ppb
Cadmium	111-1	527.35	520.87	504.25	517.49	2.30	ppb
Calcium	43-1	240886.46	237934.28	230095.82	236305.52	2.36	ppb
Calcium	44-1	240720.05	234651.52	227461.84	234277.80	2.83	ppb
Chromium	52-2	514.33	529.79	544.62	529.58	2.86	ppb
Cobalt	59-2	488.81	501.84	519.58	503.41	3.07	ppb
Copper	63-2	957.49	983.34	1024.79	988.54	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	121650.75	124637.40	128402.86	124897.00	2.71	ppb
Iron	57-2	123625.11	129165.71	130834.63	127875.15	2.95	ppb
Krypton	83-1						cps
Lead	206-1	524.92	510.43	501.60	512.32	2.30	ppb
Lead	207-1	518.09	506.61	498.33	507.68	1.95	ppb
Lead	208-1	526.98	518.05	507.56	517.53	1.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	245331.47	249978.91	257588.86	250966.41	2.47	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.40	1031.32	1066.63	1036.45	2.70	ppb
Molybdenum	94-1	2659.52	2561.78	2522.29	2581.20	2.74	ppb
Molybdenum	95-1	2617.89	2561.41	2534.29	2571.19	1.66	ppb
Molybdenum	96-1	2651.34	2542.20	2503.74	2565.76	2.98	ppb
Molybdenum	97-1	2658.53	2530.52	2527.84	2572.30	2.90	ppb
Molybdenum	98-1	2632.87	2507.11	2531.83	2557.27	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.13	511.06	531.80	515.00	2.96	ppb
Phosphorus	31-2	10945.19	10042.59	10433.22	10473.67	4.32	ppb
Potassium	39-2	125503.34	127844.40	133050.48	128799.40	3.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	445.76	525.93	539.51	503.74	10.06	ppb
Selenium	78-2	519.59	547.79	526.47	531.29	2.77	ppb
Selenium	82-1	522.41	512.25	501.00	511.89	2.09	ppb
Silicon	28-1	547.87	533.15	524.79	535.27	2.18	ppb
Silver	109-1	527.40	525.45	508.77	520.54	1.97	ppb
Silver	107-1	531.15	525.03	511.09	522.42	1.97	ppb
Sodium	23-2	245104.37	252108.76	257812.47	251675.20	2.53	ppb
Strontium	86-1	525.82	504.68	500.68	510.39	2.65	ppb
Strontium	88-1	533.53	517.48	504.87	518.63	2.77	ppb
Sulfur	34-1	10021.69	8243.02	7426.79	8563.83	15.49	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	536.14	521.13	517.41	524.89	1.89	ppb
Thallium	205-1	532.97	521.00	512.92	522.30	1.93	ppb
Thorium	232-1	533.83	521.54	516.20	523.86	1.73	ppb
Tin	118-1	550.31	529.10	520.89	533.43	2.85	ppb
Titanium	47-1	2693.20	2627.93	2552.84	2624.66	2.68	ppb
Uranium	238-1	543.43	527.51	516.36	529.10	2.57	ppb
Vanadium	51-2	504.51	514.63	533.68	517.61	2.86	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	977.63	1004.46	1041.35	1007.81	3.17	ppb
Zirconium	90-1	538.40	519.49	512.31	523.40	2.58	ppb
Zirconium	91-1	524.43	506.71	501.20	510.78	2.38	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.28	0.40	0.45	44.11	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	3.93	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	188.92	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	27.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	11-1	6.69	5.51	4.65	5.62	18.18	ppb
Boron	10-1	7.53	7.03	6.20	6.92	9.74	ppb
Cadmium	106-1	0.40	-0.88	0.16	-0.11		ppb
Cadmium	108-1	-0.18	0.11	-0.08	-0.05		ppb
Cadmium	111-1	0.03	-0.08	0.00	-0.02		ppb
Calcium	43-1	2.72	4.05	0.33	2.37	79.63	ppb
Calcium	44-1	-2.66	-1.02	-11.49	-5.06		ppb
Chromium	52-2	0.03	0.01	0.05	0.03	72.28	ppb
Cobalt	59-2	-0.01	-0.04	-0.01	-0.02		ppb
Copper	63-2	0.50	0.53	0.52	0.52	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	1.13	1.16	1.62	1.30	21.10	ppb
Iron	57-2	1.33	-0.05	4.98	2.09	124.56	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.06	0.08	25.45	ppb
Lead	207-1	0.09	0.07	0.05	0.07	28.17	ppb
Lead	208-1	0.08	0.10	0.06	0.08	23.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.20	3.84	3.54	3.19	27.47	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.09	0.01	0.02	325.41	ppb
Molybdenum	94-1	0.25	0.13	0.16	0.18	34.70	ppb
Molybdenum	95-1	0.20	0.21	0.19	0.20	6.66	ppb
Molybdenum	96-1	0.22	0.22	0.23	0.22	3.02	ppb
Molybdenum	97-1	0.24	0.19	0.24	0.22	12.40	ppb
Molybdenum	98-1	0.25	0.19	0.26	0.23	14.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.04	0.01	391.18	ppb
Phosphorus	31-2	2.30	1.71	-19.64	-5.21		ppb
Potassium	39-2	20.72	20.23	58.69	33.21	66.45	ppb
Rhodium	103-1				110		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	77-2	-1.03	-1.03	2.20	0.05	3888.40	ppb
Selenium	78-2	-0.17	1.26	0.89	0.66	112.12	ppb
Selenium	82-1	0.80	0.02	0.10	0.31	139.31	ppb
Silicon	28-1	-6.97	-9.83	-16.77	-11.19		ppb
Silver	109-1	0.04	0.03	0.02	0.03	41.90	ppb
Silver	107-1	0.05	0.02	0.02	0.03	60.61	ppb
Sodium	23-2	50.56	48.45	51.03	50.01	2.75	ppb
Strontium	86-1	0.16	0.11	0.33	0.20	57.73	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	67.32	ppb
Sulfur	34-1	-6285.57	-6805.98	-9364.94	-7485.50		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.03	0.04	0.04	18.69	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.45	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	17.42	ppb
Tin	118-1	0.05	0.05	0.04	0.04	8.35	ppb
Titanium	47-1	-0.03	0.05	-0.09	-0.02		ppb
Uranium	238-1	-0.02	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.37	0.00	0.41	0.26	86.35	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	65.14	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	60.11	ppb

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : PB114400BL Instrumnet Name : P8
 Client Sample ID : PB114400BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 15:09:57 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	0.23	-1.09	-0.73		ppb
Antimony	121-1	0.04	0.05	0.05	0.05	15.83	ppb
Arsenic	75-2	-0.02	0.05	-0.07	-0.02		ppb
Barium	135-1	-0.05	-0.03	-0.05	-0.04		ppb
Barium	137-1	-0.03	-0.03	-0.02	-0.02		ppb
Beryllium	9-1	0.06	0.07	0.05	0.06	19.23	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	3.50	3.50	3.45	3.48	0.84	ppb
Boron	10-1	4.02	3.65	4.38	4.02	9.06	ppb
Cadmium	106-1	0.45	-0.83	-0.39	-0.26		ppb
Cadmium	108-1	-0.07	-0.03	-0.18	-0.10		ppb
Cadmium	111-1	0.02	-0.07	-0.03	-0.03		ppb
Calcium	43-1	5.64	1.27	-0.30	2.21	139.43	ppb
Calcium	44-1	-2.15	-2.81	-3.71	-2.89		ppb
Chromium	52-2	-0.06	-0.01	-0.13	-0.07		ppb
Cobalt	59-2	-0.05	-0.01	-0.03	-0.03		ppb
Copper	63-2	0.39	0.44	0.48	0.44	11.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	0.55	0.84	0.60	0.67	23.62	ppb
Iron	57-2	-0.78	0.50	-0.77	-0.35		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	45.51	ppb
Lead	207-1	0.01	0.03	0.02	0.02	54.03	ppb
Lead	208-1	0.02	0.02	0.03	0.02	10.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.36	1.70	2.78	2.95	45.51	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BL	Instrumnet Name :	P8
Client Sample ID :	PB114400BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:09:57	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.03	-0.06	0.03	320.98	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	14065.57	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	7.13	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	9.60	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	50.13	ppb
Molybdenum	98-1	0.04	0.07	0.08	0.06	31.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.02	0.00		ppb
Phosphorus	31-2	1.08	-9.09	32.27	8.09	266.54	ppb
Potassium	39-2	8.58	22.53	21.00	17.37	44.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	1.91	-1.03	-1.03	-0.05		ppb
Selenium	78-2	1.22	0.30	-0.19	0.45	159.93	ppb
Selenium	82-1	0.87	-0.15	-0.52	0.07	1055.64	ppb
Silicon	28-1	-10.67	-9.12	-9.25	-9.68		ppb
Silver	109-1	0.01	0.01	0.00	0.01	49.80	ppb
Silver	107-1	0.02	0.01	0.01	0.01	51.12	ppb
Sodium	23-2	27.25	23.17	27.18	25.87	9.05	ppb
Strontium	86-1	0.22	0.19	0.25	0.22	13.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	113.94	ppb
Sulfur	34-1	-5429.40	-5201.04	-4795.16	-5141.87		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.01	0.00	40.31	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	164.56	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	71.33	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.00	0.04	-0.04	0.00		ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BL	Instrumnet Name :	P8
Client Sample ID :	PB114400BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:09:57	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.17	0.15	0.12	56.57	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	33.75	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10527.65	10027.32	9978.76	10177.91	2.99	ppb
Antimony	121-1	538.42	536.66	540.41	538.50	0.35	ppb
Arsenic	75-2	541.14	532.01	522.61	531.92	1.74	ppb
Barium	135-1	2698.79	2699.61	2733.16	2710.52	0.72	ppb
Barium	137-1	2664.80	2666.84	2708.39	2680.01	0.92	ppb
Beryllium	9-1	519.35	520.00	513.99	517.78	0.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	11-1	497.53	502.80	505.42	501.92	0.80	ppb
Boron	10-1	505.98	498.92	504.98	503.29	0.76	ppb
Cadmium	106-1	537.42	528.35	539.78	535.19	1.13	ppb
Cadmium	108-1	533.09	515.09	537.93	528.70	2.28	ppb
Cadmium	111-1	532.80	525.09	540.16	532.68	1.41	ppb
Calcium	43-1	48328.82	48487.24	47723.35	48179.80	0.84	ppb
Calcium	44-1	48023.23	48307.44	47451.07	47927.24	0.91	ppb
Chromium	52-2	544.88	530.37	532.20	535.82	1.47	ppb
Cobalt	59-2	543.49	522.19	525.99	530.56	2.14	ppb
Copper	63-2	1110.95	1053.57	1064.87	1076.46	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	27246.18	26421.12	26369.85	26679.05	1.84	ppb
Iron	57-2	27524.27	26452.95	26624.26	26867.16	2.14	ppb
Krypton	83-1						cps
Lead	206-1	520.29	518.60	516.26	518.38	0.39	ppb
Lead	207-1	511.15	509.16	511.54	510.62	0.25	ppb
Lead	208-1	520.01	517.65	519.02	518.89	0.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	55719.48	54192.67	54014.61	54642.25	1.72	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1117.56	1075.61	1079.85	1091.01	2.12	ppb
Molybdenum	94-1	2575.59	2554.35	2563.39	2564.45	0.42	ppb
Molybdenum	95-1	2590.61	2579.25	2565.88	2578.58	0.48	ppb
Molybdenum	96-1	2590.81	2575.48	2569.97	2578.75	0.42	ppb
Molybdenum	97-1	2594.86	2564.63	2593.87	2584.45	0.66	ppb
Molybdenum	98-1	2559.60	2562.71	2576.76	2566.36	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.91	526.28	532.64	537.28	2.59	ppb
Phosphorus	31-2	10513.91	10435.80	11165.65	10705.12	3.74	ppb
Potassium	39-2	27768.24	26340.31	26559.85	26889.47	2.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	575.81	550.55	548.17	558.18	2.74	ppb
Selenium	78-2	513.17	534.99	526.50	524.88	2.10	ppb
Selenium	82-1	521.17	514.50	519.51	518.39	0.67	ppb
Silicon	28-1	474.60	474.66	477.23	475.49	0.32	ppb
Silver	109-1	542.07	529.82	541.14	537.68	1.27	ppb
Silver	107-1	538.80	524.32	542.56	535.22	1.80	ppb
Sodium	23-2	55153.74	53680.95	53989.50	54274.73	1.43	ppb
Strontium	86-1	511.27	510.09	513.83	511.73	0.37	ppb
Strontium	88-1	518.55	515.23	517.46	517.08	0.33	ppb
Sulfur	34-1	8771.62	7640.54	6493.41	7635.19	14.92	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	527.98	515.53	533.44	525.65	1.75	ppb
Thallium	205-1	533.12	520.74	524.18	526.01	1.21	ppb
Thorium	232-1	510.14	500.92	512.21	507.76	1.18	ppb
Tin	118-1	540.58	538.18	541.22	539.99	0.30	ppb
Titanium	47-1	2669.20	2632.92	2615.45	2639.19	1.04	ppb
Uranium	238-1	508.00	504.08	513.86	508.64	0.97	ppb
Vanadium	51-2	551.07	528.94	531.59	537.20	2.25	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1100.32	1070.91	1078.51	1083.25	1.41	ppb
Zirconium	90-1	515.49	516.88	518.39	516.92	0.28	ppb
Zirconium	91-1	504.25	511.21	505.28	506.91	0.74	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.88	27.02	30.85	26.92	14.80	ppb
Antimony	121-1	22.90	21.57	23.16	22.55	3.80	ppb
Arsenic	75-2	0.53	0.63	0.57	0.57	8.85	ppb
Barium	135-1	4.32	3.91	3.80	4.01	6.84	ppb
Barium	137-1	4.09	4.08	3.87	4.02	3.08	ppb
Beryllium	9-1	-0.07	-0.05	-0.03	-0.05		ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	11-1	3.54	3.49	3.67	3.56	2.60	ppb
Boron	10-1	3.75	3.47	4.16	3.79	9.09	ppb
Cadmium	106-1	-0.84	-1.48	-0.97	-1.09		ppb
Cadmium	108-1	-0.06	0.03	-0.10	-0.04		ppb
Cadmium	111-1	-0.04	-0.08	-0.06	-0.06		ppb
Calcium	43-1	1554.04	1596.28	1641.92	1597.41	2.75	ppb
Calcium	44-1	1539.44	1550.79	1608.12	1566.11	2.35	ppb
Chromium	52-2	1.00	0.82	0.84	0.89	10.86	ppb
Cobalt	59-2	0.06	0.03	0.06	0.05	34.36	ppb
Copper	63-2	3.44	3.50	3.46	3.47	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	10.65	10.64	10.47	10.59	0.95	ppb
Iron	57-2	5.86	13.93	10.21	10.00	40.35	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.39	0.30	0.42	31.81	ppb
Lead	207-1	0.55	0.38	0.35	0.43	25.10	ppb
Lead	208-1	0.55	0.39	0.33	0.43	26.46	ppb
Lithium	6-1				181		%
Magnesium	24-2	560.65	537.66	527.08	541.79	3.17	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.70	14.32	14.57	14.20	3.15	ppb
Molybdenum	94-1	0.12	0.13	0.12	0.13	5.82	ppb
Molybdenum	95-1	0.15	0.12	0.18	0.15	19.73	ppb
Molybdenum	96-1	0.13	0.20	0.18	0.17	22.38	ppb
Molybdenum	97-1	0.32	0.35	0.27	0.31	11.84	ppb
Molybdenum	98-1	0.18	0.19	0.14	0.17	14.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.15	0.32	0.24	36.25	ppb
Phosphorus	31-2	-19.64	4.88	5.10	-3.22		ppb
Potassium	39-2	998.13	978.54	951.58	976.09	2.39	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	5.89	2.47	2.47	3.61	54.68	ppb
Selenium	78-2	-0.10	-0.10	2.15	0.65	199.92	ppb
Selenium	82-1	0.04	-0.40	-0.16	-0.17		ppb
Silicon	28-1	3429.52	3335.03	3447.96	3404.17	1.78	ppb
Silver	109-1	3.22	2.47	2.14	2.61	21.22	ppb
Silver	107-1	3.11	2.48	2.14	2.57	19.15	ppb
Sodium	23-2	3265.38	3239.74	3192.26	3232.46	1.15	ppb
Strontium	86-1	22.04	22.52	22.22	22.26	1.08	ppb
Strontium	88-1	22.60	22.45	23.03	22.69	1.32	ppb
Sulfur	34-1	-3728.79	-5394.72	-5171.44	-4764.98		ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	0.03	0.01	0.03	0.02	43.50	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	40.00	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	8.95	ppb
Tin	118-1	1.69	1.35	1.26	1.43	15.71	ppb
Titanium	47-1	0.73	0.64	0.56	0.65	13.18	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.13	0.15	0.17	0.15	14.20	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.00	11.26	11.43	11.23	1.91	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.44	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	49.67	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.30	27.60	28.55	29.15	6.59	ppb
Antimony	121-1	32.09	32.09	39.96	34.71	13.09	ppb
Arsenic	75-2	0.60	0.68	0.67	0.65	6.53	ppb
Barium	135-1	4.17	4.10	4.83	4.37	9.22	ppb
Barium	137-1	4.35	4.35	5.39	4.69	12.75	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	11-1	3.55	3.62	4.00	3.72	6.48	ppb
Boron	10-1	4.47	3.47	4.25	4.06	12.92	ppb
Cadmium	106-1	-1.73	-1.35	-0.88	-1.32		ppb
Cadmium	108-1	-0.01	-0.14	0.08	-0.03		ppb
Cadmium	111-1	-0.13	-0.09	-0.05	-0.09		ppb
Calcium	43-1	1664.26	1643.76	1996.93	1768.32	11.21	ppb
Calcium	44-1	1637.86	1622.36	2016.30	1758.84	12.68	ppb
Chromium	52-2	0.86	0.94	0.92	0.91	4.55	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	1.11	ppb
Copper	63-2	3.63	4.16	3.75	3.85	7.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				86		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	10.67	11.52	10.64	10.94	4.54	ppb
Iron	57-2	8.99	11.84	11.16	10.66	13.96	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.16	0.22	0.19	16.06	ppb
Lead	207-1	0.21	0.16	0.19	0.18	13.44	ppb
Lead	208-1	0.20	0.16	0.21	0.19	15.39	ppb
Lithium	6-1				132		%
Magnesium	24-2	537.94	559.79	544.61	547.45	2.05	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.02	14.41	13.78	13.74	5.09	ppb
Molybdenum	94-1	0.07	0.08	0.10	0.08	18.81	ppb
Molybdenum	95-1	0.13	0.13	0.07	0.11	27.24	ppb
Molybdenum	96-1	0.09	0.12	0.20	0.14	40.96	ppb
Molybdenum	97-1	0.16	0.20	0.29	0.22	29.36	ppb
Molybdenum	98-1	0.11	0.11	0.15	0.13	17.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.40	0.38	0.40	6.88	ppb
Phosphorus	31-2	-7.43	19.65	6.08	6.10	221.91	ppb
Potassium	39-2	820.01	871.96	811.27	834.41	3.93	ppb
Rhodium	103-1				83		%
Rhodium	103-2				90		%
Scandium	45-1				81		%
Scandium	45-2				85		%
Selenium	77-2	-1.03	6.50	2.60	2.69	139.93	ppb
Selenium	78-2	0.47	0.55	3.41	1.47	113.48	ppb
Selenium	82-1	0.03	0.66	0.23	0.30	106.28	ppb
Silicon	28-1	3372.40	3332.84	4176.50	3627.24	13.13	ppb
Silver	109-1	1.44	1.21	1.47	1.38	10.36	ppb
Silver	107-1	1.37	1.24	1.37	1.33	5.58	ppb
Sodium	23-2	3091.93	3305.30	3178.66	3191.96	3.36	ppb
Strontium	86-1	22.67	22.79	29.32	24.92	15.28	ppb
Strontium	88-1	23.37	23.40	29.38	25.38	13.64	ppb
Sulfur	34-1	-8220.37	-9011.83	-2555.63	-6595.94		ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	0.01	-0.01	0.04	0.01	147.16	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	14.13	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.36	ppb
Tin	118-1	0.93	0.78	1.06	0.93	15.06	ppb
Titanium	47-1	0.68	0.68	0.99	0.78	22.84	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.03		ppb
Vanadium	51-2	0.19	0.14	0.19	0.17	17.07	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.52	10.11	9.96	9.53	9.21	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	125.03	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	13.75	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.95	8.30	3.94	5.73	39.90	ppb
Antimony	121-1	6.40	6.21	5.99	6.20	3.32	ppb
Arsenic	75-2	0.09	0.06	0.14	0.10	38.86	ppb
Barium	135-1	0.76	0.79	0.67	0.74	8.57	ppb
Barium	137-1	0.77	0.75	0.77	0.76	1.43	ppb
Beryllium	9-1	0.07	0.00	-0.02	0.02	259.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	11-1	1.85	1.73	1.83	1.80	3.52	ppb
Boron	10-1	1.75	2.06	2.06	1.96	9.14	ppb
Cadmium	106-1	-0.71	-1.06	-0.58	-0.78		ppb
Cadmium	108-1	-0.06	0.06	-0.10	-0.03		ppb
Cadmium	111-1	-0.06	-0.09	-0.05	-0.07		ppb
Calcium	43-1	307.38	281.22	317.38	301.99	6.18	ppb
Calcium	44-1	323.80	324.51	314.61	320.97	1.72	ppb
Chromium	52-2	0.23	0.39	0.26	0.29	29.97	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	1.65	1.63	1.56	1.61	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	2.72	2.84	3.01	2.86	4.99	ppb
Iron	57-2	4.43	2.92	1.50	2.95	49.80	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	21.56	ppb
Lead	207-1	-0.01	0.02	0.01	0.01	218.82	ppb
Lead	208-1	0.01	0.02	0.01	0.01	41.71	ppb
Lithium	6-1				87		%
Magnesium	24-2	99.14	108.61	106.54	104.77	4.75	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.84	2.43	2.98	2.75	10.35	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	460.92	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	141.29	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	61.67	ppb
Molybdenum	97-1	0.04	0.04	0.08	0.06	36.43	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	14.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.02	0.01	0.02	231.03	ppb
Phosphorus	31-2	-7.90	-7.65	4.17	-3.79		ppb
Potassium	39-2	144.04	171.56	185.53	167.05	12.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	-1.03	9.07	2.31	3.45	149.00	ppb
Selenium	78-2	1.47	0.96	-0.12	0.77	105.63	ppb
Selenium	82-1	0.35	0.09	0.38	0.27	58.28	ppb
Silicon	28-1	643.86	632.40	642.14	639.47	0.97	ppb
Silver	109-1	0.49	0.41	0.42	0.44	9.12	ppb
Silver	107-1	0.46	0.43	0.41	0.44	5.55	ppb
Sodium	23-2	666.29	668.62	663.94	666.28	0.35	ppb
Strontium	86-1	4.61	4.84	4.55	4.67	3.32	ppb
Strontium	88-1	4.63	4.65	4.46	4.58	2.25	ppb
Sulfur	34-1	-11461.72	-11348.64	-11502.16	-11437.51		ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	0.00	0.00	4.02	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	0.00	0.01	0.00	106.02	ppb
Tin	118-1	0.06	0.02	0.03	0.04	57.98	ppb
Titanium	47-1	0.25	0.21	0.20	0.22	12.77	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.08	0.02	0.03	0.04	65.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.96	2.05	1.71	1.91	9.07	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	337.31	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9115.23	9076.98	9206.96	9133.05	0.73	ppb
Antimony	121-1	531.87	525.39	538.14	531.80	1.20	ppb
Arsenic	75-2	523.53	529.09	519.32	523.98	0.94	ppb
Barium	135-1	2534.81	2534.34	2567.15	2545.43	0.74	ppb
Barium	137-1	2514.34	2521.03	2518.56	2517.98	0.13	ppb
Beryllium	9-1	303.68	302.23	315.26	307.06	2.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				85		%
Boron	11-1	315.52	318.52	340.27	324.77	4.16	ppb
Boron	10-1	309.42	320.52	351.76	327.23	6.71	ppb
Cadmium	106-1	478.17	478.64	468.73	475.18	1.18	ppb
Cadmium	108-1	490.28	482.02	483.51	485.27	0.91	ppb
Cadmium	111-1	489.49	479.03	489.75	486.09	1.26	ppb
Calcium	43-1	47285.97	47359.91	47695.42	47447.10	0.46	ppb
Calcium	44-1	46485.03	46703.11	46832.54	46673.56	0.38	ppb
Chromium	52-2	527.96	531.14	544.30	534.47	1.62	ppb
Cobalt	59-2	539.61	540.59	553.12	544.44	1.38	ppb
Copper	63-2	1121.92	1135.47	1159.97	1139.12	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	56-2	25534.53	25700.26	26253.12	25829.30	1.46	ppb
Iron	57-2	25958.79	25904.90	26595.81	26153.17	1.47	ppb
Krypton	83-1						cps
Lead	206-1	509.48	510.87	512.45	510.93	0.29	ppb
Lead	207-1	486.26	489.36	489.52	488.38	0.38	ppb
Lead	208-1	506.56	503.64	504.02	504.74	0.31	ppb
Lithium	6-1				119		%
Magnesium	24-2	52827.57	53282.37	53799.93	53303.29	0.91	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1057.17	1055.88	1065.34	1059.46	0.48	ppb
Molybdenum	94-1	2505.42	2531.74	2519.93	2519.03	0.52	ppb
Molybdenum	95-1	2531.17	2531.22	2529.13	2530.51	0.05	ppb
Molybdenum	96-1	2569.23	2538.62	2552.57	2553.47	0.60	ppb
Molybdenum	97-1	2567.08	2548.51	2563.51	2559.70	0.39	ppb
Molybdenum	98-1	2541.82	2529.71	2525.07	2532.20	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.87	553.80	568.49	558.72	1.51	ppb
Phosphorus	31-2	5.58	-19.64	6.51	-2.52		ppb
Potassium	39-2	25411.53	25431.26	25651.00	25497.93	0.52	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	77-2	497.04	561.53	534.26	530.94	6.10	ppb
Selenium	78-2	501.46	490.88	500.42	497.59	1.17	ppb
Selenium	82-1	498.00	505.09	501.02	501.37	0.71	ppb
Silicon	28-1	3723.01	3666.76	3751.36	3713.71	1.16	ppb
Silver	109-1	489.17	478.24	476.10	481.17	1.46	ppb
Silver	107-1	482.67	483.45	475.34	480.49	0.93	ppb
Sodium	23-2	54904.29	55062.90	56453.33	55473.51	1.54	ppb
Strontium	86-1	520.30	531.34	523.80	525.15	1.07	ppb
Strontium	88-1	527.49	536.44	534.68	532.87	0.89	ppb
Sulfur	34-1	-6534.56	-6490.88	-6549.05	-6524.83		ppb
Terbium	159-1				99		%
Terbium	159-2				88		%
Thallium	203-1	509.47	523.98	515.27	516.24	1.41	ppb
Thallium	205-1	523.42	519.91	522.31	521.88	0.34	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	2.07	ppb
Tin	118-1	498.66	494.41	497.82	496.96	0.45	ppb
Titanium	47-1	2553.59	2568.43	2585.15	2569.06	0.61	ppb
Uranium	238-1	505.21	513.60	514.89	511.23	1.03	ppb
Vanadium	51-2	527.83	531.06	530.66	529.85	0.33	ppb
Yttrium	89-1				91		%
Yttrium	89-2				83		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1041.44	1044.61	1068.46	1051.51	1.40	ppb
Zirconium	90-1	505.95	515.33	507.61	509.63	0.98	ppb
Zirconium	91-1	494.78	499.66	497.49	497.31	0.49	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9336.68	9159.01	9155.21	9216.97	1.12	ppb
Antimony	121-1	522.90	515.41	513.88	517.40	0.93	ppb
Arsenic	75-2	520.86	529.74	521.02	523.87	0.97	ppb
Barium	135-1	2518.42	2464.58	2466.15	2483.05	1.23	ppb
Barium	137-1	2446.55	2473.50	2440.78	2453.61	0.71	ppb
Beryllium	9-1	341.85	351.49	346.60	346.65	1.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				86		%
Boron	11-1	359.03	374.32	381.10	371.48	3.04	ppb
Boron	10-1	371.05	384.73	393.85	383.21	2.99	ppb
Cadmium	106-1	492.17	468.84	465.82	475.61	3.03	ppb
Cadmium	108-1	485.58	471.67	469.21	475.49	1.86	ppb
Cadmium	111-1	482.02	478.81	469.01	476.61	1.42	ppb
Calcium	43-1	48239.60	47886.20	48234.04	48119.94	0.42	ppb
Calcium	44-1	47412.87	47198.44	47394.64	47335.31	0.25	ppb
Chromium	52-2	549.05	547.12	545.48	547.22	0.33	ppb
Cobalt	59-2	562.89	553.79	560.91	559.20	0.86	ppb
Copper	63-2	1165.21	1172.41	1161.29	1166.30	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				82		%
Iron	56-2	26535.60	26249.14	26223.22	26335.99	0.66	ppb
Iron	57-2	26836.61	26585.43	26796.52	26739.52	0.50	ppb
Krypton	83-1						cps
Lead	206-1	515.29	503.40	507.47	508.72	1.19	ppb
Lead	207-1	493.90	482.19	491.02	489.03	1.25	ppb
Lead	208-1	510.72	498.13	507.78	505.54	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	54661.55	53852.73	53883.05	54132.44	0.85	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1089.44	1064.76	1078.02	1077.40	1.15	ppb
Molybdenum	94-1	2527.32	2536.90	2463.97	2509.40	1.58	ppb
Molybdenum	95-1	2530.85	2516.97	2460.99	2502.94	1.48	ppb
Molybdenum	96-1	2566.01	2525.12	2503.22	2531.45	1.26	ppb
Molybdenum	97-1	2601.92	2534.89	2492.69	2543.16	2.17	ppb
Molybdenum	98-1	2558.91	2510.75	2470.81	2513.49	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.89	569.78	568.87	571.18	0.57	ppb
Phosphorus	31-2	20.35	46.45	-19.64	15.72	211.77	ppb
Potassium	39-2	25871.71	25683.78	25579.90	25711.80	0.58	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				81		%
Selenium	77-2	514.12	537.82	490.24	514.06	4.63	ppb
Selenium	78-2	466.15	483.23	500.50	483.29	3.55	ppb
Selenium	82-1	502.11	494.20	486.87	494.39	1.54	ppb
Silicon	28-1	3613.99	3602.37	3626.41	3614.26	0.33	ppb
Silver	109-1	478.61	472.00	462.23	470.95	1.75	ppb
Silver	107-1	474.55	470.99	462.58	469.37	1.31	ppb
Sodium	23-2	56913.85	56029.97	56548.71	56497.51	0.79	ppb
Strontium	86-1	528.07	513.25	507.50	516.28	2.06	ppb
Strontium	88-1	533.67	517.51	520.14	523.78	1.66	ppb
Sulfur	34-1	-8168.48	-8311.66	-8294.22	-8258.12		ppb
Terbium	159-1				101		%
Terbium	159-2				88		%
Thallium	203-1	520.98	513.67	516.49	517.05	0.71	ppb
Thallium	205-1	526.18	516.05	523.22	521.82	1.00	ppb
Thorium	232-1	0.06	0.06	0.07	0.06	5.33	ppb
Tin	118-1	492.51	490.79	476.71	486.67	1.78	ppb
Titanium	47-1	2501.08	2511.15	2509.86	2507.36	0.22	ppb
Uranium	238-1	514.78	509.32	516.48	513.53	0.73	ppb
Vanadium	51-2	539.07	538.03	542.47	539.85	0.43	ppb
Yttrium	89-1				92		%
Yttrium	89-2				82		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1091.02	1086.55	1091.47	1089.68	0.25	ppb
Zirconium	90-1	508.35	501.46	499.32	503.04	0.94	ppb
Zirconium	91-1	501.79	494.42	487.53	494.58	1.44	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9156.72	9124.51	9327.50	9202.91	1.19	ppb
Antimony	121-1	529.06	517.22	528.21	524.83	1.26	ppb
Arsenic	75-2	537.47	535.29	524.09	532.28	1.35	ppb
Barium	135-1	2531.26	2514.55	2574.34	2540.05	1.21	ppb
Barium	137-1	2508.33	2477.69	2525.41	2503.81	0.97	ppb
Beryllium	9-1	373.97	382.51	380.99	379.16	1.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	11-1	394.60	411.93	416.10	407.54	2.80	ppb
Boron	10-1	405.05	422.28	416.51	414.61	2.11	ppb
Cadmium	106-1	477.17	470.47	489.40	479.01	2.00	ppb
Cadmium	108-1	487.92	467.22	489.54	481.56	2.58	ppb
Cadmium	111-1	484.53	480.45	491.00	485.33	1.10	ppb
Calcium	43-1	47970.63	48795.62	48910.13	48558.79	1.06	ppb
Calcium	44-1	47327.41	47420.53	47795.90	47514.61	0.52	ppb
Chromium	52-2	548.38	552.04	552.97	551.13	0.44	ppb
Cobalt	59-2	561.29	561.88	566.75	563.31	0.53	ppb
Copper	63-2	1162.85	1187.99	1184.24	1178.36	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	25995.17	26646.84	26849.05	26497.02	1.68	ppb
Iron	57-2	26624.25	26596.52	26925.76	26715.51	0.68	ppb
Krypton	83-1						cps
Lead	206-1	502.62	515.29	526.55	514.82	2.33	ppb
Lead	207-1	483.86	494.36	498.64	492.29	1.54	ppb
Lead	208-1	500.48	510.95	517.10	509.51	1.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	53554.38	53760.51	53914.81	53743.23	0.34	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1054.07	1077.04	1080.19	1070.43	1.33	ppb
Molybdenum	94-1	2546.60	2601.29	2592.54	2580.14	1.14	ppb
Molybdenum	95-1	2555.58	2615.33	2602.30	2591.07	1.21	ppb
Molybdenum	96-1	2557.64	2586.85	2597.38	2580.62	0.80	ppb
Molybdenum	97-1	2554.91	2598.68	2620.26	2591.28	1.29	ppb
Molybdenum	98-1	2547.21	2571.79	2578.34	2565.78	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	566.40	583.20	582.36	577.32	1.64	ppb
Phosphorus	31-2	-19.64	7.01	33.94	7.10	377.25	ppb
Potassium	39-2	25617.72	25595.31	25941.67	25718.24	0.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				84		%
Scandium	45-2				81		%
Selenium	77-2	553.61	608.31	522.17	561.36	7.77	ppb
Selenium	78-2	526.75	502.32	509.82	512.96	2.44	ppb
Selenium	82-1	499.08	504.63	512.85	505.52	1.37	ppb
Silicon	28-1	3635.15	3661.70	3667.25	3654.70	0.47	ppb
Silver	109-1	473.02	469.50	478.56	473.69	0.96	ppb
Silver	107-1	473.97	472.91	483.25	476.71	1.19	ppb
Sodium	23-2	56549.66	57314.71	56886.93	56917.10	0.67	ppb
Strontium	86-1	529.18	535.43	531.75	532.12	0.59	ppb
Strontium	88-1	526.85	539.82	535.46	534.04	1.24	ppb
Sulfur	34-1	-8124.88	-8540.89	-8293.00	-8319.59		ppb
Terbium	159-1				102		%
Terbium	159-2				89		%
Thallium	203-1	509.36	524.70	529.42	521.16	2.01	ppb
Thallium	205-1	512.17	524.72	534.68	523.86	2.15	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	3.28	ppb
Tin	118-1	492.48	485.93	493.14	490.51	0.81	ppb
Titanium	47-1	2572.87	2567.05	2594.60	2578.17	0.56	ppb
Uranium	238-1	512.96	514.55	524.13	517.21	1.17	ppb
Vanadium	51-2	541.12	545.11	545.56	543.93	0.45	ppb
Yttrium	89-1				91		%
Yttrium	89-2				82		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1074.55	1090.84	1089.10	1084.83	0.82	ppb
Zirconium	90-1	507.21	516.49	517.25	513.65	1.09	ppb
Zirconium	91-1	497.82	506.63	513.35	505.93	1.54	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.67	43.06	39.10	41.28	4.87	ppb
Antimony	121-1	28.51	28.02	28.44	28.32	0.94	ppb
Arsenic	75-2	5.79	5.13	5.61	5.51	6.22	ppb
Barium	135-1	27.72	27.76	27.16	27.55	1.21	ppb
Barium	137-1	27.28	28.94	27.70	27.98	3.08	ppb
Beryllium	9-1	0.15	0.10	0.16	0.14	22.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				90		%
Boron	11-1	16.75	15.53	15.56	15.94	4.35	ppb
Boron	10-1	17.57	16.94	17.29	17.27	1.83	ppb
Cadmium	106-1	-0.40	-0.74	-1.24	-0.79		ppb
Cadmium	108-1	0.60	0.37	0.48	0.48	24.10	ppb
Cadmium	111-1	0.49	0.45	0.46	0.47	4.51	ppb
Calcium	43-1	1865.47	1915.80	1874.48	1885.25	1.42	ppb
Calcium	44-1	1853.00	1864.37	1860.97	1859.45	0.31	ppb
Chromium	52-2	1.58	1.37	1.48	1.48	7.01	ppb
Cobalt	59-2	2.49	2.34	2.61	2.48	5.52	ppb
Copper	63-2	5.01	5.16	4.89	5.02	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				88		%
Indium	115-1				99		%
Indium	115-2				83		%
Iron	56-2	1007.45	1019.44	1049.15	1025.35	2.09	ppb
Iron	57-2	1062.22	1034.35	1066.62	1054.40	1.66	ppb
Krypton	83-1						cps
Lead	206-1	2.04	2.09	2.23	2.12	4.59	ppb
Lead	207-1	2.02	1.95	1.81	1.93	5.32	ppb
Lead	208-1	2.05	1.98	1.98	2.00	1.86	ppb
Lithium	6-1				88		%
Magnesium	24-2	495.78	530.07	550.81	525.55	5.29	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.48	24.95	26.86	26.43	4.98	ppb
Molybdenum	94-1	0.30	0.29	0.22	0.27	15.39	ppb
Molybdenum	95-1	0.38	0.28	0.28	0.31	19.86	ppb
Molybdenum	96-1	0.41	0.33	0.35	0.36	11.75	ppb
Molybdenum	97-1	0.38	0.40	0.45	0.41	8.35	ppb
Molybdenum	98-1	0.35	0.35	0.29	0.33	11.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.39	2.14	2.20	7.72	ppb
Phosphorus	31-2	-6.19	7.53	-19.64	-6.10		ppb
Potassium	39-2	827.79	809.46	832.83	823.36	1.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				83		%
Scandium	45-2				79		%
Selenium	77-2	6.57	2.78	-1.03	2.77	136.95	ppb
Selenium	78-2	-0.05	0.56	-0.05	0.15	227.04	ppb
Selenium	82-1	-0.18	0.47	0.29	0.19	176.59	ppb
Silicon	28-1	3088.27	3117.54	3083.70	3096.50	0.59	ppb
Silver	109-1	0.57	0.50	0.46	0.51	11.14	ppb
Silver	107-1	0.64	0.55	0.45	0.55	17.70	ppb
Sodium	23-2	3655.24	3616.86	3731.54	3667.88	1.59	ppb
Strontium	86-1	26.06	26.03	26.90	26.33	1.88	ppb
Strontium	88-1	26.79	26.77	26.32	26.63	0.99	ppb
Sulfur	34-1	-8524.21	-8922.76	-9238.81	-8895.26		ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	0.11	0.06	0.07	0.08	36.12	ppb
Thallium	205-1	0.08	0.06	0.05	0.07	21.24	ppb
Thorium	232-1	0.01	0.00	0.00	0.01	28.61	ppb
Tin	118-1	3.08	2.92	2.85	2.95	4.04	ppb
Titanium	47-1	0.47	0.59	0.55	0.53	11.22	ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.35	0.44	0.50	0.43	17.74	ppb
Yttrium	89-1				91		%
Yttrium	89-2				81		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.76	29.39	31.39	30.51	3.35	ppb
Zirconium	90-1	0.05	0.04	0.04	0.05	8.16	ppb
Zirconium	91-1	0.04	0.04	0.08	0.06	39.66	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	601.71	596.90	592.30	596.97	0.79	ppb
Antimony	121-1	26.27	25.16	25.97	25.80	2.21	ppb
Arsenic	75-2	2.51	2.21	2.49	2.41	6.92	ppb
Barium	135-1	181.84	182.94	185.13	183.30	0.91	ppb
Barium	137-1	185.91	182.48	183.64	184.01	0.95	ppb
Beryllium	9-1	0.34	0.34	0.33	0.33	2.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				87		%
Boron	11-1	11.58	11.23	10.10	10.97	7.03	ppb
Boron	10-1	12.10	11.68	11.87	11.88	1.79	ppb
Cadmium	106-1	-0.73	-1.63	-0.68	-1.01		ppb
Cadmium	108-1	-0.02	0.25	-0.10	0.04	462.51	ppb
Cadmium	111-1	0.09	0.00	0.09	0.06	92.79	ppb
Calcium	43-1	9441.65	9379.44	9437.28	9419.46	0.37	ppb
Calcium	44-1	9528.25	9474.71	9599.61	9534.19	0.66	ppb
Chromium	52-2	0.96	1.06	1.13	1.05	8.09	ppb
Cobalt	59-2	32.27	32.89	32.86	32.67	1.08	ppb
Copper	63-2	4.64	4.71	4.59	4.65	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				88		%
Indium	115-1				96		%
Indium	115-2				81		%
Iron	56-2	7243.33	7301.79	7165.41	7236.84	0.95	ppb
Iron	57-2	7180.18	7223.44	7202.19	7201.94	0.30	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.01	0.98	1.01	3.28	ppb
Lead	207-1	0.96	0.98	1.04	0.99	4.35	ppb
Lead	208-1	0.97	1.02	0.96	0.98	3.38	ppb
Lithium	6-1				79		%
Magnesium	24-2	2450.28	2444.87	2451.41	2448.85	0.14	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1457.86	1470.52	1463.08	1463.82	0.43	ppb
Molybdenum	94-1	0.10	0.14	0.09	0.11	21.60	ppb
Molybdenum	95-1	0.14	0.18	0.14	0.15	15.57	ppb
Molybdenum	96-1	0.18	0.18	0.19	0.19	3.33	ppb
Molybdenum	97-1	0.20	0.18	0.26	0.21	19.52	ppb
Molybdenum	98-1	0.17	0.20	0.18	0.18	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.26	4.65	4.71	4.54	5.39	ppb
Phosphorus	31-2	-19.64	21.98	21.57	7.97	300.07	ppb
Potassium	39-2	1848.65	1847.63	1800.03	1832.11	1.52	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				82		%
Scandium	45-2				79		%
Selenium	77-2	27.16	41.49	23.68	30.78	30.67	ppb
Selenium	78-2	8.93	6.15	5.00	6.69	30.22	ppb
Selenium	82-1	1.67	0.48	1.24	1.13	53.33	ppb
Silicon	28-1	3801.15	3645.99	3727.55	3724.90	2.08	ppb
Silver	109-1	0.45	0.42	0.33	0.40	15.66	ppb
Silver	107-1	0.45	0.37	0.36	0.39	13.10	ppb
Sodium	23-2	134284.59	138206.28	135819.60	136103.49	1.45	ppb
Strontium	86-1	94.04	90.00	91.30	91.78	2.25	ppb
Strontium	88-1	94.19	93.48	93.58	93.75	0.41	ppb
Sulfur	34-1	-8125.52	-9017.09	-8938.77	-8693.79		ppb
Terbium	159-1				100		%
Terbium	159-2				87		%
Thallium	203-1	0.06	0.06	0.04	0.06	20.09	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	8.70	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	43.96	ppb
Tin	118-1	1.75	1.76	1.75	1.75	0.35	ppb
Titanium	47-1	0.70	0.69	0.90	0.76	16.00	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	0.18	0.18	0.19	0.18	2.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.46	13.36	11.43	12.75	8.97	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	119.08	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	36.51	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50417.12	49866.76	49999.58	50094.49	0.57	ppb
Antimony	121-1	529.84	513.14	518.01	520.33	1.65	ppb
Arsenic	75-2	534.75	547.64	542.45	541.61	1.20	ppb
Barium	135-1	2689.80	2616.14	2647.92	2651.29	1.39	ppb
Barium	137-1	2670.64	2637.51	2622.47	2643.54	0.93	ppb
Beryllium	9-1	593.42	582.42	577.59	584.48	1.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	576.57	581.94	592.92	583.81	1.43	ppb
Boron	10-1	580.76	587.66	591.41	586.61	0.92	ppb
Cadmium	106-1	533.52	502.47	512.25	516.08	3.08	ppb
Cadmium	108-1	513.26	508.66	512.14	511.35	0.47	ppb
Cadmium	111-1	516.89	504.89	502.97	508.25	1.48	ppb
Calcium	43-1	242478.88	236776.73	234043.09	237766.23	1.81	ppb
Calcium	44-1	238537.35	234504.59	234355.33	235799.09	1.01	ppb
Chromium	52-2	574.72	578.06	571.04	574.61	0.61	ppb
Cobalt	59-2	561.20	562.16	550.72	558.02	1.14	ppb
Copper	63-2	1106.87	1113.09	1099.67	1106.54	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	133169.44	132303.88	132441.26	132638.19	0.35	ppb
Iron	57-2	134662.81	136159.91	135086.21	135302.98	0.57	ppb
Krypton	83-1						cps
Lead	206-1	544.50	530.23	522.57	532.44	2.09	ppb
Lead	207-1	530.97	518.91	508.20	519.36	2.19	ppb
Lead	208-1	538.28	526.89	522.05	529.07	1.57	ppb
Lithium	6-1				76		%
Magnesium	24-2	259555.36	257825.18	258508.44	258629.66	0.34	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1075.17	1070.43	1067.08	1070.89	0.38	ppb
Molybdenum	94-1	2669.03	2609.59	2545.90	2608.17	2.36	ppb
Molybdenum	95-1	2682.10	2623.38	2519.10	2608.20	3.17	ppb
Molybdenum	96-1	2684.76	2631.01	2560.39	2625.39	2.38	ppb
Molybdenum	97-1	2742.09	2644.07	2554.40	2646.85	3.55	ppb
Molybdenum	98-1	2701.86	2648.52	2548.16	2632.85	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	577.12	572.73	563.57	571.14	1.21	ppb
Phosphorus	31-2	11537.78	10642.53	10285.01	10821.77	5.96	ppb
Potassium	39-2	130092.78	129739.97	129177.18	129669.98	0.36	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	541.00	559.54	493.68	531.41	6.39	ppb
Selenium	78-2	526.31	496.42	521.21	514.65	3.11	ppb
Selenium	82-1	520.03	516.92	505.09	514.01	1.53	ppb
Silicon	28-1	502.72	507.42	524.39	511.51	2.23	ppb
Silver	109-1	512.46	503.01	505.63	507.04	0.96	ppb
Silver	107-1	517.13	504.83	509.14	510.37	1.22	ppb
Sodium	23-2	265347.60	263322.15	264874.24	264514.66	0.40	ppb
Strontium	86-1	529.05	507.53	511.87	516.15	2.20	ppb
Strontium	88-1	538.44	515.21	514.85	522.83	2.59	ppb
Sulfur	34-1	10646.61	9841.71	10186.15	10224.82	3.95	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	549.65	535.80	529.83	538.43	1.89	ppb
Thallium	205-1	551.50	532.02	526.66	536.72	2.44	ppb
Thorium	232-1	551.20	531.71	527.77	536.89	2.34	ppb
Tin	118-1	523.98	512.90	527.01	521.30	1.42	ppb
Titanium	47-1	2692.96	2640.66	2654.29	2662.63	1.02	ppb
Uranium	238-1	559.51	530.05	525.01	538.19	3.46	ppb
Vanadium	51-2	559.26	556.92	558.09	558.09	0.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1074.62	1083.39	1070.98	1076.33	0.59	ppb
Zirconium	90-1	540.70	524.74	513.61	526.35	2.59	ppb
Zirconium	91-1	529.91	517.79	505.52	517.74	2.36	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:00:56	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	1.19	1.09	0.61	149.59	ppb
Antimony	121-1	0.23	0.29	0.32	0.28	16.71	ppb
Arsenic	75-2	0.07	0.12	0.06	0.08	37.64	ppb
Barium	135-1	-0.03	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.02	-0.02	0.03	0.01	212.93	ppb
Beryllium	9-1	0.14	0.15	0.09	0.13	26.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	11.42	10.28	9.61	10.44	8.77	ppb
Boron	10-1	12.38	9.47	10.28	10.71	14.01	ppb
Cadmium	106-1	-0.62	-0.13	-1.12	-0.63		ppb
Cadmium	108-1	-0.04	-0.07	-0.11	-0.07		ppb
Cadmium	111-1	-0.02	-0.01	-0.07	-0.04		ppb
Calcium	43-1	11.03	9.42	9.30	9.92	9.76	ppb
Calcium	44-1	19.42	19.53	23.08	20.68	10.08	ppb
Chromium	52-2	0.14	0.19	0.16	0.16	13.46	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.94	0.85	0.81	0.87	7.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	2.32	2.28	1.65	2.08	17.89	ppb
Iron	57-2	2.49	2.99	-0.20	1.76	97.65	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.14	0.13	11.66	ppb
Lead	207-1	0.11	0.15	0.12	0.13	17.29	ppb
Lead	208-1	0.14	0.14	0.15	0.14	3.80	ppb
Lithium	6-1				80		%
Magnesium	24-2	4.69	6.76	4.93	5.46	20.66	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:00:56	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.10	0.14	0.07	121.78	ppb
Molybdenum	94-1	0.21	0.23	0.20	0.22	6.41	ppb
Molybdenum	95-1	0.30	0.22	0.28	0.27	17.04	ppb
Molybdenum	96-1	0.34	0.29	0.30	0.31	9.33	ppb
Molybdenum	97-1	0.34	0.22	0.31	0.29	22.11	ppb
Molybdenum	98-1	0.29	0.29	0.26	0.28	7.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.04	-0.01	0.04	106.26	ppb
Phosphorus	31-2	5.26	16.70	4.17	8.71	79.69	ppb
Potassium	39-2	25.60	16.42	17.08	19.70	26.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	-1.03	2.30	-1.03	0.08	2315.95	ppb
Selenium	78-2	-0.66	-0.12	-0.66	-0.48		ppb
Selenium	82-1	-0.49	0.14	-0.35	-0.23		ppb
Silicon	28-1	-12.33	-12.70	-8.15	-11.06		ppb
Silver	109-1	0.10	0.09	0.11	0.10	10.24	ppb
Silver	107-1	0.10	0.10	0.07	0.09	17.70	ppb
Sodium	23-2	63.09	51.09	51.19	55.12	12.52	ppb
Strontium	86-1	0.17	0.30	0.30	0.26	28.07	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	19.97	ppb
Sulfur	34-1	-6790.38	-6037.98	-3918.90	-5582.42		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.11	0.11	0.12	17.92	ppb
Thallium	205-1	0.15	0.16	0.10	0.14	23.07	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	9.56	ppb
Tin	118-1	0.06	0.06	0.12	0.08	44.57	ppb
Titanium	47-1	0.08	0.02	-0.01	0.03	153.19	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.02	0.02	0.01	99.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:00:56	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.49	0.19	0.32	0.33	45.86	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.29	ppb
Zirconium	91-1	0.05	0.05	0.04	0.05	8.89	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.42	57.70	66.65	62.26	7.19	ppb
Antimony	121-1	26.62	24.49	24.03	25.05	5.52	ppb
Arsenic	75-2	12.45	11.91	12.32	12.22	2.29	ppb
Barium	135-1	13.29	12.64	12.89	12.94	2.52	ppb
Barium	137-1	12.51	11.83	12.53	12.29	3.22	ppb
Beryllium	9-1	0.04	0.04	0.08	0.05	42.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				88		%
Boron	11-1	10.58	10.76	10.72	10.69	0.88	ppb
Boron	10-1	10.70	12.00	10.78	11.16	6.51	ppb
Cadmium	106-1	-2.08	-1.14	-0.88	-1.37		ppb
Cadmium	108-1	-0.11	-0.07	-0.07	-0.08		ppb
Cadmium	111-1	-0.14	-0.07	-0.06	-0.09		ppb
Calcium	43-1	7454.88	7235.09	7315.12	7335.03	1.52	ppb
Calcium	44-1	7640.23	7332.66	7231.85	7401.58	2.87	ppb
Chromium	52-2	1.49	1.55	1.33	1.46	7.81	ppb
Cobalt	59-2	0.64	0.61	0.60	0.62	3.24	ppb
Copper	63-2	4.68	4.74	4.89	4.77	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				100		%
Indium	115-2				81		%
Iron	56-2	19382.67	19186.09	19190.75	19253.17	0.58	ppb
Iron	57-2	19565.22	19273.81	19552.34	19463.79	0.85	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.53	0.56	0.56	4.17	ppb
Lead	207-1	0.57	0.55	0.50	0.54	6.64	ppb
Lead	208-1	0.59	0.53	0.53	0.55	6.27	ppb
Lithium	6-1				86		%
Magnesium	24-2	2967.70	2943.80	2929.93	2947.14	0.65	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.67	200.25	198.81	200.58	0.97	ppb
Molybdenum	94-1	0.78	0.79	0.68	0.75	8.09	ppb
Molybdenum	95-1	1.05	0.98	1.09	1.04	5.16	ppb
Molybdenum	96-1	1.01	1.06	0.98	1.02	3.94	ppb
Molybdenum	97-1	1.07	1.21	0.96	1.08	11.60	ppb
Molybdenum	98-1	0.99	1.00	1.04	1.01	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.43	2.30	2.38	2.71	ppb
Phosphorus	31-2	37.08	8.28	8.52	17.96	92.19	ppb
Potassium	39-2	2561.46	2530.10	2533.37	2541.64	0.68	ppb
Rhodium	103-1				91		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				77		%
Selenium	77-2	2.91	2.85	-1.03	1.58	142.89	ppb
Selenium	78-2	-0.66	1.21	0.59	0.38	249.61	ppb
Selenium	82-1	0.04	0.41	0.31	0.25	74.54	ppb
Silicon	28-1	6038.95	5827.00	5828.22	5898.06	2.07	ppb
Silver	109-1	0.82	0.59	0.61	0.67	19.18	ppb
Silver	107-1	0.86	0.68	0.54	0.69	22.77	ppb
Sodium	23-2	31233.51	30394.53	30694.51	30774.19	1.38	ppb
Strontium	86-1	62.02	62.08	62.00	62.03	0.06	ppb
Strontium	88-1	64.29	63.27	63.91	63.83	0.81	ppb
Sulfur	34-1	3847.36	1648.91	740.66	2078.98	76.83	ppb
Terbium	159-1				102		%
Terbium	159-2				85		%
Thallium	203-1	0.05	0.03	0.01	0.03	68.22	ppb
Thallium	205-1	0.05	0.06	0.02	0.04	39.71	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	11.69	ppb
Tin	118-1	2.11	1.97	1.81	1.96	7.71	ppb
Titanium	47-1	1.79	1.69	1.98	1.82	8.24	ppb
Uranium	238-1	0.75	0.74	0.71	0.73	2.43	ppb
Vanadium	51-2	0.79	0.77	0.79	0.78	1.39	ppb
Yttrium	89-1				91		%
Yttrium	89-2				79		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.46	23.42	24.44	24.44	4.19	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	12.54	ppb
Zirconium	91-1	0.10	0.12	0.08	0.10	21.14	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	159.39	147.65	153.54	153.53	3.83	ppb
Antimony	121-1	22.34	21.54	21.93	21.94	1.82	ppb
Arsenic	75-2	3.28	3.18	3.20	3.22	1.73	ppb
Barium	135-1	3.25	3.11	3.30	3.22	3.09	ppb
Barium	137-1	3.13	3.25	3.14	3.17	2.18	ppb
Beryllium	9-1	0.11	0.15	0.12	0.13	17.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	11-1	9.01	8.51	8.84	8.79	2.87	ppb
Boron	10-1	8.95	9.32	9.87	9.38	4.93	ppb
Cadmium	106-1	-2.56	-1.78	-1.98	-2.11		ppb
Cadmium	108-1	0.01	-0.14	-0.07	-0.07		ppb
Cadmium	111-1	-0.19	-0.13	-0.14	-0.15		ppb
Calcium	43-1	1085.04	1081.10	1101.09	1089.08	0.97	ppb
Calcium	44-1	1068.81	1097.93	1079.00	1081.91	1.37	ppb
Chromium	52-2	1.46	1.39	1.29	1.38	6.09	ppb
Cobalt	59-2	0.04	0.06	0.03	0.04	34.52	ppb
Copper	63-2	4.08	4.18	4.04	4.10	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	170.54	170.75	178.65	173.31	2.67	ppb
Iron	57-2	161.66	170.34	178.91	170.30	5.06	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.27	0.21	0.24	10.95	ppb
Lead	207-1	0.18	0.20	0.19	0.19	5.70	ppb
Lead	208-1	0.21	0.22	0.19	0.21	6.57	ppb
Lithium	6-1				73		%
Magnesium	24-2	323.98	332.30	326.04	327.44	1.32	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.64	8.26	8.27	8.39	2.61	ppb
Molybdenum	94-1	0.13	0.12	0.08	0.11	26.13	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	12.67	ppb
Molybdenum	96-1	0.08	0.10	0.09	0.09	7.75	ppb
Molybdenum	97-1	0.20	0.15	0.18	0.18	12.57	ppb
Molybdenum	98-1	0.10	0.10	0.07	0.09	22.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.42	0.60	0.48	21.34	ppb
Phosphorus	31-2	77.87	104.82	64.18	82.29	25.13	ppb
Potassium	39-2	619.33	595.48	582.38	599.06	3.13	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				82		%
Scandium	45-2				78		%
Selenium	77-2	-1.03	-1.03	6.75	1.57	286.60	ppb
Selenium	78-2	-0.66	2.46	-0.66	0.38	471.74	ppb
Selenium	82-1	0.52	-0.54	-0.08	-0.03		ppb
Silicon	28-1	3012.57	3048.48	2998.40	3019.82	0.85	ppb
Silver	109-1	0.43	0.39	0.38	0.40	6.62	ppb
Silver	107-1	0.44	0.36	0.34	0.38	14.28	ppb
Sodium	23-2	9378.32	9410.96	9474.02	9421.10	0.52	ppb
Strontium	86-1	6.53	6.63	7.06	6.74	4.13	ppb
Strontium	88-1	6.54	6.47	6.47	6.50	0.62	ppb
Sulfur	34-1	-9103.23	-9542.27	-10470.34	-9705.28		ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.40	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	234.22	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	15.74	ppb
Tin	118-1	0.91	0.96	1.01	0.96	5.44	ppb
Titanium	47-1	4.15	4.50	4.37	4.34	4.03	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.39	0.41	0.36	0.39	7.03	ppb
Yttrium	89-1				90		%
Yttrium	89-2				79		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.90	9.16	9.23	9.10	1.89	ppb
Zirconium	90-1	0.05	0.03	0.06	0.04	37.01	ppb
Zirconium	91-1	0.03	0.05	0.07	0.05	37.75	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.06	3.92	7.26	6.08	30.78	ppb
Antimony	121-1	0.14	0.12	0.11	0.12	12.77	ppb
Arsenic	75-2	0.04	0.04	0.07	0.05	35.88	ppb
Barium	135-1	-0.02	0.03	-0.03	-0.01		ppb
Barium	137-1	0.01	0.03	0.00	0.01	85.31	ppb
Beryllium	9-1	0.03	0.02	0.07	0.04	66.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	11-1	1.76	2.04	1.73	1.84	9.20	ppb
Boron	10-1	2.08	2.08	2.13	2.10	1.26	ppb
Cadmium	106-1	-1.24	-0.71	-0.54	-0.83		ppb
Cadmium	108-1	-0.04	-0.11	-0.04	-0.07		ppb
Cadmium	111-1	-0.10	-0.06	-0.04	-0.07		ppb
Calcium	43-1	18.54	15.76	13.02	15.77	17.49	ppb
Calcium	44-1	26.84	23.56	26.10	25.50	6.76	ppb
Chromium	52-2	0.13	0.05	0.23	0.14	64.15	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	1.19	1.05	1.12	1.12	6.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	10.06	9.70	9.38	9.71	3.50	ppb
Iron	57-2	10.91	12.77	9.89	11.19	13.04	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	20.82	ppb
Lead	207-1	0.05	0.03	0.07	0.05	45.28	ppb
Lead	208-1	0.07	0.05	0.06	0.06	18.62	ppb
Lithium	6-1				78		%
Magnesium	24-2	4.21	4.56	5.77	4.85	16.88	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.66	0.90	0.75	0.77	15.43	ppb
Molybdenum	94-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.00	131.19	ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	61.48	ppb
Molybdenum	97-1	0.04	0.04	0.09	0.06	48.72	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.20	0.15	0.18	16.97	ppb
Phosphorus	31-2	3.03	14.82	-19.64	-0.60		ppb
Potassium	39-2	5.65	2.95	15.41	8.00	81.91	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	-1.03	-1.03	5.37	1.11	333.73	ppb
Selenium	78-2	-0.66	-0.15	0.37	-0.15		ppb
Selenium	82-1	0.29	0.48	0.68	0.49	40.13	ppb
Silicon	28-1	-25.61	-25.62	-32.45	-27.89		ppb
Silver	109-1	0.06	0.03	0.05	0.05	26.66	ppb
Silver	107-1	0.04	0.04	0.05	0.04	9.79	ppb
Sodium	23-2	29.13	43.15	41.90	38.06	20.38	ppb
Strontium	86-1	0.31	0.28	0.24	0.28	12.62	ppb
Strontium	88-1	0.10	0.10	0.11	0.10	6.10	ppb
Sulfur	34-1	-13123.31	-12844.77	-12676.22	-12881.43		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.10	0.12	0.10	17.79	ppb
Titanium	47-1	0.03	-0.04	-0.05	-0.02		ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	-0.01	0.02	0.00	0.01	322.50	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.76	7.45	8.36	7.86	5.87	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	114.77	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.52	12.77	18.50	15.93	18.27	ppb
Antimony	121-1	23.09	21.30	21.96	22.12	4.11	ppb
Arsenic	75-2	1.24	1.26	1.22	1.24	1.33	ppb
Barium	135-1	2.75	2.87	2.68	2.77	3.44	ppb
Barium	137-1	2.98	3.01	3.22	3.07	4.29	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	79.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				85		%
Boron	11-1	6.16	6.32	6.56	6.35	3.22	ppb
Boron	10-1	7.14	7.24	7.73	7.37	4.27	ppb
Cadmium	106-1	-1.22	-1.88	-1.17	-1.42		ppb
Cadmium	108-1	-0.06	-0.10	-0.18	-0.12		ppb
Cadmium	111-1	-0.09	-0.14	-0.10	-0.11		ppb
Calcium	43-1	566.67	583.41	556.42	568.83	2.40	ppb
Calcium	44-1	557.16	570.23	556.99	561.46	1.35	ppb
Chromium	52-2	1.39	1.22	1.37	1.32	6.99	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	31.50	ppb
Copper	63-2	4.15	4.41	4.16	4.24	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				84		%
Indium	115-1				97		%
Indium	115-2				78		%
Iron	56-2	43.78	45.58	45.25	44.87	2.13	ppb
Iron	57-2	41.56	43.97	47.36	44.30	6.57	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.17	0.12	0.16	22.84	ppb
Lead	207-1	0.14	0.13	0.13	0.13	5.62	ppb
Lead	208-1	0.16	0.16	0.13	0.15	13.39	ppb
Lithium	6-1				72		%
Magnesium	24-2	179.88	184.64	166.10	176.87	5.45	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.65	2.45	2.48	2.53	4.11	ppb
Molybdenum	94-1	0.08	0.16	0.12	0.12	36.32	ppb
Molybdenum	95-1	0.22	0.13	0.17	0.17	27.21	ppb
Molybdenum	96-1	0.18	0.19	0.14	0.17	14.89	ppb
Molybdenum	97-1	0.23	0.20	0.22	0.22	5.97	ppb
Molybdenum	98-1	0.21	0.16	0.15	0.17	17.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.47	0.65	0.60	19.06	ppb
Phosphorus	31-2	-5.58	-5.35	10.20	-0.24		ppb
Potassium	39-2	408.95	399.19	481.17	429.77	10.42	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				75		%
Selenium	77-2	6.84	10.92	-1.03	5.58	108.83	ppb
Selenium	78-2	0.60	-0.66	0.67	0.21	362.58	ppb
Selenium	82-1	0.80	0.65	0.02	0.49	84.50	ppb
Silicon	28-1	3023.08	3086.14	2948.01	3019.08	2.29	ppb
Silver	109-1	0.50	0.45	0.36	0.44	16.32	ppb
Silver	107-1	0.51	0.45	0.38	0.44	14.27	ppb
Sodium	23-2	31845.72	31790.41	31976.88	31871.00	0.30	ppb
Strontium	86-1	9.28	9.77	9.58	9.54	2.57	ppb
Strontium	88-1	9.50	9.48	9.43	9.47	0.41	ppb
Sulfur	34-1	-10772.95	-10606.22	-12109.07	-11162.75		ppb
Terbium	159-1				98		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.01	-0.01	0.00	506.55	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	250.27	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	34.93	ppb
Tin	118-1	0.90	1.02	1.05	0.99	7.79	ppb
Titanium	47-1	0.74	0.50	0.50	0.58	23.96	ppb
Uranium	238-1	-0.04	-0.03	-0.04	-0.03		ppb
Vanadium	51-2	0.25	0.18	0.27	0.23	21.63	ppb
Yttrium	89-1				88		%
Yttrium	89-2				77		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.20	11.42	10.82	10.81	5.63	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	47.15	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	51.97	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.88	11.49	15.49	13.28	15.30	ppb
Antimony	121-1	21.60	20.85	20.48	20.98	2.72	ppb
Arsenic	75-2	1.21	1.63	1.48	1.44	14.82	ppb
Barium	135-1	2.82	2.98	2.68	2.83	5.25	ppb
Barium	137-1	2.92	2.90	2.74	2.85	3.40	ppb
Beryllium	9-1	0.09	0.03	0.04	0.05	63.31	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	11-1	7.28	7.28	7.48	7.35	1.56	ppb
Boron	10-1	7.52	5.93	8.17	7.20	16.01	ppb
Cadmium	106-1	-1.92	-1.53	-2.46	-1.97		ppb
Cadmium	108-1	-0.10	-0.11	-0.11	-0.11		ppb
Cadmium	111-1	-0.15	-0.12	-0.18	-0.15		ppb
Calcium	43-1	601.19	563.72	554.38	573.10	4.32	ppb
Calcium	44-1	580.18	567.73	576.00	574.63	1.10	ppb
Chromium	52-2	1.17	1.30	1.40	1.29	8.95	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	299.77	ppb
Copper	63-2	4.47	4.82	4.94	4.74	5.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				85		%
Indium	115-1				95		%
Indium	115-2				80		%
Iron	56-2	38.51	40.15	39.55	39.41	2.11	ppb
Iron	57-2	41.12	36.76	38.64	38.84	5.63	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.07	0.09	0.09	23.80	ppb
Lead	207-1	0.11	0.10	0.06	0.09	28.79	ppb
Lead	208-1	0.12	0.10	0.10	0.11	12.19	ppb
Lithium	6-1				65		%
Magnesium	24-2	164.51	168.27	177.08	169.95	3.80	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.08	2.41	2.31	2.27	7.44	ppb
Molybdenum	94-1	0.13	0.12	0.19	0.15	24.45	ppb
Molybdenum	95-1	0.12	0.15	0.15	0.14	11.16	ppb
Molybdenum	96-1	0.14	0.18	0.16	0.16	12.56	ppb
Molybdenum	97-1	0.26	0.16	0.26	0.23	23.99	ppb
Molybdenum	98-1	0.15	0.19	0.16	0.16	12.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.51	0.71	0.55	27.59	ppb
Phosphorus	31-2	7.51	8.50	51.82	22.61	111.89	ppb
Potassium	39-2	395.88	390.01	436.50	407.46	6.21	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				81		%
Scandium	45-2				77		%
Selenium	77-2	-1.03	-1.03	2.88	0.28	818.56	ppb
Selenium	78-2	0.60	2.49	0.59	1.23	88.98	ppb
Selenium	82-1	0.38	-0.66	0.16	-0.04		ppb
Silicon	28-1	3013.24	2999.50	3040.47	3017.74	0.69	ppb
Silver	109-1	0.39	0.33	0.28	0.34	15.30	ppb
Silver	107-1	0.32	0.27	0.31	0.30	9.09	ppb
Sodium	23-2	31236.74	32035.10	32287.34	31853.06	1.72	ppb
Strontium	86-1	8.80	9.46	9.18	9.15	3.61	ppb
Strontium	88-1	9.47	9.45	9.33	9.42	0.80	ppb
Sulfur	34-1	-11604.01	-12060.81	-12298.30	-11987.71		ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	0.00	0.00	0.00	0.00	654.06	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	44.30	ppb
Tin	118-1	0.75	0.73	0.73	0.73	1.34	ppb
Titanium	47-1	0.77	0.60	0.77	0.71	13.48	ppb
Uranium	238-1	-0.04	-0.04	-0.03	-0.04		ppb
Vanadium	51-2	0.33	0.27	0.21	0.27	22.32	ppb
Yttrium	89-1				89		%
Yttrium	89-2				78		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.46	11.69	11.81	11.32	6.60	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	89.02	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	8.08	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.64	17.53	13.99	17.05	16.73	ppb
Antimony	121-1	20.74	19.58	19.57	19.96	3.36	ppb
Arsenic	75-2	22.57	22.03	23.20	22.60	2.59	ppb
Barium	135-1	6.39	6.42	5.75	6.19	6.12	ppb
Barium	137-1	6.49	6.29	6.20	6.32	2.37	ppb
Beryllium	9-1	0.07	0.10	0.09	0.08	17.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	11-1	6.13	5.96	6.33	6.14	3.02	ppb
Boron	10-1	6.98	5.86	5.15	6.00	15.38	ppb
Cadmium	106-1	-1.74	-1.77	-1.56	-1.69		ppb
Cadmium	108-1	-0.11	-0.11	-0.18	-0.13		ppb
Cadmium	111-1	-0.13	-0.14	-0.13	-0.13		ppb
Calcium	43-1	15708.21	15513.01	15686.68	15635.97	0.68	ppb
Calcium	44-1	15642.61	15530.18	15489.42	15554.07	0.51	ppb
Chromium	52-2	0.93	1.12	1.01	1.02	9.18	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	187.87	ppb
Copper	63-2	3.91	4.27	4.18	4.12	4.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				96		%
Indium	115-2				80		%
Iron	56-2	7705.47	8040.41	7982.40	7909.43	2.26	ppb
Iron	57-2	7657.77	7947.06	8042.75	7882.53	2.54	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.09	0.11	16.07	ppb
Lead	207-1	0.11	0.11	0.07	0.09	24.43	ppb
Lead	208-1	0.12	0.10	0.10	0.10	11.00	ppb
Lithium	6-1				63		%
Magnesium	24-2	5635.28	5911.17	6004.22	5850.22	3.28	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.14	111.24	114.10	111.16	2.68	ppb
Molybdenum	94-1	0.96	0.92	0.92	0.93	2.44	ppb
Molybdenum	95-1	1.31	1.14	1.16	1.21	7.81	ppb
Molybdenum	96-1	1.29	1.16	1.19	1.21	5.74	ppb
Molybdenum	97-1	1.49	1.14	1.51	1.38	15.09	ppb
Molybdenum	98-1	1.21	1.23	1.33	1.25	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.41	0.27	43.07	ppb
Phosphorus	31-2	34.55	92.91	22.93	50.13	74.82	ppb
Potassium	39-2	2043.04	2096.05	2123.67	2087.59	1.96	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				82		%
Scandium	45-2				78		%
Selenium	77-2	-1.03	-1.03	2.84	0.26	850.01	ppb
Selenium	78-2	-0.04	1.20	1.20	0.79	90.74	ppb
Selenium	82-1	-0.52	0.47	-0.02	-0.02		ppb
Silicon	28-1	4667.61	4612.19	4660.71	4646.84	0.65	ppb
Silver	109-1	0.35	0.26	0.25	0.29	19.83	ppb
Silver	107-1	0.31	0.30	0.25	0.29	9.72	ppb
Sodium	23-2	6454.77	6738.35	6796.18	6663.10	2.74	ppb
Strontium	86-1	94.87	92.83	96.49	94.73	1.93	ppb
Strontium	88-1	95.84	96.25	97.94	96.68	1.15	ppb
Sulfur	34-1	-4698.93	-5009.83	-4823.81	-4844.19		ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.01	0.01	0.00	0.01	16.34	ppb
Tin	118-1	0.65	0.59	0.60	0.61	5.39	ppb
Titanium	47-1	0.69	0.60	0.70	0.66	8.50	ppb
Uranium	238-1	0.20	0.18	0.20	0.19	6.64	ppb
Vanadium	51-2	0.13	0.06	0.19	0.13	51.34	ppb
Yttrium	89-1				89		%
Yttrium	89-2				80		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.34	15.00	15.27	14.87	3.21	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.88	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	51.98	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48929.93	44776.53	46953.64	46886.70	4.43	ppb
Antimony	121-1	467.58	470.75	466.05	468.12	0.51	ppb
Arsenic	75-2	485.37	455.56	468.09	469.67	3.19	ppb
Barium	135-1	2353.02	2361.13	2336.37	2350.17	0.54	ppb
Barium	137-1	2350.24	2336.57	2329.73	2338.85	0.45	ppb
Beryllium	9-1	500.90	498.33	491.12	496.78	1.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	485.68	502.38	491.58	493.21	1.72	ppb
Boron	10-1	486.28	496.61	492.01	491.63	1.05	ppb
Cadmium	106-1	452.36	460.11	461.10	457.86	1.05	ppb
Cadmium	108-1	458.02	456.40	451.18	455.20	0.79	ppb
Cadmium	111-1	454.48	460.33	451.67	455.49	0.97	ppb
Calcium	43-1	209989.43	212019.53	204093.57	208700.84	1.97	ppb
Calcium	44-1	206592.79	207497.89	203131.63	205740.77	1.12	ppb
Chromium	52-2	522.18	480.48	494.80	499.16	4.24	ppb
Cobalt	59-2	501.51	460.96	477.15	479.88	4.25	ppb
Copper	63-2	998.61	910.77	953.41	954.26	4.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	121151.61	111963.53	116908.44	116674.53	3.94	ppb
Iron	57-2	123923.80	115117.45	118993.20	119344.82	3.70	ppb
Krypton	83-1						cps
Lead	206-1	456.79	456.10	458.08	456.99	0.22	ppb
Lead	207-1	449.88	454.90	450.37	451.72	0.61	ppb
Lead	208-1	458.74	460.07	460.07	459.63	0.17	ppb
Lithium	6-1				88		%
Magnesium	24-2	239546.70	218071.09	226006.77	227874.85	4.77	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.90	906.87	945.62	944.13	3.87	ppb
Molybdenum	94-1	2311.25	2288.56	2302.69	2300.83	0.50	ppb
Molybdenum	95-1	2275.74	2294.49	2284.53	2284.92	0.41	ppb
Molybdenum	96-1	2281.15	2301.40	2305.57	2296.04	0.57	ppb
Molybdenum	97-1	2284.29	2339.15	2300.71	2308.05	1.22	ppb
Molybdenum	98-1	2278.13	2287.43	2303.98	2289.85	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.82	473.49	493.66	493.65	4.08	ppb
Phosphorus	31-2	9872.01	9094.64	9346.70	9437.78	4.20	ppb
Potassium	39-2	122429.61	111333.88	116436.99	116733.49	4.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	558.68	473.32	478.97	503.66	9.48	ppb
Selenium	78-2	497.61	423.10	463.80	461.50	8.08	ppb
Selenium	82-1	453.46	453.00	456.36	454.27	0.40	ppb
Silicon	28-1	481.72	499.55	495.99	492.42	1.92	ppb
Silver	109-1	463.10	460.26	455.65	459.67	0.82	ppb
Silver	107-1	450.26	459.89	450.33	453.49	1.22	ppb
Sodium	23-2	242189.97	222345.80	232279.94	232271.90	4.27	ppb
Strontium	86-1	457.25	451.72	453.08	454.02	0.63	ppb
Strontium	88-1	464.23	465.16	463.30	464.23	0.20	ppb
Sulfur	34-1	5485.87	9226.84	8099.93	7604.21	25.24	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	470.74	463.96	475.74	470.15	1.26	ppb
Thallium	205-1	476.85	467.43	471.94	472.07	1.00	ppb
Thorium	232-1	467.93	470.25	468.81	469.00	0.25	ppb
Tin	118-1	467.01	474.89	467.63	469.84	0.93	ppb
Titanium	47-1	2358.52	2347.42	2321.70	2342.54	0.81	ppb
Uranium	238-1	456.96	466.37	461.22	461.52	1.02	ppb
Vanadium	51-2	506.17	464.42	481.20	483.93	4.34	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	998.36	916.35	953.73	956.15	4.29	ppb
Zirconium	90-1	471.38	466.49	458.72	465.53	1.37	ppb
Zirconium	91-1	455.59	454.48	455.73	455.27	0.15	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:05:29	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.70	1.69	-0.67	0.11	1286.40	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	5.73	ppb
Arsenic	75-2	-0.01	0.02	0.04	0.02	129.33	ppb
Barium	135-1	-0.02	-0.03	-0.03	-0.03		ppb
Barium	137-1	-0.02	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	0.07	0.05	0.02	0.04	58.95	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	11-1	7.86	6.94	6.61	7.14	9.04	ppb
Boron	10-1	8.61	7.16	7.22	7.66	10.75	ppb
Cadmium	106-1	-0.27	-0.80	-0.06	-0.38		ppb
Cadmium	108-1	-0.11	-0.18	-0.02	-0.10		ppb
Cadmium	111-1	-0.03	-0.07	-0.03	-0.04		ppb
Calcium	43-1	1.20	3.56	9.42	4.73	89.60	ppb
Calcium	44-1	-4.96	-8.05	-11.45	-8.15		ppb
Chromium	52-2	-0.01	0.20	-0.10	0.03	473.16	ppb
Cobalt	59-2	-0.04	-0.04	-0.05	-0.04		ppb
Copper	63-2	0.40	0.53	0.49	0.47	14.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	0.66	1.39	0.51	0.85	55.36	ppb
Iron	57-2	-2.16	0.04	-0.89	-1.00		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.11	0.12	3.70	ppb
Lead	207-1	0.10	0.07	0.11	0.09	23.88	ppb
Lead	208-1	0.12	0.10	0.11	0.11	8.21	ppb
Lithium	6-1				91		%
Magnesium	24-2	2.89	4.31	3.40	3.53	20.25	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:05:29	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	0.08	0.04	81.29	ppb
Molybdenum	94-1	0.16	0.11	0.12	0.13	18.90	ppb
Molybdenum	95-1	0.21	0.16	0.16	0.18	16.70	ppb
Molybdenum	96-1	0.26	0.15	0.18	0.20	28.03	ppb
Molybdenum	97-1	0.24	0.21	0.19	0.21	12.63	ppb
Molybdenum	98-1	0.25	0.22	0.17	0.21	18.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.07	-0.07	0.01	513.13	ppb
Phosphorus	31-2	-19.64	5.49	-8.76	-7.64		ppb
Potassium	39-2	-4.04	37.26	8.79	14.00	150.94	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	-1.03	2.53	-1.03	0.16	1299.98	ppb
Selenium	78-2	1.25	1.05	-0.17	0.71	107.85	ppb
Selenium	82-1	-0.79	0.18	1.10	0.16	574.22	ppb
Silicon	28-1	-10.94	-17.04	-22.60	-16.86		ppb
Silver	109-1	0.02	0.05	0.02	0.03	46.49	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.29	ppb
Sodium	23-2	26.91	37.80	17.13	27.28	37.92	ppb
Strontium	86-1	0.19	0.14	0.19	0.17	15.01	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	80.79	ppb
Sulfur	34-1	-5685.54	-7196.68	-8553.95	-7145.39		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.08	0.05	0.07	17.52	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	1.66	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.26	ppb
Tin	118-1	0.05	0.03	0.03	0.04	27.37	ppb
Titanium	47-1	-0.07	-0.12	-0.06	-0.08		ppb
Uranium	238-1	-0.03	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	-0.02	0.00	-0.02	-0.02		ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:05:29	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.29	0.37	0.25	56.30	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	627.75	ppb

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	53	33	42	24.24	cps
Antimony	121-1	50	42	83	58	37.80	cps
Arsenic	75-2	9	9	11	10	10.81	cps
Barium	135-1	92	67	100	86	20.15	cps
Barium	137-1	50	167	92	103	57.53	cps
Beryllium	9-1	189	167	194	183	8.02	cps
Bismuth	209-1	2664878	2690819	2790032	2715243	2.43	cps
Bismuth	209-2	1178255	1185081	1202437	1188591	1.05	cps
Boron	11-1	783	642	767	731	10.60	cps
Boron	10-1	108	83	133	108	23.08	cps
Cadmium	106-1	1225	1383	1192	1267	8.08	cps
Cadmium	108-1	8	21	29	19	53.95	cps
Cadmium	111-1	898	979	851	909	7.10	cps
Calcium	43-1	525	708	658	631	15.03	cps
Calcium	44-1	35479	34293	34827	34867	1.70	cps
Chromium	52-2	1137	1143	1130	1137	0.59	cps
Cobalt	59-2	120	180	130	143	22.43	cps
Copper	63-2	970	943	957	957	1.39	cps
Dysprosium	156-1	33	8	25	22	57.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Gadolinium	160-1	67	25	50	47	44.41	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	4277184	4342327	4557747	4392419	3.34	cps
Holmium	165-2	1527003	1513539	1552061	1530868	1.28	cps
Indium	115-1	3971802	4107655	4203298	4094252	2.84	cps
Indium	115-2	307481	308508	310719	308903	0.54	cps
Iron	56-2	2417	2139	2300	2285	6.10	cps
Iron	57-2	111	78	61	83	30.56	cps
Krypton	83-1	723	737	693	718	3.09	cps
Lead	206-1	206	150	211	189	17.89	cps
Lead	207-1	133	211	206	183	23.67	cps
Lead	208-1	656	733	794	728	9.56	cps
Lithium	6-1	1096300	1125169	1149949	1123806	2.39	cps
Magnesium	24-2	208	167	300	225	30.32	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	40	57	47	18.90	cps
Molybdenum	94-1	225	242	250	239	5.33	cps
Molybdenum	95-1	125	58	92	92	36.36	cps
Molybdenum	96-1	83	150	83	106	36.46	cps
Molybdenum	97-1	58	100	117	92	32.77	cps
Molybdenum	98-1	108	58	67	78	34.44	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	113	143	117	21.57	cps
Phosphorus	31-2	33	8	0	14	124.92	cps
Potassium	39-2	6093	6027	6260	6127	1.96	cps
Rhodium	103-1	4149399	4195589	4292357	4212448	1.73	cps
Rhodium	103-2	1529167	1523218	1523651	1525345	0.22	cps
Scandium	45-1	3164958	3229958	3305874	3233597	2.18	cps
Scandium	45-2	39920	38867	39054	39280	1.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-13	-71	12	-24	-174.28	cps
Silicon	28-1	407696	407669	407517	407627	0.02	cps
Silver	109-1	108	133	108	117	12.37	cps
Silver	107-1	233	167	108	169	36.91	cps
Sodium	23-2	9595	8886	9504	9328	4.13	cps
Strontium	86-1	1208	1025	983	1072	11.16	cps
Strontium	88-1	75	75	58	69	13.85	cps
Sulfur	34-1	744028	731128	730801	735319	1.03	cps
Terbium	159-1	4574490	4596737	4779410	4650212	2.42	cps
Terbium	159-2	1558228	1554310	1552947	1555161	0.18	cps
Thallium	203-1	42	75	167	94	68.54	cps
Thallium	205-1	150	192	250	197	25.47	cps
Thorium	232-1	22	50	61	44	45.07	cps
Tin	118-1	275	258	333	289	13.63	cps
Titanium	47-1	175	183	167	175	4.76	cps
Uranium	238-1	358	500	608	489	25.64	cps
Vanadium	51-2	17	33	23	24	34.31	cps
Yttrium	89-1	4649954	4667782	4800335	4706024	1.75	cps
Yttrium	89-2	239210	238783	238654	238882	0.12	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:13:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70	57	60	62	11.15	cps
Zirconium	90-1	442	542	358	447	20.53	cps
Zirconium	91-1	67	150	25	81	79.01	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	243	288	270	8.93	cps
Antimony	121-1	12515	12290	12882	12562	2.38	cps
Arsenic	75-2	152	156	109	139	18.52	cps
Barium	135-1	12373	12507	12306	12395	0.82	cps
Barium	137-1	21786	22311	21769	21955	1.40	cps
Beryllium	9-1	1795	1561	1717	1691	7.03	cps
Bismuth	209-1	3051957	2756872	2568169	2792332	8.73	cps
Bismuth	209-2	1227073	1181584	1202276	1203644	1.89	cps
Boron	11-1	25683	25340	25807	25610	0.95	cps
Boron	10-1	5059	4826	4993	4959	2.42	cps
Cadmium	106-1	1492	1567	1467	1508	3.45	cps
Cadmium	108-1	125	129	138	131	4.87	cps
Cadmium	111-1	2428	2481	2335	2415	3.07	cps
Calcium	43-1	10363	10121	9454	9979	4.72	cps
Calcium	44-1	192686	188231	186481	189133	1.69	cps
Chromium	52-2	3460	3270	3450	3394	3.15	cps
Cobalt	59-2	2360	2374	2297	2344	1.75	cps
Copper	63-2	4874	4614	4571	4686	3.50	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	10	3	3	6	69.34	cps
Erbium	164-1	25	25	33	28	17.31	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	4681587	4522709	4224338	4476211	5.19	cps
Holmium	165-2	1597309	1527002	1569180	1564497	2.26	cps
Indium	115-1	4388022	4232950	3976531	4199168	4.95	cps
Indium	115-2	321427	305738	315248	314137	2.52	cps
Iron	56-2	42003	41629	41579	41737	0.55	cps
Iron	57-2	995	900	1028	974	6.80	cps
Krypton	83-1	717	687	667	690	3.65	cps
Lead	206-1	3278	3406	3273	3319	2.27	cps
Lead	207-1	3289	3028	2873	3063	6.88	cps
Lead	208-1	13920	13370	13453	13581	2.18	cps
Lithium	6-1	1194594	1169749	1094236	1152860	4.53	cps
Magnesium	24-2	20916	22110	22251	21759	3.37	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	423	467	363	418	12.42	cps
Molybdenum	94-1	12198	12348	11981	12175	1.52	cps
Molybdenum	95-1	14892	14700	14734	14775	0.69	cps
Molybdenum	96-1	16461	15785	15827	16024	2.36	cps
Molybdenum	97-1	9554	9337	8878	9256	3.73	cps
Molybdenum	98-1	23931	22261	23438	23210	3.70	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	700	740	717	719	2.79	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	18772	18872	18555	18733	0.87	cps
Rhodium	103-1	4426005	4310682	4033013	4256567	4.75	cps
Rhodium	103-2	1628002	1540244	1591628	1586625	2.78	cps
Scandium	45-1	3450073	3334269	3120092	3301478	5.07	cps
Scandium	45-2	40776	38934	39215	39641	2.50	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	22	15	24	20	24.06	cps
Selenium	82-1	617	568	604	596	4.26	cps
Silicon	28-1	473865	476567	470058	473496	0.69	cps
Silver	109-1	7503	7502	7586	7530	0.64	cps
Silver	107-1	7478	7352	7694	7508	2.30	cps
Sodium	23-2	58070	57266	59006	58114	1.50	cps
Strontium	86-1	3042	3042	3017	3034	0.48	cps
Strontium	88-1	16711	15426	15785	15974	4.15	cps
Sulfur	34-1	733794	731330	733112	732745	0.17	cps
Terbium	159-1	4988012	4832529	4528534	4783025	4.89	cps
Terbium	159-2	1618930	1541168	1587059	1582386	2.47	cps
Thallium	203-1	4418	3926	3968	4104	6.65	cps
Thallium	205-1	9988	9345	9329	9554	3.93	cps
Thorium	232-1	13799	11884	12379	12687	7.84	cps
Tin	118-1	21836	20633	21059	21176	2.88	cps
Titanium	47-1	4526	4934	4976	4812	5.17	cps
Uranium	238-1	13492	12031	12156	12560	6.44	cps
Vanadium	51-2	4034	3767	3624	3808	5.47	cps
Yttrium	89-1	5048542	4778652	4526011	4784402	5.46	cps
Yttrium	89-2	249732	237610	245174	244172	2.51	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:20:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	460	527	567	518	10.41	cps
Zirconium	90-1	10455	10213	10054	10240	1.97	cps
Zirconium	91-1	2309	2134	2259	2234	4.04	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10141	9893	9991	10009	1.25	cps
Antimony	121-1	319976	321209	323155	321447	0.50	cps
Arsenic	75-2	6946	7031	7013	6997	0.64	cps
Barium	135-1	312699	314041	315687	314143	0.48	cps
Barium	137-1	546532	546511	551283	548109	0.50	cps
Beryllium	9-1	80626	81965	81094	81229	0.84	cps
Bismuth	209-1	2814582	2734873	2768752	2772736	1.44	cps
Bismuth	209-2	1205427	1199164	1234564	1213051	1.56	cps
Boron	11-1	50247	51744	52505	51499	2.23	cps
Boron	10-1	9754	10621	10696	10357	5.06	cps
Cadmium	106-1	9612	10029	10146	9929	2.83	cps
Cadmium	108-1	5643	5593	5747	5661	1.39	cps
Cadmium	111-1	79873	81562	79336	80257	1.45	cps
Calcium	43-1	93964	96312	98613	96297	2.41	cps
Calcium	44-1	1629326	1628647	1619766	1625913	0.33	cps
Chromium	52-2	54436	53756	55865	54685	1.97	cps
Cobalt	59-2	107628	105418	107837	106961	1.25	cps
Copper	63-2	182366	182750	180954	182024	0.52	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-2	10	3	0	4	114.60	cps
Erbium	164-1	42	50	17	36	48.03	cps
Gadolinium	160-1	75	58	42	58	28.57	cps
Gadolinium	160-2	0	10	13	8	89.21	cps
Holmium	165-1	4613277	4516949	4546393	4558873	1.08	cps
Holmium	165-2	1541912	1557763	1584785	1561487	1.39	cps
Indium	115-1	4286979	4180820	4309402	4259067	1.61	cps
Indium	115-2	314450	310392	319862	314901	1.51	cps
Iron	56-2	1942368	1953362	1951742	1949157	0.30	cps
Iron	57-2	47582	48624	47710	47972	1.19	cps
Krypton	83-1	663	780	617	687	12.25	cps
Lead	206-1	159259	160901	156611	158924	1.36	cps
Lead	207-1	142064	145487	145240	144264	1.32	cps
Lead	208-1	648086	654673	649376	650712	0.54	cps
Lithium	6-1	1157522	1120962	1177231	1151905	2.48	cps
Magnesium	24-2	218377	217826	218739	218314	0.21	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34710	33574	34232	34172	1.67	cps
Molybdenum	94-1	588059	589752	592098	589970	0.34	cps
Molybdenum	95-1	722102	727112	712995	720736	0.99	cps
Molybdenum	96-1	806416	802514	784305	797745	1.48	cps
Molybdenum	97-1	455358	454418	442926	450901	1.54	cps
Molybdenum	98-1	1146768	1162375	1140002	1149715	1.00	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	32214	32187	32548	32317	0.62	cps
Phosphorus	31-2	867	892	958	906	5.23	cps
Potassium	39-2	69890	67596	68861	68783	1.67	cps
Rhodium	103-1	4417255	4286187	4352541	4351994	1.51	cps
Rhodium	103-2	1549728	1528629	1595808	1558055	2.20	cps
Scandium	45-1	3420816	3244308	3360215	3341780	2.68	cps
Scandium	45-2	39813	39205	39917	39645	0.97	cps
Selenium	77-2	63	60	67	63	5.27	cps
Selenium	78-2	213	219	193	208	6.56	cps
Selenium	82-1	5804	5619	5726	5716	1.62	cps
Silicon	28-1	670092	668933	672638	670554	0.28	cps
Silver	109-1	351693	357706	353341	354247	0.88	cps
Silver	107-1	373655	383759	377584	378332	1.35	cps
Sodium	23-2	502476	497777	500150	500135	0.47	cps
Strontium	86-1	91943	92781	91458	92061	0.73	cps
Strontium	88-1	798305	800960	788936	796067	0.79	cps
Sulfur	34-1	777550	775191	784509	779083	0.62	cps
Terbium	159-1	4940154	4702436	4840070	4827553	2.47	cps
Terbium	159-2	1574945	1561881	1623177	1586668	2.03	cps
Thallium	203-1	199422	202323	197230	199658	1.28	cps
Thallium	205-1	470084	474124	467357	470522	0.72	cps
Thorium	232-1	630393	641258	630192	633947	1.00	cps
Tin	118-1	211107	211670	214820	212532	0.94	cps
Titanium	47-1	229154	230162	228345	229220	0.40	cps
Uranium	238-1	592369	598006	593942	594772	0.49	cps
Vanadium	51-2	38767	39175	38837	38926	0.56	cps
Yttrium	89-1	4948509	4777433	4867623	4864522	1.76	cps
Yttrium	89-2	243784	242332	249182	245099	1.47	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:24:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20322	19945	20205	20157	0.96	cps
Zirconium	90-1	489582	499827	488266	492559	1.28	cps
Zirconium	91-1	108942	110127	107900	108990	1.02	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 12:28:24 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24625	24893	24600	24706	0.66	cps
Antimony	121-1	825294	821956	817413	821554	0.48	cps
Arsenic	75-2	17585	17724	17800	17703	0.62	cps
Barium	135-1	806239	815793	815513	812515	0.67	cps
Barium	137-1	1405821	1420431	1417530	1414594	0.55	cps
Beryllium	9-1	200741	204899	205801	203814	1.32	cps
Bismuth	209-1	2832404	2712817	2566276	2703832	4.93	cps
Bismuth	209-2	1248099	1206469	1242762	1232443	1.84	cps
Boron	11-1	122476	126042	128395	125638	2.37	cps
Boron	10-1	24747	25440	25281	25156	1.44	cps
Cadmium	106-1	22854	22904	22186	22648	1.77	cps
Cadmium	108-1	14963	14562	14842	14789	1.39	cps
Cadmium	111-1	199239	202386	202807	201477	0.97	cps
Calcium	43-1	240539	242484	243342	242122	0.59	cps
Calcium	44-1	3965635	3961032	4020190	3982286	0.83	cps
Chromium	52-2	134839	136790	136027	135885	0.72	cps
Cobalt	59-2	265197	268874	267929	267334	0.71	cps
Copper	63-2	450782	455091	455427	453767	0.57	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-2	3	7	3	4	43.40	cps
Erbium	164-1	8	25	25	19	49.50	cps
Gadolinium	160-1	42	33	92	56	56.79	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	4665355	4494581	4177766	4445901	5.56	cps
Holmium	165-2	1642438	1551827	1608413	1600893	2.86	cps
Indium	115-1	4282711	4117901	3880260	4093624	4.94	cps
Indium	115-2	319445	309772	316750	315323	1.58	cps
Iron	56-2	4750112	4762667	4769922	4760900	0.21	cps
Iron	57-2	118797	119818	119166	119261	0.43	cps
Krypton	83-1	723	710	733	722	1.62	cps
Lead	206-1	406909	411529	412056	410165	0.69	cps
Lead	207-1	370353	370949	372503	371268	0.30	cps
Lead	208-1	1663651	1682047	1682309	1676002	0.64	cps
Lithium	6-1	1158291	1106967	1038726	1101328	5.45	cps
Magnesium	24-2	542440	545753	543132	543775	0.32	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	84072	86362	84473	84969	1.44	cps
Molybdenum	94-1	1507008	1524743	1526520	1519423	0.71	cps
Molybdenum	95-1	1885027	1868747	1898995	1884256	0.80	cps
Molybdenum	96-1	2083298	2059419	2068765	2070494	0.58	cps
Molybdenum	97-1	1159130	1168019	1168657	1165269	0.46	cps
Molybdenum	98-1	2978045	2935563	2982665	2965425	0.88	cps
Neodymium	150-1	33	67	47	49	34.32	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	79039	81564	80337	80313	1.57	cps
Phosphorus	31-2	2234	2142	1992	2122	5.75	cps
Potassium	39-2	162645	161575	163126	162449	0.49	cps
Rhodium	103-1	4355780	4106813	3859171	4107255	6.05	cps
Rhodium	103-2	1588528	1523911	1540003	1550814	2.17	cps
Scandium	45-1	3306091	3170075	2999257	3158474	4.87	cps
Scandium	45-2	40910	39208	39907	40008	2.14	cps
Selenium	77-2	117	183	127	142	25.28	cps
Selenium	78-2	502	487	519	502	3.13	cps
Selenium	82-1	14172	14267	13975	14138	1.06	cps
Silicon	28-1	956555	975809	976477	969614	1.17	cps
Silver	109-1	891440	901902	912073	901805	1.14	cps
Silver	107-1	953664	951155	949362	951394	0.23	cps
Sodium	23-2	1221641	1246065	1229725	1232477	1.01	cps
Strontium	86-1	236053	232887	240399	236446	1.60	cps
Strontium	88-1	2021182	2015528	2064781	2033830	1.33	cps
Sulfur	34-1	814519	819659	817563	817247	0.32	cps
Terbium	159-1	4912804	4782591	4416903	4704099	5.47	cps
Terbium	159-2	1635040	1596572	1639794	1623802	1.46	cps
Thallium	203-1	515776	510481	515095	513784	0.56	cps
Thallium	205-1	1222666	1213616	1238319	1224867	1.02	cps
Thorium	232-1	1620338	1651234	1665124	1645565	1.39	cps
Tin	118-1	537106	548481	542985	542857	1.05	cps
Titanium	47-1	579898	584915	582371	582395	0.43	cps
Uranium	238-1	1547422	1537829	1552026	1545759	0.47	cps
Vanadium	51-2	96925	97188	97348	97154	0.22	cps
Yttrium	89-1	4860927	4691540	4453829	4668765	4.38	cps
Yttrium	89-2	249881	241651	245652	245728	1.67	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:28:24	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50334	50927	50722	50661	0.59	cps
Zirconium	90-1	1251500	1261870	1280210	1264527	1.15	cps
Zirconium	91-1	279773	282451	284757	282327	0.88	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48981	48730	48738	48816	0.29	cps
Antimony	121-1	1641574	1703233	1663818	1669541	1.87	cps
Arsenic	75-2	35410	35148	35757	35439	0.86	cps
Barium	135-1	1628173	1658544	1658168	1648295	1.06	cps
Barium	137-1	2859827	2861889	2876274	2865997	0.31	cps
Beryllium	9-1	403722	399088	401270	401360	0.58	cps
Bismuth	209-1	2891356	2883292	2846396	2873681	0.83	cps
Bismuth	209-2	1240977	1246119	1239867	1242321	0.27	cps
Boron	11-1	241145	249656	250688	247163	2.12	cps
Boron	10-1	50448	50490	50566	50501	0.12	cps
Cadmium	106-1	44549	43312	44466	44109	1.57	cps
Cadmium	108-1	28643	29278	29754	29225	1.91	cps
Cadmium	111-1	402852	401007	405432	403097	0.55	cps
Calcium	43-1	480022	489026	487369	485472	0.99	cps
Calcium	44-1	7812475	7905203	7783174	7833618	0.81	cps
Chromium	52-2	270686	270160	269007	269951	0.32	cps
Cobalt	59-2	529203	532159	531565	530976	0.29	cps
Copper	63-2	903075	899940	900237	901084	0.19	cps
Dysprosium	156-1	58	58	17	44	54.12	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Gadolinium	160-1	58	58	17	44	54.12	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	4783609	4781177	4760533	4775106	0.27	cps
Holmium	165-2	1627588	1653778	1635363	1638910	0.82	cps
Indium	115-1	4346357	4341448	4307645	4331817	0.49	cps
Indium	115-2	313308	315665	313758	314244	0.40	cps
Iron	56-2	9456408	9458431	9443300	9452713	0.09	cps
Iron	57-2	237834	240248	240140	239407	0.57	cps
Krypton	83-1	783	627	683	698	11.37	cps
Lead	206-1	826318	825529	807321	819723	1.31	cps
Lead	207-1	752777	750509	738334	747207	1.04	cps
Lead	208-1	3418734	3402182	3361767	3394228	0.86	cps
Lithium	6-1	1139818	1151593	1139653	1143688	0.60	cps
Magnesium	24-2	1076790	1085476	1082344	1081537	0.41	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168152	169673	167271	168365	0.72	cps
Molybdenum	94-1	3060499	3038008	3037687	3045398	0.43	cps
Molybdenum	95-1	3801883	3774563	3761590	3779345	0.54	cps
Molybdenum	96-1	4156031	4166460	4137064	4153185	0.36	cps
Molybdenum	97-1	2345901	2325524	2315851	2329092	0.66	cps
Molybdenum	98-1	5994302	5972359	5843420	5936693	1.37	cps
Neodymium	150-1	87	87	107	93	12.37	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	158985	159488	158014	158829	0.47	cps
Phosphorus	31-2	4051	4017	4251	4106	3.07	cps
Potassium	39-2	320324	318783	315743	318283	0.73	cps
Rhodium	103-1	4322420	4401910	4288206	4337512	1.34	cps
Rhodium	103-2	1540955	1557807	1573366	1557376	1.04	cps
Scandium	45-1	3364955	3343597	3333037	3347196	0.49	cps
Scandium	45-2	40602	40191	40315	40369	0.52	cps
Selenium	77-2	243	340	293	292	16.54	cps
Selenium	78-2	1028	1032	1070	1043	2.26	cps
Selenium	82-1	28584	29161	28506	28750	1.25	cps
Silicon	28-1	1523550	1551554	1558694	1544599	1.20	cps
Silver	109-1	1801051	1810742	1853049	1821614	1.52	cps
Silver	107-1	1953658	1950307	1937010	1946992	0.45	cps
Sodium	23-2	2416118	2428903	2432279	2425767	0.35	cps
Strontium	86-1	472431	476497	475899	474943	0.46	cps
Strontium	88-1	4064095	4080329	4069266	4071230	0.20	cps
Sulfur	34-1	877741	871522	875561	874941	0.36	cps
Terbium	159-1	5024446	5111156	5020068	5051890	1.02	cps
Terbium	159-2	1652006	1672184	1647252	1657147	0.80	cps
Thallium	203-1	1033946	1040770	1032087	1035601	0.44	cps
Thallium	205-1	2475901	2494751	2489456	2486703	0.39	cps
Thorium	232-1	3404463	3373547	3433179	3403730	0.88	cps
Tin	118-1	1097641	1107519	1104485	1103215	0.46	cps
Titanium	47-1	1168970	1160313	1169818	1166367	0.45	cps
Uranium	238-1	3176178	3172820	3183048	3177349	0.16	cps
Vanadium	51-2	194834	195831	193713	194793	0.54	cps
Yttrium	89-1	5002373	4944102	5014475	4986983	0.75	cps
Yttrium	89-2	244882	247538	245879	246100	0.55	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:32:04	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	100467	99893	100625	100329	0.38	cps
Zirconium	90-1	2555846	2556030	2573302	2561726	0.39	cps
Zirconium	91-1	557704	568219	570379	565434	1.20	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94770	95007	95234	95004	0.24	cps
Antimony	121-1	3333988	3363868	3355561	3351139	0.46	cps
Arsenic	75-2	70155	69935	70475	70188	0.39	cps
Barium	135-1	3329364	3322309	3302194	3317956	0.42	cps
Barium	137-1	5673458	5732667	5674329	5693485	0.60	cps
Beryllium	9-1	789072	793344	790711	791042	0.27	cps
Bismuth	209-1	2924051	2942302	2882503	2916285	1.05	cps
Bismuth	209-2	1257418	1256363	1281000	1264927	1.10	cps
Boron	11-1	480990	493369	493335	489231	1.46	cps
Boron	10-1	99233	99478	101801	100171	1.41	cps
Cadmium	106-1	87408	86201	87442	87017	0.81	cps
Cadmium	108-1	59728	59715	59142	59528	0.56	cps
Cadmium	111-1	812329	816764	813314	814136	0.29	cps
Calcium	43-1	963936	973224	967110	968090	0.49	cps
Calcium	44-1	15618501	15592143	15461277	15557307	0.54	cps
Chromium	52-2	538458	533142	535884	535828	0.50	cps
Cobalt	59-2	1050634	1039969	1049575	1046726	0.56	cps
Copper	63-2	1800554	1755996	1793552	1783368	1.34	cps
Dysprosium	156-1	33	17	83	44	78.07	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-2	10	3	3	6	69.34	cps
Erbium	164-1	17	8	0	8	100.02	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	4897131	4878820	4854805	4876919	0.44	cps
Holmium	165-2	1673341	1632981	1670184	1658835	1.35	cps
Indium	115-1	4342244	4364770	4360625	4355880	0.28	cps
Indium	115-2	318596	311984	314628	315069	1.06	cps
Iron	56-2	18772001	18759850	18857511	18796454	0.28	cps
Iron	57-2	472982	475455	471029	473155	0.47	cps
Krypton	83-1	657	657	633	649	2.08	cps
Lead	206-1	1673832	1716703	1681772	1690769	1.35	cps
Lead	207-1	1531997	1526985	1510211	1523064	0.75	cps
Lead	208-1	7005027	6984085	6882274	6957129	0.94	cps
Lithium	6-1	1134487	1126217	1143896	1134867	0.78	cps
Magnesium	24-2	2131486	2135893	2168585	2145321	0.94	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	334595	330685	332089	332456	0.60	cps
Molybdenum	94-1	6177506	6081182	6079827	6112838	0.92	cps
Molybdenum	95-1	7625394	7473174	7558552	7552374	1.01	cps
Molybdenum	96-1	8372716	8312716	8306136	8330523	0.44	cps
Molybdenum	97-1	4732234	4677408	4665679	4691773	0.76	cps
Molybdenum	98-1	12145021	12010457	11894231	12016569	1.04	cps
Neodymium	150-1	120	160	187	156	21.57	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	313161	312408	313917	313162	0.24	cps
Phosphorus	31-2	8019	8053	8153	8075	0.86	cps
Potassium	39-2	620185	617042	618186	618471	0.26	cps
Rhodium	103-1	4424259	4318780	4352036	4365025	1.24	cps
Rhodium	103-2	1579539	1544267	1561643	1561816	1.13	cps
Scandium	45-1	3370167	3406055	3362465	3379562	0.69	cps
Scandium	45-2	40682	40976	39549	40402	1.87	cps
Selenium	77-2	583	610	453	549	15.27	cps
Selenium	78-2	1843	1932	1954	1909	3.08	cps
Selenium	82-1	57973	58037	58190	58067	0.19	cps
Silicon	28-1	2592634	2642985	2671514	2635711	1.52	cps
Silver	109-1	3678431	3652733	3628821	3653328	0.68	cps
Silver	107-1	3859755	3883105	3840115	3860992	0.56	cps
Sodium	23-2	4676192	4683724	4695495	4685137	0.21	cps
Strontium	86-1	963695	946261	960951	956969	0.98	cps
Strontium	88-1	8231505	8049607	8061943	8114351	1.25	cps
Sulfur	34-1	945164	930240	928180	934528	0.99	cps
Terbium	159-1	5203459	5131600	5105782	5146947	0.98	cps
Terbium	159-2	1662862	1659109	1691790	1671254	1.07	cps
Thallium	203-1	2140760	2137125	2118380	2132088	0.56	cps
Thallium	205-1	5034288	5034196	4993868	5020784	0.46	cps
Thorium	232-1	6855316	6907194	6828956	6863822	0.58	cps
Tin	118-1	2233879	2244882	2206532	2228431	0.89	cps
Titanium	47-1	2398110	2382338	2355155	2378535	0.91	cps
Uranium	238-1	6405697	6425308	6364651	6398552	0.48	cps
Vanadium	51-2	386649	387694	385550	386631	0.28	cps
Yttrium	89-1	5067350	4966287	4963689	4999108	1.18	cps
Yttrium	89-2	248247	244053	249231	247177	1.11	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:35:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197549	196754	198245	197516	0.38	cps
Zirconium	90-1	5177162	5147454	5074722	5133113	1.03	cps
Zirconium	91-1	1146171	1133293	1132846	1137437	0.67	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188278	186648	187602	187509	0.44	cps
Antimony	121-1	6668400	6638456	6668897	6658584	0.26	cps
Arsenic	75-2	139752	139604	139750	139702	0.06	cps
Barium	135-1	6556795	6640006	6595802	6597534	0.63	cps
Barium	137-1	11435011	11513305	11488266	11478861	0.35	cps
Beryllium	9-1	1559352	1541170	1538859	1546460	0.73	cps
Bismuth	209-1	3085639	2927068	2950737	2987815	2.86	cps
Bismuth	209-2	1285928	1277226	1265061	1276072	0.82	cps
Boron	11-1	945221	979685	978848	967918	2.03	cps
Boron	10-1	191522	194821	196021	194122	1.20	cps
Cadmium	106-1	172964	172763	172493	172740	0.14	cps
Cadmium	108-1	118171	118272	118092	118178	0.08	cps
Cadmium	111-1	1598378	1659839	1628236	1628818	1.89	cps
Calcium	43-1	1942106	1927579	1914837	1928174	0.71	cps
Calcium	44-1	31088898	31002750	31019730	31037126	0.15	cps
Chromium	52-2	1051188	1046436	1050225	1049283	0.24	cps
Cobalt	59-2	2098471	2076270	2086660	2087133	0.53	cps
Copper	63-2	3498501	3463972	3506375	3489616	0.65	cps
Dysprosium	156-1	75	67	58	67	12.49	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-2	13	0	3	6	124.93	cps
Erbium	164-1	42	58	33	44	28.64	cps
Gadolinium	160-1	58	50	100	69	38.58	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	5138913	5001995	4964335	5035081	1.82	cps
Holmium	165-2	1684973	1698793	1685894	1689886	0.46	cps
Indium	115-1	4442458	4337164	4357678	4379100	1.27	cps
Indium	115-2	311692	308716	306936	309115	0.78	cps
Iron	56-2	36837204	37082559	37248336	37056033	0.56	cps
Iron	57-2	934823	938670	944854	939449	0.54	cps
Krypton	83-1	783	727	693	734	6.20	cps
Lead	206-1	3448554	3403252	3416704	3422837	0.68	cps
Lead	207-1	3171600	3116366	3134674	3140880	0.90	cps
Lead	208-1	14027344	13902787	13961582	13963904	0.45	cps
Lithium	6-1	1142536	1112789	1117201	1124175	1.43	cps
Magnesium	24-2	4122466	4161079	4126583	4136709	0.51	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	654166	653027	656310	654501	0.25	cps
Molybdenum	94-1	12277377	12378925	12300978	12319093	0.43	cps
Molybdenum	95-1	15106788	15223884	15097333	15142668	0.47	cps
Molybdenum	96-1	16743848	16777400	16752645	16757964	0.10	cps
Molybdenum	97-1	9288014	9397716	9361703	9349144	0.60	cps
Molybdenum	98-1	24054703	24082600	24244184	24127162	0.42	cps
Neodymium	150-1	280	400	347	342	17.57	cps
Neodymium	150-2	7	3	20	10	88.20	cps
Nickel	60-2	614232	611271	615726	613743	0.37	cps
Phosphorus	31-2	16335	15968	15885	16063	1.49	cps
Potassium	39-2	1207142	1210002	1210859	1209334	0.16	cps
Rhodium	103-1	4447881	4326584	4355654	4376707	1.45	cps
Rhodium	103-2	1560927	1552057	1536540	1549841	0.80	cps
Scandium	45-1	3507261	3395051	3330992	3411101	2.62	cps
Scandium	45-2	41444	41491	40756	41231	1.00	cps
Selenium	77-2	1163	1117	1097	1126	3.04	cps
Selenium	78-2	3839	3978	3860	3893	1.93	cps
Selenium	82-1	115737	116551	115553	115947	0.46	cps
Silicon	28-1	4394676	4442481	4482258	4439805	0.99	cps
Silver	109-1	7184316	7328656	7205260	7239410	1.08	cps
Silver	107-1	7624328	7686641	7666355	7659108	0.41	cps
Sodium	23-2	9128151	9167983	9273264	9189800	0.82	cps
Strontium	86-1	1917642	1961606	1934907	1938052	1.14	cps
Strontium	88-1	16262855	16416203	16312457	16330505	0.48	cps
Sulfur	34-1	1126000	1139279	1113697	1126325	1.14	cps
Terbium	159-1	5451015	5256593	5186277	5297962	2.59	cps
Terbium	159-2	1716495	1683180	1692805	1697494	1.01	cps
Thallium	203-1	4257291	4288454	4247337	4264361	0.50	cps
Thallium	205-1	9979683	10082417	10031131	10031077	0.51	cps
Thorium	232-1	13909075	14068377	13957463	13978305	0.58	cps
Tin	118-1	4454188	4425436	4490788	4456804	0.73	cps
Titanium	47-1	4631473	4660675	4638060	4643402	0.33	cps
Uranium	238-1	12832116	13110029	12913140	12951761	1.10	cps
Vanadium	51-2	764798	763500	761713	763337	0.20	cps
Yttrium	89-1	5179575	5094281	5064531	5112796	1.17	cps
Yttrium	89-2	249755	246427	246411	247531	0.78	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:39:07	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	385493	385149	389591	386744	0.64	cps
Zirconium	90-1	10197951	10300372	10308709	10269011	0.60	cps
Zirconium	91-1	2320955	2367442	2317533	2335310	1.19	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	997478	997378	1004864	999907	0.43	cps
Antimony	121-1	11330	11088	11530	11316	1.96	cps
Arsenic	75-2	272	269	265	269	1.38	cps
Barium	135-1	1692	1900	1650	1747	7.67	cps
Barium	137-1	2900	3151	2917	2989	4.68	cps
Beryllium	9-1	367	433	450	417	10.58	cps
Bismuth	209-1	2783789	2666767	2777721	2742759	2.40	cps
Bismuth	209-2	1264377	1243413	1234219	1247336	1.24	cps
Boron	11-1	16051	14274	13832	14719	7.98	cps
Boron	10-1	3034	2859	2984	2959	3.05	cps
Cadmium	106-1	1483	1625	1609	1572	4.93	cps
Cadmium	108-1	38	38	38	38	0.00	cps
Cadmium	111-1	1308	1407	1437	1384	4.88	cps
Calcium	43-1	9869537	9925995	9901034	9898855	0.29	cps
Calcium	44-1	161616837	162603891	162081495	162100741	0.30	cps
Chromium	52-2	49564	49511	50638	49904	1.27	cps
Cobalt	59-2	26399	26509	26031	26313	0.95	cps
Copper	63-2	9287	9473	9530	9430	1.35	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-2	0	20	17	12	87.67	cps
Erbium	164-1	42	8	33	28	62.46	cps
Gadolinium	160-1	108	92	158	119	29.05	cps
Gadolinium	160-2	27	30	7	21	59.77	cps
Holmium	165-1	4836140	4566241	4843106	4748496	3.32	cps
Holmium	165-2	1739871	1707254	1704007	1717044	1.16	cps
Indium	115-1	4254529	4055229	4290846	4200201	3.02	cps
Indium	115-2	327350	324674	320135	324053	1.13	cps
Iron	56-2	185191532	186261215	186729399	186060715	0.42	cps
Iron	57-2	4623267	4626693	4634702	4628221	0.13	cps
Krypton	83-1	670	677	677	674	0.57	cps
Lead	206-1	6263	5663	5035	5653	10.87	cps
Lead	207-1	5385	5018	4557	4986	8.32	cps
Lead	208-1	23743	22102	21091	22312	6.00	cps
Lithium	6-1	1081515	1052324	1103051	1078964	2.36	cps
Magnesium	24-2	20492623	20536183	20568472	20532426	0.19	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4614	4341	4534	4496	3.13	cps
Molybdenum	94-1	15393	15034	16010	15479	3.19	cps
Molybdenum	95-1	22945	23981	23413	23446	2.21	cps
Molybdenum	96-1	25926	26452	26886	26421	1.82	cps
Molybdenum	97-1	14675	14467	14200	14447	1.65	cps
Molybdenum	98-1	37461	36985	35990	36812	2.04	cps
Neodymium	150-1	87	53	67	69	24.35	cps
Neodymium	150-2	23	30	27	27	12.51	cps
Nickel	60-2	24068	23824	23851	23914	0.56	cps
Phosphorus	31-2	0	25	33	19	89.21	cps
Potassium	39-2	6094253	6089235	6146008	6109832	0.51	cps
Rhodium	103-1	4188460	3961821	4193087	4114456	3.21	cps
Rhodium	103-2	1544451	1543406	1500157	1529338	1.65	cps
Scandium	45-1	3270681	3161706	3338471	3256953	2.74	cps
Scandium	45-2	40930	40879	39519	40443	1.98	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	13	4	6	96.48	cps
Selenium	82-1	179	126	168	158	17.88	cps
Silicon	28-1	696236	711552	713821	707203	1.35	cps
Silver	109-1	3451	3867	5676	4331	27.32	cps
Silver	107-1	3576	4201	6310	4696	30.51	cps
Sodium	23-2	44963616	44960376	45251919	45058637	0.37	cps
Strontium	86-1	10296	10680	10763	10580	2.35	cps
Strontium	88-1	80580	79868	80018	80155	0.47	cps
Sulfur	34-1	622822	625363	626356	624847	0.29	cps
Terbium	159-1	5120645	4859386	5171513	5050515	3.32	cps
Terbium	159-2	1759232	1750120	1701690	1737014	1.78	cps
Thallium	203-1	1567	1434	1567	1522	5.06	cps
Thallium	205-1	3659	3617	3851	3709	3.36	cps
Thorium	232-1	1183	1272	1261	1239	3.91	cps
Tin	118-1	5752	5977	5968	5899	2.16	cps
Titanium	47-1	1450	1492	1225	1389	10.33	cps
Uranium	238-1	2309	2517	2334	2386	4.77	cps
Vanadium	51-2	370	367	323	353	7.37	cps
Yttrium	89-1	5030894	4748352	5038029	4939092	3.35	cps
Yttrium	89-2	257025	257482	252346	255618	1.11	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 12:42:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3330	3177	3280	3263	2.40	cps
Zirconium	90-1	5426	5243	4959	5210	4.51	cps
Zirconium	91-1	1167	1208	1100	1158	4.72	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5150	5317	5310	5259	1.80	cps
Antimony	121-1	1265816	1280161	1286536	1277504	0.83	cps
Arsenic	75-2	29225	29006	28778	29003	0.77	cps
Barium	135-1	128182	128452	126929	127854	0.64	cps
Barium	137-1	225679	223943	223514	224378	0.51	cps
Beryllium	9-1	151590	153105	152992	152562	0.55	cps
Bismuth	209-1	2909745	2741301	2771769	2807605	3.20	cps
Bismuth	209-2	1265135	1279258	1190934	1245109	3.81	cps
Boron	11-1	528953	527272	528597	528274	0.17	cps
Boron	10-1	105636	105981	107333	106317	0.84	cps
Cadmium	106-1	28556	27913	28164	28211	1.15	cps
Cadmium	108-1	15029	15296	15205	15177	0.89	cps
Cadmium	111-1	164022	163936	164899	164286	0.32	cps
Calcium	43-1	43978	44313	44020	44104	0.41	cps
Calcium	44-1	698131	712654	706937	705907	1.04	cps
Chromium	52-2	107817	110734	109571	109374	1.34	cps
Cobalt	59-2	221143	220692	220233	220689	0.21	cps
Copper	63-2	187925	187517	188240	187894	0.19	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-2	17	13	10	13	25.01	cps
Erbium	164-1	67	42	42	50	28.87	cps
Gadolinium	160-1	58	75	33	56	37.75	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	4771126	4561475	4595995	4642865	2.42	cps
Holmium	165-2	1664663	1686230	1545833	1632242	4.63	cps
Indium	115-1	4516081	4278726	4303818	4366209	2.99	cps
Indium	115-2	335378	335575	311837	327597	4.17	cps
Iron	56-2	797218	790079	803684	796994	0.85	cps
Iron	57-2	19859	20115	19815	19930	0.81	cps
Krypton	83-1	753	650	763	722	8.69	cps
Lead	206-1	638114	650185	646725	645008	0.96	cps
Lead	207-1	559122	567267	566349	564246	0.79	cps
Lead	208-1	2562900	2609359	2597780	2590013	0.93	cps
Lithium	6-1	1143318	1111801	1121381	1125500	1.44	cps
Magnesium	24-2	53610	53527	52908	53348	0.72	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34793	34098	34272	34388	1.05	cps
Molybdenum	94-1	2617992	2665282	2677765	2653680	1.19	cps
Molybdenum	95-1	1497050	1504344	1521308	1507567	0.83	cps
Molybdenum	96-1	1937374	1927245	1941730	1935450	0.38	cps
Molybdenum	97-1	920505	926586	924063	923718	0.33	cps
Molybdenum	98-1	2417268	2407203	2404365	2409612	0.28	cps
Neodymium	150-1	33	47	27	36	28.64	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	66699	65584	66675	66319	0.96	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	58908	58381	59828	59039	1.24	cps
Rhodium	103-1	4653096	4410092	4413573	4492254	3.10	cps
Rhodium	103-2	1661428	1663619	1528168	1617738	4.80	cps
Scandium	45-1	3515621	3361687	3407356	3428221	2.31	cps
Scandium	45-2	43143	43344	40926	42471	3.16	cps
Selenium	77-2	320	253	310	294	12.21	cps
Selenium	78-2	848	837	809	832	2.41	cps
Selenium	82-1	22894	23199	22832	22975	0.85	cps
Silicon	28-1	2356718	2341472	2341382	2346524	0.38	cps
Silver	109-1	705958	701714	711402	706358	0.69	cps
Silver	107-1	758437	750651	759678	756255	0.65	cps
Sodium	23-2	208704	209680	209703	209362	0.27	cps
Strontium	86-1	936537	933053	934110	934567	0.19	cps
Strontium	88-1	7962115	7981696	7943967	7962593	0.24	cps
Sulfur	34-1	667350	659339	664355	663681	0.61	cps
Terbium	159-1	5053426	4821289	4757584	4877433	3.19	cps
Terbium	159-2	1711281	1709485	1571427	1664064	4.82	cps
Thallium	203-1	810797	822970	818484	817417	0.75	cps
Thallium	205-1	1957662	2015660	1984912	1986078	1.46	cps
Thorium	232-1	845	794	845	828	3.49	cps
Tin	118-1	2195461	2202811	2203013	2200428	0.20	cps
Titanium	47-1	473736	477611	482994	478113	0.97	cps
Uranium	238-1	6216211	6098800	6213577	6176196	1.09	cps
Vanadium	51-2	79041	79830	79357	79409	0.50	cps
Yttrium	89-1	5208226	4973392	4956973	5046197	2.79	cps
Yttrium	89-2	265557	263880	245331	258256	4.35	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:00:43	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	41699	42104	42338	42047	0.77	cps
Zirconium	90-1	4948288	4960986	4967668	4958980	0.20	cps
Zirconium	91-1	1078465	1108040	1101391	1095965	1.42	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	268	180	237	20.76	cps
Antimony	121-1	12298	13591	12582	12823	5.30	cps
Arsenic	75-2	148	139	148	145	3.69	cps
Barium	135-1	12665	12623	12273	12520	1.72	cps
Barium	137-1	21527	21485	22211	21741	1.88	cps
Beryllium	9-1	1895	2156	1867	1972	8.08	cps
Bismuth	209-1	2917566	2926070	2712364	2852000	4.24	cps
Bismuth	209-2	1238421	1231089	1201885	1223798	1.58	cps
Boron	11-1	25874	26659	26776	26436	1.85	cps
Boron	10-1	5143	5568	5435	5382	4.04	cps
Cadmium	106-1	1433	1533	1283	1417	8.88	cps
Cadmium	108-1	117	117	150	128	15.06	cps
Cadmium	111-1	2559	2538	2552	2550	0.43	cps
Calcium	43-1	10771	9979	10396	10382	3.82	cps
Calcium	44-1	191550	193482	190633	191888	0.76	cps
Chromium	52-2	3541	3461	3447	3483	1.45	cps
Cobalt	59-2	2474	2370	2407	2417	2.17	cps
Copper	63-2	6038	6295	6008	6114	2.58	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	10	7	17	11	45.82	cps
Erbium	164-1	25	50	42	39	32.73	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	4853799	4844842	4497721	4732121	4.29	cps
Holmium	165-2	1643172	1603809	1602538	1616506	1.43	cps
Indium	115-1	4536464	4632490	4299529	4489494	3.82	cps
Indium	115-2	330995	329454	324692	328380	1.00	cps
Iron	56-2	43273	44349	44198	43940	1.33	cps
Iron	57-2	1033	983	1189	1069	10.03	cps
Krypton	83-1	797	937	870	868	8.07	cps
Lead	206-1	3445	3162	3201	3269	4.70	cps
Lead	207-1	3095	3017	3245	3119	3.71	cps
Lead	208-1	13559	13642	13498	13566	0.54	cps
Lithium	6-1	1197459	1242187	1148167	1195938	3.93	cps
Magnesium	24-2	23078	22469	23203	22917	1.71	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	417	480	370	422	13.08	cps
Molybdenum	94-1	12548	12423	12314	12428	0.94	cps
Molybdenum	95-1	15701	15410	14508	15207	4.09	cps
Molybdenum	96-1	17454	16995	16861	17103	1.82	cps
Molybdenum	97-1	9337	9979	9145	9487	4.60	cps
Molybdenum	98-1	23162	23847	23789	23599	1.61	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	867	800	743	803	7.68	cps
Phosphorus	31-2	33	17	17	22	43.30	cps
Potassium	39-2	20315	20449	20774	20513	1.15	cps
Rhodium	103-1	4639381	4716064	4388826	4581424	3.74	cps
Rhodium	103-2	1617570	1616255	1596633	1610153	0.73	cps
Scandium	45-1	3601330	3687680	3375780	3554930	4.53	cps
Scandium	45-2	41842	40973	41347	41388	1.05	cps
Selenium	77-2	0	0	23	8	173.21	cps
Selenium	78-2	17	31	28	25	30.45	cps
Selenium	82-1	633	481	630	581	14.99	cps
Silicon	28-1	513804	509535	511678	511672	0.42	cps
Silver	109-1	7919	7594	7102	7539	5.46	cps
Silver	107-1	8044	7736	7761	7847	2.18	cps
Sodium	23-2	61718	60496	60764	60993	1.05	cps
Strontium	86-1	3392	3434	3284	3370	2.30	cps
Strontium	88-1	16411	16219	16552	16394	1.02	cps
Sulfur	34-1	682883	687957	680092	683644	0.58	cps
Terbium	159-1	5069656	5179710	4795045	5014804	3.95	cps
Terbium	159-2	1646345	1642539	1634146	1641010	0.38	cps
Thallium	203-1	4118	4076	3967	4054	1.91	cps
Thallium	205-1	9454	9337	9704	9498	1.97	cps
Thorium	232-1	12123	12557	12279	12319	1.78	cps
Tin	118-1	22061	21552	21886	21833	1.18	cps
Titanium	47-1	4968	4793	5218	4993	4.28	cps
Uranium	238-1	12073	12415	11848	12112	2.36	cps
Vanadium	51-2	4294	3937	4137	4123	4.34	cps
Yttrium	89-1	5224675	5275261	4990671	5163535	2.94	cps
Yttrium	89-2	257070	255960	251462	254831	1.17	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:15:42	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	600	583	563	582	3.15	cps
Zirconium	90-1	11088	11238	10738	11022	2.33	cps
Zirconium	91-1	2325	2250	2550	2375	6.57	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:20:05 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	38	33	37	10.41	cps
Antimony	121-1	142	258	83	161	55.31	cps
Arsenic	75-2	15	7	2	8	81.04	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	67	83	75	75	11.11	cps
Beryllium	9-1	278	283	228	263	11.63	cps
Bismuth	209-1	2729849	2820233	2844737	2798273	2.16	cps
Bismuth	209-2	1221418	1195519	1117476	1178138	4.59	cps
Boron	11-1	2134	2142	1917	2064	6.18	cps
Boron	10-1	575	392	467	478	19.29	cps
Cadmium	106-1	1250	1433	1200	1295	9.49	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Cadmium	111-1	872	1027	851	916	10.48	cps
Calcium	43-1	642	642	742	675	8.55	cps
Calcium	44-1	35889	35530	35813	35744	0.53	cps
Chromium	52-2	1120	1190	1130	1147	3.30	cps
Cobalt	59-2	130	113	107	117	10.30	cps
Copper	63-2	2087	2234	2244	2188	4.01	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	3	7	0	3	100.05	cps
Erbium	164-1	33	25	17	25	33.34	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	4502542	4536995	4601380	4546972	1.10	cps
Holmium	165-2	1613806	1553905	1452683	1540131	5.29	cps
Indium	115-1	4356787	4404840	4448342	4403323	1.04	cps
Indium	115-2	330192	323459	295932	316528	5.73	cps
Iron	56-2	2600	2450	2317	2456	5.77	cps
Iron	57-2	78	61	122	87	36.30	cps
Krypton	83-1	917	790	757	821	10.28	cps
Lead	206-1	206	222	233	220	6.34	cps
Lead	207-1	122	178	178	159	20.14	cps
Lead	208-1	711	789	861	787	9.53	cps
Lithium	6-1	1121053	1154376	1176793	1150741	2.44	cps
Magnesium	24-2	275	292	325	297	8.57	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:20:05	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	67	60	64	5.98	cps
Molybdenum	94-1	275	242	208	242	13.79	cps
Molybdenum	95-1	83	67	125	92	32.78	cps
Molybdenum	96-1	83	108	125	106	19.87	cps
Molybdenum	97-1	92	125	83	100	22.05	cps
Molybdenum	98-1	150	75	92	106	37.31	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	127	107	120	9.62	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	6585	6810	6393	6596	3.16	cps
Rhodium	103-1	4475037	4490266	4547733	4504345	0.85	cps
Rhodium	103-2	1622532	1567026	1440613	1543390	6.04	cps
Scandium	45-1	3419473	3498695	3507115	3475094	1.39	cps
Scandium	45-2	41732	40542	38306	40193	4.33	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-85	6	58	-7	-1075.73	cps
Silicon	28-1	374416	371238	373575	373076	0.44	cps
Silver	109-1	292	142	208	214	35.14	cps
Silver	107-1	342	183	175	233	40.25	cps
Sodium	23-2	11764	11547	11272	11527	2.14	cps
Strontium	86-1	1225	1158	1317	1233	6.45	cps
Strontium	88-1	50	50	42	47	10.18	cps
Sulfur	34-1	695111	695943	689516	693524	0.50	cps
Terbium	159-1	4789365	4881351	4908952	4859889	1.29	cps
Terbium	159-2	1634186	1628175	1480443	1580935	5.51	cps
Thallium	203-1	42	67	100	69	42.14	cps
Thallium	205-1	142	200	175	172	16.99	cps
Thorium	232-1	72	56	44	57	24.35	cps
Tin	118-1	233	242	242	239	2.02	cps
Titanium	47-1	142	133	158	144	8.81	cps
Uranium	238-1	233	117	192	181	32.75	cps
Vanadium	51-2	27	13	20	20	33.35	cps
Yttrium	89-1	4985254	5103555	5154621	5081144	1.71	cps
Yttrium	89-2	257702	251135	231425	246754	5.54	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:20:05	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117	90	90	99	15.57	cps
Zirconium	90-1	483	483	442	469	5.12	cps
Zirconium	91-1	117	158	83	119	31.46	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:23:29 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	905749	908962	902140	905617	0.38	cps
Antimony	121-1	9671	10596	9996	10088	4.66	cps
Arsenic	75-2	61	46	76	61	24.24	cps
Barium	135-1	1959	1692	1934	1861	7.91	cps
Barium	137-1	3284	3009	3251	3181	4.72	cps
Beryllium	9-1	639	722	717	693	6.73	cps
Bismuth	209-1	2757440	2745478	2695077	2732665	1.21	cps
Bismuth	209-2	1260854	1188250	1230336	1226480	2.97	cps
Boron	11-1	2609	2892	2425	2642	8.90	cps
Boron	10-1	558	542	500	533	5.63	cps
Cadmium	106-1	1217	1200	1308	1242	4.70	cps
Cadmium	108-1	1133	1288	1217	1213	6.36	cps
Cadmium	111-1	1617	1414	1477	1503	6.91	cps
Calcium	43-1	1884862	1891897	1859047	1878602	0.92	cps
Calcium	44-1	29922743	30172530	30035856	30043710	0.42	cps
Chromium	52-2	21934	22321	22368	22208	1.07	cps
Cobalt	59-2	2564	2650	2600	2605	1.67	cps
Copper	63-2	17251	17248	17301	17266	0.17	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-2	13	3	20	12	68.66	cps
Erbium	164-1	17	42	17	25	57.73	cps
Gadolinium	160-1	133	67	83	94	36.73	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	4759560	4687546	4653402	4700170	1.15	cps
Holmium	165-2	1741743	1632270	1674165	1682726	3.28	cps
Indium	115-1	4347480	4335842	4295357	4326226	0.63	cps
Indium	115-2	342929	325753	326679	331787	2.91	cps
Iron	56-2	75207499	75053654	74576713	74945955	0.44	cps
Iron	57-2	1897659	1916237	1897303	1903733	0.57	cps
Krypton	83-1	1583	1790	1553	1642	7.85	cps
Lead	206-1	15037	15554	15076	15223	1.89	cps
Lead	207-1	12023	12584	12017	12208	2.67	cps
Lead	208-1	57714	58799	56077	57530	2.38	cps
Lithium	6-1	1134420	1119877	1132562	1128953	0.70	cps
Magnesium	24-2	4217214	4228855	4200465	4215511	0.34	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:23:29	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2727	2577	2727	2677	3.24	cps
Molybdenum	94-1	3258448	3304510	3287341	3283433	0.71	cps
Molybdenum	95-1	5675979	5806570	5748126	5743558	1.14	cps
Molybdenum	96-1	6062330	6192540	6097445	6117438	1.10	cps
Molybdenum	97-1	3603375	3565187	3573059	3580540	0.56	cps
Molybdenum	98-1	9029524	9056345	9058157	9048009	0.18	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	3380	3374	3557	3437	3.03	cps
Phosphorus	31-2	82491	84109	82650	83083	1.07	cps
Potassium	39-2	2549236	2568545	2551957	2556579	0.41	cps
Rhodium	103-1	4398102	4234831	4231959	4288298	2.22	cps
Rhodium	103-2	1641906	1570105	1595340	1602450	2.27	cps
Scandium	45-1	3390421	3388060	3406757	3395079	0.30	cps
Scandium	45-2	44561	41551	41903	42672	3.86	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-14	29	61	25	150.30	cps
Silicon	28-1	633093	645107	833553	703918	15.97	cps
Silver	109-1	3401	3309	3626	3445	4.73	cps
Silver	107-1	3651	4067	3934	3884	5.48	cps
Sodium	23-2	9346403	9323808	9205409	9291873	0.81	cps
Strontium	86-1	65341	66396	64344	65360	1.57	cps
Strontium	88-1	536766	550207	548588	545187	1.35	cps
Sulfur	34-1	2949158	2958486	2935938	2947861	0.38	cps
Terbium	159-1	5014453	4979739	4963727	4985973	0.52	cps
Terbium	159-2	1772371	1669211	1692077	1711220	3.17	cps
Thallium	203-1	233	392	250	292	29.83	cps
Thallium	205-1	900	792	600	764	19.89	cps
Thorium	232-1	122	139	144	135	8.55	cps
Tin	118-1	1083	967	1058	1036	5.93	cps
Titanium	47-1	1864575	1901105	1884813	1883498	0.97	cps
Uranium	238-1	325	408	317	350	14.48	cps
Vanadium	51-2	157	150	137	148	6.89	cps
Yttrium	89-1	5067360	5067250	5072196	5068935	0.06	cps
Yttrium	89-2	272117	252425	259357	261300	3.82	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:23:29	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2587	2454	2497	2512	2.71	cps
Zirconium	90-1	708	608	700	672	8.25	cps
Zirconium	91-1	183	167	133	161	15.80	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 13:26:47 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	898047	887480	881785	889104	0.93	cps
Antimony	121-1	141510	140466	138606	140194	1.05	cps
Arsenic	75-2	2724	2819	2791	2778	1.75	cps
Barium	135-1	28023	28339	29501	28621	2.72	cps
Barium	137-1	49051	48030	48849	48643	1.11	cps
Beryllium	9-1	32259	31730	31212	31734	1.65	cps
Bismuth	209-1	2636519	2832995	2773243	2747586	3.67	cps
Bismuth	209-2	1261251	1248723	1291491	1267155	1.74	cps
Boron	11-1	54019	53751	54329	54033	0.53	cps
Boron	10-1	11272	10921	10988	11060	1.68	cps
Cadmium	106-1	5301	5151	5510	5321	3.38	cps
Cadmium	108-1	3588	3451	3821	3620	5.18	cps
Cadmium	111-1	32490	32423	33299	32737	1.49	cps
Calcium	43-1	1883323	1890569	1899591	1891161	0.43	cps
Calcium	44-1	30549719	30515757	30512309	30525928	0.07	cps
Chromium	52-2	43257	42902	42876	43012	0.49	cps
Cobalt	59-2	44789	45113	44769	44890	0.43	cps
Copper	63-2	53265	53065	51850	52727	1.45	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-2	3	7	7	6	34.70	cps
Erbium	164-1	83	25	50	53	55.46	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	27	20	17	21	24.12	cps
Holmium	165-1	4513145	4905434	4816924	4745168	4.34	cps
Holmium	165-2	1723548	1681839	1779401	1728263	2.83	cps
Indium	115-1	4174932	4434060	4282760	4297251	3.03	cps
Indium	115-2	333587	326494	339270	333117	1.92	cps
Iron	56-2	75262329	74404816	73550638	74405928	1.15	cps
Iron	57-2	1910264	1876124	1857274	1881221	1.43	cps
Krypton	83-1	917	933	937	929	1.15	cps
Lead	206-1	79862	81975	80740	80859	1.31	cps
Lead	207-1	66982	67943	68630	67851	1.22	cps
Lead	208-1	311405	315451	314194	313683	0.66	cps
Lithium	6-1	1076932	1128667	1119318	1108305	2.49	cps
Magnesium	24-2	4169078	4164156	4119429	4150888	0.66	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:26:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9270	9497	9250	9339	1.47	cps
Molybdenum	94-1	3557536	3594847	3612465	3588283	0.78	cps
Molybdenum	95-1	5953069	5957674	5964185	5958309	0.09	cps
Molybdenum	96-1	6352790	6429353	6426217	6402787	0.68	cps
Molybdenum	97-1	3680586	3756626	3746925	3728046	1.11	cps
Molybdenum	98-1	9489229	9427273	9536997	9484500	0.58	cps
Neodymium	150-1	20	60	33	38	53.92	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	16029	15796	16276	16034	1.50	cps
Phosphorus	31-2	80831	81820	80671	81107	0.77	cps
Potassium	39-2	2506278	2512934	2476958	2498723	0.77	cps
Rhodium	103-1	4077175	4453256	4245054	4258495	4.42	cps
Rhodium	103-2	1623311	1597802	1611474	1610862	0.79	cps
Scandium	45-1	3243332	3457972	3391388	3364231	3.27	cps
Scandium	45-2	41394	41354	42742	41830	1.89	cps
Selenium	77-2	47	20	23	30	48.44	cps
Selenium	78-2	91	74	87	84	10.42	cps
Selenium	82-1	2282	2258	2428	2323	3.95	cps
Silicon	28-1	781668	782616	786384	783556	0.32	cps
Silver	109-1	137859	135621	135528	136336	0.97	cps
Silver	107-1	145251	145632	144939	145274	0.24	cps
Sodium	23-2	9217679	9141346	9114654	9157893	0.58	cps
Strontium	86-1	160696	160677	161310	160894	0.22	cps
Strontium	88-1	1379644	1382165	1389506	1383772	0.37	cps
Sulfur	34-1	2942460	2938281	2936445	2939062	0.10	cps
Terbium	159-1	4879315	5165461	5056983	5033919	2.87	cps
Terbium	159-2	1739455	1696267	1771189	1735637	2.17	cps
Thallium	203-1	80497	82065	82023	81528	1.10	cps
Thallium	205-1	191391	193930	191587	192303	0.73	cps
Thorium	232-1	133	139	78	117	28.97	cps
Tin	118-1	224249	225287	225769	225102	0.35	cps
Titanium	47-1	1938505	1942450	1957268	1946074	0.51	cps
Uranium	238-1	647693	643208	644452	645118	0.36	cps
Vanadium	51-2	15329	15896	15285	15503	2.20	cps
Yttrium	89-1	4848875	5156290	5038719	5014628	3.09	cps
Yttrium	89-2	262256	255533	262838	260209	1.56	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:26:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6335	6438	6445	6406	0.96	cps
Zirconium	90-1	515855	513871	515505	515077	0.21	cps
Zirconium	91-1	115857	112051	114228	114045	1.67	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550715	544566	548969	548084	0.58	cps
Antimony	121-1	3488707	3435315	3466138	3463386	0.77	cps
Arsenic	75-2	76614	77253	77994	77287	0.89	cps
Barium	135-1	3471007	3439076	3434656	3448246	0.58	cps
Barium	137-1	5999145	5859537	5896898	5918527	1.22	cps
Beryllium	9-1	818325	812864	811327	814172	0.45	cps
Bismuth	209-1	2717226	2737113	2760874	2738404	0.80	cps
Bismuth	209-2	1249874	1216738	1228744	1231786	1.36	cps
Boron	11-1	486191	496096	501151	494479	1.54	cps
Boron	10-1	99418	100165	101256	100279	0.92	cps
Cadmium	106-1	88766	87668	88616	88350	0.67	cps
Cadmium	108-1	59991	60661	60264	60305	0.56	cps
Cadmium	111-1	822806	827939	821310	824018	0.42	cps
Calcium	43-1	4996088	5006370	5016052	5006170	0.20	cps
Calcium	44-1	81009039	81605348	81176614	81263667	0.38	cps
Chromium	52-2	602478	601179	600872	601510	0.14	cps
Cobalt	59-2	1138697	1131430	1130925	1133684	0.38	cps
Copper	63-2	1881485	1861886	1904828	1882733	1.14	cps
Dysprosium	156-1	67	92	100	86	20.15	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-2	13	7	10	10	33.30	cps
Erbium	164-1	25	42	25	31	31.50	cps
Gadolinium	160-1	83	33	67	61	41.67	cps
Gadolinium	160-2	23	3	10	12	83.33	cps
Holmium	165-1	4775527	4774023	4772021	4773857	0.04	cps
Holmium	165-2	1756113	1674685	1688430	1706409	2.55	cps
Indium	115-1	4367025	4286204	4308699	4320642	0.97	cps
Indium	115-2	331589	322036	325878	326501	1.47	cps
Iron	56-2	102830608	101750916	100864030	101815185	0.97	cps
Iron	57-2	2595080	2558498	2583606	2579061	0.73	cps
Krypton	83-1	1033	1090	1110	1078	3.69	cps
Lead	206-1	1690770	1671187	1653023	1671660	1.13	cps
Lead	207-1	1492809	1517925	1494563	1501766	0.93	cps
Lead	208-1	6819893	6922808	6761386	6834696	1.20	cps
Lithium	6-1	1075576	1070542	1097369	1081163	1.32	cps
Magnesium	24-2	11135142	11043996	11107478	11095539	0.42	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370326	368773	370553	369884	0.26	cps
Molybdenum	94-1	6403977	6521623	6370797	6432132	1.23	cps
Molybdenum	95-1	7901516	7952757	7893305	7915860	0.41	cps
Molybdenum	96-1	8776823	8890679	8837061	8834854	0.64	cps
Molybdenum	97-1	4915300	4941237	4932185	4929574	0.27	cps
Molybdenum	98-1	12561248	12753387	12696031	12670222	0.78	cps
Neodymium	150-1	160	160	233	184	22.96	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	342639	342082	345154	343292	0.48	cps
Phosphorus	31-2	8828	9003	9237	9023	2.27	cps
Potassium	39-2	3394104	3382649	3371854	3382869	0.33	cps
Rhodium	103-1	4245422	4221053	4298724	4255066	0.93	cps
Rhodium	103-2	1611946	1547385	1544410	1567914	2.43	cps
Scandium	45-1	3433113	3438504	3464723	3445447	0.49	cps
Scandium	45-2	43126	42260	42086	42491	1.31	cps
Selenium	77-2	730	633	593	652	10.77	cps
Selenium	78-2	2128	2247	2185	2187	2.71	cps
Selenium	82-1	59216	60755	60004	59992	1.28	cps
Silicon	28-1	2480871	2532732	2516430	2510011	1.06	cps
Silver	109-1	3631066	3743771	3686800	3687212	1.53	cps
Silver	107-1	3892121	3885283	3865959	3881121	0.35	cps
Sodium	23-2	24467504	24389028	24359089	24405207	0.23	cps
Strontium	86-1	1011237	1008619	1008435	1009430	0.16	cps
Strontium	88-1	8625333	8628881	8600712	8618309	0.18	cps
Sulfur	34-1	946764	947821	950713	948433	0.22	cps
Terbium	159-1	5142883	5073716	5159868	5125489	0.89	cps
Terbium	159-2	1770732	1711376	1717078	1733062	1.89	cps
Thallium	203-1	2128981	2129682	2068587	2109084	1.66	cps
Thallium	205-1	5001253	5047245	4934885	4994461	1.13	cps
Thorium	232-1	6854890	6927830	6865662	6882794	0.57	cps
Tin	118-1	2289274	2350376	2296616	2312089	1.44	cps
Titanium	47-1	2543294	2575104	2523099	2547165	1.03	cps
Uranium	238-1	6380716	6346797	6497615	6408376	1.23	cps
Vanadium	51-2	429458	425947	425902	427102	0.48	cps
Yttrium	89-1	5078352	5074994	5078322	5077223	0.04	cps
Yttrium	89-2	268236	260934	261313	263494	1.56	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:30:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	214308	211800	211157	212422	0.78	cps
Zirconium	90-1	5453752	5507279	5443926	5468319	0.62	cps
Zirconium	91-1	1203481	1218496	1199758	1207245	0.82	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	233	243	230	6.05	cps
Antimony	121-1	12798	12715	13057	12857	1.39	cps
Arsenic	75-2	167	154	174	165	6.26	cps
Barium	135-1	12315	11914	11013	11747	5.67	cps
Barium	137-1	21059	20500	20367	20642	1.78	cps
Beryllium	9-1	1834	1667	1578	1693	7.67	cps
Bismuth	209-1	2602396	2713757	2818910	2711688	3.99	cps
Bismuth	209-2	1185802	1184427	1187663	1185964	0.14	cps
Boron	11-1	24038	24438	24764	24413	1.49	cps
Boron	10-1	4709	5134	5135	4993	4.92	cps
Cadmium	106-1	1425	1450	1600	1492	6.34	cps
Cadmium	108-1	125	138	108	124	11.83	cps
Cadmium	111-1	2360	2494	2424	2426	2.76	cps
Calcium	43-1	9504	9120	9837	9487	3.78	cps
Calcium	44-1	186464	183055	184076	184532	0.95	cps
Chromium	52-2	3554	3384	3561	3499	2.86	cps
Cobalt	59-2	2110	2160	2260	2177	3.51	cps
Copper	63-2	5671	5961	5938	5857	2.75	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	13	7	10	10	33.30	cps
Erbium	164-1	33	17	33	28	34.63	cps
Gadolinium	160-1	50	67	67	61	15.75	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	4343078	4454256	4590168	4462501	2.77	cps
Holmium	165-2	1567254	1561974	1585190	1571472	0.77	cps
Indium	115-1	4070435	4155887	4441987	4222769	4.61	cps
Indium	115-2	320698	317826	320535	319686	0.50	cps
Iron	56-2	40587	38855	39830	39757	2.18	cps
Iron	57-2	1128	1089	1045	1087	3.84	cps
Krypton	83-1	977	1187	980	1048	11.48	cps
Lead	206-1	3151	3239	3028	3139	3.38	cps
Lead	207-1	2950	2756	2912	2873	3.58	cps
Lead	208-1	13170	13109	12792	13023	1.56	cps
Lithium	6-1	1017429	1077406	1127369	1074068	5.12	cps
Magnesium	24-2	20649	21092	20791	20844	1.08	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	407	427	360	398	8.60	cps
Molybdenum	94-1	12473	12114	11213	11933	5.44	cps
Molybdenum	95-1	14216	13824	13449	13830	2.77	cps
Molybdenum	96-1	16828	15985	15167	15994	5.19	cps
Molybdenum	97-1	9420	8570	9070	9020	4.74	cps
Molybdenum	98-1	23831	21877	21868	22525	5.02	cps
Neodymium	150-1	27	0	27	18	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	757	937	723	806	14.25	cps
Phosphorus	31-2	17	33	8	19	65.48	cps
Potassium	39-2	20199	20374	19973	20182	1.00	cps
Rhodium	103-1	4185399	4324712	4465571	4325228	3.24	cps
Rhodium	103-2	1599304	1553068	1578908	1577093	1.47	cps
Scandium	45-1	3199469	3260490	3493818	3317925	4.68	cps
Scandium	45-2	41297	40913	41254	41155	0.51	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	26	19	9	18	46.65	cps
Selenium	82-1	526	311	455	430	25.44	cps
Silicon	28-1	456281	456121	458854	457085	0.34	cps
Silver	109-1	7577	6927	6802	7102	5.86	cps
Silver	107-1	7652	7678	7136	7489	4.09	cps
Sodium	23-2	57684	59810	57910	58468	2.00	cps
Strontium	86-1	3342	3517	3326	3395	3.13	cps
Strontium	88-1	15384	16144	15509	15679	2.60	cps
Sulfur	34-1	642930	638763	638517	640070	0.39	cps
Terbium	159-1	4465944	4698879	4899551	4688125	4.63	cps
Terbium	159-2	1611198	1576087	1595872	1594386	1.10	cps
Thallium	203-1	3801	3867	3667	3779	2.70	cps
Thallium	205-1	9029	8987	8595	8870	2.70	cps
Thorium	232-1	12062	11389	11456	11635	3.19	cps
Tin	118-1	21476	20475	20792	20914	2.45	cps
Titanium	47-1	4834	4243	4626	4568	6.57	cps
Uranium	238-1	11347	11005	10813	11055	2.45	cps
Vanadium	51-2	3861	3611	3914	3795	4.27	cps
Yttrium	89-1	4702153	4820544	5060134	4860944	3.75	cps
Yttrium	89-2	250216	247415	252637	250090	1.04	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P8
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:39:58	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	513	500	577	530	7.73	cps
Zirconium	90-1	10788	10371	10538	10566	1.99	cps
Zirconium	91-1	2259	2184	2217	2220	1.69	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:49:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	43	30	35	18.89	cps
Antimony	121-1	158	133	258	183	36.08	cps
Arsenic	75-2	6	19	13	12	52.66	cps
Barium	135-1	42	33	42	39	12.37	cps
Barium	137-1	67	67	33	56	34.65	cps
Beryllium	9-1	256	233	206	231	10.82	cps
Bismuth	209-1	2568603	2596595	2599415	2588204	0.66	cps
Bismuth	209-2	1177297	1217334	1035508	1143379	8.36	cps
Boron	11-1	1667	1683	1800	1717	4.23	cps
Boron	10-1	433	367	275	358	22.19	cps
Cadmium	106-1	1350	1308	1442	1367	4.99	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Cadmium	111-1	964	929	1024	973	4.94	cps
Calcium	43-1	783	742	733	753	3.56	cps
Calcium	44-1	36691	36607	37084	36794	0.69	cps
Chromium	52-2	1183	1113	1233	1177	5.12	cps
Cobalt	59-2	80	97	100	92	11.62	cps
Copper	63-2	2077	2127	2297	2167	5.32	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	4274083	4286909	4288280	4283091	0.18	cps
Holmium	165-2	1560861	1618565	1351105	1510177	9.32	cps
Indium	115-1	4037468	4081507	4103750	4074242	0.83	cps
Indium	115-2	321257	328208	280160	309875	8.38	cps
Iron	56-2	2623	2611	2661	2632	1.00	cps
Iron	57-2	56	100	106	87	31.48	cps
Krypton	83-1	1037	1003	1063	1035	2.91	cps
Lead	206-1	178	189	161	176	7.95	cps
Lead	207-1	150	206	144	167	20.27	cps
Lead	208-1	800	756	722	759	5.14	cps
Lithium	6-1	1037037	1056733	1040573	1044781	1.01	cps
Magnesium	24-2	342	367	275	328	14.46	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:49:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	67	50	50	33.34	cps
Molybdenum	94-1	192	283	308	261	23.52	cps
Molybdenum	95-1	133	108	67	103	32.77	cps
Molybdenum	96-1	283	167	217	222	26.34	cps
Molybdenum	97-1	67	125	75	89	35.50	cps
Molybdenum	98-1	150	183	150	161	11.94	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	103	117	123	114	8.90	cps
Phosphorus	31-2	50	8	25	28	75.51	cps
Potassium	39-2	6485	6977	6835	6766	3.74	cps
Rhodium	103-1	4144139	4196821	4289006	4209989	1.74	cps
Rhodium	103-2	1573256	1638233	1368210	1526566	9.23	cps
Scandium	45-1	3273916	3235272	3305398	3271528	1.07	cps
Scandium	45-2	40986	41451	35632	39357	8.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-51	-71	-62	-62	-16.05	cps
Silicon	28-1	397987	396792	396515	397098	0.20	cps
Silver	109-1	175	158	142	158	10.52	cps
Silver	107-1	250	167	192	203	21.09	cps
Sodium	23-2	12956	12673	12448	12692	2.01	cps
Strontium	86-1	1525	1550	1508	1528	1.37	cps
Strontium	88-1	75	125	83	94	28.37	cps
Sulfur	34-1	660567	658191	663903	660887	0.43	cps
Terbium	159-1	4478694	4553431	4660126	4564084	2.00	cps
Terbium	159-2	1591732	1640153	1377837	1536574	9.08	cps
Thallium	203-1	92	33	42	56	56.79	cps
Thallium	205-1	117	117	183	139	27.72	cps
Thorium	232-1	39	106	94	80	44.85	cps
Tin	118-1	275	250	258	261	4.87	cps
Titanium	47-1	183	158	133	158	15.79	cps
Uranium	238-1	150	83	92	108	33.53	cps
Vanadium	51-2	33	10	17	20	60.08	cps
Yttrium	89-1	4676620	4659232	4836833	4724228	2.07	cps
Yttrium	89-2	250104	259902	218348	242785	8.95	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:49:13	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127	107	103	112	11.24	cps
Zirconium	90-1	392	517	458	456	13.73	cps
Zirconium	91-1	83	92	100	92	9.09	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	233	230	216	12.38	cps
Antimony	121-1	12189	11806	12406	12134	2.51	cps
Arsenic	75-2	128	178	133	146	18.73	cps
Barium	135-1	11714	12607	11314	11878	5.57	cps
Barium	137-1	21243	20450	20258	20650	2.53	cps
Beryllium	9-1	1695	1595	1483	1591	6.64	cps
Bismuth	209-1	2675586	2812146	2625439	2704390	3.57	cps
Bismuth	209-2	1162619	1168974	1195310	1175635	1.47	cps
Boron	11-1	22260	23804	24455	23506	4.80	cps
Boron	10-1	4959	4659	4826	4815	3.12	cps
Cadmium	106-1	1308	1367	1442	1372	4.87	cps
Cadmium	108-1	121	96	129	115	15.05	cps
Cadmium	111-1	2281	2286	2348	2305	1.62	cps
Calcium	43-1	10129	10062	9712	9968	2.25	cps
Calcium	44-1	183209	184041	182963	183404	0.31	cps
Chromium	52-2	3511	3414	3504	3476	1.55	cps
Cobalt	59-2	2224	2267	2250	2247	0.97	cps
Copper	63-2	5705	5975	5611	5764	3.28	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	7	0	13	7	99.98	cps
Erbium	164-1	83	50	50	61	31.50	cps
Gadolinium	160-1	92	92	58	81	23.89	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	4482982	4656753	4353936	4497890	3.38	cps
Holmium	165-2	1524592	1538083	1559381	1540686	1.14	cps
Indium	115-1	4233781	4406517	4140172	4260157	3.17	cps
Indium	115-2	313870	313641	321522	316344	1.42	cps
Iron	56-2	41122	41440	41540	41367	0.53	cps
Iron	57-2	906	1033	1095	1011	9.53	cps
Krypton	83-1	1073	1017	990	1027	4.15	cps
Lead	206-1	3262	3189	3128	3193	2.09	cps
Lead	207-1	3062	2789	2884	2912	4.75	cps
Lead	208-1	12970	12675	13036	12894	1.49	cps
Lithium	6-1	1059901	1117172	1055238	1077437	3.20	cps
Magnesium	24-2	21434	20641	21066	21047	1.89	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	440	480	457	459	4.38	cps
Molybdenum	94-1	12239	11597	12056	11964	2.77	cps
Molybdenum	95-1	13783	14525	13424	13910	4.04	cps
Molybdenum	96-1	14867	16110	15660	15546	4.05	cps
Molybdenum	97-1	8712	8762	8628	8700	0.77	cps
Molybdenum	98-1	21777	21944	22069	21930	0.67	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	850	780	777	802	5.16	cps
Phosphorus	31-2	50	17	25	31	56.77	cps
Potassium	39-2	19205	19464	19197	19289	0.79	cps
Rhodium	103-1	4350627	4469400	4239238	4353088	2.64	cps
Rhodium	103-2	1505967	1546240	1586914	1546374	2.62	cps
Scandium	45-1	3331651	3525761	3239619	3365677	4.34	cps
Scandium	45-2	40361	39850	40405	40205	0.77	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	17	43	28	29	44.82	cps
Selenium	82-1	496	454	625	525	16.99	cps
Silicon	28-1	457113	457771	456027	456970	0.19	cps
Silver	109-1	6844	6877	6927	6883	0.61	cps
Silver	107-1	7944	7586	7244	7591	4.61	cps
Sodium	23-2	60228	59576	59542	59782	0.65	cps
Strontium	86-1	3384	3826	3184	3464	9.48	cps
Strontium	88-1	15376	15843	15960	15726	1.96	cps
Sulfur	34-1	654077	660367	657898	657447	0.48	cps
Terbium	159-1	4755154	4889176	4612223	4752184	2.91	cps
Terbium	159-2	1538504	1573846	1642539	1584963	3.34	cps
Thallium	203-1	3617	3676	3734	3676	1.59	cps
Thallium	205-1	9387	9320	9387	9365	0.41	cps
Thorium	232-1	11233	11461	11828	11507	2.61	cps
Tin	118-1	20975	20759	20575	20770	0.96	cps
Titanium	47-1	4459	4626	4884	4657	4.60	cps
Uranium	238-1	11130	11264	11314	11236	0.84	cps
Vanadium	51-2	3797	3837	3767	3801	0.92	cps
Yttrium	89-1	4898852	5161267	4733352	4931157	4.38	cps
Yttrium	89-2	243591	244289	249615	245832	1.34	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 13:52:36	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	567	457	527	517	10.78	cps
Zirconium	90-1	10313	9996	10254	10188	1.66	cps
Zirconium	91-1	2242	2400	2092	2245	6.87	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531806	516467	510999	519757	2.08	cps
Antimony	121-1	3326963	3357394	3330565	3338307	0.50	cps
Arsenic	75-2	74248	72029	71188	72488	2.18	cps
Barium	135-1	3339778	3354983	3353995	3349585	0.25	cps
Barium	137-1	5703833	5675350	5765764	5714982	0.81	cps
Beryllium	9-1	817786	819783	817386	818318	0.16	cps
Bismuth	209-1	2641590	2709719	2750873	2700727	2.04	cps
Bismuth	209-2	1225383	1183640	1166683	1191902	2.53	cps
Boron	11-1	490420	498960	503120	497500	1.30	cps
Boron	10-1	98948	102213	101701	100954	1.74	cps
Cadmium	106-1	86846	87819	86920	87195	0.62	cps
Cadmium	108-1	58025	59891	58389	58768	1.68	cps
Cadmium	111-1	792132	801712	789355	794400	0.82	cps
Calcium	43-1	4870574	4917688	4865762	4884675	0.59	cps
Calcium	44-1	79650373	79366921	78716768	79244687	0.60	cps
Chromium	52-2	576560	564699	554224	565161	1.98	cps
Cobalt	59-2	1084813	1059054	1046909	1063592	1.82	cps
Copper	63-2	1784869	1743047	1734327	1754081	1.54	cps
Dysprosium	156-1	50	67	92	69	30.20	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-2	7	7	0	4	86.60	cps
Erbium	164-1	17	50	33	33	50.00	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	17	23	27	22	22.91	cps
Holmium	165-1	4636695	4647896	4841945	4708846	2.45	cps
Holmium	165-2	1694124	1646269	1589364	1643253	3.19	cps
Indium	115-1	4166106	4223132	4322757	4237332	1.87	cps
Indium	115-2	322804	309330	298813	310316	3.88	cps
Iron	56-2	97404624	94897472	93342752	95214949	2.15	cps
Iron	57-2	2464342	2448401	2367869	2426871	2.13	cps
Krypton	83-1	973	997	1043	1005	3.55	cps
Lead	206-1	1593544	1589527	1585756	1589609	0.25	cps
Lead	207-1	1437469	1441860	1439860	1439730	0.15	cps
Lead	208-1	6542110	6597146	6561708	6566988	0.42	cps
Lithium	6-1	1081993	1112646	1139616	1111418	2.59	cps
Magnesium	24-2	10847813	10510754	10340874	10566480	2.44	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353065	342349	338054	344489	2.24	cps
Molybdenum	94-1	6285143	6271326	6244606	6267025	0.33	cps
Molybdenum	95-1	7616324	7719279	7724071	7686558	0.79	cps
Molybdenum	96-1	8527494	8469740	8436119	8477784	0.55	cps
Molybdenum	97-1	4780920	4713932	4762284	4752379	0.73	cps
Molybdenum	98-1	12191475	12025550	12281696	12166240	1.07	cps
Neodymium	150-1	153	240	227	207	22.58	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	329192	318598	316526	321438	2.11	cps
Phosphorus	31-2	9362	8169	8103	8545	8.29	cps
Potassium	39-2	3301821	3198198	3177648	3225889	2.06	cps
Rhodium	103-1	4105488	4181886	4340962	4209445	2.85	cps
Rhodium	103-2	1572147	1485354	1447978	1501826	4.24	cps
Scandium	45-1	3335484	3409530	3488435	3411150	2.24	cps
Scandium	45-2	43527	41391	39519	41479	4.84	cps
Selenium	77-2	527	587	590	568	6.28	cps
Selenium	78-2	2128	2119	1996	2081	3.53	cps
Selenium	82-1	58198	59114	58470	58594	0.80	cps
Silicon	28-1	2636519	2634199	2659806	2643508	0.54	cps
Silver	109-1	3529272	3602991	3547904	3560056	1.08	cps
Silver	107-1	3761432	3809817	3771695	3780981	0.67	cps
Sodium	23-2	23799538	23277797	22727610	23268315	2.30	cps
Strontium	86-1	976312	970718	973936	973655	0.29	cps
Strontium	88-1	8364060	8403322	8291480	8352954	0.68	cps
Sulfur	34-1	932375	920023	925797	926065	0.67	cps
Terbium	159-1	4839490	4958890	5043193	4947191	2.07	cps
Terbium	159-2	1740122	1652168	1615673	1669321	3.83	cps
Thallium	203-1	2034139	2028183	2044292	2035538	0.40	cps
Thallium	205-1	4763336	4776419	4773800	4771185	0.15	cps
Thorium	232-1	6615195	6629559	6661283	6635346	0.36	cps
Tin	118-1	2260485	2226996	2229736	2239072	0.83	cps
Titanium	47-1	2467481	2461133	2446144	2458253	0.45	cps
Uranium	238-1	6250575	6223927	6184983	6219828	0.53	cps
Vanadium	51-2	410279	397969	394033	400760	2.11	cps
Yttrium	89-1	4881993	5057096	5114388	5017826	2.41	cps
Yttrium	89-2	260066	245617	240807	248830	4.03	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:03:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	201995	197349	195342	198229	1.72	cps
Zirconium	90-1	5312976	5310259	5296188	5306475	0.17	cps
Zirconium	91-1	1169131	1170148	1170549	1169942	0.06	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	45	43	45	5.55	cps
Antimony	121-1	1050	1025	1200	1092	8.67	cps
Arsenic	75-2	9	11	11	10	10.18	cps
Barium	135-1	92	83	100	92	9.09	cps
Barium	137-1	83	83	117	94	20.37	cps
Beryllium	9-1	306	272	289	289	5.77	cps
Bismuth	209-1	2848995	2907344	3221283	2992541	6.69	cps
Bismuth	209-2	1196049	1216354	1138740	1183715	3.40	cps
Boron	11-1	6960	5976	5760	6232	10.27	cps
Boron	10-1	1525	1458	1450	1478	2.78	cps
Cadmium	106-1	1408	1217	1508	1378	10.76	cps
Cadmium	108-1	0	33	13	15	110.22	cps
Cadmium	111-1	1007	858	1068	977	11.07	cps
Calcium	43-1	717	758	733	736	2.85	cps
Calcium	44-1	35705	36950	35955	36203	1.82	cps
Chromium	52-2	1153	1160	1110	1141	2.38	cps
Cobalt	59-2	113	70	113	99	25.30	cps
Copper	63-2	1770	1880	1703	1785	5.00	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	0	10	3	4	114.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	4672487	4682991	5077370	4810949	4.80	cps
Holmium	165-2	1541996	1587820	1456032	1528616	4.38	cps
Indium	115-1	4398748	4478815	4933889	4603817	6.27	cps
Indium	115-2	311921	318614	294834	308456	3.98	cps
Iron	56-2	3056	3167	3223	3149	2.70	cps
Iron	57-2	106	83	161	117	34.34	cps
Krypton	83-1	947	1027	1043	1006	5.14	cps
Lead	206-1	506	500	433	480	8.38	cps
Lead	207-1	456	411	383	417	8.74	cps
Lead	208-1	1895	2083	1761	1913	8.46	cps
Lithium	6-1	1085978	1107458	1236603	1143346	7.13	cps
Magnesium	24-2	308	383	342	344	10.91	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	77	47	52	42.50	cps
Molybdenum	94-1	842	567	717	708	19.44	cps
Molybdenum	95-1	675	750	725	717	5.33	cps
Molybdenum	96-1	817	842	950	870	8.15	cps
Molybdenum	97-1	533	458	592	528	12.67	cps
Molybdenum	98-1	1233	1025	1425	1228	16.30	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	110	113	130	118	9.10	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	6527	6694	7010	6744	3.64	cps
Rhodium	103-1	4521776	4525173	4903515	4650155	4.72	cps
Rhodium	103-2	1527680	1570792	1445338	1514603	4.21	cps
Scandium	45-1	3392809	3457758	3726683	3525750	5.02	cps
Scandium	45-2	38737	39796	36628	38387	4.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	64	-24	-16	8	611.77	cps
Silicon	28-1	399150	394804	394149	396035	0.69	cps
Silver	109-1	417	342	267	342	21.95	cps
Silver	107-1	575	342	358	425	30.63	cps
Sodium	23-2	13565	13749	12865	13393	3.48	cps
Strontium	86-1	1425	1375	1942	1581	19.85	cps
Strontium	88-1	200	125	125	150	28.87	cps
Sulfur	34-1	646875	649451	647990	648105	0.20	cps
Terbium	159-1	4929275	4989304	5424640	5114406	5.29	cps
Terbium	159-2	1576324	1592411	1477439	1548725	4.02	cps
Thallium	203-1	300	242	300	281	12.00	cps
Thallium	205-1	625	600	625	617	2.34	cps
Thorium	232-1	511	478	422	470	9.55	cps
Tin	118-1	508	500	525	511	2.49	cps
Titanium	47-1	158	233	108	167	37.75	cps
Uranium	238-1	242	150	167	186	26.24	cps
Vanadium	51-2	23	23	23	23	0.00	cps
Yttrium	89-1	4945291	5090084	5496623	5177333	5.52	cps
Yttrium	89-2	240969	245790	228023	238261	3.86	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:06:33	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130	63	130	108	35.71	cps
Zirconium	90-1	592	658	558	603	8.45	cps
Zirconium	91-1	100	133	117	117	14.28	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BL	Instrumnet Name :	P8
Client Sample ID :	PB114400BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:09:57	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	45	33	36	22.42	cps
Antimony	121-1	317	400	392	369	12.42	cps
Arsenic	75-2	7	17	0	8	104.05	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	50	50	67	56	17.32	cps
Beryllium	9-1	272	300	261	278	7.21	cps
Bismuth	209-1	2885369	2841639	2757927	2828312	2.29	cps
Bismuth	209-2	1226706	1221620	1219755	1222694	0.29	cps
Boron	11-1	4151	4142	4017	4104	1.82	cps
Boron	10-1	900	825	950	892	7.06	cps
Cadmium	106-1	1425	1208	1258	1297	8.75	cps
Cadmium	108-1	13	17	0	10	89.22	cps
Cadmium	111-1	1001	851	902	918	8.34	cps
Calcium	43-1	783	683	650	706	9.83	cps
Calcium	44-1	36181	35463	35095	35580	1.55	cps
Chromium	52-2	1120	1157	1050	1109	4.89	cps
Cobalt	59-2	53	130	83	89	43.46	cps
Copper	63-2	1677	1737	1843	1752	4.82	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	13	13	7	11	34.61	cps
Erbium	164-1	33	25	17	25	33.32	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	4686706	4782039	4566141	4678295	2.31	cps
Holmium	165-2	1614964	1588525	1609253	1604247	0.87	cps
Indium	115-1	4460542	4455159	4294367	4403356	2.14	cps
Indium	115-2	326955	323881	325123	325320	0.48	cps
Iron	56-2	2800	2967	2834	2867	3.08	cps
Iron	57-2	72	94	72	80	16.11	cps
Krypton	83-1	990	1047	1100	1046	5.26	cps
Lead	206-1	272	250	217	246	11.35	cps
Lead	207-1	228	294	244	256	13.58	cps
Lead	208-1	1067	1089	1089	1082	1.19	cps
Lithium	6-1	1132965	1130465	1109671	1124367	1.14	cps
Magnesium	24-2	417	300	350	356	16.46	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BL	Instrumnet Name :	P8
Client Sample ID :	PB114400BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:09:57	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	57	30	57	47.06	cps
Molybdenum	94-1	250	308	208	256	19.66	cps
Molybdenum	95-1	258	275	258	264	3.65	cps
Molybdenum	96-1	342	308	342	331	5.82	cps
Molybdenum	97-1	125	133	158	139	12.49	cps
Molybdenum	98-1	283	408	442	378	22.10	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	140	110	110	120	14.43	cps
Phosphorus	31-2	17	8	42	22	78.07	cps
Potassium	39-2	6610	6827	6902	6780	2.24	cps
Rhodium	103-1	4484671	4445515	4341550	4423912	1.67	cps
Rhodium	103-2	1607654	1613910	1601465	1607676	0.39	cps
Scandium	45-1	3421501	3374736	3368156	3388131	0.86	cps
Scandium	45-2	41013	40258	40923	40731	1.01	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	75	-43	-84	-17	-481.80	cps
Silicon	28-1	387185	388244	386951	387460	0.18	cps
Silver	109-1	217	200	150	189	18.37	cps
Silver	107-1	308	267	217	264	17.39	cps
Sodium	23-2	12231	11639	12197	12022	2.77	cps
Strontium	86-1	1600	1500	1575	1558	3.34	cps
Strontium	88-1	75	92	117	94	22.21	cps
Sulfur	34-1	668310	663375	669532	667072	0.49	cps
Terbium	159-1	4958813	4921297	4841186	4907099	1.22	cps
Terbium	159-2	1639113	1618871	1660570	1639518	1.27	cps
Thallium	203-1	125	108	117	117	7.14	cps
Thallium	205-1	300	183	233	239	24.50	cps
Thorium	232-1	67	133	83	94	36.73	cps
Tin	118-1	208	217	233	219	5.80	cps
Titanium	47-1	183	217	150	183	18.18	cps
Uranium	238-1	225	200	208	211	6.03	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Yttrium	89-1	5156100	5018042	4900081	5024741	2.55	cps
Yttrium	89-2	250540	244851	249774	248388	1.24	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BL	Instrumnet Name :	P8
Client Sample ID :	PB114400BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:09:57	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	97	93	88	14.37	cps
Zirconium	90-1	442	500	467	469	6.23	cps
Zirconium	91-1	158	142	117	139	15.10	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102616	101286	99735	101212	1.42	cps
Antimony	121-1	3365553	3398421	3354438	3372804	0.68	cps
Arsenic	75-2	74164	74244	74041	74150	0.14	cps
Barium	135-1	3341935	3386723	3360891	3363183	0.67	cps
Barium	137-1	5725947	5805378	5779032	5770119	0.70	cps
Beryllium	9-1	791496	792292	793111	792299	0.10	cps
Bismuth	209-1	2733365	2792085	2724280	2749910	1.34	cps
Bismuth	209-2	1180433	1207260	1221269	1202987	1.72	cps
Boron	11-1	473341	478223	486835	479466	1.42	cps
Boron	10-1	96985	95609	98000	96865	1.24	cps
Cadmium	106-1	87643	87315	87408	87455	0.19	cps
Cadmium	108-1	59125	57878	59247	58750	1.29	cps
Cadmium	111-1	813513	812250	818984	814916	0.44	cps
Calcium	43-1	976928	993800	983033	984587	0.87	cps
Calcium	44-1	15906376	16223492	16016034	16048634	1.00	cps
Chromium	52-2	554768	559615	555628	556670	0.46	cps
Cobalt	59-2	1095638	1090869	1087245	1091251	0.39	cps
Copper	63-2	1881019	1848623	1848771	1859471	1.00	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-2	0	10	3	4	114.60	cps
Erbium	164-1	0	8	25	11	114.58	cps
Gadolinium	160-1	50	92	58	67	33.07	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	4676058	4629497	4632870	4646142	0.56	cps
Holmium	165-2	1595009	1598861	1630288	1608053	1.20	cps
Indium	115-1	4311234	4263615	4343670	4306173	0.94	cps
Indium	115-2	304833	312109	316946	311296	1.96	cps
Iron	56-2	19818616	19915566	19667743	19800641	0.63	cps
Iron	57-2	498460	496437	494393	496430	0.41	cps
Krypton	83-1	923	1027	1033	995	6.20	cps
Lead	206-1	1634346	1664055	1616302	1638234	1.47	cps
Lead	207-1	1467502	1493186	1463720	1474803	1.09	cps
Lead	208-1	6679953	6792396	6644992	6705780	1.15	cps
Lithium	6-1	1102825	1102546	1116588	1107320	0.72	cps
Magnesium	24-2	2238173	2255800	2224728	2239567	0.70	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	354373	353444	351103	352973	0.48	cps
Molybdenum	94-1	6200600	6193409	6149529	6181179	0.45	cps
Molybdenum	95-1	7677840	7698816	7577829	7651495	0.84	cps
Molybdenum	96-1	8488580	8498672	8390713	8459322	0.70	cps
Molybdenum	97-1	4753645	4731830	4735117	4740197	0.25	cps
Molybdenum	98-1	12073756	12174819	12111967	12120181	0.42	cps
Neodymium	150-1	187	207	167	187	10.72	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	329255	324768	325233	326418	0.76	cps
Phosphorus	31-2	8169	8403	8895	8489	4.36	cps
Potassium	39-2	668409	657362	655812	660528	1.04	cps
Rhodium	103-1	4266499	4257043	4277132	4266891	0.24	cps
Rhodium	103-2	1503863	1512960	1541790	1519538	1.30	cps
Scandium	45-1	3332857	3379348	3396206	3369471	0.97	cps
Scandium	45-2	39539	40973	40542	40351	1.82	cps
Selenium	77-2	633	617	623	624	1.34	cps
Selenium	78-2	1958	2078	2076	2037	3.39	cps
Selenium	82-1	59146	58806	58750	58901	0.36	cps
Silicon	28-1	2338336	2371180	2393599	2367705	1.17	cps
Silver	109-1	3687293	3651156	3655253	3664567	0.54	cps
Silver	107-1	3878553	3823713	3878356	3860208	0.82	cps
Sodium	23-2	4871977	4914118	4890296	4892130	0.43	cps
Strontium	86-1	967069	971735	968488	969097	0.25	cps
Strontium	88-1	8281178	8286880	8234682	8267580	0.35	cps
Sulfur	34-1	908935	900783	884045	897921	1.41	cps
Terbium	159-1	4919316	4983733	4885017	4929356	1.02	cps
Terbium	159-2	1637792	1645322	1667410	1650175	0.93	cps
Thallium	203-1	2072776	2067400	2087264	2075813	0.49	cps
Thallium	205-1	4930152	4919172	4831439	4893588	1.11	cps
Thorium	232-1	6541178	6560939	6545947	6549354	0.16	cps
Tin	118-1	2257157	2276556	2244078	2259264	0.72	cps
Titanium	47-1	2443571	2443980	2439873	2442474	0.09	cps
Uranium	238-1	6046048	6128295	6095510	6089951	0.68	cps
Vanadium	51-2	407082	404906	402648	404879	0.55	cps
Yttrium	89-1	4973252	5008789	4955764	4979268	0.54	cps
Yttrium	89-2	242230	246654	250403	246429	1.66	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	PB114400BS	Instrumnet Name :	P8
Client Sample ID :	PB114400BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:13:21	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206506	208278	207548	207444	0.43	cps
Zirconium	90-1	5181988	5233155	5192887	5202677	0.52	cps
Zirconium	91-1	1145169	1169263	1143476	1152636	1.25	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	268	298	266	12.24	cps
Antimony	121-1	129517	120120	128212	125950	4.04	cps
Arsenic	75-2	72	83	76	77	7.33	cps
Barium	135-1	4918	4393	4243	4518	7.85	cps
Barium	137-1	8045	7911	7461	7805	3.92	cps
Beryllium	9-1	144	200	233	193	23.32	cps
Bismuth	209-1	2658726	2702178	2614799	2658568	1.64	cps
Bismuth	209-2	1058592	1053699	1045067	1052453	0.65	cps
Boron	11-1	7586	7586	7569	7580	0.13	cps
Boron	10-1	1533	1450	1625	1536	5.70	cps
Cadmium	106-1	1092	983	1050	1042	5.25	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	814	749	767	776	4.32	cps
Calcium	43-1	28622	29532	29265	29139	1.61	cps
Calcium	44-1	486553	492375	491012	489980	0.62	cps
Chromium	52-2	1894	1737	1733	1788	5.11	cps
Cobalt	59-2	233	180	230	214	13.93	cps
Copper	63-2	5951	6041	5928	5974	1.00	cps
Dysprosium	156-1	317	592	542	483	30.31	cps
Dysprosium	156-2	157	147	197	167	15.87	cps
Erbium	164-2	163	153	153	157	3.69	cps
Erbium	164-1	433	450	492	458	6.55	cps
Gadolinium	160-1	492	492	617	533	13.53	cps
Gadolinium	160-2	267	243	213	241	11.09	cps
Holmium	165-1	4140217	4183936	4133428	4152527	0.66	cps
Holmium	165-2	1352686	1332486	1349733	1344968	0.81	cps
Indium	115-1	4461231	4405959	4291888	4386360	1.97	cps
Indium	115-2	292541	290260	289721	290841	0.51	cps
Iron	56-2	8820	8798	8614	8744	1.29	cps
Iron	57-2	167	294	233	231	27.61	cps
Krypton	83-1	950	1060	983	998	5.65	cps
Lead	206-1	1900	1400	1083	1461	28.18	cps
Lead	207-1	1722	1261	1150	1378	22.02	cps
Lead	208-1	7590	5717	4784	6030	23.70	cps
Lithium	6-1	2052612	2074301	1986481	2037798	2.24	cps
Magnesium	24-2	19965	19130	18588	19227	3.61	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3854	4021	4054	3976	2.70	cps
Molybdenum	94-1	492	508	475	492	3.39	cps
Molybdenum	95-1	483	408	558	483	15.52	cps
Molybdenum	96-1	483	692	625	600	17.73	cps
Molybdenum	97-1	617	650	525	597	10.84	cps
Molybdenum	98-1	842	875	667	795	14.09	cps
Neodymium	150-1	867	900	900	889	2.16	cps
Neodymium	150-2	187	173	213	191	10.66	cps
Nickel	60-2	223	183	270	226	19.23	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	26309	25866	25073	25749	2.43	cps
Rhodium	103-1	3956162	3931878	3852777	3913606	1.38	cps
Rhodium	103-2	1379431	1383588	1386858	1383292	0.27	cps
Scandium	45-1	2977094	2992112	2884189	2951131	1.98	cps
Scandium	45-2	34706	34663	34349	34573	0.56	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	-19	-64	-39	-41	-55.02	cps
Silicon	28-1	12756055	12477583	12422482	12552040	1.42	cps
Silver	109-1	19907	15067	12982	15985	22.23	cps
Silver	107-1	20391	16052	13766	16736	20.11	cps
Sodium	23-2	260943	258634	252654	257410	1.66	cps
Strontium	86-1	38531	38647	37745	38308	1.28	cps
Strontium	88-1	325058	317267	321980	321435	1.22	cps
Sulfur	34-1	609097	585004	567413	587171	3.56	cps
Terbium	159-1	4448302	4381028	4354051	4394460	1.10	cps
Terbium	159-2	1355108	1340953	1367097	1354386	0.97	cps
Thallium	203-1	217	142	200	186	21.16	cps
Thallium	205-1	575	358	517	483	23.20	cps
Thorium	232-1	539	478	539	519	6.81	cps
Tin	118-1	6652	5293	4935	5626	16.10	cps
Titanium	47-1	758	692	600	683	11.63	cps
Uranium	238-1	133	117	125	125	6.67	cps
Vanadium	51-2	107	120	133	120	11.11	cps
Yttrium	89-1	4479092	4399785	4353286	4410721	1.44	cps
Yttrium	89-2	212668	210111	209925	210901	0.73	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01	Instrumnet Name :	P8
Client Sample ID :	S37-0008	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:30:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1867	1907	1917	1897	1.40	cps
Zirconium	90-1	500	492	500	497	0.97	cps
Zirconium	91-1	100	108	133	114	15.23	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	255	268	276	9.43	cps
Antimony	121-1	172907	179889	180430	177742	2.36	cps
Arsenic	75-2	80	83	85	83	3.42	cps
Barium	135-1	4526	4634	4384	4515	2.78	cps
Barium	137-1	8145	8478	8436	8353	2.18	cps
Beryllium	9-1	211	233	200	215	7.90	cps
Bismuth	209-1	2540910	2559282	2120561	2406918	10.31	cps
Bismuth	209-2	1036004	1008673	1027153	1023943	1.36	cps
Boron	11-1	5776	5843	5568	5729	2.50	cps
Boron	10-1	1358	1083	1133	1192	12.29	cps
Cadmium	106-1	917	1008	867	931	7.72	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Cadmium	111-1	655	740	638	678	8.10	cps
Calcium	43-1	28371	28188	27979	28179	0.70	cps
Calcium	44-1	477887	476344	479377	477869	0.32	cps
Chromium	52-2	1773	1720	1737	1743	1.57	cps
Cobalt	59-2	303	287	290	293	3.01	cps
Copper	63-2	6245	6562	6115	6307	3.64	cps
Dysprosium	156-1	467	533	508	503	6.70	cps
Dysprosium	156-2	260	193	187	213	19.01	cps
Erbium	164-2	170	197	123	163	22.72	cps
Erbium	164-1	417	367	533	439	19.49	cps
Gadolinium	160-1	592	500	550	547	8.39	cps
Gadolinium	160-2	267	223	247	246	8.83	cps
Holmium	165-1	3995968	4133350	3321948	3817089	11.38	cps
Holmium	165-2	1336617	1281430	1318265	1312104	2.14	cps
Indium	115-1	4087979	4187218	3326285	3867161	12.18	cps
Indium	115-2	280236	264719	276123	273693	2.94	cps
Iron	56-2	8847	8758	8392	8666	2.79	cps
Iron	57-2	217	244	239	233	6.30	cps
Krypton	83-1	913	897	943	918	2.58	cps
Lead	206-1	744	650	689	694	6.84	cps
Lead	207-1	728	600	556	628	14.24	cps
Lead	208-1	3061	2572	2689	2774	9.20	cps
Lithium	6-1	1556679	1550094	1359238	1488670	7.53	cps
Magnesium	24-2	19197	18629	18471	18766	2.03	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3671	3787	3691	3716	1.68	cps
Molybdenum	94-1	350	383	333	356	7.16	cps
Molybdenum	95-1	400	400	217	339	31.23	cps
Molybdenum	96-1	342	433	517	431	20.33	cps
Molybdenum	97-1	333	400	425	386	12.27	cps
Molybdenum	98-1	525	533	550	536	2.37	cps
Neodymium	150-1	753	733	807	765	4.96	cps
Neodymium	150-2	187	187	160	178	8.66	cps
Nickel	60-2	330	290	287	302	7.98	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	22619	22118	21325	22021	2.96	cps
Rhodium	103-1	3687412	3830091	3012912	3510138	12.43	cps
Rhodium	103-2	1398316	1327093	1381289	1368899	2.72	cps
Scandium	45-1	2759306	2775008	2274988	2603100	10.92	cps
Scandium	45-2	34767	32434	33046	33415	3.62	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	4	4	13	7	78.78	cps
Selenium	82-1	-20	42	0	7	426.88	cps
Silicon	28-1	11631760	11564834	11808376	11668324	1.08	cps
Silver	109-1	8553	7502	7327	7794	8.51	cps
Silver	107-1	8661	8195	7277	8044	8.75	cps
Sodium	23-2	247949	246746	242067	245587	1.27	cps
Strontium	86-1	36985	37778	38397	37720	1.88	cps
Strontium	88-1	314117	319538	318749	317468	0.92	cps
Sulfur	34-1	496996	487854	479995	488282	1.74	cps
Terbium	159-1	4239378	4411070	3553027	4067825	11.16	cps
Terbium	159-2	1361458	1289536	1326969	1325988	2.71	cps
Thallium	203-1	133	67	183	128	45.81	cps
Thallium	205-1	300	300	275	292	4.95	cps
Thorium	232-1	167	206	150	174	16.38	cps
Tin	118-1	3617	3209	3426	3417	5.98	cps
Titanium	47-1	667	667	742	692	6.26	cps
Uranium	238-1	183	100	158	147	29.04	cps
Vanadium	51-2	143	103	137	128	16.77	cps
Yttrium	89-1	4184488	4252283	3378026	3938266	12.35	cps
Yttrium	89-2	208600	195593	202846	202347	3.22	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01DUP	Instrumnet Name :	P8
Client Sample ID :	S37-0008DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:34:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1460	1607	1613	1560	5.56	cps
Zirconium	90-1	467	392	358	406	13.68	cps
Zirconium	91-1	125	117	92	111	15.61	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	110	73	88	21.98	cps
Antimony	121-1	36752	35941	34805	35833	2.73	cps
Arsenic	75-2	20	17	26	21	22.21	cps
Barium	135-1	950	983	850	928	7.48	cps
Barium	137-1	1617	1592	1634	1614	1.30	cps
Beryllium	9-1	250	161	139	183	32.07	cps
Bismuth	209-1	2581013	2597848	2601755	2593539	0.42	cps
Bismuth	209-2	1070583	1068438	1081836	1073619	0.67	cps
Boron	11-1	2150	2084	2242	2159	3.68	cps
Boron	10-1	383	442	458	428	9.21	cps
Cadmium	106-1	1125	1083	1158	1122	3.35	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Cadmium	111-1	795	766	822	794	3.52	cps
Calcium	43-1	6135	5676	6352	6054	5.69	cps
Calcium	44-1	127879	128409	125876	127388	1.05	cps
Chromium	52-2	1257	1380	1270	1302	5.20	cps
Cobalt	59-2	120	87	110	106	16.20	cps
Copper	63-2	3434	3327	3247	3336	2.81	cps
Dysprosium	156-1	158	108	67	111	41.31	cps
Dysprosium	156-2	47	37	33	39	17.85	cps
Erbium	164-2	20	30	27	26	19.92	cps
Erbium	164-1	117	58	92	89	32.92	cps
Gadolinium	160-1	158	100	208	156	34.85	cps
Gadolinium	160-2	40	40	57	46	21.13	cps
Holmium	165-1	4276715	4261987	4285560	4274754	0.28	cps
Holmium	165-2	1403732	1407863	1422661	1411419	0.71	cps
Indium	115-1	4053390	4082324	4041589	4059101	0.52	cps
Indium	115-2	284773	282882	281047	282901	0.66	cps
Iron	56-2	3917	3906	4051	3958	2.03	cps
Iron	57-2	150	122	100	124	20.19	cps
Krypton	83-1	947	940	893	927	3.14	cps
Lead	206-1	233	222	217	224	3.79	cps
Lead	207-1	150	228	200	193	20.46	cps
Lead	208-1	789	939	878	869	8.69	cps
Lithium	6-1	957385	972822	1008611	979606	2.68	cps
Magnesium	24-2	3851	4109	4067	4009	3.46	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	867	733	897	832	10.45	cps
Molybdenum	94-1	233	208	250	231	9.09	cps
Molybdenum	95-1	117	75	125	106	25.38	cps
Molybdenum	96-1	125	217	200	181	27.04	cps
Molybdenum	97-1	158	158	217	178	18.95	cps
Molybdenum	98-1	208	183	175	189	9.18	cps
Neodymium	150-1	167	180	233	193	18.25	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	140	97	110	116	19.21	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	8786	9187	9562	9178	4.23	cps
Rhodium	103-1	4086630	4009843	4026240	4040904	1.00	cps
Rhodium	103-2	1479972	1470464	1461232	1470556	0.64	cps
Scandium	45-1	2981261	2988740	2998281	2989427	0.29	cps
Scandium	45-2	36177	35405	35692	35758	1.09	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	13	-14	15	5	353.30	cps
Silicon	28-1	2703555	2668793	2712723	2695024	0.86	cps
Silver	109-1	3151	2717	2775	2881	8.16	cps
Silver	107-1	3209	3050	2925	3062	4.64	cps
Sodium	23-2	62337	61191	61316	61615	1.02	cps
Strontium	86-1	8862	9145	8745	8917	2.31	cps
Strontium	88-1	66655	66128	64127	65637	2.03	cps
Sulfur	34-1	484310	487367	486414	486030	0.32	cps
Terbium	159-1	4509436	4548047	4563621	4540368	0.61	cps
Terbium	159-2	1425756	1415137	1420758	1420550	0.37	cps
Thallium	203-1	100	100	100	100	0.01	cps
Thallium	205-1	175	175	117	156	21.65	cps
Thorium	232-1	67	44	111	74	45.82	cps
Tin	118-1	508	367	383	419	18.46	cps
Titanium	47-1	367	333	325	342	6.45	cps
Uranium	238-1	100	142	108	117	18.90	cps
Vanadium	51-2	73	37	43	51	38.21	cps
Yttrium	89-1	4478592	4423599	4470418	4457536	0.67	cps
Yttrium	89-2	221573	218517	220041	220044	0.69	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01LX5	Instrumnet Name :	P8
Client Sample ID :	S37-0008L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-01 15:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	393	400	347	380	7.65	cps
Zirconium	90-1	342	392	475	403	16.72	cps
Zirconium	91-1	58	92	100	83	26.45	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75718	74728	73758	74735	1.31	cps
Antimony	121-1	3051071	3082414	3180880	3104788	2.18	cps
Arsenic	75-2	59044	59091	57724	58619	1.32	cps
Barium	135-1	2880624	2945591	3006084	2944099	2.13	cps
Barium	137-1	4958163	5084396	5117483	5053347	1.66	cps
Beryllium	9-1	567021	567977	564982	566660	0.27	cps
Bismuth	209-1	2510296	2583600	2585805	2559900	1.68	cps
Bismuth	209-2	1020472	1013115	1012800	1015462	0.43	cps
Boron	11-1	368033	373926	380875	374278	1.72	cps
Boron	10-1	72701	75792	79311	75935	4.36	cps
Cadmium	106-1	71699	73401	72446	72516	1.18	cps
Cadmium	108-1	49905	50181	50713	50266	0.82	cps
Cadmium	111-1	685960	686593	707195	693249	1.74	cps
Calcium	43-1	786881	796859	793135	792292	0.64	cps
Calcium	44-1	12675921	12876613	12761540	12771358	0.79	cps
Chromium	52-2	458104	456749	455441	456764	0.29	cps
Cobalt	59-2	926989	920388	916376	921251	0.58	cps
Copper	63-2	1618755	1623680	1614054	1618830	0.30	cps
Dysprosium	156-1	542	592	592	575	5.02	cps
Dysprosium	156-2	220	137	200	186	23.45	cps
Erbium	164-2	183	157	127	156	18.23	cps
Erbium	164-1	533	525	450	503	9.13	cps
Gadolinium	160-1	700	542	508	583	17.56	cps
Gadolinium	160-2	237	223	267	242	9.16	cps
Holmium	165-1	4166399	4393045	4293145	4284196	2.65	cps
Holmium	165-2	1369838	1356576	1364302	1363572	0.49	cps
Indium	115-1	3940867	3995438	4020888	3985731	1.03	cps
Indium	115-2	258900	256966	256548	257471	0.49	cps
Iron	56-2	15827833	15788390	15693938	15770054	0.44	cps
Iron	57-2	400614	396215	395833	397554	0.67	cps
Krypton	83-1	957	973	943	958	1.57	cps
Lead	206-1	1469784	1516845	1522829	1503153	1.93	cps
Lead	207-1	1282116	1327971	1329524	1313204	2.05	cps
Lead	208-1	5976078	6115193	6125037	6072103	1.37	cps
Lithium	6-1	1350933	1359682	1296630	1335748	2.56	cps
Magnesium	24-2	1808307	1807598	1776034	1797313	1.03	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	285668	282773	277628	282023	1.44	cps
Molybdenum	94-1	5155066	5248944	5218873	5207628	0.92	cps
Molybdenum	95-1	6411419	6460466	6448234	6440039	0.40	cps
Molybdenum	96-1	7194489	7162994	7194637	7184040	0.25	cps
Molybdenum	97-1	4019275	4020643	4039988	4026635	0.29	cps
Molybdenum	98-1	10247342	10276344	10246506	10256731	0.17	cps
Neodymium	150-1	993	887	827	902	9.36	cps
Neodymium	150-2	173	177	147	166	9.93	cps
Nickel	60-2	281067	278522	278214	279267	0.56	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	521698	517440	507821	515653	1.38	cps
Rhodium	103-1	3704860	3783551	3720689	3736367	1.11	cps
Rhodium	103-2	1348793	1346609	1330990	1342131	0.72	cps
Scandium	45-1	2743663	2774118	2741746	2753176	0.66	cps
Scandium	45-2	33694	33393	32494	33194	1.88	cps
Selenium	77-2	450	503	477	477	5.59	cps
Selenium	78-2	1574	1526	1548	1549	1.56	cps
Selenium	82-1	48301	49364	48913	48859	1.09	cps
Silicon	28-1	12732289	12684406	12817648	12744781	0.53	cps
Silver	109-1	3053653	3053324	3062438	3056472	0.17	cps
Silver	107-1	3188649	3266434	3235731	3230271	1.21	cps
Sodium	23-2	4132976	4107905	4098095	4112992	0.44	cps
Strontium	86-1	841100	865487	852292	852960	1.43	cps
Strontium	88-1	7199671	7377631	7345594	7307632	1.30	cps
Sulfur	34-1	519385	525811	518806	521334	0.75	cps
Terbium	159-1	4514580	4617236	4651841	4594552	1.55	cps
Terbium	159-2	1370271	1362311	1364043	1365542	0.31	cps
Thallium	203-1	1836882	1944357	1913668	1898302	2.92	cps
Thallium	205-1	4445473	4544543	4569446	4519821	1.45	cps
Thorium	232-1	1128	1145	1117	1130	1.24	cps
Tin	118-1	1910837	1937639	1965632	1938036	1.41	cps
Titanium	47-1	1924462	1957132	1946889	1942828	0.86	cps
Uranium	238-1	5522207	5777785	5797218	5699070	2.69	cps
Vanadium	51-2	332268	331317	322159	328581	1.70	cps
Yttrium	89-1	4250465	4282893	4278306	4270554	0.41	cps
Yttrium	89-2	199331	197395	196456	197727	0.74	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-02	Instrumnet Name :	P8
Client Sample ID :	S37-0008MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:41:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	166563	165579	164800	165647	0.53	cps
Zirconium	90-1	4346911	4461305	4389772	4399329	1.31	cps
Zirconium	91-1	960355	977222	971943	969840	0.89	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73366	72582	72076	72675	0.89	cps
Antimony	121-1	3063638	3057778	3117613	3079676	1.07	cps
Arsenic	75-2	58056	58494	58250	58267	0.38	cps
Barium	135-1	2923085	2896648	2963973	2927902	1.16	cps
Barium	137-1	4927458	5044505	5090244	5020736	1.67	cps
Beryllium	9-1	548839	555065	545050	549651	0.92	cps
Bismuth	209-1	2579551	2658657	2629000	2622403	1.52	cps
Bismuth	209-2	1032820	1024036	1019393	1025416	0.67	cps
Boron	11-1	360009	369147	374248	367801	1.96	cps
Boron	10-1	74946	76429	77912	76429	1.94	cps
Cadmium	106-1	75338	72731	73903	73991	1.76	cps
Cadmium	108-1	50482	49654	50512	50216	0.97	cps
Cadmium	111-1	689923	693974	695154	693017	0.40	cps
Calcium	43-1	806690	804589	804667	805316	0.15	cps
Calcium	44-1	12991968	12994800	12955909	12980892	0.17	cps
Chromium	52-2	450619	452857	448543	450673	0.48	cps
Cobalt	59-2	914720	907577	913230	911842	0.41	cps
Copper	63-2	1590325	1613748	1587972	1597348	0.89	cps
Dysprosium	156-1	600	533	458	531	13.36	cps
Dysprosium	156-2	187	177	200	188	6.24	cps
Erbium	164-2	137	167	107	137	21.95	cps
Erbium	164-1	667	550	608	608	9.59	cps
Gadolinium	160-1	525	700	692	639	15.45	cps
Gadolinium	160-2	247	280	253	260	6.79	cps
Holmium	165-1	4404688	4393808	4480848	4426448	1.07	cps
Holmium	165-2	1363570	1372876	1350655	1362367	0.82	cps
Indium	115-1	3921666	3932209	3999604	3951160	1.07	cps
Indium	115-2	256623	249345	252029	252665	1.46	cps
Iron	56-2	15559351	15522159	15405231	15495580	0.52	cps
Iron	57-2	391776	391407	391929	391704	0.07	cps
Krypton	83-1	977	933	957	956	2.27	cps
Lead	206-1	1527560	1538068	1533221	1532950	0.34	cps
Lead	207-1	1338183	1346507	1355865	1346852	0.66	cps
Lead	208-1	6191397	6223919	6273806	6229707	0.67	cps
Lithium	6-1	1161658	1142597	1137830	1147362	1.10	cps
Magnesium	24-2	1769958	1758585	1748047	1758863	0.62	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	278476	274481	276078	276345	0.73	cps
Molybdenum	94-1	5155787	5322505	5268423	5248905	1.62	cps
Molybdenum	95-1	6355969	6500858	6477935	6444920	1.21	cps
Molybdenum	96-1	7124208	7210043	7284310	7206187	1.11	cps
Molybdenum	97-1	4039092	4046944	4055731	4047256	0.21	cps
Molybdenum	98-1	10228287	10321195	10351402	10300295	0.62	cps
Neodymium	150-1	1073	833	1087	998	14.29	cps
Neodymium	150-2	153	193	187	178	12.05	cps
Nickel	60-2	275960	275834	273589	275128	0.48	cps
Phosphorus	31-2	25	42	0	22	94.38	cps
Potassium	39-2	502350	502974	497678	501001	0.58	cps
Rhodium	103-1	3798118	3772960	3758730	3776603	0.53	cps
Rhodium	103-2	1347327	1307934	1332847	1329369	1.50	cps
Scandium	45-1	2757166	2770267	2750569	2759334	0.36	cps
Scandium	45-2	31873	32144	31933	31983	0.44	cps
Selenium	77-2	460	477	440	459	4.00	cps
Selenium	78-2	1446	1485	1558	1496	3.77	cps
Selenium	82-1	48285	48876	49072	48744	0.84	cps
Silicon	28-1	12430484	12450499	12442160	12441048	0.08	cps
Silver	109-1	3051550	3047322	3051660	3050177	0.08	cps
Silver	107-1	3201921	3217940	3231880	3217247	0.47	cps
Sodium	23-2	4052434	4023509	4034084	4036676	0.36	cps
Strontium	86-1	846379	846042	852583	848335	0.43	cps
Strontium	88-1	7221897	7202397	7377530	7267275	1.32	cps
Sulfur	34-1	497390	497592	494315	496432	0.37	cps
Terbium	159-1	4610932	4669035	4774525	4684831	1.77	cps
Terbium	159-2	1374817	1367593	1366845	1369752	0.32	cps
Thallium	203-1	1930211	1961503	1950250	1947321	0.81	cps
Thallium	205-1	4592212	4641925	4653882	4629339	0.71	cps
Thorium	232-1	750	828	845	807	6.24	cps
Tin	118-1	1927547	1945050	1931930	1934843	0.47	cps
Titanium	47-1	1894169	1910836	1896274	1900426	0.48	cps
Uranium	238-1	5782043	5896086	5912295	5863474	1.21	cps
Vanadium	51-2	321003	323107	323638	322582	0.43	cps
Yttrium	89-1	4214229	4334069	4417013	4321770	2.36	cps
Yttrium	89-2	197004	195161	197598	196588	0.65	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-03	Instrumnet Name :	P8
Client Sample ID :	S37-0008MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	165059	165780	165439	165426	0.22	cps
Zirconium	90-1	4330346	4393088	4458046	4393827	1.45	cps
Zirconium	91-1	965649	978523	983368	975847	0.94	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73122	71745	72948	72605	1.03	cps
Antimony	121-1	3170973	3172838	3167603	3170471	0.08	cps
Arsenic	75-2	59271	58848	57934	58684	1.16	cps
Barium	135-1	3005520	3055855	3058363	3039913	0.98	cps
Barium	137-1	5167995	5224854	5206057	5199635	0.56	cps
Beryllium	9-1	554058	552674	555721	554151	0.28	cps
Bismuth	209-1	2688885	2694241	2674018	2685715	0.39	cps
Bismuth	209-2	1042847	1041438	1037702	1040662	0.26	cps
Boron	11-1	365063	371628	378956	371883	1.87	cps
Boron	10-1	75490	76747	76420	76219	0.86	cps
Cadmium	106-1	74759	75461	76685	75635	1.29	cps
Cadmium	108-1	51891	50858	52092	51614	1.28	cps
Cadmium	111-1	709462	720031	719319	716271	0.82	cps
Calcium	43-1	795222	809783	803952	802985	0.91	cps
Calcium	44-1	12855867	12895339	12873413	12874873	0.15	cps
Chromium	52-2	457386	453354	451694	454144	0.64	cps
Cobalt	59-2	926954	913661	916654	919090	0.76	cps
Copper	63-2	1612910	1622431	1608675	1614672	0.44	cps
Dysprosium	156-1	533	558	575	556	3.77	cps
Dysprosium	156-2	213	250	243	236	8.29	cps
Erbium	164-2	177	103	153	144	25.94	cps
Erbium	164-1	433	467	550	483	12.43	cps
Gadolinium	160-1	608	750	700	686	10.47	cps
Gadolinium	160-2	210	260	217	229	11.86	cps
Holmium	165-1	4485558	4484287	4514406	4494750	0.38	cps
Holmium	165-2	1382125	1368223	1382293	1377547	0.59	cps
Indium	115-1	3918020	3990038	3952806	3953621	0.91	cps
Indium	115-2	251097	247705	249130	249311	0.68	cps
Iron	56-2	15490267	15634438	15668975	15597893	0.61	cps
Iron	57-2	394994	388517	391226	391579	0.83	cps
Krypton	83-1	1020	1000	1043	1021	2.12	cps
Lead	206-1	1553175	1595472	1618105	1588918	2.07	cps
Lead	207-1	1366547	1398986	1400495	1388676	1.38	cps
Lead	208-1	6324440	6469535	6498303	6430759	1.45	cps
Lithium	6-1	1072013	1045457	1055412	1057627	1.27	cps
Magnesium	24-2	1762299	1741885	1737558	1747247	0.76	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273816	275483	274812	274704	0.31	cps
Molybdenum	94-1	5276658	5402819	5382073	5353850	1.26	cps
Molybdenum	95-1	6518801	6687126	6650617	6618848	1.34	cps
Molybdenum	96-1	7212407	7312183	7338442	7287678	0.91	cps
Molybdenum	97-1	4028367	4107153	4139289	4091603	1.39	cps
Molybdenum	98-1	10341346	10466034	10487668	10431683	0.76	cps
Neodymium	150-1	1093	940	1107	1047	8.85	cps
Neodymium	150-2	170	177	173	173	1.92	cps
Nickel	60-2	276308	280125	278231	278221	0.69	cps
Phosphorus	31-2	0	17	33	17	100.00	cps
Potassium	39-2	505553	497350	501323	501409	0.82	cps
Rhodium	103-1	3742165	3824254	3767786	3778068	1.11	cps
Rhodium	103-2	1344038	1323263	1337747	1335016	0.80	cps
Scandium	45-1	2733198	2736218	2710162	2726526	0.52	cps
Scandium	45-2	32391	31893	31723	32002	1.09	cps
Selenium	77-2	490	537	463	497	7.47	cps
Selenium	78-2	1617	1537	1569	1574	2.55	cps
Selenium	82-1	48747	49407	50188	49447	1.46	cps
Silicon	28-1	12392528	12494319	12393596	12426814	0.47	cps
Silver	109-1	3085200	3134219	3123090	3114170	0.83	cps
Silver	107-1	3271478	3340926	3337436	3316613	1.18	cps
Sodium	23-2	4092001	4083500	4031443	4068981	0.81	cps
Strontium	86-1	861461	873699	867295	867485	0.71	cps
Strontium	88-1	7241478	7437425	7373773	7350892	1.36	cps
Sulfur	34-1	493715	488058	487071	489615	0.73	cps
Terbium	159-1	4716915	4827790	4719531	4754745	1.33	cps
Terbium	159-2	1376731	1378049	1374553	1376444	0.13	cps
Thallium	203-1	1967138	2030435	2033322	2010298	1.86	cps
Thallium	205-1	4659373	4783081	4837285	4759913	1.92	cps
Thorium	232-1	856	839	800	832	3.43	cps
Tin	118-1	1971732	1991237	1975466	1979478	0.52	cps
Titanium	47-1	1931594	1929361	1931492	1930816	0.07	cps
Uranium	238-1	6005759	6036387	6102625	6048257	0.82	cps
Vanadium	51-2	327463	324805	323341	325203	0.64	cps
Yttrium	89-1	4280375	4290578	4288529	4286494	0.13	cps
Yttrium	89-2	194910	194309	195376	194865	0.27	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-01A	Instrumnet Name :	P8
Client Sample ID :	S37-0008A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:47:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	165210	165136	163992	164779	0.41	cps
Zirconium	90-1	4388418	4479408	4483789	4450538	1.21	cps
Zirconium	91-1	973050	992632	1005325	990336	1.64	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	365	325	349	6.09	cps
Antimony	121-1	171007	167208	171200	169805	1.33	cps
Arsenic	75-2	643	569	620	611	6.23	cps
Barium	135-1	33017	32892	32466	32792	0.88	cps
Barium	137-1	56345	59451	57401	57733	2.74	cps
Beryllium	9-1	367	300	372	346	11.60	cps
Bismuth	209-1	2811716	2826301	2817692	2818570	0.26	cps
Bismuth	209-2	1059770	1068680	1064006	1064152	0.42	cps
Boron	11-1	14975	13857	13724	14185	4.84	cps
Boron	10-1	3125	3000	3025	3050	2.17	cps
Cadmium	106-1	1225	1167	1100	1164	5.37	cps
Cadmium	108-1	83	58	71	71	17.65	cps
Cadmium	111-1	1641	1572	1608	1607	2.15	cps
Calcium	43-1	30918	31553	31019	31163	1.10	cps
Calcium	44-1	522919	522881	524256	523352	0.15	cps
Chromium	52-2	2197	2010	2034	2080	4.89	cps
Cobalt	59-2	4127	3837	4151	4038	4.32	cps
Copper	63-2	7536	7662	7095	7431	4.00	cps
Dysprosium	156-1	1167	1317	1008	1164	13.25	cps
Dysprosium	156-2	327	307	287	307	6.52	cps
Erbium	164-2	273	297	323	298	8.40	cps
Erbium	164-1	942	958	1025	975	4.52	cps
Gadolinium	160-1	1058	1017	1108	1061	4.33	cps
Gadolinium	160-2	397	427	377	400	6.29	cps
Holmium	165-1	4495730	4536973	4527563	4520089	0.48	cps
Holmium	165-2	1357760	1346689	1347478	1350642	0.46	cps
Indium	115-1	4035637	4066329	4009485	4037150	0.70	cps
Indium	115-2	257636	254069	254809	255504	0.74	cps
Iron	56-2	586742	588293	588253	587762	0.15	cps
Iron	57-2	15420	14880	14908	15070	2.02	cps
Krypton	83-1	960	913	917	930	2.80	cps
Lead	206-1	6774	6997	7402	7058	4.51	cps
Lead	207-1	6141	5968	5557	5889	5.09	cps
Lead	208-1	27796	27073	27006	27292	1.60	cps
Lithium	6-1	993423	988079	976415	985972	0.88	cps
Magnesium	24-2	16076	17019	17178	16758	3.55	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6992	6295	6582	6623	5.29	cps
Molybdenum	94-1	833	833	683	783	11.06	cps
Molybdenum	95-1	1058	800	792	883	17.17	cps
Molybdenum	96-1	1258	1050	1083	1131	9.90	cps
Molybdenum	97-1	683	717	792	731	7.60	cps
Molybdenum	98-1	1500	1500	1242	1414	10.55	cps
Neodymium	150-1	1380	1553	1400	1445	6.57	cps
Neodymium	150-2	263	310	317	297	9.80	cps
Nickel	60-2	1073	1217	1070	1120	7.48	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	20683	20148	20007	20279	1.76	cps
Rhodium	103-1	3831069	3931299	3873938	3878769	1.30	cps
Rhodium	103-2	1374010	1362915	1360516	1365814	0.53	cps
Scandium	45-1	2688196	2672519	2684165	2681627	0.30	cps
Scandium	45-2	31562	31275	30390	31076	1.97	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-40	24	6	-4	-897.29	cps
Silicon	28-1	10405835	10439989	10375369	10407064	0.31	cps
Silver	109-1	3842	3376	3117	3445	10.67	cps
Silver	107-1	4601	3976	3276	3951	16.78	cps
Sodium	23-2	264743	259655	260077	261491	1.08	cps
Strontium	86-1	43203	43905	44958	44022	2.01	cps
Strontium	88-1	366979	373189	363822	367997	1.30	cps
Sulfur	34-1	479736	471134	468564	473144	1.24	cps
Terbium	159-1	4719465	4695082	4735137	4716561	0.43	cps
Terbium	159-2	1353983	1345709	1347483	1349058	0.32	cps
Thallium	203-1	542	325	375	414	27.41	cps
Thallium	205-1	983	825	717	842	15.94	cps
Thorium	232-1	144	106	111	120	17.47	cps
Tin	118-1	12623	11914	11731	12089	3.90	cps
Titanium	47-1	492	575	550	539	7.94	cps
Uranium	238-1	400	417	308	375	15.56	cps
Vanadium	51-2	223	277	300	267	14.74	cps
Yttrium	89-1	4265924	4340674	4303699	4303432	0.87	cps
Yttrium	89-2	193673	193196	192971	193280	0.19	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-04	Instrumnet Name :	P8
Client Sample ID :	S37-0006	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:50:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4658	4411	4574	4548	2.76	cps
Zirconium	90-1	842	800	792	811	3.30	cps
Zirconium	91-1	158	158	233	183	23.62	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4677	4537	4547	4587	1.70	cps
Antimony	121-1	153178	150684	153716	152526	1.06	cps
Arsenic	75-2	306	269	302	292	6.99	cps
Barium	135-1	210086	217006	217108	214734	1.87	cps
Barium	137-1	372648	375576	373663	373962	0.40	cps
Beryllium	9-1	561	567	544	557	2.08	cps
Bismuth	209-1	2732077	2736161	2696956	2721732	0.79	cps
Bismuth	209-2	1032585	1017827	1039471	1029961	1.07	cps
Boron	11-1	9512	9195	8311	9006	6.91	cps
Boron	10-1	1967	1892	1917	1925	1.98	cps
Cadmium	106-1	1142	1033	1167	1114	6.36	cps
Cadmium	108-1	17	46	8	24	83.40	cps
Cadmium	111-1	1021	916	1036	991	6.57	cps
Calcium	43-1	149944	152674	151897	151505	0.93	cps
Calcium	44-1	2495274	2543284	2547673	2528744	1.15	cps
Chromium	52-2	1680	1723	1793	1732	3.30	cps
Cobalt	59-2	51629	51465	51926	51673	0.45	cps
Copper	63-2	6979	6922	6829	6910	1.10	cps
Dysprosium	156-1	16687	17537	17404	17209	2.66	cps
Dysprosium	156-2	4941	4998	5004	4981	0.70	cps
Erbium	164-2	4354	4281	4491	4375	2.44	cps
Erbium	164-1	15310	15226	15618	15385	1.34	cps
Gadolinium	160-1	14918	15702	16636	15752	5.46	cps
Gadolinium	160-2	6108	6215	5925	6083	2.41	cps
Holmium	165-1	4448108	4530637	4431302	4470016	1.19	cps
Holmium	165-2	1338144	1334185	1356219	1342849	0.87	cps
Indium	115-1	3882725	3958255	3974003	3938328	1.24	cps
Indium	115-2	249057	250332	250504	249964	0.32	cps
Iron	56-2	4174613	4114926	4078197	4122579	1.18	cps
Iron	57-2	103045	101366	102071	102161	0.83	cps
Krypton	83-1	870	970	887	909	5.89	cps
Lead	206-1	3473	3362	3223	3352	3.74	cps
Lead	207-1	2934	2989	3128	3017	3.32	cps
Lead	208-1	13181	13887	12914	13327	3.77	cps
Lithium	6-1	895171	890997	888533	891567	0.38	cps
Magnesium	24-2	78132	76230	77193	77185	1.23	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	366156	361139	362882	363392	0.70	cps
Molybdenum	94-1	450	542	442	478	11.61	cps
Molybdenum	95-1	458	583	475	506	13.43	cps
Molybdenum	96-1	658	650	683	664	2.61	cps
Molybdenum	97-1	425	392	525	447	15.52	cps
Molybdenum	98-1	792	942	850	861	8.78	cps
Neodymium	150-1	19482	20804	21325	20537	4.63	cps
Neodymium	150-2	4154	4117	4264	4179	1.83	cps
Nickel	60-2	2100	2234	2284	2206	4.30	cps
Phosphorus	31-2	0	25	25	17	86.60	cps
Potassium	39-2	39807	38905	38403	39039	1.82	cps
Rhodium	103-1	3705039	3768638	3775506	3749727	1.04	cps
Rhodium	103-2	1327070	1327023	1340955	1331683	0.60	cps
Scandium	45-1	2611284	2676395	2646522	2644734	1.23	cps
Scandium	45-2	31318	30623	30928	30956	1.13	cps
Selenium	77-2	27	40	23	30	29.40	cps
Selenium	78-2	31	22	19	24	27.73	cps
Selenium	82-1	150	26	106	94	66.59	cps
Silicon	28-1	12365404	12170186	12296088	12277226	0.81	cps
Silver	109-1	2992	2834	2250	2692	14.51	cps
Silver	107-1	3217	2692	2650	2853	11.07	cps
Sodium	23-2	9385002	9444568	9373753	9401108	0.40	cps
Strontium	86-1	164016	159076	160390	161161	1.59	cps
Strontium	88-1	1379979	1387512	1380558	1382683	0.30	cps
Sulfur	34-1	471684	470441	466320	469482	0.60	cps
Terbium	159-1	4587895	4710710	4657083	4651896	1.32	cps
Terbium	159-2	1345244	1345367	1352305	1347639	0.30	cps
Thallium	203-1	333	342	258	311	14.75	cps
Thallium	205-1	742	750	658	717	7.07	cps
Thorium	232-1	106	72	117	98	23.57	cps
Tin	118-1	7102	7336	7211	7216	1.62	cps
Titanium	47-1	642	650	800	697	12.78	cps
Uranium	238-1	217	192	200	203	6.28	cps
Vanadium	51-2	123	120	127	123	2.70	cps
Yttrium	89-1	4562156	4622096	4594105	4592786	0.65	cps
Yttrium	89-2	208763	207551	208284	208199	0.29	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-05	Instrumnet Name :	P8
Client Sample ID :	S37-0003	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:54:17	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2050	1990	1727	1922	8.95	cps
Zirconium	90-1	417	517	525	486	12.40	cps
Zirconium	91-1	167	133	125	142	15.56	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450946	446722	453802	450490	0.79	cps
Antimony	121-1	3389350	3334878	3266610	3330279	1.85	cps
Arsenic	75-2	68552	69509	69805	69288	0.94	cps
Barium	135-1	3408697	3368212	3307943	3361617	1.51	cps
Barium	137-1	5872710	5892326	5684823	5816620	1.97	cps
Beryllium	9-1	698083	701881	678450	692805	1.82	cps
Bismuth	209-1	2777932	2841651	2791180	2803588	1.20	cps
Bismuth	209-2	1167625	1160611	1167088	1165108	0.34	cps
Boron	11-1	423331	437703	434667	431900	1.75	cps
Boron	10-1	85915	89059	87358	87444	1.80	cps
Cadmium	106-1	89052	85286	84340	86226	2.89	cps
Cadmium	108-1	58259	58657	57305	58073	1.20	cps
Cadmium	111-1	807717	801560	774810	794696	2.20	cps
Calcium	43-1	4576142	4552652	4414386	4514393	1.94	cps
Calcium	44-1	73670212	73788518	72337045	73265259	1.10	cps
Chromium	52-2	537065	541021	541492	539859	0.45	cps
Cobalt	59-2	1038465	1041862	1034088	1038139	0.38	cps
Copper	63-2	1720281	1732654	1734278	1729071	0.44	cps
Dysprosium	156-1	58	92	58	69	27.71	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-2	3	7	0	3	100.05	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	4774675	4953864	4778877	4835805	2.11	cps
Holmium	165-2	1578920	1559521	1571744	1570062	0.62	cps
Indium	115-1	4150851	4183648	4130973	4155158	0.64	cps
Indium	115-2	281124	282628	283892	282548	0.49	cps
Iron	56-2	88906713	88467196	89723591	89032500	0.72	cps
Iron	57-2	2238240	2266667	2278365	2261091	0.91	cps
Krypton	83-1	953	910	890	918	3.53	cps
Lead	206-1	1738291	1731564	1676237	1715364	1.99	cps
Lead	207-1	1549226	1548791	1489878	1529298	2.23	cps
Lead	208-1	7027289	7036380	6847932	6970534	1.52	cps
Lithium	6-1	851276	872071	850008	857785	1.44	cps
Magnesium	24-2	9569397	9520496	9671250	9587048	0.80	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	312947	312058	315172	313393	0.51	cps
Molybdenum	94-1	6150319	6156760	5965875	6090984	1.78	cps
Molybdenum	95-1	7608548	7619446	7267085	7498360	2.67	cps
Molybdenum	96-1	8419665	8447854	8165507	8344342	1.86	cps
Molybdenum	97-1	4808196	4746905	4554895	4703332	2.81	cps
Molybdenum	98-1	12198922	12243295	11699692	12047303	2.51	cps
Neodymium	150-1	213	233	213	220	5.25	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	315458	313549	312594	313867	0.46	cps
Phosphorus	31-2	8228	7602	7444	7758	5.34	cps
Potassium	39-2	2853555	2850288	2875267	2859703	0.47	cps
Rhodium	103-1	4069203	4226501	4070192	4121965	2.20	cps
Rhodium	103-2	1456553	1453655	1448347	1452852	0.29	cps
Scandium	45-1	3113272	3171872	3111458	3132201	1.10	cps
Scandium	45-2	36294	36350	36828	36491	0.81	cps
Selenium	77-2	557	570	510	546	5.77	cps
Selenium	78-2	1878	1754	1867	1833	3.75	cps
Selenium	82-1	56489	57489	55794	56591	1.51	cps
Silicon	28-1	2290434	2351613	2370850	2337632	1.80	cps
Silver	109-1	3567369	3557456	3469836	3531554	1.52	cps
Silver	107-1	3809642	3778293	3697477	3761804	1.54	cps
Sodium	23-2	21482479	21351953	21760183	21531538	0.97	cps
Strontium	86-1	957808	940802	942425	947012	0.99	cps
Strontium	88-1	8230483	8063216	8003030	8098910	1.46	cps
Sulfur	34-1	880863	883529	872541	878978	0.65	cps
Terbium	159-1	5034372	5114625	4962819	5037272	1.51	cps
Terbium	159-2	1564315	1551980	1564982	1560426	0.47	cps
Thallium	203-1	2193029	2186825	2124023	2167959	1.76	cps
Thallium	205-1	5183278	5114877	4973445	5090533	2.10	cps
Thorium	232-1	7182909	7087828	6910459	7060399	1.96	cps
Tin	118-1	2239019	2226624	2219966	2228537	0.43	cps
Titanium	47-1	2302887	2300671	2268504	2290687	0.84	cps
Uranium	238-1	6767646	6558472	6380749	6568956	2.95	cps
Vanadium	51-2	379216	378222	384004	380481	0.81	cps
Yttrium	89-1	4760244	4873769	4840801	4824938	1.21	cps
Yttrium	89-2	226579	224333	227440	226117	0.71	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 15:57:42	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	185128	186931	187221	186427	0.61	cps
Zirconium	90-1	5202635	5169503	5025643	5132594	1.83	cps
Zirconium	91-1	1151881	1152393	1117467	1140581	1.76	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 16:00:56 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	48	48	43	20.37	cps
Antimony	121-1	1517	1867	1992	1792	13.74	cps
Arsenic	75-2	19	24	17	20	19.50	cps
Barium	135-1	58	75	67	67	12.49	cps
Barium	137-1	158	75	158	131	36.85	cps
Beryllium	9-1	317	339	250	302	15.32	cps
Bismuth	209-1	2943973	2889024	2741904	2858300	3.66	cps
Bismuth	209-2	1203243	1200148	1200047	1201146	0.15	cps
Boron	11-1	9420	8653	7869	8647	8.97	cps
Boron	10-1	2017	1584	1659	1753	13.21	cps
Cadmium	106-1	1258	1317	1117	1231	8.36	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Cadmium	111-1	940	938	826	901	7.25	cps
Calcium	43-1	817	775	733	775	5.38	cps
Calcium	44-1	39682	39148	38187	39005	1.94	cps
Chromium	52-2	1113	1183	1180	1159	3.41	cps
Cobalt	59-2	83	93	70	82	14.24	cps
Copper	63-2	2204	2124	2110	2146	2.35	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	3	3	0	2	86.60	cps
Erbium	164-1	50	25	33	36	35.25	cps
Gadolinium	160-1	33	50	33	39	24.74	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	4794456	4751699	4404677	4650277	4.60	cps
Holmium	165-2	1517350	1529148	1522081	1522860	0.39	cps
Indium	115-1	4290264	4245953	4017199	4184472	3.50	cps
Indium	115-2	288450	287602	289281	288444	0.29	cps
Iron	56-2	3439	3512	3162	3371	5.48	cps
Iron	57-2	111	122	72	102	25.78	cps
Krypton	83-1	1050	970	1010	1010	3.96	cps
Lead	206-1	600	600	644	615	4.17	cps
Lead	207-1	550	661	522	578	12.72	cps
Lead	208-1	2700	2672	2645	2672	1.04	cps
Lithium	6-1	898362	909949	881607	896640	1.59	cps
Magnesium	24-2	358	442	383	394	10.84	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:00:56	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	70	83	62	41.62	cps
Molybdenum	94-1	742	767	658	722	7.85	cps
Molybdenum	95-1	967	700	817	828	16.15	cps
Molybdenum	96-1	1192	1000	967	1053	11.53	cps
Molybdenum	97-1	692	467	583	581	19.38	cps
Molybdenum	98-1	1383	1400	1150	1311	10.66	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	137	127	103	122	13.99	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	5851	5818	5935	5868	1.02	cps
Rhodium	103-1	4284410	4297399	4052144	4211317	3.28	cps
Rhodium	103-2	1509445	1509061	1506991	1508499	0.09	cps
Scandium	45-1	3121384	3076785	2920377	3039515	3.47	cps
Scandium	45-2	34132	35071	35689	34964	2.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-80	-10	-58	-49	-73.16	cps
Silicon	28-1	346941	340584	339394	342307	1.19	cps
Silver	109-1	842	742	850	811	7.43	cps
Silver	107-1	908	908	675	831	16.22	cps
Sodium	23-2	12906	12323	12548	12592	2.34	cps
Strontium	86-1	1417	1617	1508	1514	6.61	cps
Strontium	88-1	275	225	283	261	12.08	cps
Sulfur	34-1	586537	590773	594467	590592	0.67	cps
Terbium	159-1	4987290	4907650	4726426	4873788	2.74	cps
Terbium	159-2	1539021	1531329	1530356	1533569	0.31	cps
Thallium	203-1	733	558	533	608	17.91	cps
Thallium	205-1	1750	1767	1142	1553	22.94	cps
Thorium	232-1	511	422	439	457	10.33	cps
Tin	118-1	558	542	767	622	20.15	cps
Titanium	47-1	233	183	150	189	22.21	cps
Uranium	238-1	200	158	125	161	23.32	cps
Vanadium	51-2	20	37	37	31	30.93	cps
Yttrium	89-1	4815328	4725637	4418452	4653139	4.47	cps
Yttrium	89-2	222189	220806	223733	222243	0.66	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:00:56	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	133	87	110	110	21.21	cps
Zirconium	90-1	658	600	583	614	6.41	cps
Zirconium	91-1	200	183	167	183	9.09	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	493	465	528	495	6.33	cps
Antimony	121-1	158440	146607	146084	150377	4.65	cps
Arsenic	75-2	1322	1283	1324	1310	1.76	cps
Barium	135-1	15743	15068	15610	15474	2.31	cps
Barium	137-1	25684	24440	26269	25464	3.67	cps
Beryllium	9-1	222	206	256	228	11.18	cps
Bismuth	209-1	2711819	2791087	2770760	2757889	1.49	cps
Bismuth	209-2	1043847	1040635	1041912	1042131	0.16	cps
Boron	11-1	9662	9520	9253	9479	2.19	cps
Boron	10-1	1934	2092	1842	1956	6.47	cps
Cadmium	106-1	958	1108	1167	1078	9.97	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	711	821	854	795	9.42	cps
Calcium	43-1	119816	119288	120354	119819	0.44	cps
Calcium	44-1	2028728	1998281	1967149	1998053	1.54	cps
Chromium	52-2	2014	2097	1907	2006	4.75	cps
Cobalt	59-2	1087	1057	1037	1060	2.37	cps
Copper	63-2	6735	6919	7049	6901	2.28	cps
Dysprosium	156-1	50	50	17	39	49.48	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-2	17	30	10	19	53.91	cps
Erbium	164-1	67	67	42	58	24.74	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	4381921	4569115	4541186	4497407	2.25	cps
Holmium	165-2	1338532	1346555	1332334	1339140	0.53	cps
Indium	115-1	3995245	4166196	4107022	4089488	2.12	cps
Indium	115-2	248962	253086	249192	250413	0.93	cps
Iron	56-2	10683181	10744606	10654024	10693937	0.43	cps
Iron	57-2	268490	268738	270256	269161	0.36	cps
Krypton	83-1	927	903	867	899	3.37	cps
Lead	206-1	1984	1895	1972	1950	2.48	cps
Lead	207-1	1811	1789	1645	1748	5.18	cps
Lead	208-1	8240	7718	7623	7860	4.23	cps
Lithium	6-1	989615	960045	935922	961861	2.80	cps
Magnesium	24-2	90487	91200	89985	90557	0.67	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48725	48916	48143	48594	0.83	cps
Molybdenum	94-1	1817	1859	1634	1770	6.77	cps
Molybdenum	95-1	2750	2592	2867	2737	5.05	cps
Molybdenum	96-1	2925	3100	2884	2970	3.87	cps
Molybdenum	97-1	1759	2000	1609	1789	11.05	cps
Molybdenum	98-1	4042	4134	4293	4156	3.04	cps
Neodymium	150-1	67	40	47	51	27.15	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	1170	1203	1137	1170	2.85	cps
Phosphorus	31-2	33	17	17	22	43.28	cps
Potassium	39-2	50960	51202	50818	50993	0.38	cps
Rhodium	103-1	3747193	3876052	3861538	3828261	1.84	cps
Rhodium	103-2	1308131	1327054	1317909	1317698	0.72	cps
Scandium	45-1	2640318	2708185	2702606	2683703	1.40	cps
Scandium	45-2	29959	30440	30176	30192	0.80	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-18	18	7	2	786.41	cps
Silicon	28-1	19667549	19477035	19440912	19528499	0.62	cps
Silver	109-1	5435	3951	4143	4509	17.90	cps
Silver	107-1	6052	4826	3984	4954	20.99	cps
Sodium	23-2	2093584	2070246	2072480	2078770	0.62	cps
Strontium	86-1	101015	102115	102249	101793	0.67	cps
Strontium	88-1	876786	871359	882424	876856	0.63	cps
Sulfur	34-1	649210	633450	618768	633809	2.40	cps
Terbium	159-1	4681642	4708587	4782120	4724116	1.10	cps
Terbium	159-2	1309956	1331370	1327857	1323061	0.87	cps
Thallium	203-1	283	208	133	208	36.00	cps
Thallium	205-1	683	725	425	611	26.59	cps
Thorium	232-1	417	444	517	459	11.24	cps
Tin	118-1	8687	8153	7644	8161	6.39	cps
Titanium	47-1	1442	1400	1617	1486	7.74	cps
Uranium	238-1	9304	9479	9095	9293	2.07	cps
Vanadium	51-2	460	457	463	460	0.72	cps
Yttrium	89-1	4246577	4288729	4299252	4278186	0.65	cps
Yttrium	89-2	186712	189324	188907	188314	0.75	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-06	Instrumnet Name :	P8
Client Sample ID :	S37-0007	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:04:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3667	3430	3547	3548	3.34	cps
Zirconium	90-1	950	933	842	908	6.42	cps
Zirconium	91-1	267	317	233	272	15.41	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1230	1150	1183	1188	3.39	cps
Antimony	121-1	132629	128689	132822	131380	1.78	cps
Arsenic	75-2	359	348	350	352	1.69	cps
Barium	135-1	3909	3767	4051	3909	3.62	cps
Barium	137-1	6494	6785	6635	6638	2.20	cps
Beryllium	9-1	267	306	261	278	8.72	cps
Bismuth	209-1	2813434	2819061	2846025	2826173	0.62	cps
Bismuth	209-2	1057854	1063950	1059643	1060482	0.30	cps
Boron	11-1	7052	6560	6702	6771	3.74	cps
Boron	10-1	1383	1408	1467	1420	3.01	cps
Cadmium	106-1	883	1008	992	961	7.06	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Cadmium	111-1	637	736	719	697	7.59	cps
Calcium	43-1	17954	17662	18213	17943	1.53	cps
Calcium	44-1	309599	313208	312292	311700	0.60	cps
Chromium	52-2	2027	1987	1890	1968	3.57	cps
Cobalt	59-2	177	200	153	177	13.21	cps
Copper	63-2	6075	6242	6005	6107	1.99	cps
Dysprosium	156-1	758	650	800	736	10.52	cps
Dysprosium	156-2	293	220	270	261	14.35	cps
Erbium	164-2	217	173	230	207	14.34	cps
Erbium	164-1	933	542	850	775	26.62	cps
Gadolinium	160-1	767	833	958	853	11.41	cps
Gadolinium	160-2	303	303	327	311	4.33	cps
Holmium	165-1	4474413	4479388	4523063	4492288	0.60	cps
Holmium	165-2	1338889	1333269	1330693	1334283	0.31	cps
Indium	115-1	3959455	3947204	4035983	3980881	1.21	cps
Indium	115-2	249257	251362	246108	248909	1.06	cps
Iron	56-2	97450	98278	101702	99144	2.27	cps
Iron	57-2	2323	2461	2556	2447	4.80	cps
Krypton	83-1	820	987	923	910	9.25	cps
Lead	206-1	989	1056	895	980	8.26	cps
Lead	207-1	733	795	750	759	4.16	cps
Lead	208-1	3539	3684	3356	3526	4.66	cps
Lithium	6-1	838477	821671	810550	823566	1.71	cps
Magnesium	24-2	10212	10546	10246	10335	1.78	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2150	2070	2054	2091	2.47	cps
Molybdenum	94-1	475	467	375	439	12.64	cps
Molybdenum	95-1	192	225	217	211	8.22	cps
Molybdenum	96-1	325	367	350	347	6.04	cps
Molybdenum	97-1	392	325	367	361	9.33	cps
Molybdenum	98-1	475	483	342	433	18.35	cps
Neodymium	150-1	1073	1167	1107	1116	4.24	cps
Neodymium	150-2	197	267	243	236	15.13	cps
Nickel	60-2	287	287	367	313	14.74	cps
Phosphorus	31-2	58	75	50	61	20.83	cps
Potassium	39-2	16152	15826	15426	15801	2.30	cps
Rhodium	103-1	3870278	3832636	3896140	3866351	0.83	cps
Rhodium	103-2	1341786	1354037	1341709	1345844	0.53	cps
Scandium	45-1	2651434	2617608	2651562	2640201	0.74	cps
Scandium	45-2	30500	30721	30410	30543	0.52	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	9	0	3	173.21	cps
Selenium	82-1	28	-74	-31	-26	-200.51	cps
Silicon	28-1	10020155	10006282	9975065	10000501	0.23	cps
Silver	109-1	2884	2675	2600	2720	5.40	cps
Silver	107-1	3209	2667	2550	2809	12.51	cps
Sodium	23-2	645052	651952	649630	648878	0.54	cps
Strontium	86-1	11430	11689	12465	11861	4.54	cps
Strontium	88-1	88705	88470	89142	88772	0.38	cps
Sulfur	34-1	464809	452616	445076	454167	2.19	cps
Terbium	159-1	4670621	4699766	4764982	4711790	1.03	cps
Terbium	159-2	1339618	1334623	1345024	1339755	0.39	cps
Thallium	203-1	125	150	150	142	10.19	cps
Thallium	205-1	300	192	200	231	26.15	cps
Thorium	232-1	500	417	561	493	14.72	cps
Tin	118-1	3884	4117	4384	4129	6.06	cps
Titanium	47-1	3167	3376	3326	3289	3.31	cps
Uranium	238-1	242	242	242	242	0.00	cps
Vanadium	51-2	243	257	223	241	6.96	cps
Yttrium	89-1	4218486	4252913	4284952	4252117	0.78	cps
Yttrium	89-2	189142	189151	189137	189143	0.00	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-07	Instrumnet Name :	P8
Client Sample ID :	S37-0002	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:08:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1337	1383	1380	1367	1.91	cps
Zirconium	90-1	808	625	900	778	18.00	cps
Zirconium	91-1	133	167	208	169	22.18	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	75	103	94	17.68	cps
Antimony	121-1	983	867	767	872	12.43	cps
Arsenic	75-2	15	15	19	16	13.35	cps
Barium	135-1	67	133	58	86	47.74	cps
Barium	137-1	142	183	125	150	20.03	cps
Beryllium	9-1	183	161	222	189	16.37	cps
Bismuth	209-1	3024772	3080012	3041434	3048739	0.93	cps
Bismuth	209-2	1245769	1215782	1222793	1228115	1.28	cps
Boron	11-1	1892	2100	1875	1956	6.41	cps
Boron	10-1	400	400	408	403	1.20	cps
Cadmium	106-1	1225	1325	1325	1292	4.47	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Cadmium	111-1	863	947	949	920	5.37	cps
Calcium	43-1	1008	950	892	950	6.14	cps
Calcium	44-1	44154	42950	43577	43561	1.38	cps
Chromium	52-2	1210	1120	1250	1193	5.58	cps
Cobalt	59-2	53	70	63	62	13.48	cps
Copper	63-2	2827	2567	2607	2667	5.25	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-2	7	3	17	9	78.08	cps
Erbium	164-1	25	17	8	17	50.01	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	7	33	7	16	98.94	cps
Holmium	165-1	5020604	4936759	4946931	4968098	0.92	cps
Holmium	165-2	1616491	1583227	1567561	1589093	1.57	cps
Indium	115-1	4554860	4581269	4487031	4541053	1.07	cps
Indium	115-2	304721	297016	298888	300208	1.34	cps
Iron	56-2	9121	8748	8297	8722	4.73	cps
Iron	57-2	267	294	239	267	10.42	cps
Krypton	83-1	977	950	913	947	3.36	cps
Lead	206-1	456	378	433	422	9.49	cps
Lead	207-1	361	294	433	363	19.14	cps
Lead	208-1	1795	1511	1667	1658	8.56	cps
Lithium	6-1	873318	873307	876336	874320	0.20	cps
Magnesium	24-2	375	383	417	392	5.63	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	310	260	271	12.80	cps
Molybdenum	94-1	208	217	200	208	4.00	cps
Molybdenum	95-1	117	125	92	111	15.61	cps
Molybdenum	96-1	150	167	125	147	14.24	cps
Molybdenum	97-1	175	175	267	206	25.75	cps
Molybdenum	98-1	192	183	192	189	2.55	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	223	223	187	211	10.03	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	5977	5835	5943	5918	1.25	cps
Rhodium	103-1	4657566	4550888	4577992	4595482	1.21	cps
Rhodium	103-2	1654075	1585319	1577603	1605666	2.62	cps
Scandium	45-1	3283157	3272872	3257939	3271323	0.39	cps
Scandium	45-2	37493	36982	35956	36810	2.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	7	29	52	29	76.10	cps
Silicon	28-1	312069	311031	282646	301916	5.53	cps
Silver	109-1	550	375	483	469	18.82	cps
Silver	107-1	525	483	533	514	5.21	cps
Sodium	23-2	11338	12339	11897	11858	4.23	cps
Strontium	86-1	1742	1675	1609	1675	3.98	cps
Strontium	88-1	1642	1659	1825	1709	5.94	cps
Sulfur	34-1	503623	507014	507693	506110	0.43	cps
Terbium	159-1	5273786	5306947	5196225	5258986	1.08	cps
Terbium	159-2	1643922	1582539	1596432	1607631	2.00	cps
Thallium	203-1	33	42	50	42	20.00	cps
Thallium	205-1	92	83	92	89	5.41	cps
Thorium	232-1	50	50	39	46	13.85	cps
Tin	118-1	708	783	858	783	9.57	cps
Titanium	47-1	208	142	133	161	25.51	cps
Uranium	238-1	42	50	33	42	20.00	cps
Vanadium	51-2	17	40	23	27	45.07	cps
Yttrium	89-1	5021010	5005401	5022969	5016460	0.19	cps
Yttrium	89-2	236133	231492	229929	232518	1.39	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-08	Instrumnet Name :	P8
Client Sample ID :	S37-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:11:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1440	1367	1483	1430	4.12	cps
Zirconium	90-1	508	408	483	467	11.15	cps
Zirconium	91-1	83	133	108	108	23.08	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	125	160	147	12.91	cps
Antimony	121-1	133437	124980	126949	128455	3.44	cps
Arsenic	75-2	139	139	130	136	3.94	cps
Barium	135-1	3234	3417	3151	3267	4.18	cps
Barium	137-1	6010	6168	6494	6224	3.96	cps
Beryllium	9-1	144	144	172	154	10.43	cps
Bismuth	209-1	2695460	2736625	2742414	2724833	0.94	cps
Bismuth	209-2	1039353	1015927	991329	1015536	2.36	cps
Boron	11-1	4868	4918	5043	4943	1.82	cps
Boron	10-1	1092	1092	1150	1111	3.03	cps
Cadmium	106-1	1058	975	1067	1033	4.91	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Cadmium	111-1	761	702	755	739	4.43	cps
Calcium	43-1	9687	9637	9520	9615	0.89	cps
Calcium	44-1	176244	173914	176184	175447	0.76	cps
Chromium	52-2	1950	1790	1827	1856	4.52	cps
Cobalt	59-2	120	127	120	122	3.15	cps
Copper	63-2	6098	6332	5768	6066	4.67	cps
Dysprosium	156-1	108	67	42	72	46.63	cps
Dysprosium	156-2	27	27	60	38	50.93	cps
Erbium	164-2	27	17	30	24	28.38	cps
Erbium	164-1	92	125	67	94	30.99	cps
Gadolinium	160-1	142	108	92	114	22.36	cps
Gadolinium	160-2	37	80	27	48	59.33	cps
Holmium	165-1	4369471	4469924	4382065	4407153	1.24	cps
Holmium	165-2	1301286	1306370	1254101	1287252	2.24	cps
Indium	115-1	3956188	3963403	3938948	3952846	0.32	cps
Indium	115-2	246383	243644	237076	242368	1.97	cps
Iron	56-2	26086	26637	25357	26027	2.47	cps
Iron	57-2	639	661	678	659	2.96	cps
Krypton	83-1	887	837	887	870	3.32	cps
Lead	206-1	767	722	561	683	15.83	cps
Lead	207-1	583	556	556	565	2.84	cps
Lead	208-1	2800	2761	2367	2643	9.07	cps
Lithium	6-1	817522	806682	799924	808043	1.10	cps
Magnesium	24-2	5693	5743	4968	5468	7.94	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	677	620	600	632	6.29	cps
Molybdenum	94-1	367	542	458	456	19.22	cps
Molybdenum	95-1	625	392	500	506	23.10	cps
Molybdenum	96-1	600	608	483	564	12.39	cps
Molybdenum	97-1	433	392	417	414	5.07	cps
Molybdenum	98-1	883	708	650	747	16.25	cps
Neodymium	150-1	173	140	107	140	23.81	cps
Neodymium	150-2	23	33	27	28	18.33	cps
Nickel	60-2	403	300	363	356	14.65	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	12164	11789	12706	12220	3.77	cps
Rhodium	103-1	3835013	3778503	3751053	3788189	1.13	cps
Rhodium	103-2	1342065	1317148	1280925	1313379	2.34	cps
Scandium	45-1	2669019	2583028	2668771	2640273	1.88	cps
Scandium	45-2	30209	29712	28476	29466	3.03	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	54	40	-20	25	159.53	cps
Silicon	28-1	10120618	9992073	9876727	9996473	1.22	cps
Silver	109-1	3259	2975	2375	2870	15.72	cps
Silver	107-1	3534	3192	2692	3139	13.49	cps
Sodium	23-2	2152326	2113205	2037136	2100889	2.79	cps
Strontium	86-1	15676	16360	16102	16046	2.15	cps
Strontium	88-1	127417	126559	126104	126693	0.53	cps
Sulfur	34-1	443605	431659	424130	433131	2.27	cps
Terbium	159-1	4545672	4616349	4547686	4569902	0.88	cps
Terbium	159-2	1317182	1301823	1239948	1286318	3.18	cps
Thallium	203-1	100	150	58	103	44.66	cps
Thallium	205-1	242	175	217	211	15.95	cps
Thorium	232-1	94	133	94	107	20.90	cps
Tin	118-1	3759	4284	4318	4120	7.60	cps
Titanium	47-1	683	492	508	561	18.92	cps
Uranium	238-1	33	125	67	75	61.87	cps
Vanadium	51-2	160	117	163	147	17.75	cps
Yttrium	89-1	4175794	4153439	4164642	4164625	0.27	cps
Yttrium	89-2	186955	184732	176805	182831	2.92	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-10	Instrumnet Name :	P8
Client Sample ID :	S37-0004	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1510	1657	1507	1558	5.50	cps
Zirconium	90-1	450	542	542	511	10.35	cps
Zirconium	91-1	100	125	92	106	16.44	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	118	145	132	10.46	cps
Antimony	121-1	127462	123914	122895	124757	1.92	cps
Arsenic	75-2	135	180	165	160	14.15	cps
Barium	135-1	3376	3592	3276	3414	4.74	cps
Barium	137-1	6027	6018	5760	5935	2.56	cps
Beryllium	9-1	211	150	156	172	19.62	cps
Bismuth	209-1	2677569	2690958	2695873	2688133	0.35	cps
Bismuth	209-2	1027501	1028242	1026356	1027366	0.09	cps
Boron	11-1	5101	5076	5193	5123	1.20	cps
Boron	10-1	1033	825	1108	989	14.85	cps
Cadmium	106-1	975	1042	908	975	6.84	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	693	740	655	696	6.12	cps
Calcium	43-1	9971	9454	9295	9573	3.69	cps
Calcium	44-1	177444	175594	177542	176860	0.62	cps
Chromium	52-2	1847	1883	1930	1887	2.21	cps
Cobalt	59-2	133	110	103	116	13.63	cps
Copper	63-2	6748	6965	7009	6907	2.02	cps
Dysprosium	156-1	67	108	92	89	23.59	cps
Dysprosium	156-2	17	20	37	24	43.83	cps
Erbium	164-2	27	40	30	32	21.53	cps
Erbium	164-1	133	108	117	119	10.66	cps
Gadolinium	160-1	158	83	233	158	47.37	cps
Gadolinium	160-2	30	13	40	28	48.51	cps
Holmium	165-1	4286047	4424192	4434121	4381453	1.89	cps
Holmium	165-2	1308318	1308903	1291898	1303040	0.74	cps
Indium	115-1	3877080	3882202	3901425	3886902	0.33	cps
Indium	115-2	246686	247156	246028	246623	0.23	cps
Iron	56-2	23993	24060	23359	23804	1.63	cps
Iron	57-2	656	572	589	606	7.28	cps
Krypton	83-1	830	947	827	868	7.88	cps
Lead	206-1	544	411	467	474	14.13	cps
Lead	207-1	483	456	350	430	16.37	cps
Lead	208-1	2267	1983	2000	2083	7.63	cps
Lithium	6-1	737012	733272	732071	734118	0.35	cps
Magnesium	24-2	5410	5335	5518	5421	1.70	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	560	620	587	589	5.10	cps
Molybdenum	94-1	475	458	600	511	15.15	cps
Molybdenum	95-1	375	442	450	422	9.74	cps
Molybdenum	96-1	483	600	550	544	10.75	cps
Molybdenum	97-1	475	333	483	431	19.58	cps
Molybdenum	98-1	642	808	700	717	11.80	cps
Neodymium	150-1	120	107	153	127	18.98	cps
Neodymium	150-2	17	13	27	19	36.75	cps
Nickel	60-2	290	320	407	339	17.88	cps
Phosphorus	31-2	17	17	42	25	57.73	cps
Potassium	39-2	12356	11814	12464	12211	2.85	cps
Rhodium	103-1	3732490	3767922	3805049	3768487	0.96	cps
Rhodium	103-2	1341247	1343766	1340594	1341869	0.12	cps
Scandium	45-1	2597413	2617633	2614707	2609918	0.42	cps
Scandium	45-2	31298	30196	29728	30408	2.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	14	-85	-7	-26	-202.67	cps
Silicon	28-1	9818114	9850932	9969816	9879621	0.81	cps
Silver	109-1	2600	2275	1975	2284	13.69	cps
Silver	107-1	2342	2009	2317	2223	8.36	cps
Sodium	23-2	2187412	2164127	2147330	2166289	0.93	cps
Strontium	86-1	14767	15918	15634	15440	3.89	cps
Strontium	88-1	125785	126417	126162	126122	0.25	cps
Sulfur	34-1	419939	416692	412842	416491	0.85	cps
Terbium	159-1	4642101	4674988	4720844	4679311	0.85	cps
Terbium	159-2	1318348	1313756	1311842	1314649	0.25	cps
Thallium	203-1	92	83	108	94	13.48	cps
Thallium	205-1	217	100	150	156	37.63	cps
Thorium	232-1	94	67	106	89	22.53	cps
Tin	118-1	3226	3184	3209	3206	0.65	cps
Titanium	47-1	692	575	692	653	10.32	cps
Uranium	238-1	42	58	108	69	49.96	cps
Vanadium	51-2	210	170	133	171	22.41	cps
Yttrium	89-1	4134352	4164951	4208692	4169332	0.90	cps
Yttrium	89-2	186863	186901	188155	187306	0.39	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-11	Instrumnet Name :	P8
Client Sample ID :	S37-0005	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:18:16	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1603	1723	1713	1680	3.96	cps
Zirconium	90-1	400	517	467	461	12.69	cps
Zirconium	91-1	117	117	125	119	4.03	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	163	135	161	15.57	cps
Antimony	121-1	123140	116859	118674	119557	2.70	cps
Arsenic	75-2	2434	2387	2502	2441	2.37	cps
Barium	135-1	7594	7678	6994	7422	5.03	cps
Barium	137-1	13341	12990	13015	13115	1.49	cps
Beryllium	9-1	183	211	194	196	7.12	cps
Bismuth	209-1	2717493	2741997	2757835	2739108	0.74	cps
Bismuth	209-2	1019933	1025956	1031820	1025903	0.58	cps
Boron	11-1	4234	4109	4209	4184	1.58	cps
Boron	10-1	933	792	683	803	15.62	cps
Cadmium	106-1	1008	1008	1058	1025	2.82	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Cadmium	111-1	721	713	745	726	2.32	cps
Calcium	43-1	250863	251753	251642	251420	0.19	cps
Calcium	44-1	4106878	4143407	4085148	4111811	0.72	cps
Chromium	52-2	1657	1740	1643	1680	3.12	cps
Cobalt	59-2	110	133	113	119	10.62	cps
Copper	63-2	6015	6252	6088	6118	1.98	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-2	13	7	3	8	65.47	cps
Erbium	164-1	25	33	33	31	15.74	cps
Gadolinium	160-1	25	75	108	69	60.40	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	4475154	4495587	4423584	4464775	0.83	cps
Holmium	165-2	1335881	1326977	1339295	1334051	0.48	cps
Indium	115-1	3919314	3956402	3964025	3946580	0.61	cps
Indium	115-2	248851	244999	243218	245689	1.17	cps
Iron	56-2	4446550	4468236	4398233	4437673	0.81	cps
Iron	57-2	110036	109969	110345	110117	0.18	cps
Krypton	83-1	943	943	853	913	5.69	cps
Lead	206-1	594	550	489	544	9.73	cps
Lead	207-1	489	500	383	457	14.08	cps
Lead	208-1	2222	2006	1983	2071	6.37	cps
Lithium	6-1	713743	710873	690139	704918	1.83	cps
Magnesium	24-2	179689	181510	182794	181331	0.86	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27230	26973	27431	27211	0.84	cps
Molybdenum	94-1	2159	2092	2059	2103	2.42	cps
Molybdenum	95-1	3376	2967	2959	3101	7.68	cps
Molybdenum	96-1	3667	3317	3359	3448	5.55	cps
Molybdenum	97-1	2384	1859	2400	2214	13.91	cps
Molybdenum	98-1	4876	5010	5310	5065	4.38	cps
Neodymium	150-1	60	27	13	33	72.11	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	187	273	216	23.21	cps
Phosphorus	31-2	33	67	25	42	52.92	cps
Potassium	39-2	43535	42891	43025	43150	0.79	cps
Rhodium	103-1	3759603	3754187	3908266	3807352	2.30	cps
Rhodium	103-2	1342638	1358370	1348163	1349724	0.59	cps
Scandium	45-1	2629494	2671954	2641268	2647572	0.83	cps
Scandium	45-2	31358	30199	29942	30500	2.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	-72	23	-24	-24	-197.71	cps
Silicon	28-1	15214371	15280480	15260381	15251744	0.22	cps
Silver	109-1	2409	1834	1759	2000	17.78	cps
Silver	107-1	2259	2225	1950	2145	7.89	cps
Sodium	23-2	458784	460920	460856	460186	0.26	cps
Strontium	86-1	152502	150218	153555	152091	1.12	cps
Strontium	88-1	1294064	1308206	1309489	1303920	0.66	cps
Sulfur	34-1	524077	528013	524627	525572	0.41	cps
Terbium	159-1	4671267	4693812	4770716	4711932	1.11	cps
Terbium	159-2	1344737	1329553	1331949	1335413	0.61	cps
Thallium	203-1	33	67	67	56	34.65	cps
Thallium	205-1	117	75	108	100	22.05	cps
Thorium	232-1	122	128	106	119	9.76	cps
Tin	118-1	2859	2625	2717	2734	4.30	cps
Titanium	47-1	642	583	650	625	5.81	cps
Uranium	238-1	2800	2625	2942	2789	5.69	cps
Vanadium	51-2	97	53	127	92	39.98	cps
Yttrium	89-1	4204855	4232357	4163423	4200211	0.83	cps
Yttrium	89-2	190009	190907	190024	190313	0.27	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	J5655-12	Instrumnet Name :	P8
Client Sample ID :	S37-0009	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 16:21:42	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2184	2197	2217	2199	0.76	cps
Zirconium	90-1	625	642	642	636	1.51	cps
Zirconium	91-1	108	133	175	139	24.25	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465741	457416	460967	461375	0.91	cps
Antimony	121-1	3107589	3110333	3135392	3117771	0.49	cps
Arsenic	75-2	66392	65536	65735	65887	0.68	cps
Barium	135-1	3098093	3090559	3113840	3100831	0.38	cps
Barium	137-1	5369523	5307018	5387831	5354791	0.79	cps
Beryllium	9-1	681590	673575	684009	679725	0.80	cps
Bismuth	209-1	2881470	2865737	2892992	2880066	0.48	cps
Bismuth	209-2	1196745	1275437	1220314	1230832	3.28	cps
Boron	11-1	412570	423882	427395	421282	1.84	cps
Boron	10-1	83224	84423	86184	84610	1.76	cps
Cadmium	106-1	78663	79518	81137	79773	1.57	cps
Cadmium	108-1	54016	53510	53862	53796	0.48	cps
Cadmium	111-1	737981	743082	742394	741152	0.37	cps
Calcium	43-1	4328300	4400570	4329847	4352905	0.95	cps
Calcium	44-1	69689402	70481977	70526847	70232742	0.67	cps
Chromium	52-2	519396	513005	507681	513361	1.14	cps
Cobalt	59-2	987604	974230	969159	976997	0.98	cps
Copper	63-2	1651749	1616847	1626569	1631722	1.10	cps
Dysprosium	156-1	92	83	67	81	15.80	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-2	10	10	7	9	21.63	cps
Erbium	164-1	58	33	17	36	58.08	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	17	23	23	21	18.21	cps
Holmium	165-1	4955898	4892498	5065760	4971385	1.76	cps
Holmium	165-2	1642364	1755901	1662488	1686918	3.59	cps
Indium	115-1	4357177	4410162	4407019	4391453	0.68	cps
Indium	115-2	302210	318563	304234	308336	2.89	cps
Iron	56-2	86076107	85372607	85670080	85706265	0.41	cps
Iron	57-2	2191985	2185309	2170876	2182723	0.49	cps
Krypton	83-1	917	1043	990	983	6.47	cps
Lead	206-1	1512642	1502118	1522998	1512586	0.69	cps
Lead	207-1	1361602	1369263	1368510	1366458	0.31	cps
Lead	208-1	6212221	6196292	6255152	6221222	0.49	cps
Lithium	6-1	984658	978086	1007814	990186	1.58	cps
Magnesium	24-2	9398704	9182574	9145960	9242413	1.48	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303532	301483	302116	302377	0.35	cps
Molybdenum	94-1	5749957	5708241	5736470	5731556	0.37	cps
Molybdenum	95-1	6969789	7045395	7006258	7007147	0.54	cps
Molybdenum	96-1	7723493	7812217	7816837	7784183	0.68	cps
Molybdenum	97-1	4324392	4439692	4361408	4375164	1.35	cps
Molybdenum	98-1	11104766	11178918	11246071	11176585	0.63	cps
Neodymium	150-1	160	260	200	207	24.35	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	298897	295616	296192	296901	0.59	cps
Phosphorus	31-2	7494	7411	7319	7408	1.18	cps
Potassium	39-2	2858221	2790072	2803993	2817429	1.28	cps
Rhodium	103-1	4342118	4352184	4397524	4363942	0.68	cps
Rhodium	103-2	1515850	1634049	1560046	1569982	3.80	cps
Scandium	45-1	3400185	3423863	3499645	3441231	1.51	cps
Scandium	45-2	38623	41451	39836	39970	3.55	cps
Selenium	77-2	613	547	540	567	7.16	cps
Selenium	78-2	1895	1695	1813	1801	5.59	cps
Selenium	82-1	53175	53259	53589	53341	0.41	cps
Silicon	28-1	2414942	2505751	2546131	2488942	2.70	cps
Silver	109-1	3349354	3309306	3335848	3331503	0.61	cps
Silver	107-1	3446285	3499364	3488969	3478206	0.81	cps
Sodium	23-2	20867213	20560887	20642277	20690126	0.77	cps
Strontium	86-1	893881	885373	886948	888734	0.51	cps
Strontium	88-1	7661130	7696373	7656239	7671247	0.29	cps
Sulfur	34-1	866411	942248	941611	916757	4.76	cps
Terbium	159-1	5230502	5199858	5294547	5241636	0.92	cps
Terbium	159-2	1646509	1773866	1692439	1704272	3.78	cps
Thallium	203-1	1948230	1909684	1976785	1944900	1.73	cps
Thallium	205-1	4648736	4532092	4619320	4600049	1.32	cps
Thorium	232-1	6325139	6321705	6362271	6336372	0.36	cps
Tin	118-1	2073353	2095976	2101545	2090291	0.71	cps
Titanium	47-1	2202788	2207688	2231829	2214102	0.70	cps
Uranium	238-1	5733327	5819464	5809992	5787594	0.82	cps
Vanadium	51-2	365256	359671	358141	361023	1.04	cps
Yttrium	89-1	5139251	5152543	5146257	5146017	0.13	cps
Yttrium	89-2	241758	254257	248200	248071	2.52	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:02:17	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183038	180308	180348	181231	0.86	cps
Zirconium	90-1	4896811	4858554	4771828	4842398	1.32	cps
Zirconium	91-1	1069198	1069347	1070989	1069845	0.09	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:05:29	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	50	35	40	21.65	cps
Antimony	121-1	1100	1283	1300	1228	9.04	cps
Arsenic	75-2	9	11	15	12	24.10	cps
Barium	135-1	67	58	67	64	7.53	cps
Barium	137-1	58	50	67	58	14.29	cps
Beryllium	9-1	250	244	194	230	13.33	cps
Bismuth	209-1	2940341	2990591	3194574	3041836	4.43	cps
Bismuth	209-2	1299999	1100643	1259784	1220142	8.64	cps
Boron	11-1	7302	6852	6702	6952	4.49	cps
Boron	10-1	1567	1383	1425	1458	6.59	cps
Cadmium	106-1	1325	1300	1483	1370	7.26	cps
Cadmium	108-1	8	0	21	10	107.86	cps
Cadmium	111-1	930	918	1028	959	6.28	cps
Calcium	43-1	650	733	892	758	16.19	cps
Calcium	44-1	33124	33859	34168	33717	1.59	cps
Chromium	52-2	1133	1157	1030	1107	6.09	cps
Cobalt	59-2	73	53	47	58	24.02	cps
Copper	63-2	1627	1583	1773	1661	6.00	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-2	0	10	10	7	86.60	cps
Erbium	164-1	8	17	17	14	34.67	cps
Gadolinium	160-1	50	75	25	50	50.00	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	4749023	4940993	5125932	4938649	3.82	cps
Holmium	165-2	1674545	1393836	1611188	1559856	9.44	cps
Indium	115-1	4364950	4608403	4685603	4552985	3.68	cps
Indium	115-2	317765	273144	311900	300936	8.06	cps
Iron	56-2	2773	2834	2634	2747	3.73	cps
Iron	57-2	44	72	67	61	24.05	cps
Krypton	83-1	1050	1047	887	994	9.39	cps
Lead	206-1	594	622	633	617	3.25	cps
Lead	207-1	522	417	583	507	16.62	cps
Lead	208-1	2422	2211	2517	2384	6.56	cps
Lithium	6-1	984430	1033373	1056219	1024674	3.58	cps
Magnesium	24-2	342	342	358	347	2.77	cps

LB Number : LB98986 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-01 17:05:29 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	50	70	57	20.38	cps
Molybdenum	94-1	633	533	583	583	8.57	cps
Molybdenum	95-1	725	592	608	642	11.32	cps
Molybdenum	96-1	958	625	750	778	21.65	cps
Molybdenum	97-1	533	492	467	497	6.77	cps
Molybdenum	98-1	1250	1125	942	1106	14.03	cps
Neodymium	150-1	0	33	7	13	132.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	137	77	118	30.26	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6052	6035	6293	6127	2.36	cps
Rhodium	103-1	4463352	4674983	4791284	4643206	3.58	cps
Rhodium	103-2	1684371	1398930	1627028	1570110	9.62	cps
Scandium	45-1	3217361	3389394	3539906	3382221	4.77	cps
Scandium	45-2	39409	33814	39018	37414	8.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	-115	-6	106	-5	-2149.36	cps
Silicon	28-1	363041	357383	349357	356594	1.93	cps
Silver	109-1	267	467	317	350	29.74	cps
Silver	107-1	375	383	475	411	13.50	cps
Sodium	23-2	11722	10880	10755	11119	4.73	cps
Strontium	86-1	1492	1442	1600	1511	5.36	cps
Strontium	88-1	125	108	83	106	19.87	cps
Sulfur	34-1	623945	629394	631159	628166	0.60	cps
Terbium	159-1	5020363	5272210	5478638	5257071	4.37	cps
Terbium	159-2	1701052	1421429	1648531	1590337	9.35	cps
Thallium	203-1	400	433	358	397	9.46	cps
Thallium	205-1	1092	1117	1217	1142	5.79	cps
Thorium	232-1	328	317	300	315	4.44	cps
Tin	118-1	517	458	492	489	5.99	cps
Titanium	47-1	108	75	133	106	27.73	cps
Uranium	238-1	108	50	67	75	40.06	cps
Vanadium	51-2	7	20	7	11	69.25	cps
Yttrium	89-1	4972813	5094251	5323988	5130351	3.48	cps
Yttrium	89-2	247701	206857	240359	231639	9.40	cps

LB Number :	LB98986	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-11-01 17:05:29	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80	100	130	103	24.35	cps
Zirconium	90-1	442	492	450	461	5.81	cps
Zirconium	91-1	92	58	133	94	39.79	cps