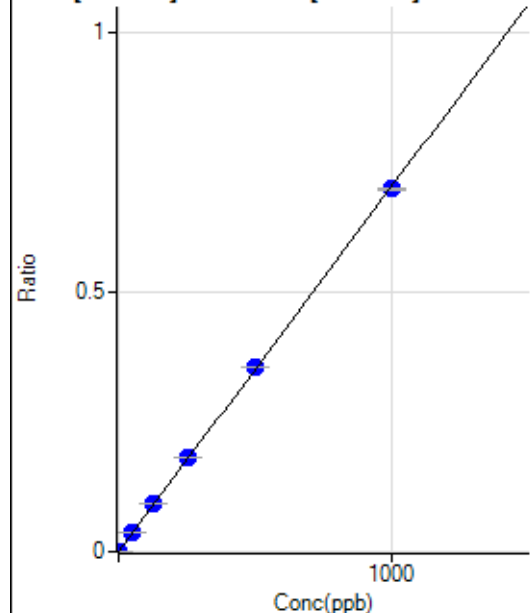


Batch Folder: D:\ICP-MS Data\P7010819.b\
Analysis File: P7010819.batch.bin
DA Date-Time: 2019-01-08 17:45:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-08 14:07:17
2			
3	005CALS.d	S02	2019-01-08 14:15:18
4	006CALS.d	S03	2019-01-08 14:19:12
5	007CALS.d	S04	2019-01-08 14:23:07
6	008CALS.d	S05	2019-01-08 14:26:57
7	009CALS.d	S06	2019-01-08 14:30:45
8	010CALS.d	S07	2019-01-08 14:34:30
9	011CALS.d	S08	2019-01-08 14:38:14

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.96	0.0000	P	4.8
2	☐	0.100					
3	☐	1.000	1.028	2485.45	0.0007	P	6.9
4	☐	50.000	54.144	126842.14	0.0381	P	0.7
5	☐	125.000	131.053	296737.20	0.0923	P	0.5
6	☐	250.000	258.058	553638.53	0.1817	P	0.3
7	☐	500.000	505.964	1065560.67	0.3563	P	0.4
8	☐	1000.000	994.040	2085951.20	0.7000	P	0.6
9	☐			394.46	0.0001	P	10.1

$$y = 7.0422\text{E-}004 * x + 1.8998\text{E-}005$$

$$R = 0.9999$$

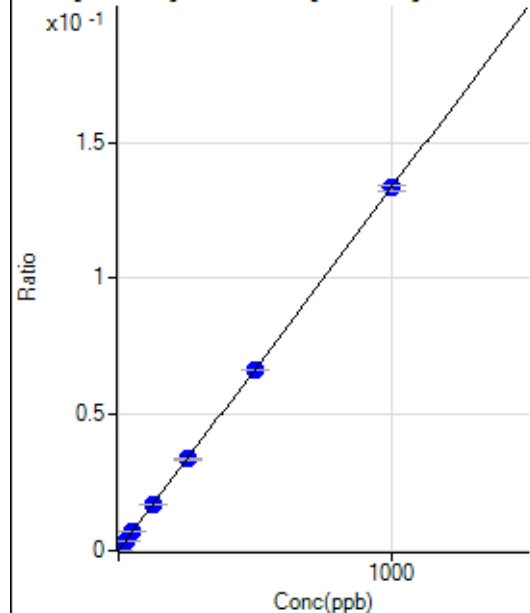
$$DL = 0.003859$$

$$BEC = 0.02698$$

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	319.46	0.0001	P	14.9
2	☐	2.500					
3	☐	25.000	23.584	10826.51	0.0032	P	1.7
4	☐	50.000	50.680	22762.22	0.0068	P	0.6
5	☐	125.000	125.346	53971.85	0.0168	P	0.7
6	☐	250.000	252.338	102660.92	0.0337	P	2.5
7	☐	500.000	499.384	199164.86	0.0666	P	0.3
8	☐	1000.000	999.682	397005.66	0.1332	P	1.3
9	☐			8844.62	0.0030	P	9.9

$$y = 1.3317\text{E-}004 * x + 9.6457\text{E-}005$$

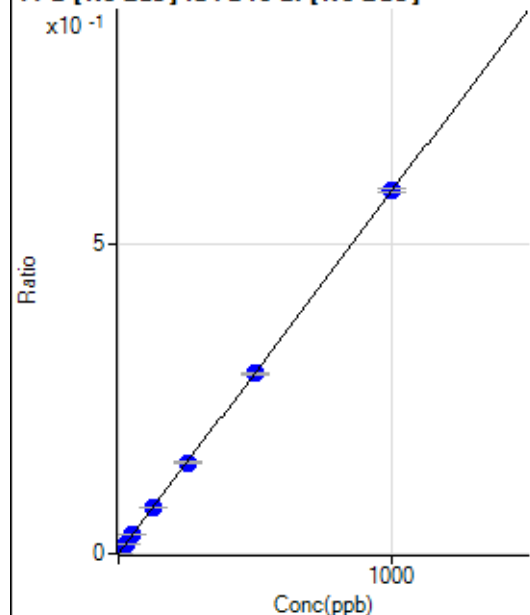
$$R = 1.0000$$

$$DL = 0.3245$$

$$BEC = 0.7243$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.10	0.0004	P	12.9
2	☐	2.500					
3	☐	25.000	23.643	47313.78	0.0141	P	1.3
4	☐	50.000	51.206	100499.74	0.0302	P	2.2
5	☐	125.000	125.777	237018.31	0.0737	P	0.9
6	☐	250.000	250.004	445356.62	0.1462	P	1.5
7	☐	500.000	496.790	867734.79	0.2902	P	0.9
8	☐	1000.000	1001.480	1742009.18	0.5846	P	1.1
9	☐			38839.74	0.0130	P	7.2

$$y = 5.8339\text{E-}004 * x + 3.5457\text{E-}004$$

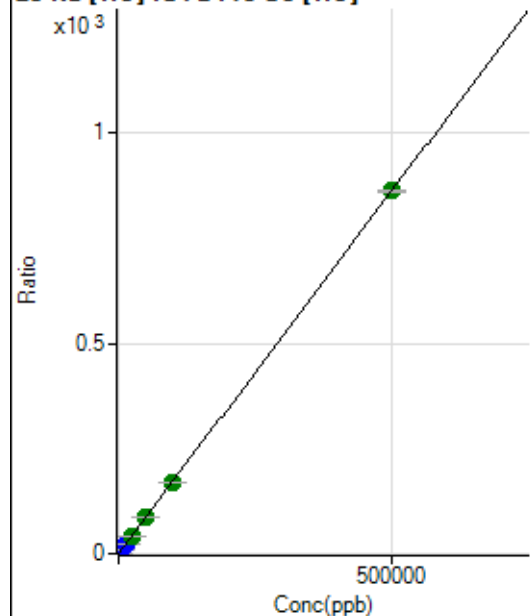
$$R = 1.0000$$

$$DL = 0.2347$$

$$BEC = 0.6078$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5698.52	0.0282	P	3.6
2	☐	50.000					
3	☐	500.000	456.475	168789.34	0.8144	P	1.3
4	☐	5000.000	5010.655	1707150.10	8.6580	P	0.2
5	☐	12500.000	12459.403	4021268.58	21.4869	P	0.4
6	☐	25000.000	24691.321	7655454.34	42.5539	A	0.6
7	☐	50000.000	49341.673	15007775.16	85.0091	A	0.4
8	☐	100000.00	98634.976	30191413.18	169.9066	A	1.1
9	☐	500000.00	500355.22	154794809.0	861.7872	A	0.3

$$y = 0.0017 * x + 0.0282$$

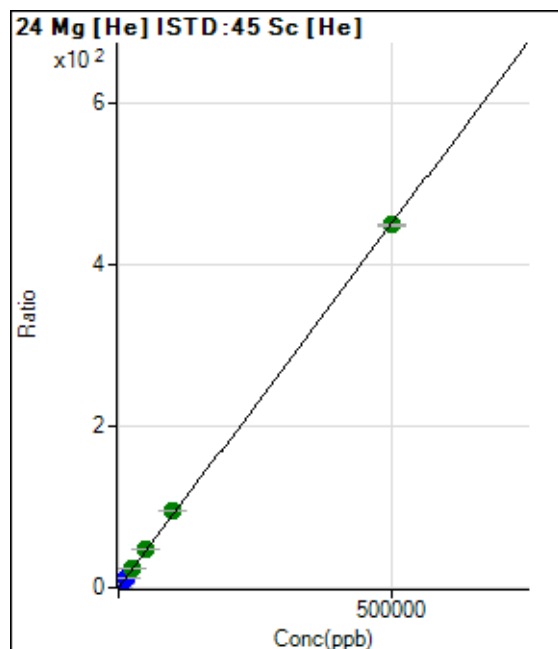
$$R = 1.0000$$

$$DL = 1.754$$

$$BEC = 16.35$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0004	P	37.3
2	☐	50.000					
3	☐	500.000	484.967	90579.22	0.4370	P	1.0
4	☐	5000.000	5372.373	953824.31	4.8375	P	0.9
5	☐	12500.000	13346.872	2249112.09	12.0176	P	0.3
6	☐	25000.000	26602.829	4309114.85	23.9530	A	0.8
7	☐	50000.000	53060.842	8434375.19	47.7752	A	0.2
8	☐	100000.00	105609.20	16896591.53	95.0887	A	1.2
9	☐	500000.00	498467.05	80614931.66	448.8098	A	0.4

$$y = 9.0038\text{E-}004 * x + 3.5728\text{E-}004$$

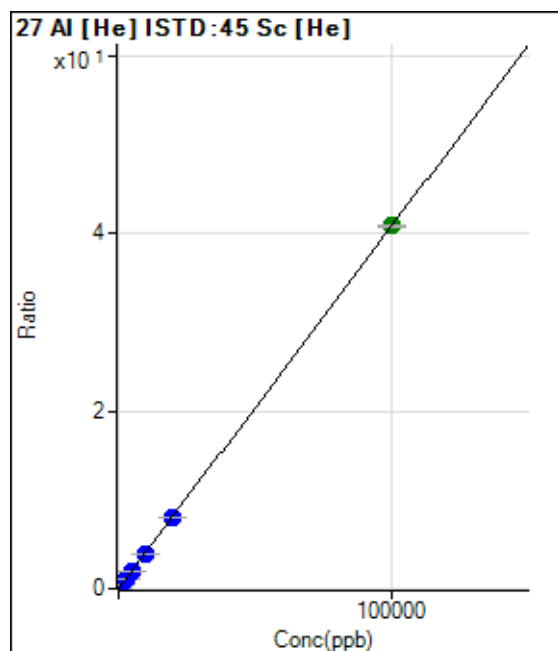
$$R = 0.9999$$

$$DL = 0.4445$$

$$BEC = 0.3968$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	56.8
2	☐	2.000					
3	☐	20.000	19.077	1636.26	0.0079	P	3.7
4	☐	1000.000	998.071	80316.14	0.4073	P	1.3
5	☐	2500.000	2476.115	189102.27	1.0104	P	0.3
6	☐	5000.000	4907.348	360244.29	2.0024	P	0.3
7	☐	10000.000	9798.620	705851.31	3.9982	P	0.3
8	☐	20000.000	19479.881	1412402.27	7.9484	P	0.9
9	☐	100000.00	100129.41	7338436.54	40.8554	A	0.4

$$y = 4.0803\text{E-}004 * x + 1.0950\text{E-}004$$

$$R = 1.0000$$

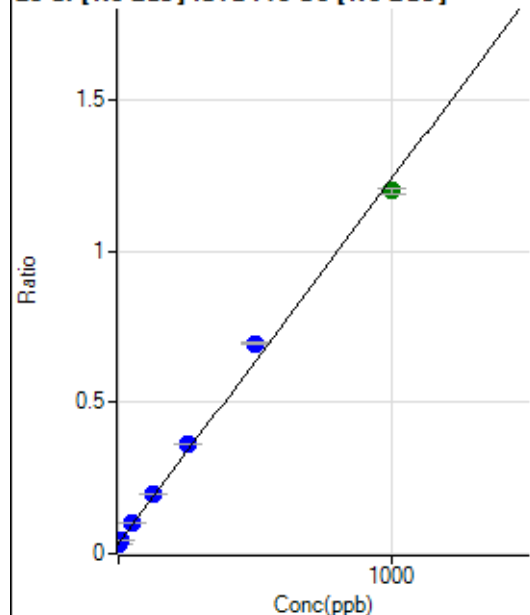
$$DL = 0.457$$

$$BEC = 0.2684$$

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	168597.96	0.0343	P	0.6
2	☐	1.000					
3	☐	10.000	8.657	225072.11	0.0448	P	0.3
4	☐	50.000	55.153	496675.82	0.1007	P	1.6
5	☐	125.000	136.582	929480.63	0.1986	P	1.3
6	☐	250.000	273.420	1587046.86	0.3632	P	1.0
7	☐	500.000	549.203	2959045.83	0.6950	P	1.0
8	☐	1000.000	967.851	5128674.81	1.1986	A	1.4
9	☐			802053.97	0.1848	P	2.7

$$y = 0.0012 * x + 0.0343$$

$$R = 0.9978$$

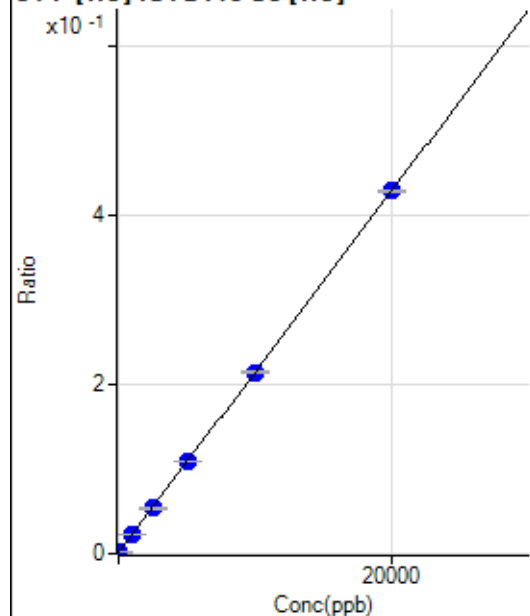
$$DL = 0.5563$$

$$BEC = 28.55$$

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	-25.885	161.12	0.0008	P	5.2
2	☐	0.000					
3	☐	0.000	25.885	394.47	0.0019	P	12.2
4	☐	1000.000	1032.907	4623.13	0.0234	P	3.6
5	☐	2500.000	2471.736	10148.24	0.0542	P	4.0
6	☐	5000.000	5057.303	19708.15	0.1095	P	0.5
7	☐	10000.000	9965.524	37879.68	0.2146	P	1.0
8	☐	20000.000	20004.800	76297.84	0.4293	P	0.6
9	☐			113.89	0.0006	P	30.1

$$y = 2.1395E-005 * x + 0.0014$$

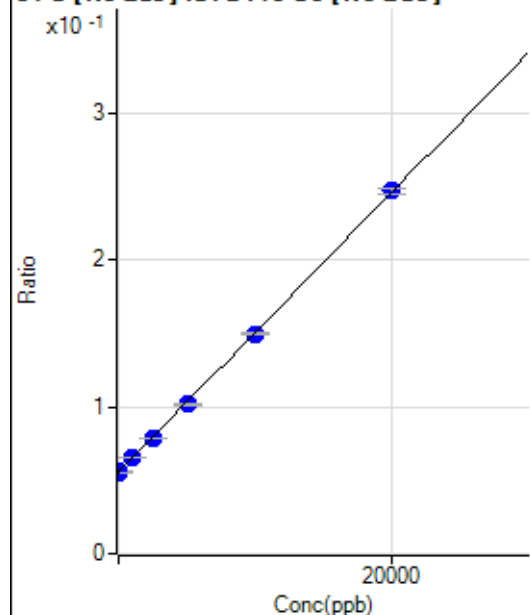
$$R = 1.0000$$

$$DL = 19.17$$

$$BEC = 63.11$$

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	23.215	274096.36	0.0558	P	1.0
2	☐	0.000					
3	☐	0.000	-23.215	278549.00	0.0554	P	0.2
4	☐	1000.000	1040.446	323195.08	0.0655	P	0.9
5	☐	2500.000	2416.094	367857.82	0.0786	P	0.4
6	☐	5000.000	4823.906	443606.49	0.1015	P	1.0
7	☐	10000.000	9896.606	637862.78	0.1498	P	0.5
8	☐	20000.000	20104.186	1056754.35	0.2470	P	1.2
9	☐			232886.21	0.0537	P	2.5

$$y = 9.5188\text{E-}006 * x + 0.0556$$

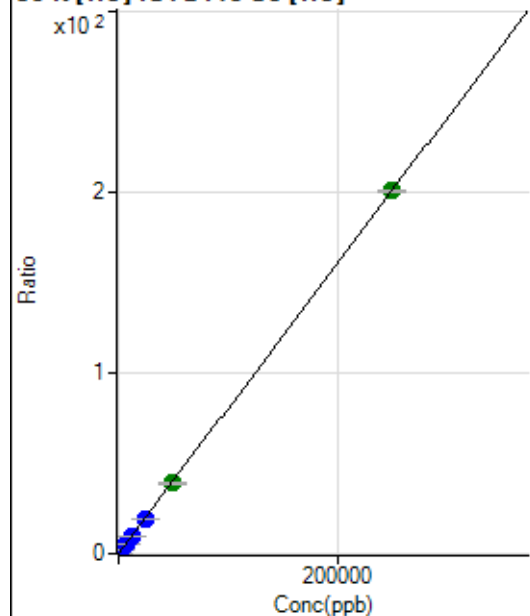
R = 0.9999

DL = 98.87

BEC = 5842

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	13161.86	0.0651	P	2.9
2	☐	50.000					
3	☐	500.000	471.027	91836.59	0.4431	P	0.1
4	☐	2500.000	2546.866	415811.21	2.1089	P	0.8
5	☐	6250.000	6241.236	949510.93	5.0735	P	0.9
6	☐	12500.000	12344.231	1793872.78	9.9711	P	0.5
7	☐	25000.000	24388.931	3466682.11	19.6367	P	0.4
8	☐	50000.000	48536.249	6932307.36	39.0144	A	1.6
9	☐	250000.00	250361.45	36099400.81	200.9747	A	0.2

$$y = 8.0248\text{E-}004 * x + 0.0651$$

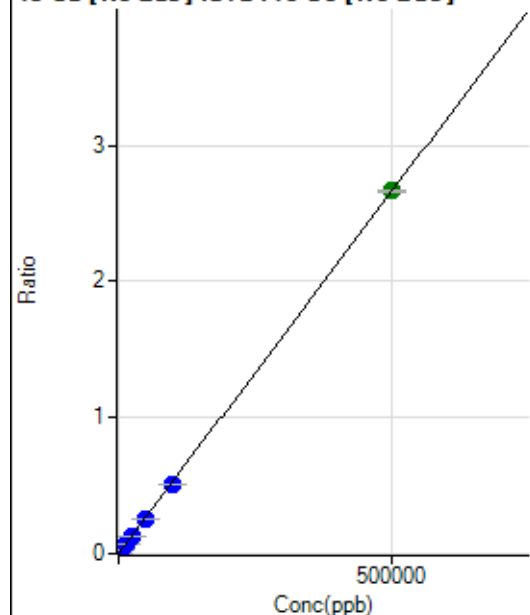
R = 1.0000

DL = 7.17

BEC = 81.09

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	119.45	0.0000	P	28.7
2	☐	50.000					
3	☐	500.000	448.210	12113.81	0.0024	P	1.9
4	☐	5000.000	4842.318	127206.92	0.0258	P	1.1
5	☐	12500.000	12084.090	300954.61	0.0643	P	0.6
6	☐	25000.000	24268.072	564206.66	0.1291	P	0.4
7	☐	50000.000	48120.606	1090096.80	0.2560	P	0.6
8	☐	100000.00	96061.236	2186808.29	0.5111	P	1.1
9	☐	500000.00	501024.31	11569138.37	2.6655	A	0.6

$$y = 5.3201\text{E-}006 * x + 2.4351\text{E-}005$$

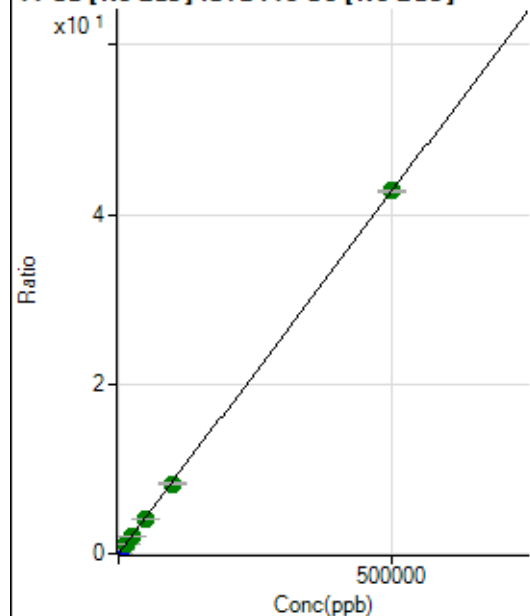
$$R = 1.0000$$

$$DL = 3.939$$

$$BEC = 4.577$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3497.88	0.0007	P	7.7
2	☐	50.000					
3	☐	500.000	447.064	195575.11	0.0389	P	0.6
4	☐	5000.000	4828.102	2037542.12	0.4130	P	0.5
5	☐	12500.000	12062.416	4823896.89	1.0308	A	0.4
6	☐	25000.000	24158.621	9017048.81	2.0638	A	0.3
7	☐	50000.000	48214.421	17533489.45	4.1181	A	0.5
8	☐	100000.00	96770.069	35363072.32	8.2646	A	0.9
9	☐	500000.00	500879.32	185649631.9	42.7744	A	0.9

$$y = 8.5397\text{E-}005 * x + 7.1258\text{E-}004$$

$$R = 1.0000$$

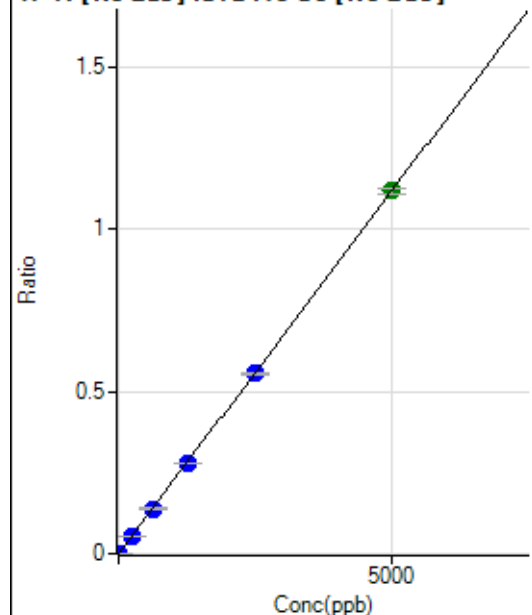
$$DL = 1.931$$

$$BEC = 8.344$$

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	55.56	0.0000	P	61.4
2	☐	0.500					
3	☐	5.000	4.838	5487.40	0.0011	P	1.3
4	☐	250.000	250.200	275595.27	0.0559	P	0.5
5	☐	625.000	623.051	650888.86	0.1391	P	0.5
6	☐	1250.000	1249.602	1218757.55	0.2789	P	0.3
7	☐	2500.000	2486.466	2363187.94	0.5550	P	0.4
8	☐	5000.000	5007.100	4782329.10	1.1177	A	1.3
9	☐			1908.54	0.0004	P	9.0

$$y = 2.2322E-004 * x + 1.1345E-005$$

$$R = 1.0000$$

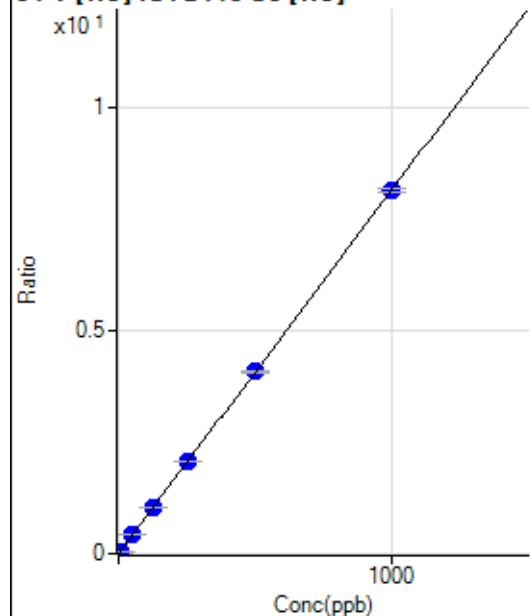
$$DL = 0.0936$$

$$BEC = 0.05082$$

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	3.33	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.148	8697.12	0.0420	P	4.4
4	☐	50.000	52.245	83947.04	0.4258	P	0.7
5	☐	125.000	127.389	194282.23	1.0381	P	0.4
6	☐	250.000	252.517	370193.34	2.0577	P	0.2
7	☐	500.000	500.985	720705.81	4.0824	P	1.0
8	☐	1000.000	998.467	1445786.77	8.1363	P	1.0
9	☐			436.68	0.0024	P	12.7

$$y = 0.0081 * x + 1.6351E-005$$

$$R = 1.0000$$

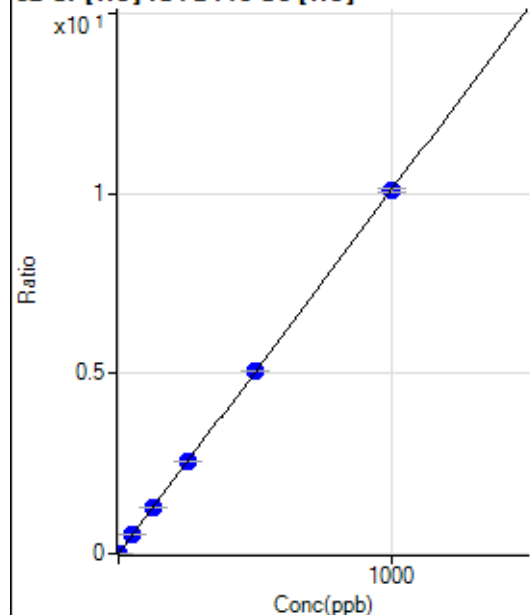
$$DL = 0.01043$$

$$BEC = 0.002006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	535.58	0.0026	P	5.8
2	☐	0.200					
3	☐	2.000	1.987	4710.83	0.0227	P	2.0
4	☐	50.000	52.544	105243.18	0.5337	P	0.7
5	☐	125.000	128.463	243499.28	1.3011	P	0.7
6	☐	250.000	253.675	461764.29	2.5667	P	0.3
7	☐	500.000	501.584	895504.73	5.0725	P	0.5
8	☐	1000.000	997.729	1792474.58	10.0874	P	1.2
9	☐			27799.73	0.1548	P	0.7

$$y = 0.0101 * x + 0.0026$$

$$R = 1.0000$$

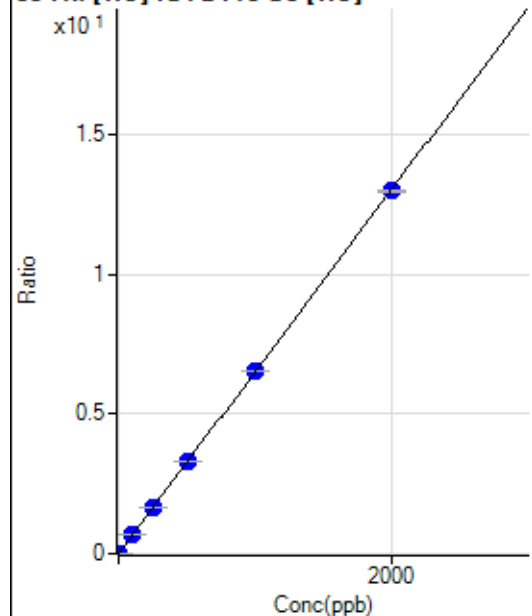
$$DL = 0.04593$$

$$BEC = 0.262$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0001	P	20.8
2	☐	0.100					
3	☐	1.000	0.986	1351.20	0.0065	P	3.9
4	☐	100.000	104.382	134336.11	0.6813	P	0.1
5	☐	250.000	256.420	313198.92	1.6735	P	0.8
6	☐	500.000	507.614	595995.58	3.3129	P	0.3
7	☐	1000.000	1007.523	1160828.28	6.5754	P	0.1
8	☐	2000.000	1993.314	2311654.62	13.0088	P	0.8
9	☐			13486.33	0.0751	P	0.1

$$y = 0.0065 * x + 8.2492E-005$$

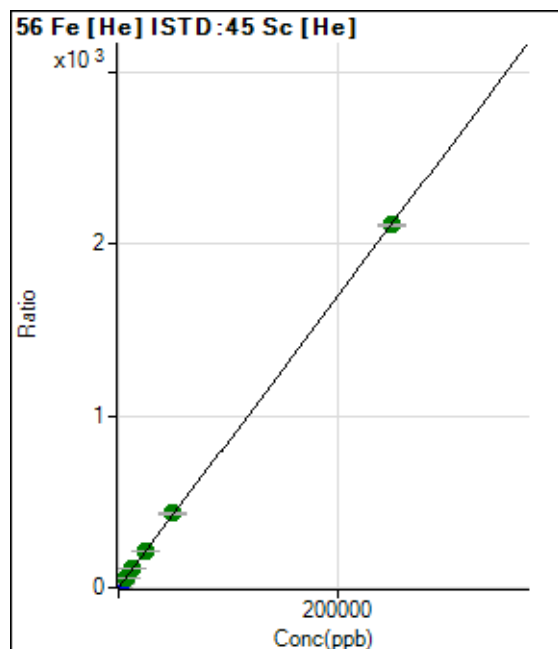
$$R = 1.0000$$

$$DL = 0.007901$$

$$BEC = 0.01264$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2887.41	0.0143	P	5.6
2	☐	5.000					
3	☐	50.000	54.859	99114.11	0.4782	P	0.4
4	☐	2500.000	2719.263	4536895.12	23.0093	P	0.2
5	☐	6250.000	6541.999	10355788.54	55.3356	A	1.2
6	☐	12500.000	12998.622	19777174.75	109.9350	A	0.7
7	☐	25000.000	25685.839	38349028.17	217.2223	A	0.1
8	☐	50000.000	51050.011	76711217.45	431.7103	A	1.2
9	☐	250000.00	249686.98	379253508.4	2,111.451	A	0.6

$$y = 0.0085 * x + 0.0143$$

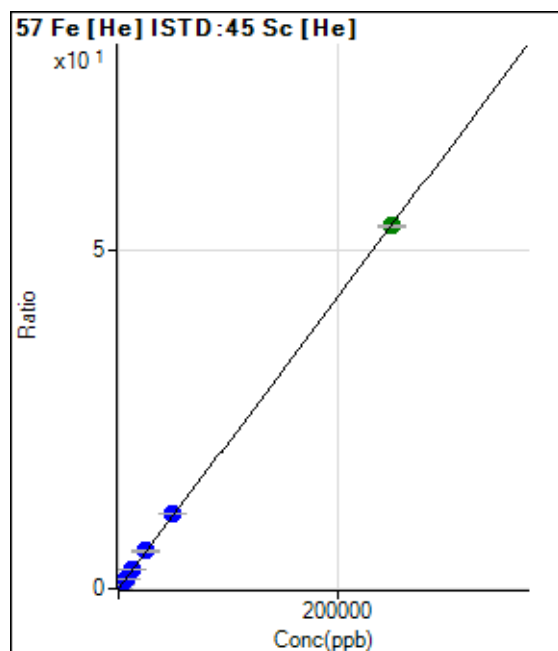
$$R = 1.0000$$

$$DL = 0.2826$$

$$BEC = 1.688$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.19	0.0004	P	31.5
2	☐	5.000					
3	☐	50.000	54.656	2520.66	0.0122	P	7.5
4	☐	2500.000	2710.889	114907.09	0.5828	P	1.2
5	☐	6250.000	6623.287	266351.81	1.4232	P	1.1
6	☐	12500.000	13104.346	506518.14	2.8155	P	0.5
7	☐	25000.000	25798.294	978466.05	5.5424	P	0.5
8	☐	50000.000	51309.868	1958680.93	11.0228	P	1.2
9	☐	250000.00	249616.53	9631759.13	53.6229	A	0.3

$$y = 2.1482E-004 * x + 4.2185E-004$$

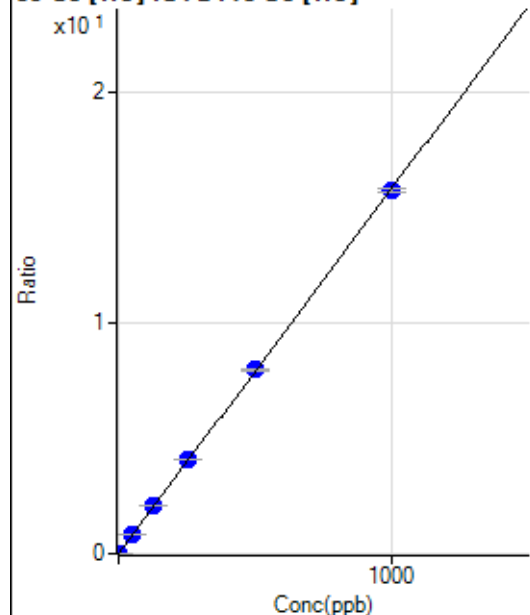
$$R = 1.0000$$

$$DL = 1.854$$

$$BEC = 1.964$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0002	P	10.3
2	☐	0.100					
3	☐	1.000	1.007	3339.32	0.0161	P	1.0
4	☐	50.000	54.861	171331.60	0.8689	P	0.6
5	☐	125.000	132.293	392089.33	2.0951	P	0.4
6	☐	250.000	258.787	737260.22	4.0981	P	0.5
7	☐	500.000	504.685	1410906.65	7.9920	P	0.7
8	☐	1000.000	994.306	2797841.94	15.7452	P	1.1
9	☐			34075.25	0.1897	P	0.4

$$y = 0.0158 * x + 1.6484E-004$$

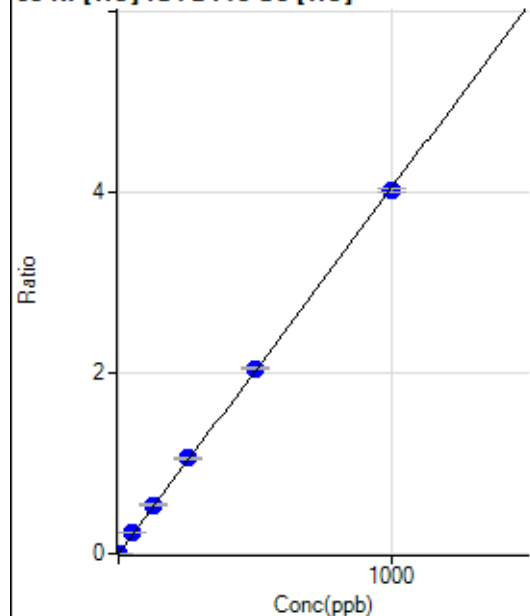
$$R = 0.9999$$

$$DL = 0.003224$$

$$BEC = 0.01041$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0002	P	21.3
2	☐	0.100					
3	☐	1.000	1.080	947.82	0.0046	P	4.2
4	☐	50.000	55.544	44342.56	0.2249	P	0.5
5	☐	125.000	134.019	101491.36	0.5423	P	1.4
6	☐	250.000	260.329	189478.06	1.0533	P	1.2
7	☐	500.000	507.434	362404.07	2.0528	P	0.7
8	☐	1000.000	992.296	713310.74	4.0141	P	1.0
9	☐			13466.36	0.0750	P	1.3

$$y = 0.0040 * x + 2.0348E-004$$

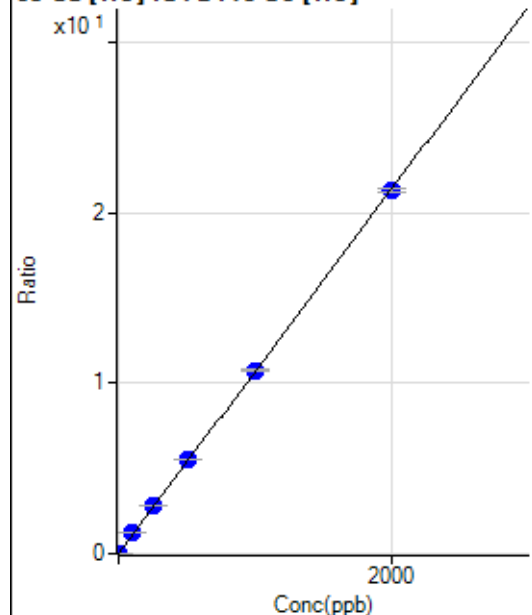
$$R = 0.9999$$

$$DL = 0.03209$$

$$BEC = 0.0503$$

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	132.23	0.0007	P	13.0
2	☐	0.200					
3	☐	2.000	2.098	4786.42	0.0231	P	2.3
4	☐	100.000	111.008	234224.83	1.1879	P	0.3
5	☐	250.000	267.293	535124.33	2.8593	P	0.3
6	☐	500.000	519.701	1000025.32	5.5588	P	0.8
7	☐	1000.000	1003.706	1895194.83	10.7352	P	0.9
8	☐	2000.000	1990.510	3783067.61	21.2890	P	1.1
9	☐			5474.45	0.0305	P	0.8

$$y = 0.0107 * x + 6.5407E-004$$

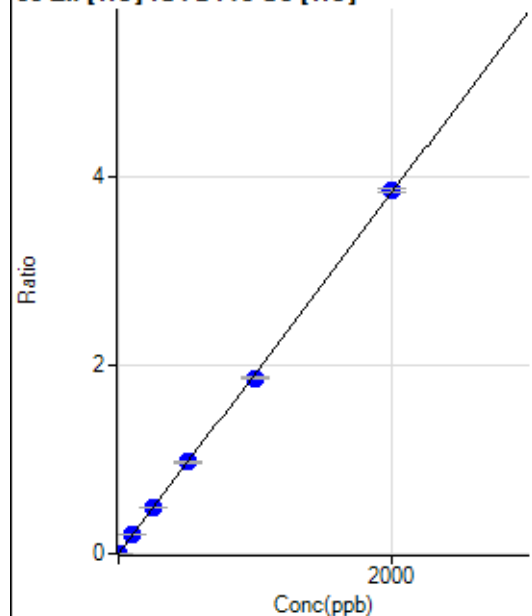
$$R = 0.9999$$

$$DL = 0.02387$$

$$BEC = 0.06116$$

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	216.67	0.0011	P	3.9
2	☐	0.200					
3	☐	2.000	2.245	1111.17	0.0054	P	5.1
4	☐	100.000	105.234	39861.07	0.2022	P	0.3
5	☐	250.000	258.655	92700.62	0.4953	P	0.6
6	☐	500.000	505.922	174118.76	0.9678	P	0.4
7	☐	1000.000	973.895	328724.23	1.8621	P	1.0
8	☐	2000.000	2010.228	682784.58	3.8423	P	0.9
9	☐			5137.64	0.0286	P	0.2

$$y = 0.0019 * x + 0.0011$$

$$R = 0.9999$$

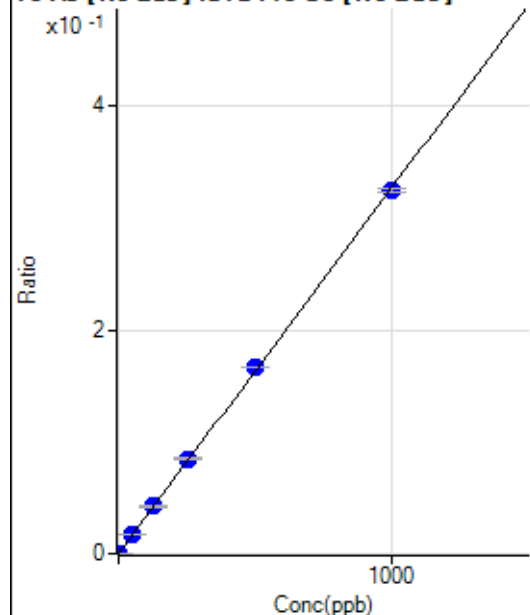
$$DL = 0.06569$$

$$BEC = 0.5606$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-319.30	-0.0001	P	-21.
2	☐	0.100					
3	☐	1.000	1.065	1423.83	0.0003	P	21.0
4	☐	50.000	51.541	82793.35	0.0168	P	1.0
5	☐	125.000	129.099	197191.28	0.0421	P	1.4
6	☐	250.000	259.837	370778.73	0.0849	P	1.0
7	☐	500.000	508.404	707220.37	0.1661	P	0.1
8	☐	1000.000	992.750	1388082.74	0.3244	P	1.0
9	☐			1562.21	0.0004	P	18.6

$$y = 3.2684E-004 * x - 6.4955E-005$$

$$R = 0.9999$$

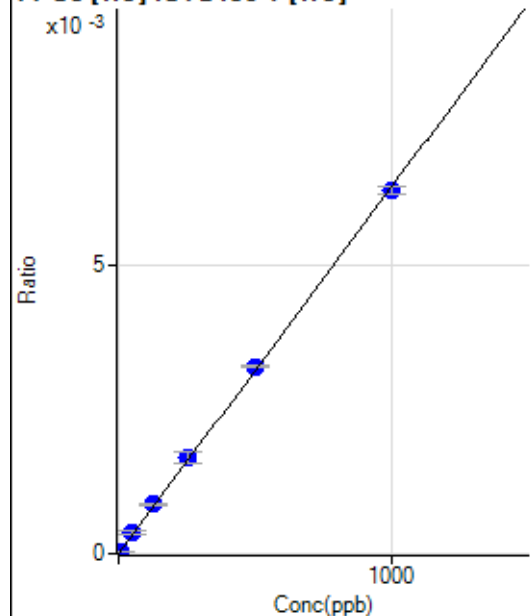
$$DL = 0.1291$$

$$BEC = -0.1987$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.282	37.78	0.0000	P	27.3
4	☐	50.000	58.011	394.46	0.0004	P	16.4
5	☐	125.000	135.370	877.82	0.0009	P	3.3
6	☐	250.000	262.470	1637.90	0.0017	P	11.3
7	☐	500.000	511.172	3130.39	0.0033	P	1.4
8	☐	1000.000	989.598	6136.96	0.0063	P	2.1
9	☐			4.45	0.0000	P	86.6

$$y = 6.3651E-006 * x + 0.0000E+000$$

$$R = 0.9998$$

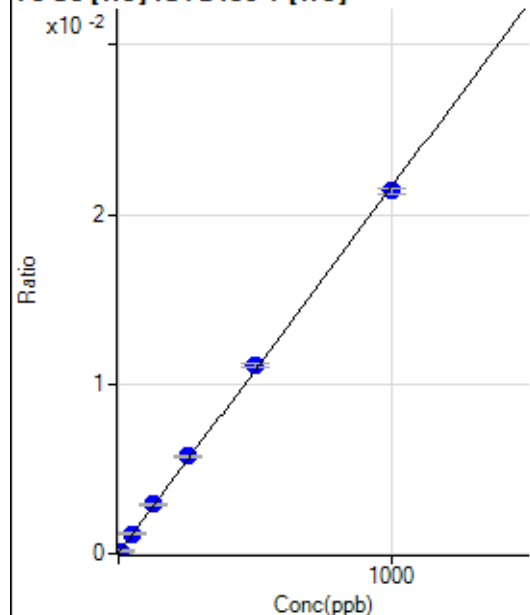
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.21	0.0000	P	28.9
2	☐	0.500					
3	☐	5.000	5.567	179.63	0.0002	P	14.6
4	☐	50.000	53.156	1267.97	0.0012	P	3.1
5	☐	125.000	132.842	2962.67	0.0029	P	1.7
6	☐	250.000	263.959	5629.53	0.0057	P	2.1
7	☐	500.000	513.128	10697.22	0.0111	P	2.2
8	☐	1000.000	988.806	20839.71	0.0214	P	1.4
9	☐			42.60	0.0000	P	11.2

$$y = 2.1595E-005 * x + 3.9409E-005$$

$$R = 0.9998$$

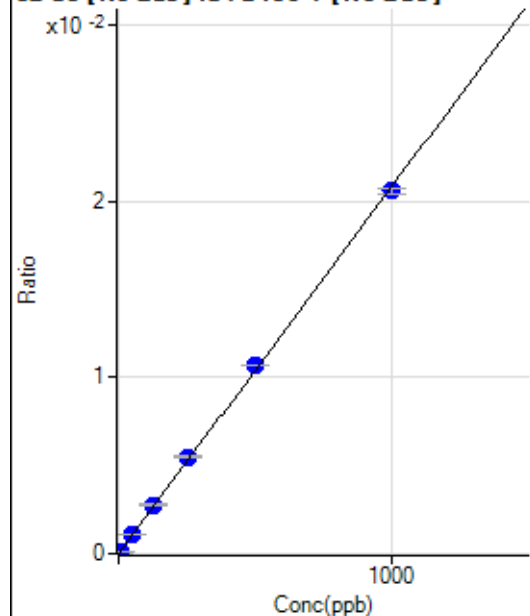
$$DL = 1.583$$

$$BEC = 1.825$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.60	0.0000	P	81.7
2	☐	0.500					
3	☐	5.000	5.385	853.87	0.0001	P	3.2
4	☐	50.000	52.896	8159.16	0.0011	P	1.8
5	☐	125.000	133.622	19816.07	0.0028	P	0.5
6	☐	250.000	263.991	37209.35	0.0055	P	0.6
7	☐	500.000	511.971	71378.43	0.0107	P	0.1
8	☐	1000.000	989.292	138934.08	0.0206	P	1.4
9	☐			115.59	0.0000	P	34.5

$$y = 2.0839E-005 * x + 2.1277E-006$$

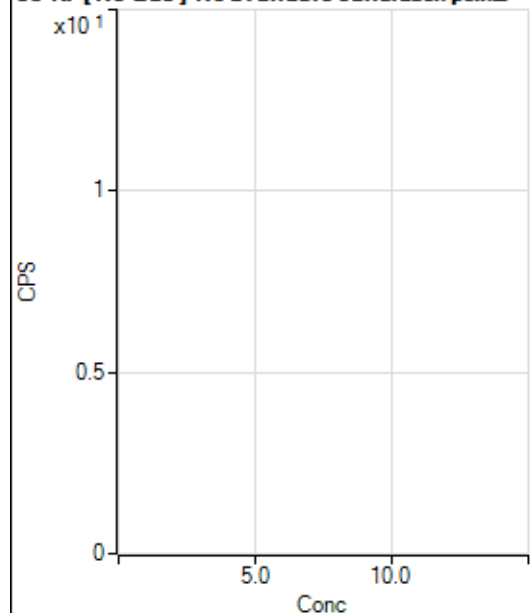
$$R = 0.9998$$

$$DL = 0.2502$$

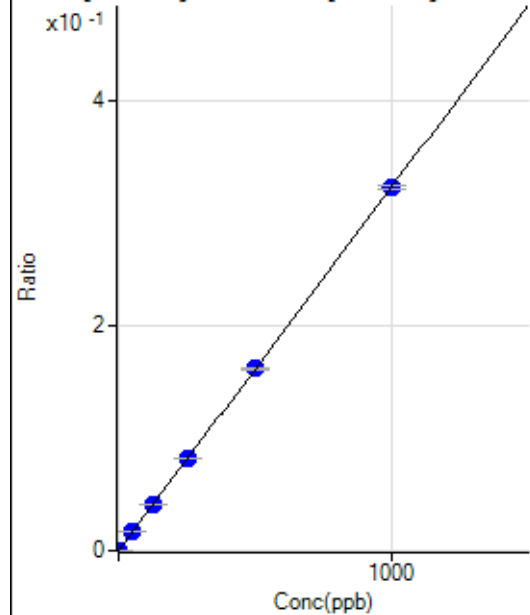
$$BEC = 0.1021$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			292.23		P	6.7
2	☐						
3	☐			306.67		P	11.3
4	☐			298.90		P	3.4
5	☐			282.23		P	5.8
6	☐			304.45		P	8.1
7	☐			236.67		P	5.1
8	☐			252.23		P	18.8
9	☐			325.57		P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	469.47	0.0001	P	8.2
2	☐	0.100					
3	☐	1.000	0.916	2689.26	0.0004	P	9.4
4	☐	50.000	51.021	122319.92	0.0166	P	1.0
5	☐	125.000	126.899	292135.15	0.0411	P	1.1
6	☐	250.000	253.972	555475.35	0.0822	P	0.7
7	☐	500.000	501.324	1084329.44	0.1621	P	0.7
8	☐	1000.000	998.057	2174381.21	0.3227	P	1.2
9	☐			10395.84	0.0016	P	3.0

$$y = 3.2324\text{E-}004 * x + 6.4056\text{E-}005$$

$$R = 1.0000$$

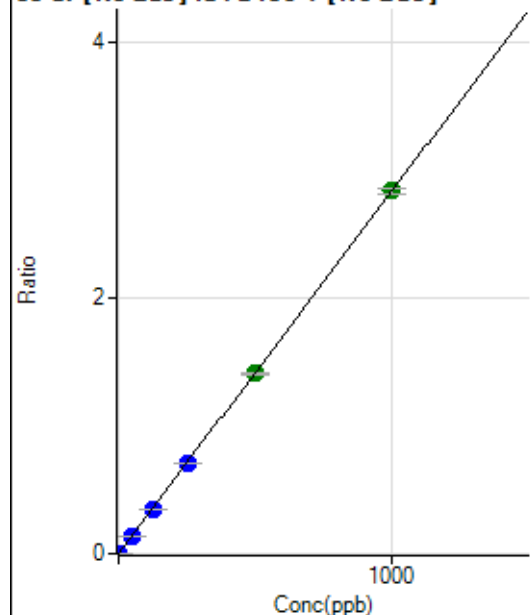
$$DL = 0.04871$$

$$BEC = 0.1982$$

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	91.67	0.0000	P	32.2
2	☐	0.100					
3	☐	1.000	0.921	19600.26	0.0026	P	0.8
4	☐	50.000	50.244	1052613.75	0.1425	P	0.1
5	☐	125.000	124.436	2508983.65	0.3528	P	0.2
6	☐	250.000	248.659	4766950.98	0.7050	P	0.2
7	☐	500.000	496.933	9424434.15	1.4090	A	0.3
8	☐	1000.000	1001.927	19142479.77	2.8408	A	1.3
9	☐			85806.18	0.0130	P	0.8

$$y = 0.0028 * x + 1.2491E-005$$

$$R = 1.0000$$

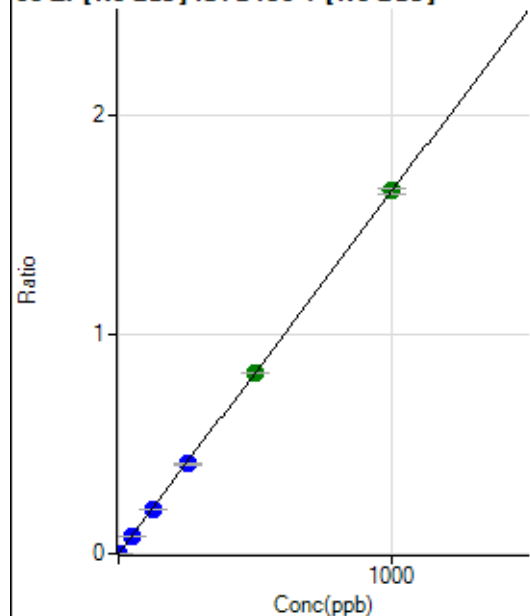
$$DL = 0.004261$$

$$BEC = 0.004406$$

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	391.69	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.922	11780.33	0.0016	P	1.9
4	☐	50.000	49.801	608514.62	0.0824	P	0.4
5	☐	125.000	123.840	1455867.38	0.2047	P	0.3
6	☐	250.000	247.143	2762041.56	0.4085	P	0.5
7	☐	500.000	498.246	5508425.65	0.8235	A	0.6
8	☐	1000.000	1001.746	11156501.29	1.6557	A	1.6
9	☐			5542.96	0.0008	P	2.3

$$y = 0.0017 * x + 5.3378E-005$$

$$R = 1.0000$$

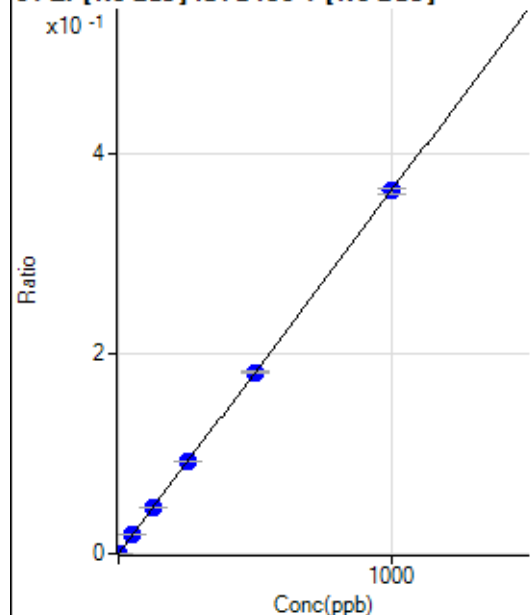
$$DL = 0.01001$$

$$BEC = 0.0323$$

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	105.56	0.0000	P	10.1
2	☐	0.100					
3	☐	1.000	0.978	2761.49	0.0004	P	6.9
4	☐	50.000	50.755	136363.27	0.0185	P	0.9
5	☐	125.000	125.371	324034.58	0.0456	P	0.4
6	☐	250.000	252.189	619643.94	0.0916	P	0.3
7	☐	500.000	500.078	1215471.14	0.1817	P	0.7
8	☐	1000.000	999.330	2446822.67	0.3631	P	1.6
9	☐			1255.66	0.0002	P	4.0

$$y = 3.6335E-004 * x + 1.4404E-005$$

$$R = 1.0000$$

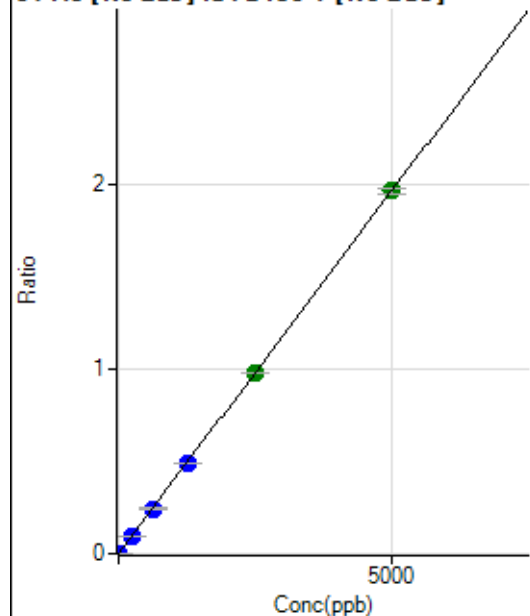
$$DL = 0.01207$$

$$BEC = 0.03964$$

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	205.57	0.0000	P	23.9
2	☐	0.500					
3	☐	5.000	4.838	14360.48	0.0019	P	2.0
4	☐	250.000	250.539	725338.84	0.0982	P	0.9
5	☐	625.000	621.646	1732017.70	0.2436	P	0.7
6	☐	1250.000	1247.519	3304498.79	0.4888	P	0.5
7	☐	2500.000	2492.335	6530971.37	0.9764	A	0.9
8	☐	5000.000	5004.845	13211785.02	1.9607	A	1.6
9	☐			10493.22	0.0016	P	5.2

$$y = 3.9176E-004 * x + 2.7989E-005$$

$$R = 1.0000$$

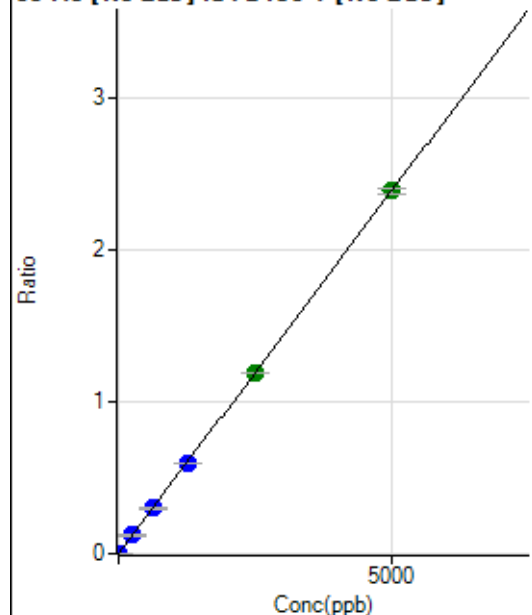
$$DL = 0.05127$$

$$BEC = 0.07145$$

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	47.22	0.0000	P	66.4
2	☐	0.500					
3	☐	5.000	4.877	17458.44	0.0023	P	3.4
4	☐	250.000	252.205	890908.40	0.1206	P	0.4
5	☐	625.000	623.462	2119678.48	0.2981	P	0.5
6	☐	1250.000	1249.987	4040519.28	0.5976	P	0.4
7	☐	2500.000	2494.879	7978342.19	1.1928	A	0.3
8	☐	5000.000	5002.646	16116366.68	2.3917	A	1.3
9	☐			14677.49	0.0022	P	4.9

$$y = 4.7809E-004 * x + 6.4340E-006$$

$$R = 1.0000$$

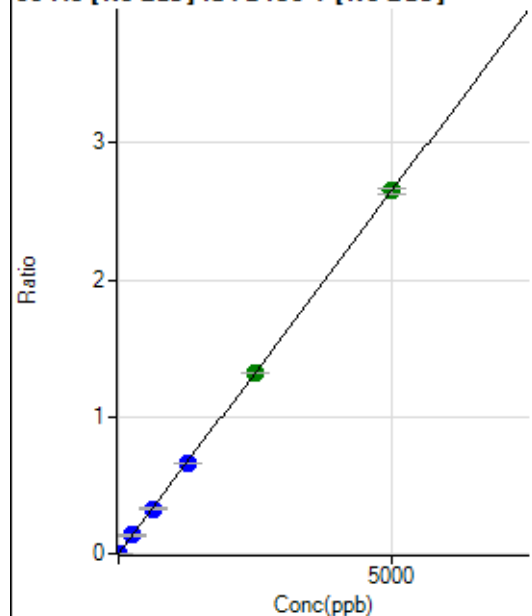
$$DL = 0.02683$$

$$BEC = 0.01346$$

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	119.45	0.0000	P	9.8
2	☐	0.500					
3	☐	5.000	4.891	19450.09	0.0026	P	2.6
4	☐	250.000	252.485	987425.53	0.1337	P	1.1
5	☐	625.000	621.958	2341053.76	0.3292	P	0.8
6	☐	1250.000	1246.251	4460001.45	0.6597	P	0.2
7	☐	2500.000	2490.623	8817770.51	1.3183	A	0.5
8	☐	5000.000	5005.882	17854120.54	2.6496	A	1.3
9	☐			22298.74	0.0034	P	3.1

$$y = 5.2930E-004 * x + 1.6280E-005$$

$$R = 1.0000$$

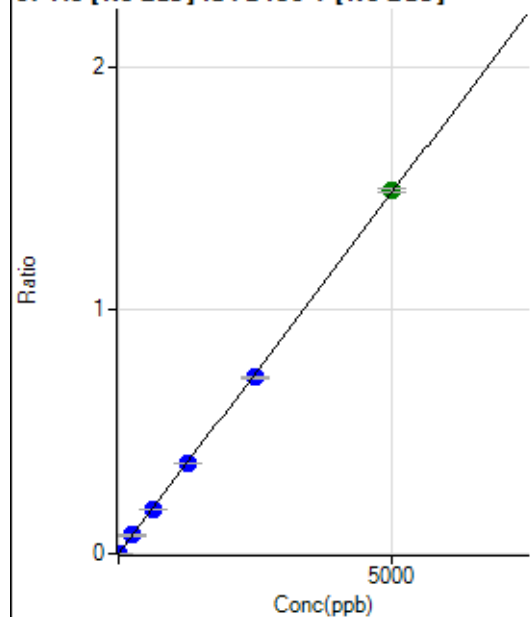
$$DL = 0.009061$$

$$BEC = 0.03076$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.3
2	☐	0.500					
3	☐	5.000	4.950	10985.19	0.0015	P	2.1
4	☐	250.000	253.250	554773.61	0.0751	P	0.3
5	☐	625.000	622.916	1313379.62	0.1847	P	0.7
6	☐	1250.000	1252.255	2510269.96	0.3713	P	0.7
7	☐	2500.000	2440.963	4840837.70	0.7237	P	0.5
8	☐	5000.000	5029.053	10047570.63	1.4911	A	1.2
9	☐			8650.21	0.0013	P	3.9

$$y = 2.9649\text{E-}004 * x + 3.4054\text{E-}006$$

$$R = 0.9999$$

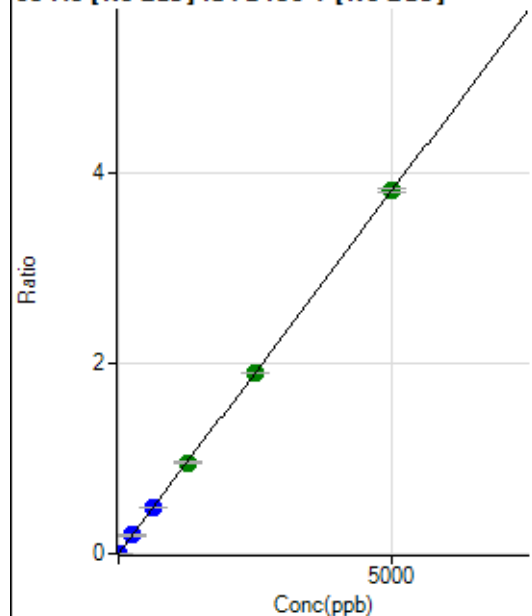
$$DL = 0.01976$$

$$BEC = 0.01149$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	10.3
2	☐	0.500					
3	☐	5.000	4.852	27633.25	0.0037	P	1.8
4	☐	250.000	252.203	1416915.19	0.1918	P	0.3
5	☐	625.000	627.464	3392823.25	0.4771	P	0.6
6	☐	1250.000	1256.301	6458752.83	0.9553	A	0.6
7	☐	2500.000	2486.372	12645851.93	1.8906	A	0.4
8	☐	5000.000	5004.821	25643763.77	3.8056	A	1.2
9	☐			22307.10	0.0034	P	2.0

$$y = 7.6038\text{E-}004 * x + 1.1735\text{E-}005$$

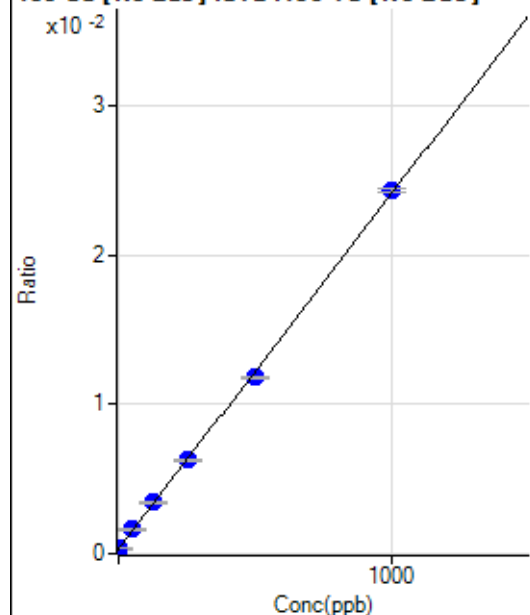
$$R = 1.0000$$

$$DL = 0.004754$$

$$BEC = 0.01543$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2822.64	0.0003	P	5.4
2	☐	0.100					
3	☐	1.000	1.896	3272.73	0.0004	P	4.1
4	☐	50.000	54.590	14530.19	0.0016	P	2.8
5	☐	125.000	130.217	30416.88	0.0034	P	0.5
6	☐	250.000	249.556	54731.52	0.0062	P	0.7
7	☐	500.000	482.502	103524.13	0.0118	P	1.6
8	☐	1000.000	1007.978	217375.55	0.0243	P	1.0
9	☐			2864.31	0.0003	P	6.3

$$y = 2.3767\text{E-}005 * x + 3.1834\text{E-}004$$

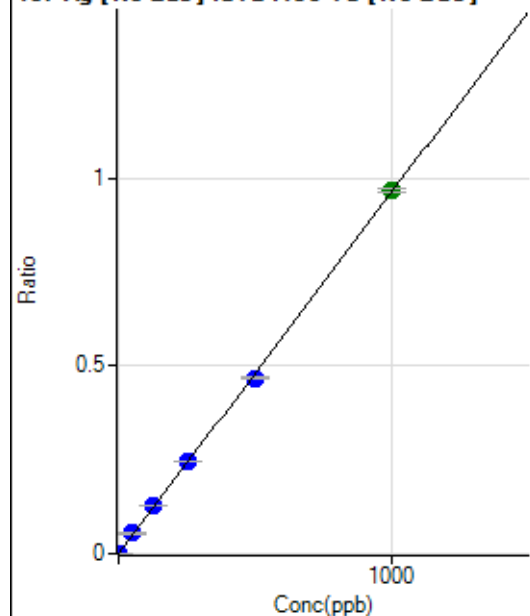
$$R = 0.9997$$

$$DL = 2.152$$

$$BEC = 13.39$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	28.9
2	☐	0.100					
3	☐	1.000	1.123	9792.67	0.0011	P	5.5
4	☐	50.000	56.012	484186.05	0.0538	P	0.6
5	☐	125.000	133.314	1141924.59	0.1281	P	0.9
6	☐	250.000	256.194	2156523.68	0.2462	P	0.3
7	☐	500.000	485.889	4102074.83	0.4670	P	0.6
8	☐	1000.000	1004.167	8642534.39	0.9651	A	0.9
9	☐			972.29	0.0001	P	17.1

$$y = 9.6111\text{E-}004 * x + 8.4499\text{E-}006$$

$$R = 0.9998$$

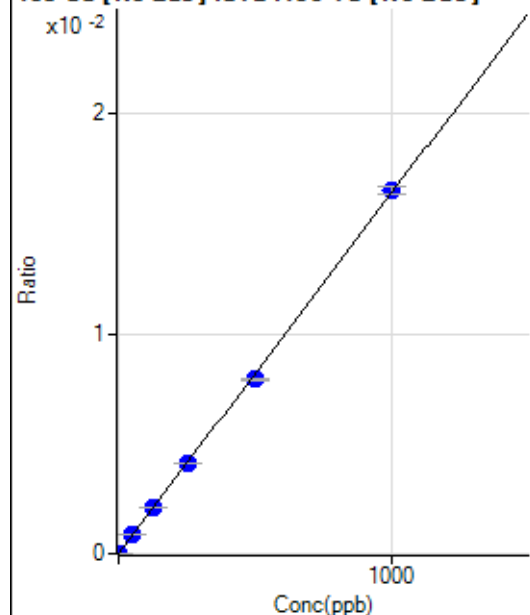
$$DL = 0.007613$$

$$BEC = 0.008792$$

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	8.33	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	1.092	169.45	0.0000	P	12.4
4	☐	50.000	53.688	7913.47	0.0009	P	2.2
5	☐	125.000	129.720	18935.11	0.0021	P	0.8
6	☐	250.000	250.491	35926.24	0.0041	P	1.6
7	☐	500.000	484.906	69745.77	0.0079	P	1.3
8	☐	1000.000	1006.650	147587.95	0.0165	P	2.0
9	☐			61.11	0.0000	P	21.5

$$y = 1.6373\text{E-}005 * x + 9.3976\text{E-}007$$

$$R = 0.9998$$

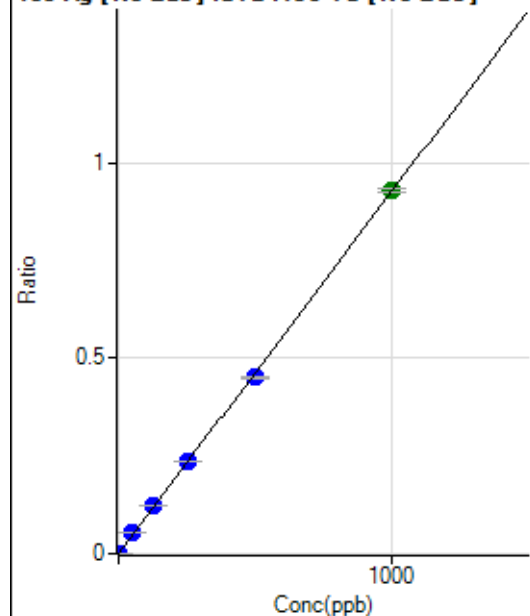
$$DL = 0.08554$$

$$BEC = 0.0574$$

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	36.11	0.0000	P	48.0
2	☐	0.100					
3	☐	1.000	1.088	9108.90	0.0010	P	1.9
4	☐	50.000	56.092	467089.46	0.0519	P	0.8
5	☐	125.000	134.786	1112194.13	0.1248	P	0.2
6	☐	250.000	255.973	2075727.04	0.2370	P	0.2
7	☐	500.000	488.486	3972928.00	0.4523	P	1.0
8	☐	1000.000	1002.736	8314025.36	0.9285	A	1.2
9	☐			961.19	0.0001	P	4.6

$$y = 9.2592\text{E-}004 * x + 4.0753\text{E-}006$$

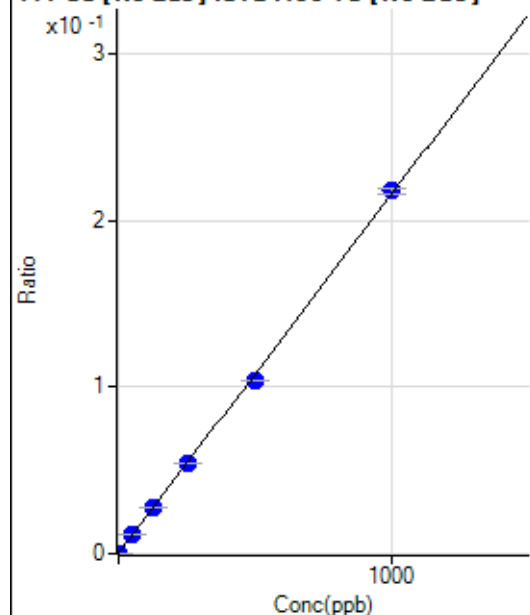
$$R = 0.9998$$

$$DL = 0.006333$$

$$BEC = 0.004401$$

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	1976.96	0.0002	P	5.5
2	☐	0.100					
3	☐	1.000	1.069	4084.97	0.0005	P	2.7
4	☐	50.000	53.600	105981.43	0.0118	P	1.0
5	☐	125.000	128.707	249404.11	0.0280	P	0.2
6	☐	250.000	249.942	474133.78	0.0541	P	0.5
7	☐	500.000	480.518	912440.73	0.1039	P	0.6
8	☐	1000.000	1009.112	1951182.29	0.2179	P	1.4
9	☐			2288.64	0.0003	P	5.1

$$y = 2.1571\text{E-}004 * x + 2.2296\text{E-}004$$

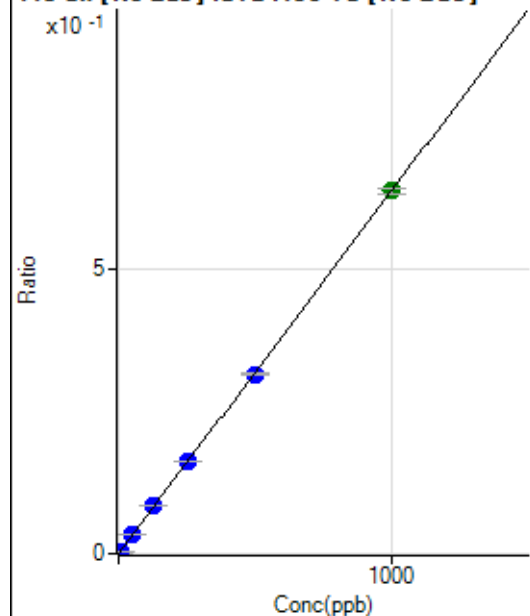
$$R = 0.9997$$

$$DL = 0.1695$$

$$BEC = 1.034$$

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	502.81	0.0001	P	11.8
2	☐	0.500					
3	☐	5.000	5.080	29746.26	0.0033	P	2.3
4	☐	50.000	53.517	308037.08	0.0343	P	1.0
5	☐	125.000	131.289	748126.53	0.0840	P	0.2
6	☐	250.000	255.363	1429553.95	0.1632	P	1.1
7	☐	500.000	495.350	2780873.74	0.3166	P	0.7
8	☐	1000.000	1000.022	5722639.75	0.6391	A	1.4
9	☐			5304.02	0.0006	P	3.1

$$y = 6.3900\text{E-}004 * x + 5.6732\text{E-}005$$

$$R = 1.0000$$

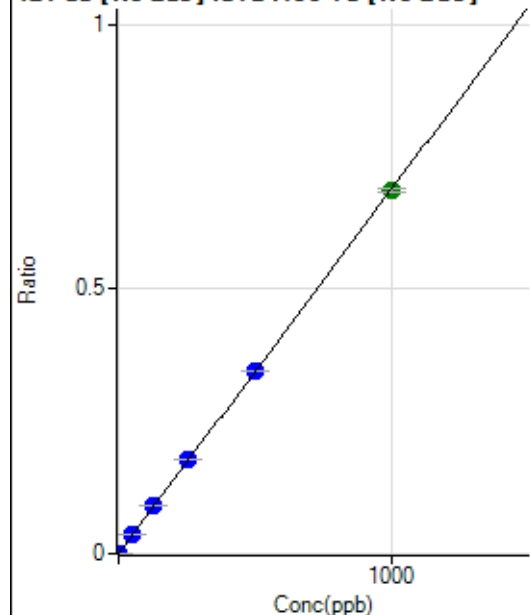
$$DL = 0.03139$$

$$BEC = 0.08878$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.0
2	☐	0.200					
3	☐	2.000	1.998	12419.82	0.0014	P	2.2
4	☐	50.000	53.778	333224.39	0.0371	P	0.6
5	☐	125.000	132.484	813469.06	0.0913	P	0.5
6	☐	250.000	258.624	1560545.35	0.1782	P	0.4
7	☐	500.000	502.295	3039883.73	0.3461	P	0.4
8	☐	1000.000	995.572	6142299.57	0.6859	A	1.2
9	☐			7185.50	0.0008	P	4.7

$$y = 6.8898E-004 * x + 2.8247E-006$$

$$R = 0.9999$$

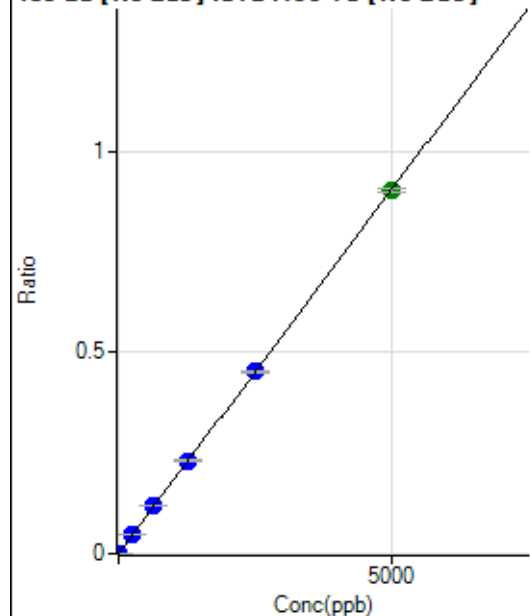
$$DL = 0.004184$$

$$BEC = 0.0041$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	26.1
2	☐	1.000					
3	☐	10.000	10.363	16922.04	0.0019	P	1.6
4	☐	250.000	267.754	435728.65	0.0485	P	0.8
5	☐	625.000	656.038	1057927.44	0.1187	P	0.6
6	☐	1250.000	1279.098	2027061.18	0.2315	P	0.5
7	☐	2500.000	2504.540	3980817.84	0.4532	P	0.8
8	☐	5000.000	4985.687	8078454.61	0.9022	A	1.2
9	☐			1572.38	0.0002	P	6.2

$$y = 1.8095E-004 * x + 4.0688E-006$$

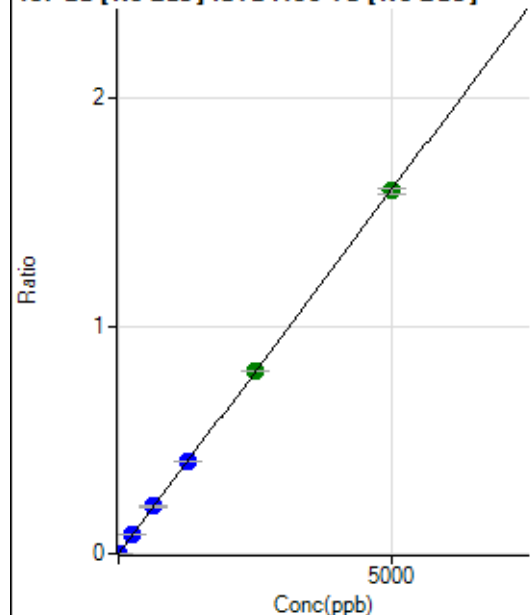
$$R = 1.0000$$

$$DL = 0.01758$$

$$BEC = 0.02249$$

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	11.11	0.0000	P	115.
2	☐	1.000					
3	☐	10.000	10.101	29114.64	0.0032	P	0.5
4	☐	250.000	264.679	761494.98	0.0847	P	0.3
5	☐	625.000	647.712	1846687.56	0.2072	P	0.3
6	☐	1250.000	1267.302	3550845.30	0.4054	P	0.2
7	☐	2500.000	2515.004	7067877.94	0.8046	A	0.1
8	☐	5000.000	4984.600	14279948.58	1.5947	A	1.3
9	☐			2794.86	0.0003	P	6.2

$$y = 3.1993\text{E-}004 * x + 1.2604\text{E-}006$$

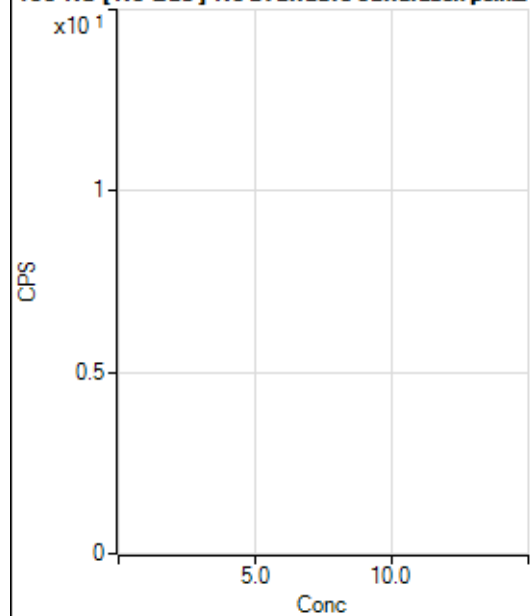
$$R = 1.0000$$

$$DL = 0.01359$$

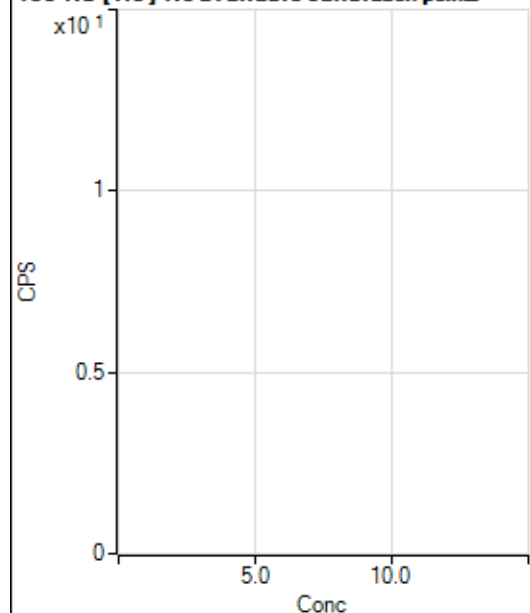
$$BEC = 0.003939$$

Weight: <None>

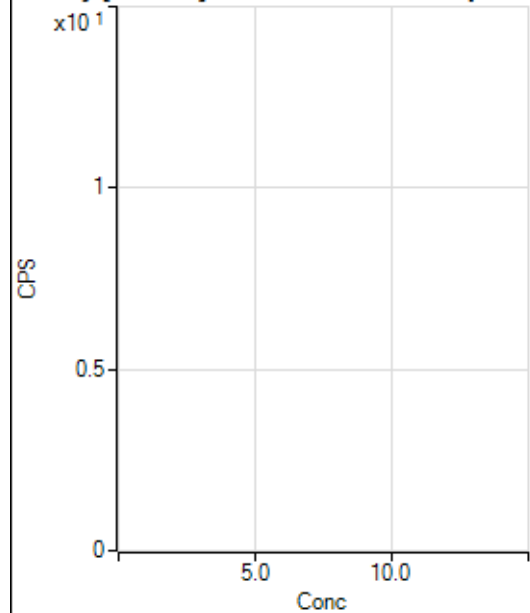
Min Conc: 0

150 Nd [No Gas] No available calibration points

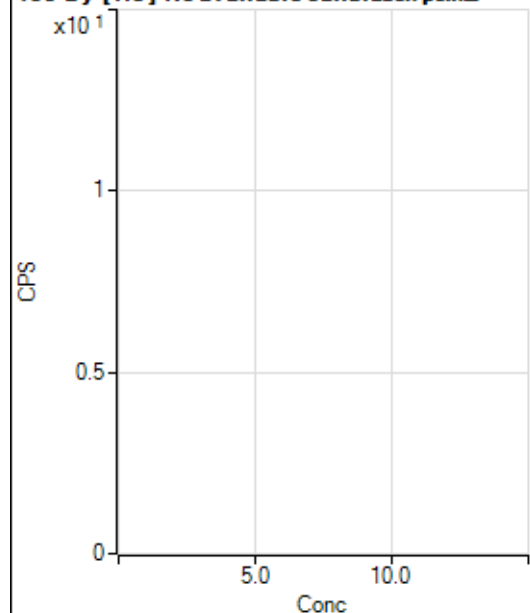
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			33.33		P	20.0
5	☐			137.78		P	27.5
6	☐			251.12		P	16.0
7	☐			468.91		P	8.1
8	☐			824.50		P	9.6
9	☐			135.56		P	10.2

150 Nd [He] No available calibration points

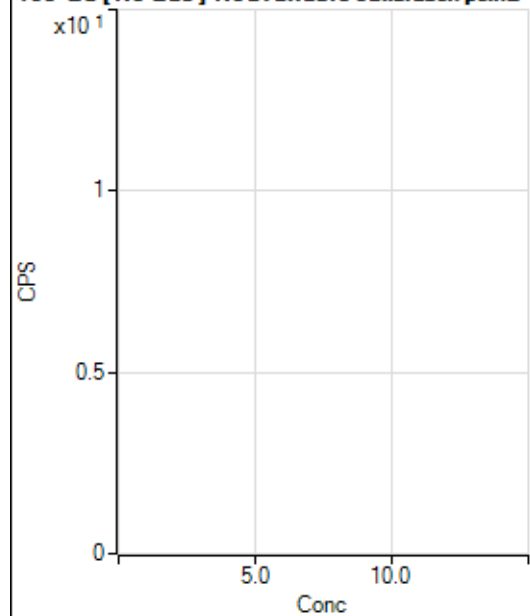
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			5.55		P	69.3
5	☐			15.55		P	68.9
6	☐			25.55		P	65.7
7	☐			58.89		P	42.5
8	☐			85.56		P	28.2
9	☐			48.89		P	47.9

156 Dy [No Gas] No available calibration points

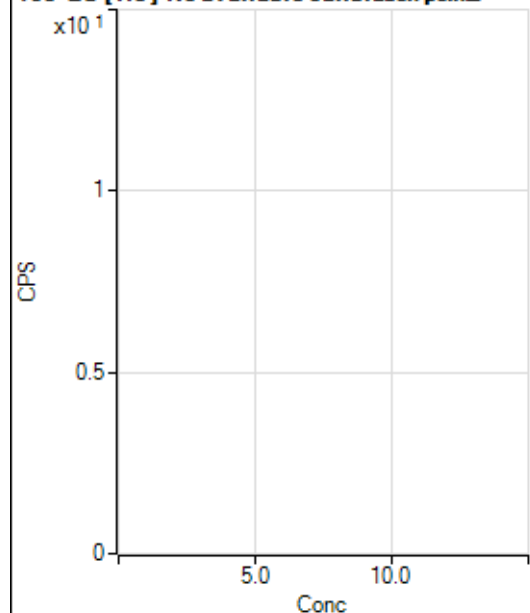
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐						
3	☐			16.67		P	50.0
4	☐			11.11		P	43.3
5	☐			27.78		P	17.3
6	☐			33.34		P	43.3
7	☐			111.12		P	24.1
8	☐			158.34		P	21.1
9	☐			75.00		P	33.3

156 Dy [He] No available calibration points

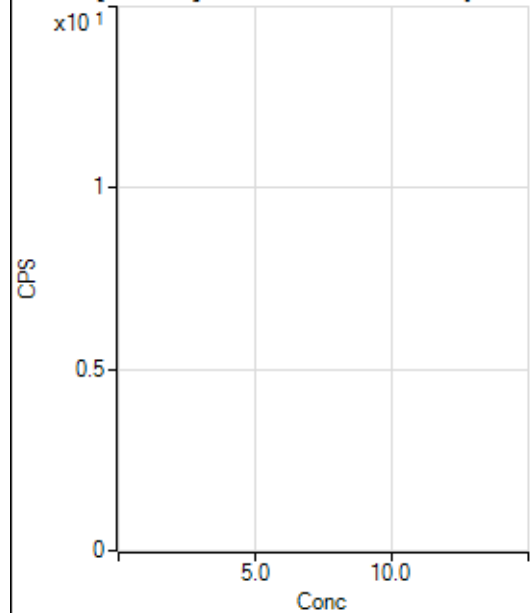
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			4.44		P	43.4
4	☐			8.89		P	43.3
5	☐			24.44		P	7.9
6	☐			23.33		P	24.7
7	☐			64.44		P	13.0
8	☐			122.23		P	15.0
9	☐			37.78		P	18.4

160 Gd [No Gas] Noavailable calibration poin_

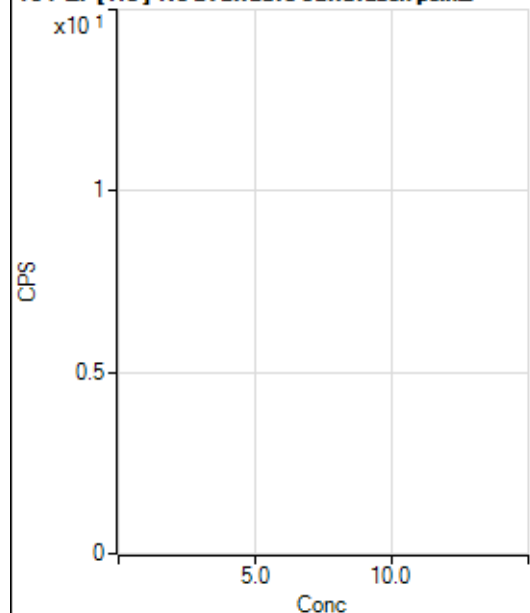
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	54.1
2	☐						
3	☐			52.78		P	39.7
4	☐			33.33		P	50.0
5	☐			38.89		P	65.5
6	☐			30.56		P	56.8
7	☐			58.34		P	51.5
8	☐			100.01		P	33.3
9	☐			102.78		P	16.9

160 Gd [He] No available calibration points

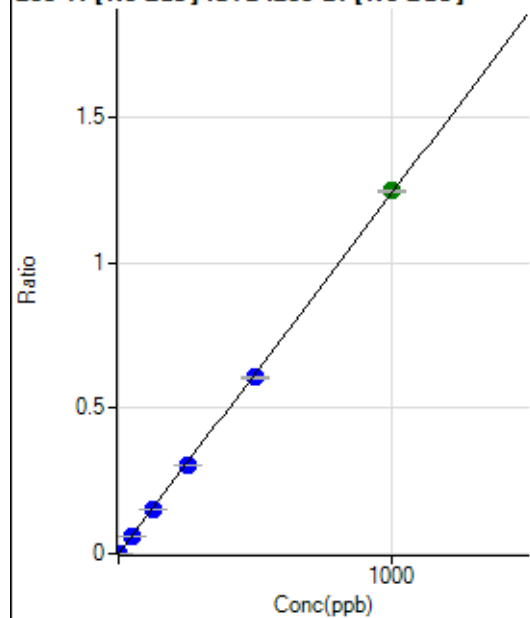
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	13.4
2	☐						
3	☐			141.11		P	8.3
4	☐			115.56		P	29.2
5	☐			106.67		P	13.6
6	☐			147.78		P	20.2
7	☐			132.23		P	1.5
8	☐			138.89		P	18.6
9	☐			130.00		P	15.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.
2	☐						
3	☐			25.00		P	57.7
4	☐			36.11		P	35.3
5	☐			33.33		P	25.0
6	☐			38.89		P	68.9
7	☐			47.22		P	10.2
8	☐			44.45		P	28.7
9	☐			44.45		P	39.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐						
3	☐			14.44		P	58.1
4	☐			14.44		P	13.4
5	☐			14.44		P	58.1
6	☐			22.22		P	37.8
7	☐			11.11		P	75.5
8	☐			14.44		P	53.3
9	☐			22.22		P	48.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0000	P	52.6
2	☐	0.100					
3	☐	1.000	0.843	6435.14	0.0011	P	3.4
4	☐	50.000	48.496	363914.64	0.0602	P	0.8
5	☐	125.000	121.537	904711.48	0.1508	P	0.6
6	☐	250.000	244.696	1783386.76	0.3035	P	0.4
7	☐	500.000	488.899	3535998.82	0.6064	P	0.3
8	☐	1000.000	1007.384	7277618.04	1.2494	A	0.7
9	☐			1619.61	0.0003	P	2.6

$$y = 0.0012 * x + 1.8303E-005$$

$$R = 0.9999$$

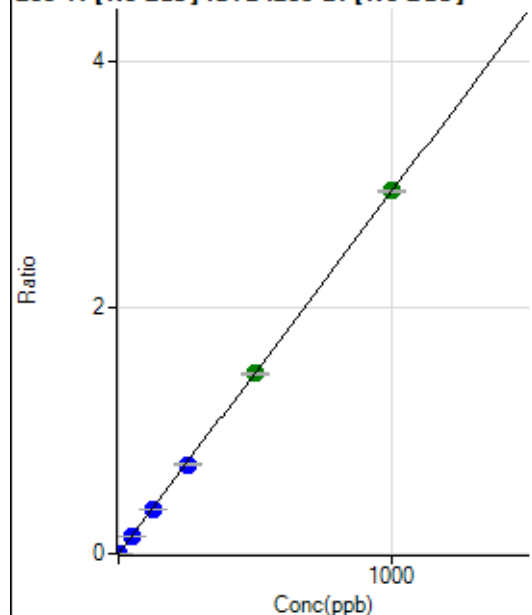
$$DL = 0.02327$$

$$BEC = 0.01476$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.13	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	0.913	16602.60	0.0027	P	2.0
4	☐	50.000	48.929	868938.65	0.1437	P	0.5
5	☐	125.000	122.920	2165312.18	0.3608	P	1.0
6	☐	250.000	246.358	4248828.78	0.7231	P	0.6
7	☐	500.000	497.448	8513728.14	1.4600	A	0.3
8	☐	1000.000	1002.500	17138326.77	2.9422	A	0.3
9	☐			3764.58	0.0008	P	4.2

$$y = 0.0029 * x + 6.3814E-005$$

$$R = 1.0000$$

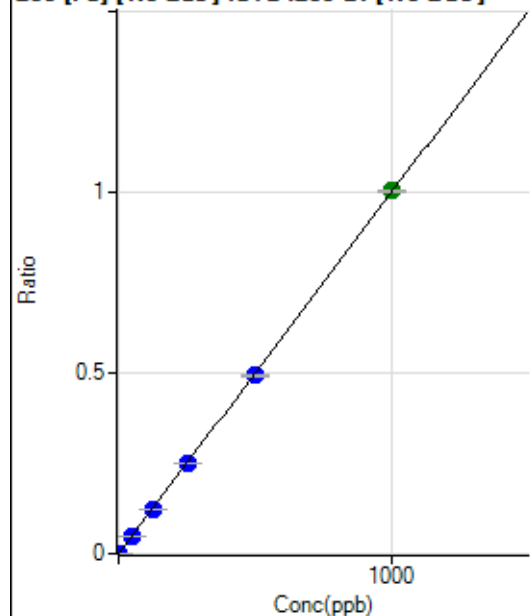
$$DL = 0.008278$$

$$BEC = 0.02174$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	359.27	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.900	5794.01	0.0010	P	1.7
4	☐	50.000	49.494	299286.87	0.0495	P	0.3
5	☐	125.000	123.605	741035.20	0.1235	P	0.7
6	☐	250.000	250.235	1468573.21	0.2499	P	0.2
7	☐	500.000	492.367	2867189.01	0.4917	P	0.7
8	☐	1000.000	1003.958	5839591.85	1.0025	A	0.5
9	☐			6494.38	0.0013	P	4.7

$$y = 9.9852E-004 * x + 5.9363E-005$$

$$R = 1.0000$$

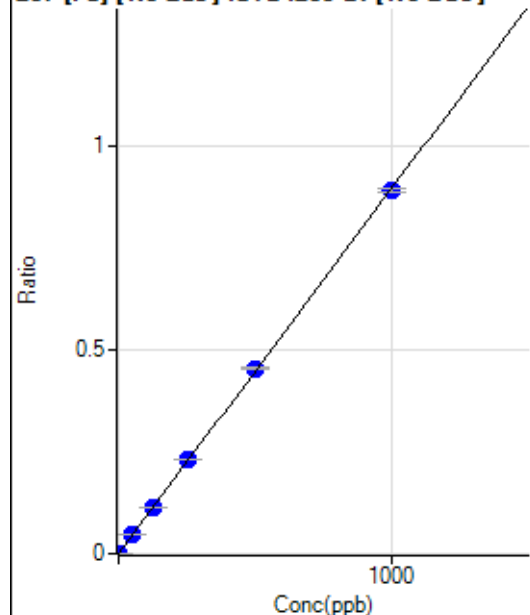
$$DL = 0.01662$$

$$BEC = 0.05945$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	379.65	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.870	5088.14	0.0008	P	3.2
4	☐	50.000	50.638	274417.77	0.0454	P	0.3
5	☐	125.000	127.011	682336.24	0.1137	P	1.0
6	☐	250.000	256.292	1347794.89	0.2294	P	0.4
7	☐	500.000	508.260	2652119.10	0.4548	P	0.6
8	☐	1000.000	994.014	5180544.44	0.8894	P	1.1
9	☐			5625.41	0.0011	P	0.7

$$y = 8.9471\text{E-}004 * x + 6.2683\text{E-}005$$

$$R = 0.9999$$

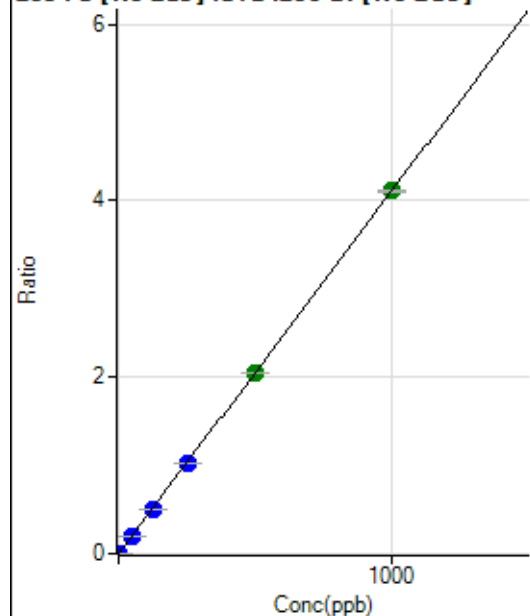
$$DL = 0.02399$$

$$BEC = 0.07006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1551.93	0.0003	P	3.3
2	☐	0.100					
3	☐	1.000	0.892	23697.89	0.0039	P	1.5
4	☐	50.000	49.346	1227166.81	0.2029	P	0.2
5	☐	125.000	123.257	3038893.43	0.5064	P	0.6
6	☐	250.000	249.320	6017254.69	1.0240	P	0.2
7	☐	500.000	498.524	11938550.90	2.0473	A	0.4
8	☐	1000.000	1001.159	23947034.96	4.1113	A	0.8
9	☐			26164.59	0.0053	P	0.2

$$y = 0.0041 * x + 2.5627\text{E-}004$$

$$R = 1.0000$$

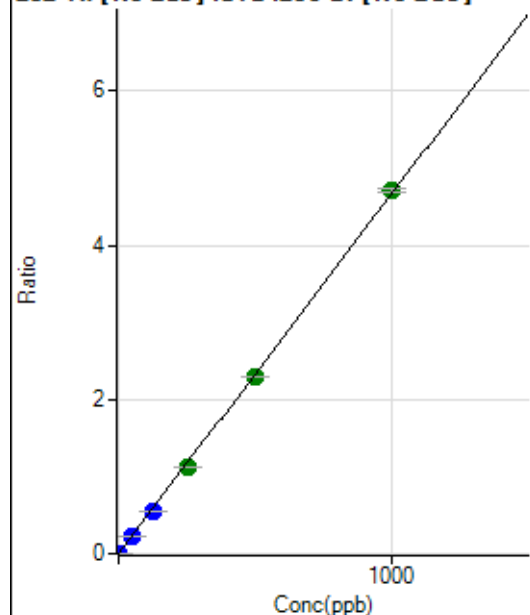
$$DL = 0.006185$$

$$BEC = 0.06241$$

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	109.26	0.0000	P	15.2
2	☐	0.100					
3	☐	1.000	0.824	23356.49	0.0039	P	0.4
4	☐	50.000	45.573	1285410.20	0.2125	P	0.4
5	☐	125.000	115.557	3233733.55	0.5388	P	0.4
6	☐	250.000	239.649	6566166.93	1.1175	A	0.6
7	☐	500.000	490.507	13337188.49	2.2872	A	0.3
8	☐	1000.000	1008.736	27397827.93	4.7036	A	1.0
9	☐			5306.80	0.0011	P	3.5

$$y = 0.0047 * x + 1.8039E-005$$

$$R = 0.9999$$

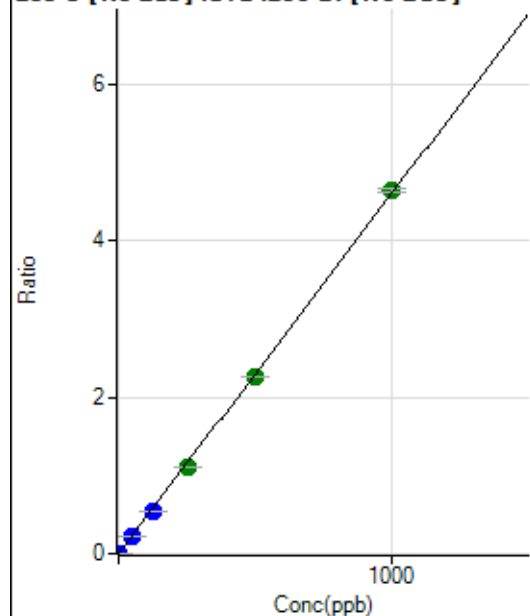
$$DL = 0.001765$$

$$BEC = 0.003869$$

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	72.22	0.0000	P	52.6
2	☐	0.100					
3	☐	1.000	0.819	22823.59	0.0038	P	0.1
4	☐	50.000	45.636	1267461.82	0.2095	P	0.0
5	☐	125.000	115.753	3189618.34	0.5315	P	0.2
6	☐	250.000	240.653	6492720.85	1.1050	A	0.7
7	☐	500.000	490.622	13136523.04	2.2527	A	0.2
8	☐	1000.000	1008.400	26968725.26	4.6300	A	1.0
9	☐			3217.22	0.0006	P	1.4

$$y = 0.0046 * x + 1.1902E-005$$

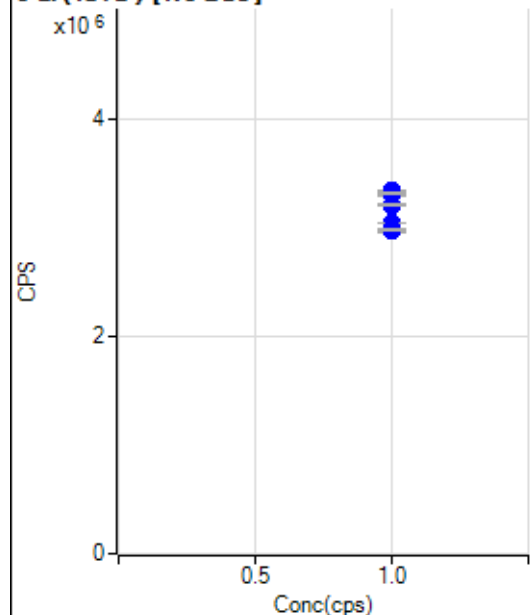
$$R = 0.9999$$

$$DL = 0.004091$$

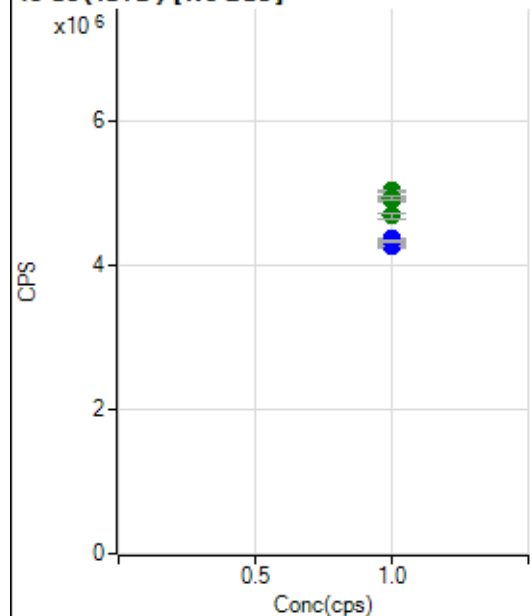
$$BEC = 0.002592$$

Weight: <None>

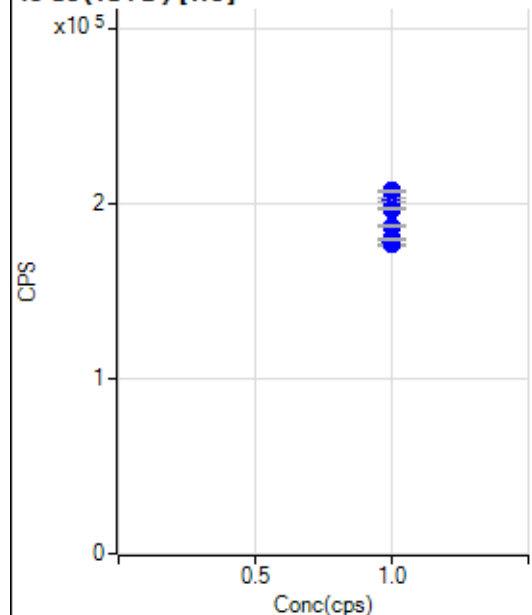
Min Conc: 0

6 Li (ISTD) [No Gas]

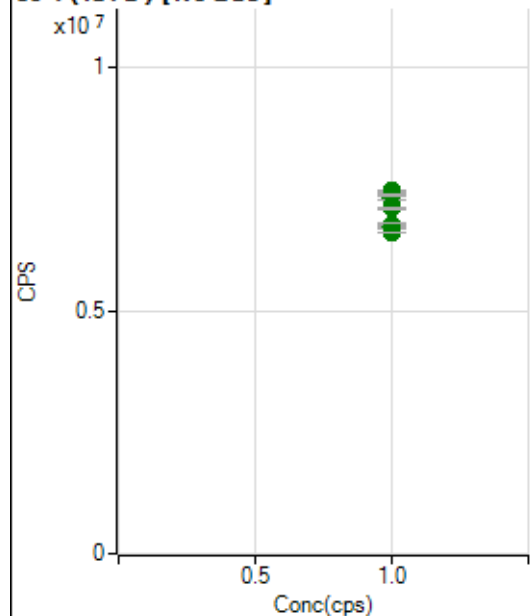
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3314020.19		P	0.9
2	☐	1.000					
3	☐	1.000		3344305.75		P	0.2
4	☐	1.000		3325011.86		P	0.7
5	☐	1.000		3214545.02		P	0.8
6	☐	1.000		3046161.27		P	0.2
7	☐	1.000		2990396.45		P	0.4
8	☐	1.000		2979833.25		P	0.9
9	☐	1.000		2984384.68		P	0.3

45 Sc (ISTD) [No Gas]

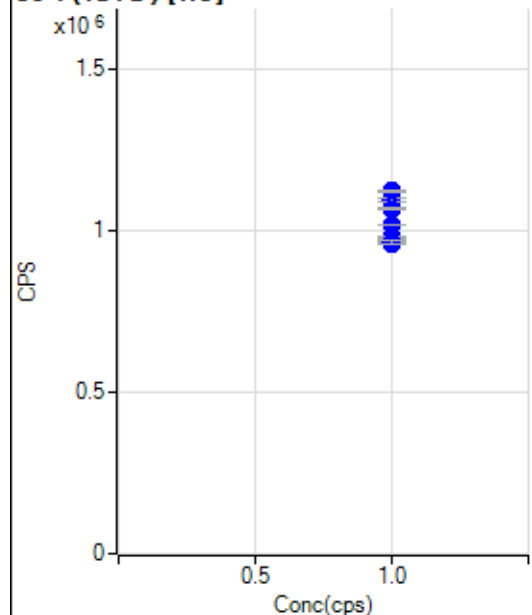
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4909533.57		A	0.9
2	☐	1.000					
3	☐	1.000		5028896.47		A	0.3
4	☐	1.000		4933458.66		A	1.1
5	☐	1.000		4679815.16		A	1.6
6	☐	1.000		4369167.07		P	0.5
7	☐	1.000		4257716.11		P	0.4
8	☐	1.000		4279152.52		P	1.2
9	☐	1.000		4340375.23		P	0.7

45 Sc (ISTD) [He]

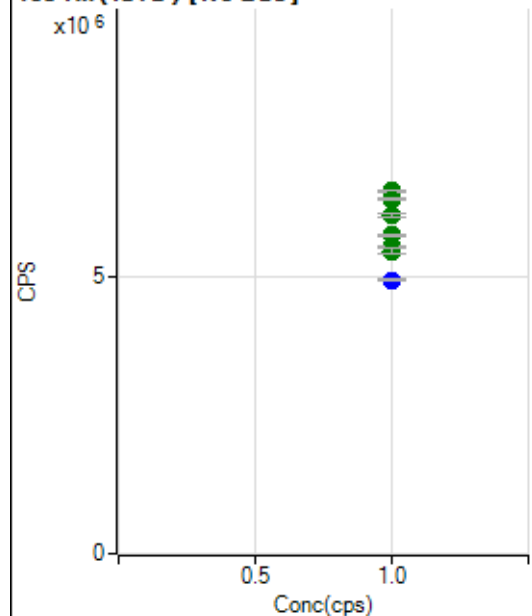
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		202274.52		P	0.8
2	☐	1.000					
3	☐	1.000		207277.39		P	0.6
4	☐	1.000		197177.84		P	0.5
5	☐	1.000		187152.19		P	0.6
6	☐	1.000		179906.03		P	0.8
7	☐	1.000		176542.17		P	0.3
8	☐	1.000		177710.15		P	1.3
9	☐	1.000		179624.01		P	1.0

89 Y (ISTD) [No Gas]

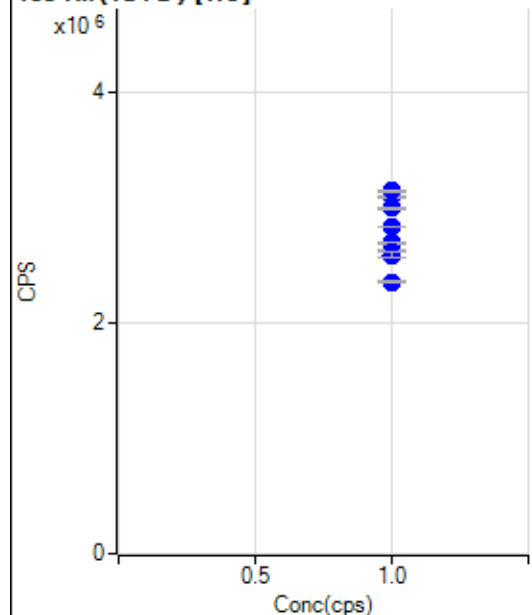
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7333056.00		A	1.0
2	☐	1.000					
3	☐	1.000		7466790.58		A	0.4
4	☐	1.000		7388267.25		A	0.8
5	☐	1.000		7110986.21		A	0.7
6	☐	1.000		6761179.48		A	0.6
7	☐	1.000		6688895.60		A	0.6
8	☐	1.000		6739251.64		A	1.5
9	☐	1.000		6611300.45		A	0.2

89 Y(ISTD) [He]

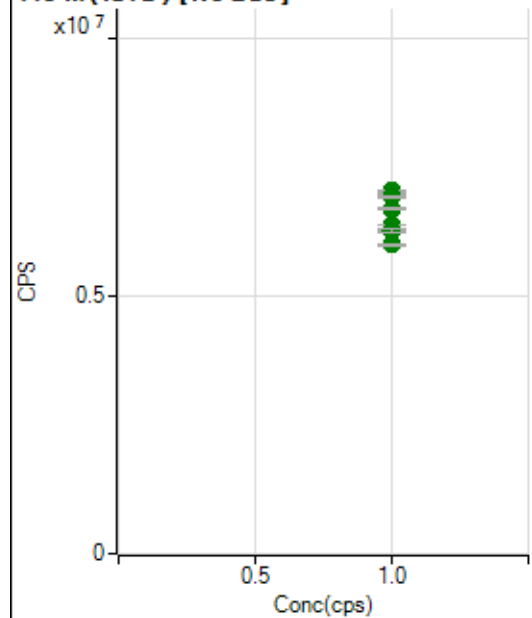
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1098771.11		P	1.1
2	☐	1.000					
3	☐	1.000		1124695.02		P	0.8
4	☐	1.000		1068014.95		P	0.6
5	☐	1.000		1018735.10		P	0.2
6	☐	1.000		980934.86		P	0.8
7	☐	1.000		962049.39		P	0.7
8	☐	1.000		974272.35		P	1.6
9	☐	1.000		965224.25		P	0.7

103 Rh(ISTD) [No Gas]

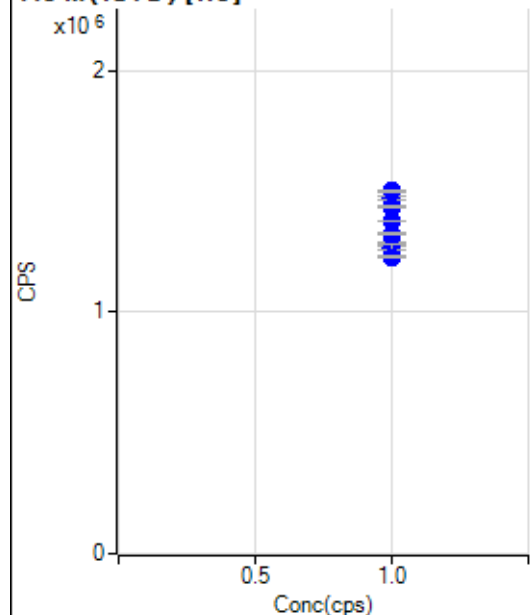
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6416907.13		A	0.6
2	☐	1.000					
3	☐	1.000		6571928.79		A	0.4
4	☐	1.000		6419088.60		A	0.6
5	☐	1.000		6126314.68		A	0.8
6	☐	1.000		5769568.75		A	0.3
7	☐	1.000		5574116.49		A	0.4
8	☐	1.000		5481185.32		A	1.5
9	☐	1.000		4956486.40		P	0.7

103 Rh (ISTD) [He]

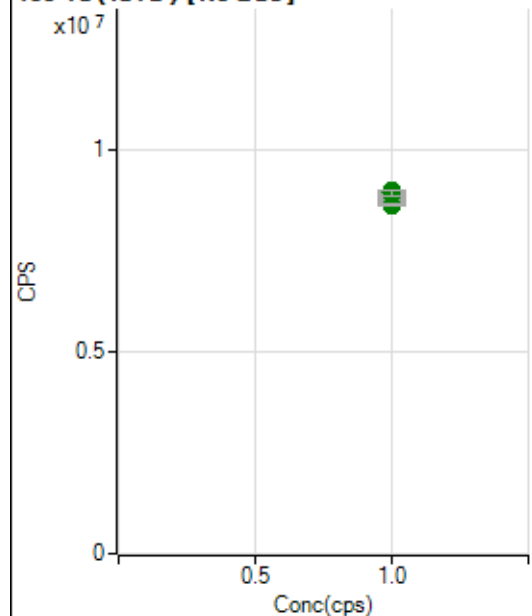
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3086015.72		P	0.9
2	☐	1.000					
3	☐	1.000		3138677.97		P	0.5
4	☐	1.000		2991220.72		P	0.8
5	☐	1.000		2822310.13		P	0.2
6	☐	1.000		2691437.87		P	0.7
7	☐	1.000		2619710.48		P	0.5
8	☐	1.000		2585177.76		P	1.5
9	☐	1.000		2351951.25		P	0.7

115 In (ISTD) [No Gas]

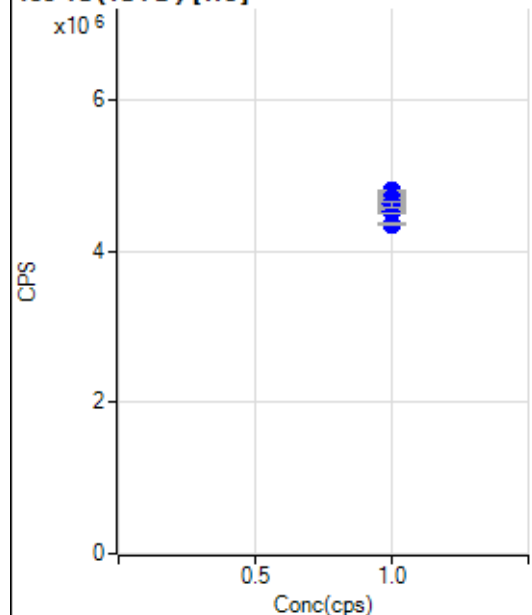
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6948845.79		A	1.2
2	☐	1.000					
3	☐	1.000		7046157.97		A	0.7
4	☐	1.000		6938832.96		A	0.8
5	☐	1.000		6703250.75		A	0.7
6	☐	1.000		6398344.72		A	0.2
7	☐	1.000		6289031.86		A	0.6
8	☐	1.000		6270603.49		A	1.1
9	☐	1.000		6007587.21		A	0.7

115 In (ISTD) [He]

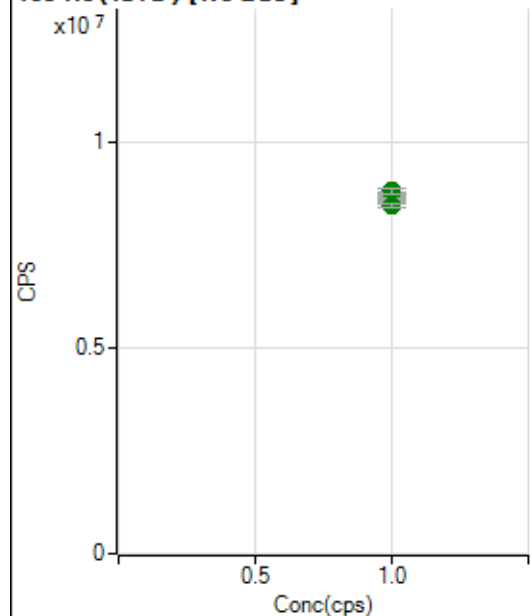
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1476003.11		P	1.1
2	☐	1.000					
3	☐	1.000		1502844.64		P	0.7
4	☐	1.000		1436025.45		P	0.4
5	☐	1.000		1375042.19		P	0.1
6	☐	1.000		1324190.06		P	0.9
7	☐	1.000		1282338.95		P	0.8
8	☐	1.000		1269323.77		P	1.6
9	☐	1.000		1229455.54		P	0.7

159 Tb (ISTD) [No Gas]

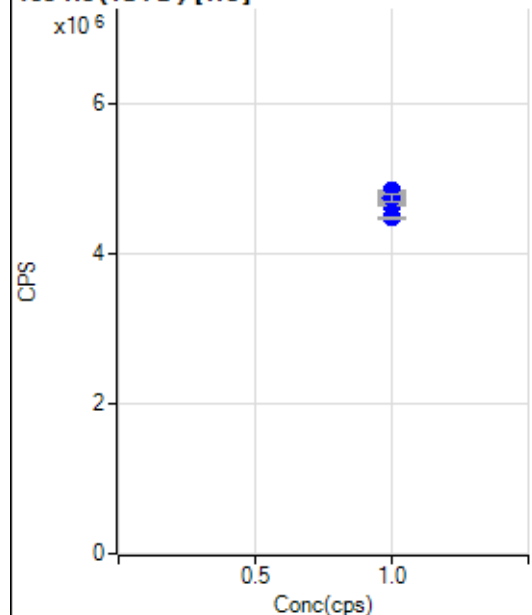
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8864428.62		A	0.7
2	☐	1.000					
3	☐	1.000		9005488.54		A	0.5
4	☐	1.000		8992629.66		A	0.1
5	☐	1.000		8911446.12		A	0.6
6	☐	1.000		8757814.59		A	0.2
7	☐	1.000		8784002.51		A	0.4
8	☐	1.000		8955638.41		A	1.5
9	☐	1.000		8657568.41		A	0.5

159 Tb (ISTD) [He]

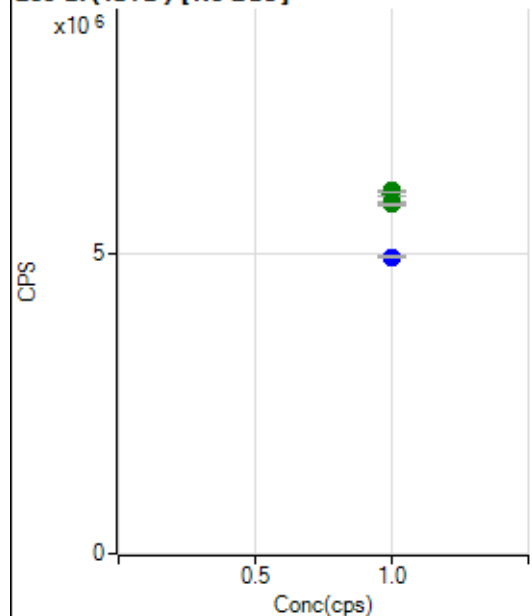
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4735450.66		P	0.7
2	☐	1.000					
3	☐	1.000		4796739.68		P	0.5
4	☐	1.000		4695726.70		P	0.5
5	☐	1.000		4620943.72		P	0.6
6	☐	1.000		4541271.74		P	1.2
7	☐	1.000		4529754.90		P	0.9
8	☐	1.000		4616870.97		P	1.9
9	☐	1.000		4355094.10		P	0.7

165 Ho (ISTD) [No Gas]

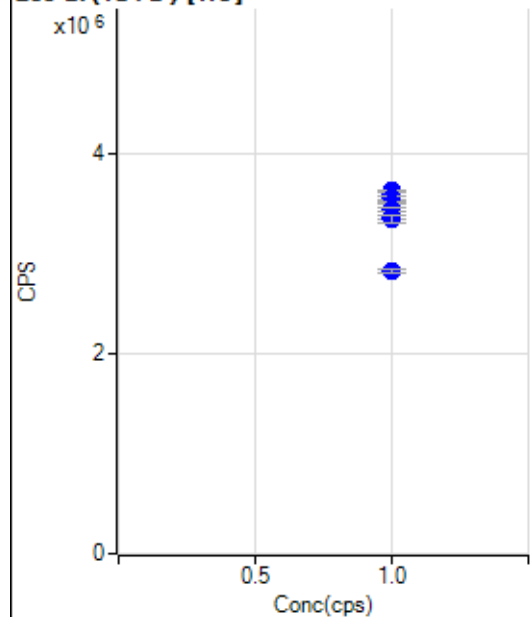
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8659449.67		A	0.7
2	☐	1.000					
3	☐	1.000		8772932.58		A	0.8
4	☐	1.000		8766108.27		A	0.3
5	☐	1.000		8688202.02		A	0.1
6	☐	1.000		8572542.73		A	0.2
7	☐	1.000		8619697.42		A	0.6
8	☐	1.000		8831819.90		A	1.3
9	☐	1.000		8468692.81		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4791022.95		P	0.7
2	☐	1.000					
3	☐	1.000		4828631.32		P	0.4
4	☐	1.000		4779466.63		P	1.0
5	☐	1.000		4717987.19		P	0.7
6	☐	1.000		4647840.45		P	1.1
7	☐	1.000		4637196.08		P	0.5
8	☐	1.000		4731728.71		P	2.1
9	☐	1.000		4469958.51		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6055005.05		A	0.8
2	☐	1.000					
3	☐	1.000		6049010.88		A	0.5
4	☐	1.000		6048571.23		A	0.3
5	☐	1.000		6001361.79		A	0.6
6	☐	1.000		5876080.33		A	0.4
7	☐	1.000		5831444.78		A	0.8
8	☐	1.000		5825017.21		A	0.9
9	☐	1.000		4953055.76		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3598413.53		P	1.0
2	☐	1.000					
3	☐	1.000		3633946.40		P	0.8
4	☐	1.000		3561801.48		P	0.9
5	☐	1.000		3507839.57		P	0.4
6	☐	1.000		3453805.85		P	1.3
7	☐	1.000		3373410.78		P	0.7
8	☐	1.000		3348034.57		P	2.1
9	☐	1.000		2833091.14		P	1.0

US EPA Tune Check Sample Report

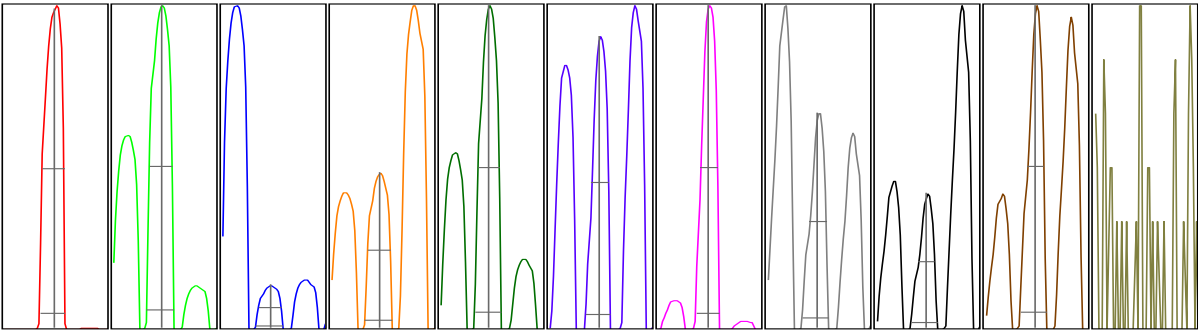
Batch Folder D:\ICP-MS Data\P7010819.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8799	0.85	5.00	
24	66865	0.97	5.00	
25	8901	0.83	5.00	
26	10180	0.92	5.00	
59	48177	0.88	5.00	
113	6410	1.72	5.00	
115	78440	3.75	5.00	
206	18013	0.98	5.00	
207	16380	0.58	5.00	
208	39369	1.00	5.00	
220	0	79.06		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8717	8734	8815	8825	8902
24	66119	66264	67016	67337	67590
25	8811	8839	8910	8966	8978
26	10063	10119	10219	10194	10305
59	47736	47761	48228	48464	48696
113	6535	6499	6419	6298	6299
115	82301	80560	77801	76304	75235
206	17788	17893	18018	18145	18221
207	16247	16324	16396	16471	16463
208	38799	39254	39306	39780	39703
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14814	9.00	8.9 - 9.1		0.740	0.900	
24	107682	23.95	23.9 - 24.1		0.786	0.900	
25	14392	24.95	24.9 - 25.1		0.787	0.900	
26	16459	25.95	25.9 - 26.1		0.785	0.900	
59	84628	58.95	58.9 - 59.1		0.776	0.900	
113	12927	113.00	112.9 - 113.1		0.716	0.900	
115	158698	115.00	114.9 - 115.1		0.687	0.900	
206	37408	206.00	205.9 - 206.1		0.763	0.900	
207	34036	207.00	206.9 - 207.1		0.766	0.900	
208	81651	208.00	207.9 - 208.1		0.769	0.900	
220	0	219.75	-		0.250		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.7	V	Deflect	14.4	V
Extract 2	-90.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11288	0.49	
89	16301	0.75	
205	16125	0.74	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11318	11320	11309	11303	11190
89	16447	16385	16294	16245	16134
205	16324	16060	16133	16091	16018

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V	Deflect	1.6	V
Extract 2	-75.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-42	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:07:17 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	0.03	0.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.05	0.01	0.04	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.05	-0.12	0.08	0.00	N/A	ppb
Boron	11-1	0.08	-0.07	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.03	0.03	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.46	0.37	-0.83	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	0.17	-1.39	1.22	0.00	N/A	ppb
Calcium	44-1	0.19	-0.72	0.53	0.00	N/A	ppb
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.10	0.02	0.09	0.00	N/A	ppb
Iron	57-2	0.49	0.21	-0.70	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	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	0.11	-0.17	0.06	0.00	N/A	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:07:17	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-28.13	-24.63	-24.89	-25.89		ppb
Potassium	39-2	1.67	-2.74	1.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.54	-0.03	-0.51	0.00	N/A	ppb
Selenium	82-1	-0.08	0.09	-0.01	0.00	N/A	ppb
Silicon	28-1	-0.02	-0.17	0.20	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.54	-0.08	0.62	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	13.07	-27.85	84.43	23.22	244.78	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.03	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:07:17	DataFile Name :	003CALB.d

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

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	19.51	19.48	19.08	3.78	ppb
Antimony	121-1	2.04	1.95	2.00	2.00	2.18	ppb
Arsenic	75-1	0.95	0.97	1.27	1.06	17.08	ppb
Barium	135-1	10.26	10.28	10.55	10.36	1.56	ppb
Barium	137-1	10.15	10.10	10.05	10.10	0.48	ppb
Beryllium	9-1	0.98	1.11	0.99	1.03	7.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.06	23.35	23.34	23.58	1.73	ppb
Boron	11-1	23.28	23.84	23.82	23.64	1.35	ppb
Cadmium	111-1	1.04	1.13	1.04	1.07	5.21	ppb
Cadmium	106-1	1.76	2.58	1.35	1.90	33.17	ppb
Cadmium	108-1	1.12	1.22	0.94	1.09	13.04	ppb
Calcium	43-1	439.16	455.81	449.66	448.21	1.88	ppb
Calcium	44-1	448.38	448.94	443.87	447.06	0.62	ppb
Chromium	52-2	2.00	1.94	2.02	1.99	2.27	ppb
Cobalt	59-2	1.02	1.00	1.00	1.01	1.05	ppb
Copper	63-2	2.05	2.15	2.09	2.10	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	55.04	54.57	54.97	54.86	0.45	ppb
Iron	57-2	54.07	50.72	59.18	54.66	7.79	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.89	0.90	0.90	1.76	ppb
Lead	207-1	0.89	0.84	0.88	0.87	3.41	ppb
Lead	208-1	0.91	0.88	0.89	0.89	1.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	487.80	479.64	487.46	484.97	0.95	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.94	1.01	0.99	3.90	ppb
Molybdenum	94-1	4.77	4.95	4.80	4.84	2.02	ppb
Molybdenum	95-1	4.91	4.70	5.02	4.88	3.41	ppb
Molybdenum	96-1	4.94	4.99	4.75	4.89	2.61	ppb
Molybdenum	97-1	5.07	4.86	4.92	4.95	2.12	ppb
Molybdenum	98-1	4.84	4.77	4.95	4.85	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.09	1.03	1.08	4.42	ppb
Phosphorus	31-2	36.96	15.31	25.39	25.89	41.85	ppb
Potassium	39-2	470.33	471.00	471.75	471.03	0.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	5.63	6.52	3.70	5.28	27.30	ppb
Selenium	78-2	5.09	4.81	6.80	5.57	19.38	ppb
Selenium	82-1	5.39	5.56	5.21	5.39	3.24	ppb
Silicon	28-1	8.65	8.77	8.56	8.66	1.23	ppb
Silver	109-1	1.07	1.09	1.11	1.09	1.87	ppb
Silver	107-1	1.06	1.13	1.18	1.12	5.53	ppb
Sodium	23-2	463.48	451.55	454.39	456.48	1.37	ppb
Strontium	86-1	1.00	0.95	0.80	0.92	11.47	ppb
Strontium	88-1	0.92	0.93	0.92	0.92	0.78	ppb
Sulfur	34-1	-33.46	-20.06	-16.13	-23.22		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.81	0.84	0.87	0.84	3.49	ppb
Thallium	205-1	0.93	0.91	0.90	0.91	2.07	ppb
Thorium	232-1	0.82	0.83	0.82	0.82	0.37	ppb
Tin	118-1	5.21	5.05	4.97	5.08	2.39	ppb
Titanium	47-1	4.77	4.89	4.85	4.84	1.27	ppb
Uranium	238-1	0.82	0.82	0.82	0.82	0.08	ppb
Vanadium	51-2	5.41	5.01	5.03	5.15	4.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	2.14	2.41	2.25	6.37	ppb
Zirconium	90-1	0.90	0.93	0.94	0.92	1.97	ppb
Zirconium	91-1	1.04	0.99	0.90	0.98	7.13	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.22	996.08	985.92	998.07	1.33	ppb
Antimony	121-1	54.13	53.69	53.51	53.78	0.59	ppb
Arsenic	75-1	52.11	51.32	51.18	51.54	0.97	ppb
Barium	135-1	267.34	270.16	265.76	267.75	0.83	ppb
Barium	137-1	263.91	264.58	265.54	264.68	0.31	ppb
Beryllium	9-1	53.83	54.05	54.55	54.14	0.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	50.76	50.34	50.94	50.68	0.61	ppb
Boron	11-1	50.15	51.10	52.38	51.21	2.19	ppb
Cadmium	111-1	54.15	53.61	53.04	53.60	1.03	ppb
Cadmium	106-1	55.96	52.45	55.36	54.59	3.44	ppb
Cadmium	108-1	53.26	55.05	52.75	53.69	2.25	ppb
Calcium	43-1	4785.65	4889.77	4851.54	4842.32	1.09	ppb
Calcium	44-1	4805.39	4829.58	4849.33	4828.10	0.46	ppb
Chromium	52-2	52.38	52.97	52.29	52.54	0.70	ppb
Cobalt	59-2	54.55	55.25	54.79	54.86	0.65	ppb
Copper	63-2	110.78	111.40	110.84	111.01	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2724.08	2715.29	2718.42	2719.26	0.16	ppb
Iron	57-2	2726.16	2733.90	2672.61	2710.89	1.23	ppb
Krypton	83-1						cps
Lead	206-1	49.62	49.32	49.54	49.49	0.32	ppb
Lead	207-1	50.44	50.69	50.78	50.64	0.34	ppb
Lead	208-1	49.31	49.28	49.45	49.35	0.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	5420.74	5375.60	5320.78	5372.37	0.93	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.45	104.41	104.29	104.38	0.08	ppb
Molybdenum	94-1	249.06	249.56	252.99	250.54	0.85	ppb
Molybdenum	95-1	253.08	251.19	252.34	252.20	0.38	ppb
Molybdenum	96-1	250.87	250.94	255.64	252.48	1.08	ppb
Molybdenum	97-1	252.68	252.80	254.27	253.25	0.35	ppb
Molybdenum	98-1	251.39	252.44	252.79	252.20	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.24	55.62	55.77	55.54	0.49	ppb
Phosphorus	31-2	1073.99	995.72	1029.02	1032.91	3.80	ppb
Potassium	39-2	2572.28	2537.48	2530.84	2546.87	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	53.83	51.30	68.90	58.01	16.40	ppb
Selenium	78-2	54.30	53.94	51.23	53.16	3.16	ppb
Selenium	82-1	52.10	52.65	53.93	52.90	1.78	ppb
Silicon	28-1	53.65	55.51	56.29	55.15	2.46	ppb
Silver	109-1	56.31	56.42	55.55	56.09	0.84	ppb
Silver	107-1	56.34	55.99	55.71	56.01	0.56	ppb
Sodium	23-2	5022.33	5011.25	4998.39	5010.65	0.24	ppb
Strontium	86-1	51.29	50.46	51.32	51.02	0.96	ppb
Strontium	88-1	50.23	50.28	50.22	50.24	0.07	ppb
Sulfur	34-1	1004.44	1003.84	1113.06	1040.45	6.04	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	48.79	48.63	48.07	48.50	0.78	ppb
Thallium	205-1	48.68	49.11	48.99	48.93	0.46	ppb
Thorium	232-1	45.59	45.76	45.37	45.57	0.43	ppb
Tin	118-1	54.07	53.42	53.06	53.52	0.95	ppb
Titanium	47-1	251.49	249.35	249.76	250.20	0.46	ppb
Uranium	238-1	45.66	45.61	45.64	45.64	0.05	ppb
Vanadium	51-2	52.66	51.98	52.09	52.25	0.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	105.46	105.42	104.83	105.23	0.33	ppb
Zirconium	90-1	49.64	50.00	49.77	49.80	0.37	ppb
Zirconium	91-1	51.25	50.29	50.72	50.75	0.95	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:23:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2474.65	2468.52	2485.18	2476.11	0.34	ppb
Antimony	121-1	132.99	132.81	131.65	132.48	0.55	ppb
Arsenic	75-1	131.03	128.83	127.43	129.10	1.40	ppb
Barium	135-1	660.27	653.05	654.79	656.04	0.57	ppb
Barium	137-1	650.04	646.84	646.26	647.71	0.31	ppb
Beryllium	9-1	131.09	131.63	130.44	131.05	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	126.42	124.85	124.77	125.35	0.74	ppb
Boron	11-1	125.55	126.99	124.79	125.78	0.89	ppb
Cadmium	111-1	128.95	128.45	128.73	128.71	0.20	ppb
Cadmium	106-1	130.65	130.56	129.44	130.22	0.51	ppb
Cadmium	108-1	128.99	129.34	130.84	129.72	0.76	ppb
Calcium	43-1	12003.84	12100.65	12147.78	12084.09	0.61	ppb
Calcium	44-1	12056.51	12019.58	12111.16	12062.42	0.38	ppb
Chromium	52-2	129.04	127.35	129.00	128.46	0.75	ppb
Cobalt	59-2	132.62	131.72	132.54	132.29	0.37	ppb
Copper	63-2	268.08	266.26	267.53	267.29	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	6629.74	6484.83	6511.43	6542.00	1.18	ppb
Iron	57-2	6704.15	6571.33	6594.38	6623.29	1.07	ppb
Krypton	83-1						cps
Lead	206-1	123.75	122.71	124.36	123.60	0.68	ppb
Lead	207-1	126.74	125.94	128.35	127.01	0.97	ppb
Lead	208-1	123.16	122.58	124.03	123.26	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	13386.10	13344.46	13310.06	13346.87	0.29	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:23:07 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.78	255.96	254.52	256.42	0.85	ppb
Molybdenum	94-1	626.53	620.57	617.84	621.65	0.71	ppb
Molybdenum	95-1	626.87	623.50	620.01	623.46	0.55	ppb
Molybdenum	96-1	626.97	617.23	621.67	621.96	0.78	ppb
Molybdenum	97-1	627.40	622.46	618.89	622.92	0.69	ppb
Molybdenum	98-1	631.24	623.68	627.47	627.46	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.97	132.18	133.91	134.02	1.42	ppb
Phosphorus	31-2	2535.43	2355.79	2523.99	2471.74	4.07	ppb
Potassium	39-2	6296.77	6238.17	6188.76	6241.24	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	131.13	140.06	134.92	135.37	3.31	ppb
Selenium	78-2	131.56	135.55	131.42	132.84	1.76	ppb
Selenium	82-1	132.89	134.03	133.95	133.62	0.48	ppb
Silicon	28-1	134.37	136.82	138.56	136.58	1.54	ppb
Silver	109-1	134.81	134.49	135.05	134.79	0.21	ppb
Silver	107-1	134.60	132.25	133.10	133.31	0.89	ppb
Sodium	23-2	12510.02	12412.70	12455.50	12459.40	0.39	ppb
Strontium	86-1	127.87	125.26	127.56	126.90	1.13	ppb
Strontium	88-1	124.64	124.49	124.18	124.44	0.19	ppb
Sulfur	34-1	2379.47	2417.14	2451.66	2416.09	1.49	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	121.60	120.73	122.27	121.54	0.64	ppb
Thallium	205-1	123.30	121.61	123.85	122.92	0.95	ppb
Thorium	232-1	115.03	115.75	115.89	115.56	0.40	ppb
Tin	118-1	131.49	131.38	131.00	131.29	0.20	ppb
Titanium	47-1	620.14	625.87	623.14	623.05	0.46	ppb
Uranium	238-1	115.77	115.55	115.93	115.75	0.16	ppb
Vanadium	51-2	126.83	127.75	127.59	127.39	0.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:23:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	257.87	257.59	260.50	258.65	0.62	ppb
Zirconium	90-1	124.14	123.87	123.51	123.84	0.25	ppb
Zirconium	91-1	125.80	124.77	125.55	125.37	0.43	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4917.45	4891.14	4913.46	4907.35	0.29	ppb
Antimony	121-1	258.77	257.63	259.46	258.62	0.36	ppb
Arsenic	75-1	260.98	261.54	256.98	259.84	0.96	ppb
Barium	135-1	1275.50	1286.47	1275.32	1279.10	0.50	ppb
Barium	137-1	1268.33	1264.45	1269.13	1267.30	0.20	ppb
Beryllium	9-1	257.31	258.94	257.93	258.06	0.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	247.22	259.25	250.54	252.34	2.46	ppb
Boron	11-1	246.81	248.98	254.21	250.00	1.52	ppb
Cadmium	111-1	250.10	248.70	251.02	249.94	0.47	ppb
Cadmium	106-1	248.71	248.31	251.65	249.56	0.73	ppb
Cadmium	108-1	253.70	246.00	251.78	250.49	1.60	ppb
Calcium	43-1	24316.99	24146.88	24340.34	24268.07	0.44	ppb
Calcium	44-1	24125.18	24246.25	24104.43	24158.62	0.32	ppb
Chromium	52-2	253.76	252.85	254.42	253.68	0.31	ppb
Cobalt	59-2	259.51	257.18	259.67	258.79	0.54	ppb
Copper	63-2	524.62	517.06	517.42	519.70	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	13099.35	12907.56	12988.96	12998.62	0.74	ppb
Iron	57-2	13164.07	13118.23	13030.73	13104.35	0.52	ppb
Krypton	83-1						cps
Lead	206-1	250.61	250.44	249.65	250.23	0.21	ppb
Lead	207-1	255.20	256.48	257.20	256.29	0.40	ppb
Lead	208-1	248.79	249.43	249.74	249.32	0.20	ppb
Lithium	6-1				92		%
Magnesium	24-2	26845.36	26454.61	26508.51	26602.83	0.80	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.39	505.76	508.69	507.61	0.32	ppb
Molybdenum	94-1	1248.84	1240.72	1252.99	1247.52	0.50	ppb
Molybdenum	95-1	1250.45	1244.43	1255.08	1249.99	0.43	ppb
Molybdenum	96-1	1248.06	1243.66	1247.03	1246.25	0.18	ppb
Molybdenum	97-1	1254.64	1242.28	1259.84	1252.26	0.72	ppb
Molybdenum	98-1	1262.73	1247.66	1258.52	1256.30	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.62	256.70	262.67	260.33	1.22	ppb
Phosphorus	31-2	5088.07	5037.32	5046.52	5057.30	0.53	ppb
Potassium	39-2	12282.96	12332.13	12417.60	12344.23	0.55	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	293.78	234.98	258.65	262.47	11.27	ppb
Selenium	78-2	270.25	259.12	262.51	263.96	2.16	ppb
Selenium	82-1	262.67	263.45	265.86	263.99	0.63	ppb
Silicon	28-1	270.13	274.63	275.50	273.42	1.05	ppb
Silver	109-1	256.36	255.27	256.29	255.97	0.24	ppb
Silver	107-1	256.81	256.50	255.27	256.19	0.32	ppb
Sodium	23-2	24833.16	24537.11	24703.70	24691.32	0.60	ppb
Strontium	86-1	254.47	251.93	255.52	253.97	0.73	ppb
Strontium	88-1	248.72	249.12	248.14	248.66	0.20	ppb
Sulfur	34-1	4945.15	4739.42	4787.15	4823.91	2.23	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	244.10	244.13	245.86	244.70	0.41	ppb
Thallium	205-1	245.92	245.16	247.99	246.36	0.60	ppb
Thorium	232-1	238.98	238.79	241.17	239.65	0.55	ppb
Tin	118-1	254.79	253.00	258.30	255.36	1.05	ppb
Titanium	47-1	1246.01	1253.35	1249.45	1249.60	0.29	ppb
Uranium	238-1	239.07	240.46	242.43	240.65	0.70	ppb
Vanadium	51-2	252.84	251.84	252.87	252.52	0.23	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	503.96	506.26	507.55	505.92	0.36	ppb
Zirconium	90-1	247.17	245.87	248.39	247.14	0.51	ppb
Zirconium	91-1	252.00	251.57	253.00	252.19	0.29	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9799.38	9773.23	9823.25	9798.62	0.26	ppb
Antimony	121-1	504.51	501.75	500.62	502.29	0.40	ppb
Arsenic	75-1	508.61	508.91	507.69	508.40	0.13	ppb
Barium	135-1	2523.47	2505.91	2484.24	2504.54	0.78	ppb
Barium	137-1	2511.78	2517.32	2515.91	2515.00	0.11	ppb
Beryllium	9-1	504.21	508.34	505.34	505.96	0.42	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	501.32	498.72	498.11	499.38	0.34	ppb
Boron	11-1	491.81	500.58	497.98	496.79	0.91	ppb
Cadmium	111-1	483.43	480.21	477.91	480.52	0.58	ppb
Cadmium	106-1	489.07	473.52	484.92	482.50	1.67	ppb
Cadmium	108-1	492.39	480.76	481.57	484.91	1.34	ppb
Calcium	43-1	47881.41	48026.95	48453.45	48120.61	0.62	ppb
Calcium	44-1	48058.83	48113.51	48470.92	48214.42	0.46	ppb
Chromium	52-2	498.84	502.49	503.42	501.58	0.48	ppb
Cobalt	59-2	501.16	505.09	507.80	504.69	0.66	ppb
Copper	63-2	994.16	1003.85	1013.11	1003.71	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	25729.26	25659.41	25668.85	25685.84	0.15	ppb
Iron	57-2	25742.26	25696.31	25956.32	25798.29	0.54	ppb
Krypton	83-1						cps
Lead	206-1	496.03	492.02	489.05	492.37	0.71	ppb
Lead	207-1	511.53	507.54	505.72	508.26	0.58	ppb
Lead	208-1	500.92	498.04	496.61	498.52	0.44	ppb
Lithium	6-1				90		%
Magnesium	24-2	53119.83	52923.60	53139.10	53060.84	0.22	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.11	1008.11	1006.35	1007.52	0.10	ppb
Molybdenum	94-1	2511.98	2498.25	2466.77	2492.34	0.93	ppb
Molybdenum	95-1	2503.42	2495.17	2486.05	2494.88	0.35	ppb
Molybdenum	96-1	2500.39	2493.32	2478.16	2490.62	0.46	ppb
Molybdenum	97-1	2445.00	2451.21	2426.68	2440.96	0.52	ppb
Molybdenum	98-1	2492.49	2492.33	2474.29	2486.37	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.29	508.61	510.40	507.43	0.73	ppb
Phosphorus	31-2	10051.25	9859.05	9986.28	9965.52	0.98	ppb
Potassium	39-2	24297.67	24375.02	24494.11	24388.93	0.41	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	506.47	507.42	519.63	511.17	1.44	ppb
Selenium	78-2	513.41	524.13	501.84	513.13	2.17	ppb
Selenium	82-1	512.10	512.49	511.32	511.97	0.12	ppb
Silicon	28-1	544.27	548.02	555.33	549.20	1.02	ppb
Silver	109-1	493.99	486.01	485.46	488.49	0.98	ppb
Silver	107-1	489.42	484.07	484.17	485.89	0.63	ppb
Sodium	23-2	49426.25	49110.66	49488.11	49341.67	0.41	ppb
Strontium	86-1	503.68	503.12	497.17	501.32	0.72	ppb
Strontium	88-1	498.19	497.09	495.52	496.93	0.27	ppb
Sulfur	34-1	9888.94	9822.77	9978.12	9896.61	0.79	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	489.70	489.96	487.03	488.90	0.33	ppb
Thallium	205-1	499.11	497.50	495.74	497.45	0.34	ppb
Thorium	232-1	492.44	489.54	489.54	490.51	0.34	ppb
Tin	118-1	496.83	497.91	491.31	495.35	0.71	ppb
Titanium	47-1	2485.44	2476.34	2497.62	2486.47	0.43	ppb
Uranium	238-1	489.51	490.44	491.92	490.62	0.25	ppb
Vanadium	51-2	495.53	504.39	503.04	500.98	0.95	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	962.71	977.50	981.47	973.90	1.02	ppb
Zirconium	90-1	500.06	500.18	494.51	498.25	0.65	ppb
Zirconium	91-1	500.45	503.58	496.20	500.08	0.74	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:34:30 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19591.30	19575.08	19273.26	19479.88	0.92	ppb
Antimony	121-1	1004.63	982.12	999.96	995.57	1.19	ppb
Arsenic	75-1	1003.51	982.92	991.82	992.75	1.04	ppb
Barium	135-1	5049.33	4927.46	4980.27	4985.69	1.23	ppb
Barium	137-1	5055.57	4922.71	4975.52	4984.60	1.34	ppb
Beryllium	9-1	999.12	987.56	995.44	994.04	0.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	993.27	990.68	1015.10	999.68	1.34	ppb
Boron	11-1	1002.14	990.31	1011.99	1001.48	1.08	ppb
Cadmium	111-1	1023.19	994.98	1009.17	1009.11	1.40	ppb
Cadmium	106-1	1018.71	998.37	1006.85	1007.98	1.01	ppb
Cadmium	108-1	1027.78	988.70	1003.46	1006.65	1.96	ppb
Calcium	43-1	96894.84	94811.64	96477.23	96061.24	1.15	ppb
Calcium	44-1	97367.78	95739.32	97203.10	96770.07	0.93	ppb
Chromium	52-2	1002.09	1007.06	984.03	997.73	1.21	ppb
Cobalt	59-2	999.49	1002.13	981.30	994.31	1.14	ppb
Copper	63-2	1989.02	2013.17	1969.34	1990.51	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	51484.17	51345.96	50319.90	51050.01	1.25	ppb
Iron	57-2	51556.49	51769.90	50603.21	51309.87	1.21	ppb
Krypton	83-1						cps
Lead	206-1	1006.91	998.55	1006.41	1003.96	0.47	ppb
Lead	207-1	1006.13	983.88	992.04	994.01	1.13	ppb
Lead	208-1	1008.90	992.84	1001.73	1001.16	0.80	ppb
Lithium	6-1				90		%
Magnesium	24-2	106415.39	106200.79	104211.42	105609.20	1.15	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:34:30 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1999.16	2006.49	1974.29	1993.31	0.85	ppb
Molybdenum	94-1	5091.06	4938.49	4984.98	5004.85	1.56	ppb
Molybdenum	95-1	5079.13	4952.38	4976.43	5002.65	1.35	ppb
Molybdenum	96-1	5079.54	4957.79	4980.32	5005.88	1.29	ppb
Molybdenum	97-1	5095.65	4983.52	5007.99	5029.05	1.17	ppb
Molybdenum	98-1	5074.25	4958.06	4982.15	5004.82	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.85	1001.83	982.21	992.30	0.99	ppb
Phosphorus	31-2	19973.62	20134.04	19906.74	20004.80	0.58	ppb
Potassium	39-2	49181.16	48720.21	47707.37	48536.25	1.55	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	976.59	1013.97	978.23	989.60	2.13	ppb
Selenium	78-2	995.49	998.24	972.69	988.81	1.42	ppb
Selenium	82-1	1002.40	974.73	990.75	989.29	1.40	ppb
Silicon	28-1	967.93	954.03	981.60	967.85	1.42	ppb
Silver	109-1	1013.50	990.43	1004.28	1002.74	1.16	ppb
Silver	107-1	1013.53	995.03	1003.94	1004.17	0.92	ppb
Sodium	23-2	99742.01	98503.41	97659.50	98634.98	1.06	ppb
Strontium	86-1	1011.26	992.90	990.01	998.06	1.16	ppb
Strontium	88-1	1015.77	989.59	1000.42	1001.93	1.31	ppb
Sulfur	34-1	20353.77	19740.24	20218.55	20104.19	1.60	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	1012.64	998.96	1010.55	1007.38	0.73	ppb
Thallium	205-1	1006.32	1001.01	1000.17	1002.50	0.33	ppb
Thorium	232-1	1005.94	1000.70	1019.57	1008.74	0.97	ppb
Tin	118-1	1008.82	984.38	1006.86	1000.02	1.36	ppb
Titanium	47-1	5050.04	4934.72	5036.54	5007.10	1.26	ppb
Uranium	238-1	1012.33	997.22	1015.66	1008.40	0.97	ppb
Vanadium	51-2	1003.19	1005.70	986.51	998.47	1.04	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:34:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2013.05	2026.62	1991.02	2010.23	0.89	ppb
Zirconium	90-1	1019.94	990.22	995.08	1001.75	1.59	ppb
Zirconium	91-1	1015.82	984.76	997.41	999.33	1.56	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:38:14 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100543.55	100083.14	99761.54	100129.41	0.39	ppb
Antimony	121-1	1.25	1.21	1.14	1.20	4.70	ppb
Arsenic	75-1	1.39	1.06	1.44	1.30	15.77	ppb
Barium	135-1	1.04	0.91	0.99	0.98	6.35	ppb
Barium	137-1	0.93	1.05	1.03	1.01	6.25	ppb
Beryllium	9-1	0.14	0.18	0.17	0.16	11.79	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	23.82	21.34	19.44	21.53	10.20	ppb
Boron	11-1	23.20	21.90	20.01	21.70	7.40	ppb
Cadmium	111-1	0.19	0.26	0.13	0.19	32.26	ppb
Cadmium	106-1	0.65	1.34	-0.41	0.53	166.91	ppb
Cadmium	108-1	0.41	0.27	0.44	0.37	24.83	ppb
Calcium	43-1	497541.32	502298.77	503232.86	501024.32	0.61	ppb
Calcium	44-1	495833.11	503719.46	503085.41	500879.32	0.87	ppb
Chromium	52-2	15.16	15.03	14.96	15.05	0.67	ppb
Cobalt	59-2	11.92	12.02	11.96	11.97	0.42	ppb
Copper	63-2	2.77	2.78	2.81	2.79	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	251486.06	249058.99	248515.92	249686.99	0.63	ppb
Iron	57-2	250108.99	250131.27	248609.35	249616.54	0.35	ppb
Krypton	83-1						cps
Lead	206-1	1.20	1.25	1.32	1.25	4.90	ppb
Lead	207-1	1.20	1.19	1.21	1.20	0.79	ppb
Lead	208-1	1.22	1.23	1.22	1.22	0.23	ppb
Lithium	6-1				90		%
Magnesium	24-2	500566.71	498330.73	496503.73	498467.05	0.41	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:38:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.50	11.48	11.50	11.49	0.05	ppb
Molybdenum	94-1	4.16	4.03	3.75	3.98	5.26	ppb
Molybdenum	95-1	4.89	4.46	4.55	4.63	4.92	ppb
Molybdenum	96-1	6.53	6.37	6.13	6.34	3.15	ppb
Molybdenum	97-1	4.40	4.58	4.23	4.40	3.96	ppb
Molybdenum	98-1	4.47	4.48	4.32	4.42	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.34	18.35	18.75	18.48	1.27	ppb
Phosphorus	31-2	-30.28	-43.57	-26.61	-33.49		ppb
Potassium	39-2	250671.85	250736.77	249675.75	250361.45	0.24	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	0.00	1.09	1.08	0.72	86.61	ppb
Selenium	78-2	0.40	-0.04	0.29	0.22	105.27	ppb
Selenium	82-1	1.07	0.56	0.58	0.74	39.25	ppb
Silicon	28-1	120.30	127.29	127.66	125.08	3.32	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.74	ppb
Silver	107-1	0.09	0.13	0.11	0.11	18.50	ppb
Sodium	23-2	501599.32	500713.88	498752.47	500355.22	0.29	ppb
Strontium	86-1	4.83	4.57	4.60	4.67	3.15	ppb
Strontium	88-1	4.60	4.53	4.59	4.57	0.76	ppb
Sulfur	34-1	-361.88	-170.83	-81.78	-204.83		ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.26	0.24	0.25	0.25	2.76	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	4.55	ppb
Thorium	232-1	0.23	0.22	0.22	0.23	3.54	ppb
Tin	118-1	0.87	0.84	0.90	0.87	3.38	ppb
Titanium	47-1	1.74	1.92	2.09	1.92	9.20	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	1.44	ppb
Vanadium	51-2	0.34	0.26	0.29	0.30	12.79	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:38:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.39	14.43	14.40	14.41	0.17	ppb
Zirconium	90-1	0.47	0.47	0.49	0.47	2.50	ppb
Zirconium	91-1	0.47	0.48	0.51	0.48	4.31	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:48:30	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.98	520.20	518.92	524.70	1.70	ppb
Antimony	121-1	200.11	200.27	202.15	200.84	0.56	ppb
Arsenic	75-1	198.28	197.01	201.47	198.92	1.15	ppb
Barium	135-1	100.94	101.02	102.42	101.46	0.82	ppb
Barium	137-1	100.16	99.99	101.19	100.45	0.64	ppb
Beryllium	9-1	99.89	99.97	102.10	100.65	1.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	4.09	4.42	4.37	4.29	4.21	ppb
Boron	11-1	4.55	4.74	4.64	4.64	1.97	ppb
Cadmium	111-1	98.68	99.15	98.55	98.79	0.32	ppb
Cadmium	106-1	78.41	74.52	80.39	77.77	3.84	ppb
Cadmium	108-1	84.27	85.80	86.98	85.68	1.59	ppb
Calcium	43-1	1879.78	1901.49	1913.53	1898.27	0.90	ppb
Calcium	44-1	1895.68	1867.33	1902.09	1888.36	0.98	ppb
Chromium	52-2	97.20	98.12	97.08	97.47	0.59	ppb
Cobalt	59-2	102.27	102.69	102.15	102.37	0.28	ppb
Copper	63-2	105.20	104.67	105.06	104.97	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1036.25	1055.68	1046.46	1046.13	0.93	ppb
Iron	57-2	1048.19	1050.45	1031.93	1043.52	0.97	ppb
Krypton	83-1						cps
Lead	206-1	193.44	192.60	193.42	193.15	0.25	ppb
Lead	207-1	189.88	190.33	189.89	190.03	0.14	ppb
Lead	208-1	188.49	187.98	189.33	188.60	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	1202.53	1202.39	1207.86	1204.26	0.26	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:48:30	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.20	96.58	97.41	96.73	0.64	ppb
Molybdenum	94-1	0.06	0.08	0.08	0.07	21.68	ppb
Molybdenum	95-1	0.08	0.09	0.06	0.08	22.60	ppb
Molybdenum	96-1	0.11	0.08	0.08	0.09	19.64	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	8.15	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	12.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.07	105.05	103.75	104.29	0.65	ppb
Phosphorus	31-2	-40.16	-26.64	-25.03	-30.61		ppb
Potassium	39-2	1899.48	1952.25	1952.49	1934.74	1.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	208.11	232.23	194.58	211.64	9.01	ppb
Selenium	78-2	209.07	206.93	205.15	207.05	0.95	ppb
Selenium	82-1	210.32	209.68	211.99	210.66	0.57	ppb
Silicon	28-1	0.33	0.43	0.94	0.57	57.28	ppb
Silver	109-1	104.02	104.94	105.21	104.72	0.60	ppb
Silver	107-1	103.35	103.04	104.08	103.49	0.52	ppb
Sodium	23-2	1950.72	1954.09	1954.73	1953.18	0.11	ppb
Strontium	86-1	2.46	2.26	2.21	2.31	5.80	ppb
Strontium	88-1	2.21	2.28	2.25	2.25	1.40	ppb
Sulfur	34-1	-421.89	-410.31	-292.26	-374.82		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	190.35	190.47	192.15	190.99	0.53	ppb
Thallium	205-1	191.01	192.04	193.45	192.16	0.64	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.03	ppb
Tin	118-1	0.06	0.04	0.05	0.05	23.72	ppb
Titanium	47-1	0.16	0.08	0.07	0.10	44.46	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.90	ppb
Vanadium	51-2	96.08	97.81	98.06	97.32	1.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:48:30	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	199.31	203.46	198.63	200.47	1.30	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	19.08	ppb
Zirconium	91-1	0.06	0.07	0.10	0.08	28.69	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:52:05	DataFile Name :	014LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.22	17.08	18.59	18.96	11.04	ppb
Antimony	121-1	2.18	2.06	2.11	2.12	2.76	ppb
Arsenic	75-1	0.97	1.03	0.89	0.96	7.10	ppb
Barium	135-1	9.80	10.17	10.05	10.01	1.90	ppb
Barium	137-1	10.03	10.00	9.69	9.91	1.88	ppb
Beryllium	9-1	1.03	1.01	0.92	0.99	5.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	26.60	27.44	26.36	26.80	2.12	ppb
Boron	11-1	25.87	26.16	26.72	26.25	1.65	ppb
Cadmium	111-1	1.14	1.07	1.05	1.08	4.41	ppb
Cadmium	106-1	2.41	2.15	2.19	2.25	6.30	ppb
Cadmium	108-1	1.01	1.13	0.96	1.03	8.40	ppb
Calcium	43-1	452.32	460.61	472.82	461.92	2.23	ppb
Calcium	44-1	455.61	450.95	449.84	452.13	0.68	ppb
Chromium	52-2	1.91	1.90	1.94	1.92	1.00	ppb
Cobalt	59-2	1.02	0.95	1.04	1.00	4.49	ppb
Copper	63-2	2.10	1.92	2.02	2.01	4.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	55.07	54.28	54.57	54.64	0.73	ppb
Iron	57-2	51.95	56.34	54.50	54.26	4.06	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.96	0.97	0.96	1.72	ppb
Lead	207-1	0.93	0.86	0.93	0.90	4.47	ppb
Lead	208-1	0.93	0.91	0.93	0.92	1.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	494.55	491.56	492.38	492.83	0.31	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:52:05	DataFile Name :	014LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	0.99	1.04	1.02	3.22	ppb
Molybdenum	94-1	4.77	4.70	4.86	4.78	1.60	ppb
Molybdenum	95-1	4.84	4.88	4.84	4.85	0.50	ppb
Molybdenum	96-1	5.05	4.74	4.89	4.89	3.13	ppb
Molybdenum	97-1	4.77	4.68	4.73	4.72	0.95	ppb
Molybdenum	98-1	5.00	4.97	4.90	4.96	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.06	1.08	1.09	2.07	ppb
Phosphorus	31-2	44.13	21.50	-6.03	19.87	126.45	ppb
Potassium	39-2	476.16	459.71	479.74	471.87	2.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.26	6.16	8.55	6.66	25.53	ppb
Selenium	78-2	6.25	5.47	5.80	5.84	6.62	ppb
Selenium	82-1	4.57	4.96	5.78	5.11	12.11	ppb
Silicon	28-1	7.22	7.17	6.84	7.08	2.91	ppb
Silver	109-1	1.09	1.10	1.08	1.09	1.03	ppb
Silver	107-1	1.03	1.10	1.11	1.08	3.95	ppb
Sodium	23-2	485.57	480.38	489.80	485.25	0.97	ppb
Strontium	86-1	0.89	0.90	0.87	0.88	1.95	ppb
Strontium	88-1	0.93	0.94	0.94	0.93	0.70	ppb
Sulfur	34-1	-467.34	-457.37	-417.45	-447.39		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.99	0.93	0.96	2.99	ppb
Thallium	205-1	0.97	0.97	0.96	0.97	0.31	ppb
Thorium	232-1	0.84	0.85	0.86	0.85	1.32	ppb
Tin	118-1	4.98	5.05	5.11	5.05	1.25	ppb
Titanium	47-1	4.72	5.08	4.76	4.85	4.02	ppb
Uranium	238-1	0.84	0.84	0.86	0.85	0.95	ppb
Vanadium	51-2	4.94	5.08	5.02	5.01	1.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:52:05	DataFile Name :	014LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.75	2.53	2.58	2.62	4.38	ppb
Zirconium	90-1	0.90	0.91	0.95	0.92	2.63	ppb
Zirconium	91-1	0.96	0.92	0.88	0.92	4.27	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:55:39 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.03	0.03	0.13	130.72	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	20.43	ppb
Arsenic	75-1	0.03	-0.07	0.05	0.00	1369.66	ppb
Barium	135-1	0.02	0.00	-0.01	0.00	605.04	ppb
Barium	137-1	0.00	0.02	0.01	0.01	74.00	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	46.98	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	2.66	3.15	2.78	2.87	8.89	ppb
Boron	11-1	3.23	3.14	3.29	3.22	2.37	ppb
Cadmium	111-1	0.13	-0.01	0.01	0.04	169.57	ppb
Cadmium	106-1	1.50	-0.35	-0.14	0.34	299.58	ppb
Cadmium	108-1	0.00	-0.03	0.00	-0.01		ppb
Calcium	43-1	2.66	0.44	1.11	1.40	81.28	ppb
Calcium	44-1	1.56	1.94	1.30	1.60	20.12	ppb
Chromium	52-2	-0.01	0.01	0.01	0.00	96227.94	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	552.60	ppb
Copper	63-2	0.01	0.01	0.01	0.01	4.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.33	0.17	0.31	0.27	32.06	ppb
Iron	57-2	-0.57	0.72	-0.07	0.02	2608.44	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	16.35	ppb
Lead	207-1	0.00	0.01	0.02	0.01	122.95	ppb
Lead	208-1	0.02	0.03	0.01	0.02	31.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.96	1.20	1.46	1.21	20.50	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:55:39	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.01	0.02	36.41	ppb
Molybdenum	94-1	0.04	0.02	-0.01	0.02	148.58	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	29.11	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	52.33	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	88.66	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	31.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00		ppb
Phosphorus	31-2	-19.27	-9.30	-30.77	-19.78		ppb
Potassium	39-2	-2.30	-1.79	-2.55	-2.21		ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.25	-0.03	-0.66	-0.31		ppb
Selenium	82-1	-0.29	0.03	0.05	-0.07		ppb
Silicon	28-1	-1.70	-1.98	-1.61	-1.76		ppb
Silver	109-1	0.01	0.00	0.01	0.01	30.95	ppb
Silver	107-1	0.01	0.00	0.00	0.00	50.39	ppb
Sodium	23-2	12.28	13.16	11.70	12.38	5.94	ppb
Strontium	86-1	-0.01	0.08	-0.02	0.02	337.04	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.86	ppb
Sulfur	34-1	-310.96	-380.25	-309.42	-333.54		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	13.55	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	17.91	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.93	ppb
Tin	118-1	0.04	0.01	0.01	0.02	86.37	ppb
Titanium	47-1	0.02	0.00	-0.01	0.00	273.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	464.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:55:39	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.87	0.71	0.73	0.77	11.55	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	73.92	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:59:14 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89090.95	87521.37	87474.87	88029.06	1.05	ppb
Antimony	121-1	1.16	1.10	1.06	1.11	4.37	ppb
Arsenic	75-1	2.00	1.84	1.64	1.83	9.83	ppb
Barium	135-1	1.53	1.41	1.46	1.47	4.22	ppb
Barium	137-1	1.44	1.42	1.49	1.45	2.53	ppb
Beryllium	9-1	0.31	0.19	0.31	0.27	26.29	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	3.07	2.85	2.49	2.80	10.47	ppb
Boron	11-1	2.91	2.94	3.00	2.95	1.52	ppb
Cadmium	111-1	0.49	0.28	0.33	0.37	30.69	ppb
Cadmium	106-1	-0.25	-2.17	-0.54	-0.99		ppb
Cadmium	108-1	11.51	11.76	11.66	11.64	1.10	ppb
Calcium	43-1	93806.05	92453.90	91414.78	92558.24	1.30	ppb
Calcium	44-1	93877.21	93633.69	93046.35	93519.08	0.46	ppb
Chromium	52-2	19.40	19.33	19.23	19.32	0.45	ppb
Cobalt	59-2	1.21	1.25	1.17	1.21	3.26	ppb
Copper	63-2	7.69	7.50	7.59	7.59	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	101022.77	99799.10	99539.91	100120.59	0.79	ppb
Iron	57-2	100050.55	99181.12	99491.59	99574.42	0.44	ppb
Krypton	83-1						cps
Lead	206-1	5.10	5.00	4.88	5.00	2.19	ppb
Lead	207-1	4.70	4.47	4.31	4.49	4.30	ppb
Lead	208-1	4.77	4.58	4.53	4.63	2.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	98450.30	97018.49	96101.36	97190.05	1.22	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:59:14	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.12	7.86	7.71	7.90	2.63	ppb
Molybdenum	94-1	1307.37	1307.20	1291.78	1302.12	0.69	ppb
Molybdenum	95-1	1917.46	1928.03	1899.09	1914.86	0.76	ppb
Molybdenum	96-1	1834.78	1843.98	1818.71	1832.49	0.70	ppb
Molybdenum	97-1	1880.66	1868.39	1845.18	1864.75	0.97	ppb
Molybdenum	98-1	1916.35	1929.51	1894.23	1913.36	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.22	5.03	5.20	2.99	ppb
Phosphorus	31-2	95316.60	95359.23	96112.30	95596.04	0.47	ppb
Potassium	39-2	96196.94	95817.73	96313.75	96109.47	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.52	0.00	0.17	173.21	ppb
Selenium	78-2	0.21	-0.38	0.17	0.00	183597.99	ppb
Selenium	82-1	0.01	0.02	0.13	0.05	122.91	ppb
Silicon	28-1	19.48	19.95	19.02	19.48	2.37	ppb
Silver	109-1	0.06	0.06	0.05	0.06	13.32	ppb
Silver	107-1	0.05	0.05	0.06	0.05	9.65	ppb
Sodium	23-2	96817.59	94759.85	95062.36	95546.60	1.16	ppb
Strontium	86-1	33.19	32.97	33.26	33.14	0.45	ppb
Strontium	88-1	33.28	33.22	32.78	33.10	0.82	ppb
Sulfur	34-1	98639.02	88668.78	88436.91	91914.90	6.34	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.11	0.15	0.12	17.27	ppb
Thallium	205-1	0.12	0.14	0.15	0.14	11.57	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	9.71	ppb
Tin	118-1	0.23	0.20	0.19	0.21	9.54	ppb
Titanium	47-1	1956.50	1964.33	1928.35	1949.73	0.97	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	18.85	ppb
Vanadium	51-2	0.18	0.17	0.16	0.17	4.70	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:59:14	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.07	11.50	12.14	11.90	2.96	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	12.92	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	50.93	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93347.33	85558.52	85727.85	88211.23	5.04	ppb
Antimony	121-1	20.41	20.56	19.96	20.31	1.53	ppb
Arsenic	75-1	20.85	19.76	20.75	20.46	2.95	ppb
Barium	135-1	21.52	21.44	21.17	21.38	0.87	ppb
Barium	137-1	20.84	21.38	20.83	21.02	1.49	ppb
Beryllium	9-1	19.97	19.86	19.35	19.72	1.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	69.32	71.47	71.92	70.90	1.96	ppb
Boron	11-1	69.20	70.53	70.88	70.20	1.26	ppb
Cadmium	111-1	18.20	18.23	18.29	18.24	0.24	ppb
Cadmium	106-1	14.61	13.52	13.68	13.94	4.23	ppb
Cadmium	108-1	28.65	27.90	28.26	28.27	1.32	ppb
Calcium	43-1	92359.14	91224.75	92140.47	91908.12	0.65	ppb
Calcium	44-1	93917.20	92951.06	93966.65	93611.63	0.61	ppb
Chromium	52-2	40.91	38.18	37.88	38.99	4.29	ppb
Cobalt	59-2	21.89	20.62	20.57	21.03	3.54	ppb
Copper	63-2	28.83	26.75	26.58	27.39	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	106326.28	98372.18	97367.54	100688.67	4.87	ppb
Iron	57-2	104274.87	96772.06	96040.69	99029.21	4.60	ppb
Krypton	83-1						cps
Lead	206-1	25.65	25.11	25.02	25.26	1.33	ppb
Lead	207-1	24.15	23.94	23.76	23.95	0.81	ppb
Lead	208-1	24.28	23.95	23.87	24.03	0.90	ppb
Lithium	6-1				93		%
Magnesium	24-2	103251.56	95135.72	94537.24	97641.51	4.99	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.80	26.33	26.20	27.11	5.41	ppb
Molybdenum	94-1	1354.48	1332.93	1328.79	1338.73	1.03	ppb
Molybdenum	95-1	1968.63	1971.70	1963.18	1967.84	0.22	ppb
Molybdenum	96-1	1892.80	1882.69	1890.97	1888.82	0.29	ppb
Molybdenum	97-1	1945.52	1911.40	1919.23	1925.39	0.93	ppb
Molybdenum	98-1	1970.55	1962.03	1979.47	1970.68	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.90	23.62	23.81	24.44	5.17	ppb
Phosphorus	31-2	99825.22	92997.73	93211.20	95344.72	4.07	ppb
Potassium	39-2	101864.61	94301.78	93439.12	96535.17	4.80	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	17.59	17.85	19.57	18.34	5.85	ppb
Selenium	78-2	19.33	18.47	16.99	18.26	6.48	ppb
Selenium	82-1	19.34	19.51	19.27	19.38	0.64	ppb
Silicon	28-1	81.89	80.15	82.50	81.51	1.50	ppb
Silver	109-1	18.22	18.04	18.14	18.13	0.49	ppb
Silver	107-1	18.43	17.97	18.04	18.15	1.37	ppb
Sodium	23-2	101397.45	93720.18	93370.60	96162.74	4.72	ppb
Strontium	86-1	33.24	33.34	33.73	33.44	0.78	ppb
Strontium	88-1	33.18	32.68	32.64	32.84	0.91	ppb
Sulfur	34-1	88217.49	87178.05	89346.38	88247.31	1.23	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	20.30	19.86	19.80	19.99	1.37	ppb
Thallium	205-1	20.88	20.46	20.36	20.56	1.34	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	25.80	ppb
Tin	118-1	67.66	66.62	65.65	66.64	1.51	ppb
Titanium	47-1	2027.80	1963.91	2014.30	2002.00	1.68	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	28.76	ppb
Vanadium	51-2	21.17	19.30	18.90	19.79	6.12	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	32.31	30.51	29.36	30.73	4.84	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	28.84	ppb
Zirconium	91-1	0.03	0.01	0.01	0.01	80.03	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50738.84	50795.26	51127.25	50887.12	0.41	ppb
Antimony	121-1	483.72	482.15	478.55	481.48	0.55	ppb
Arsenic	75-1	461.79	460.46	455.52	459.26	0.72	ppb
Barium	135-1	2515.74	2470.28	2463.80	2483.27	1.14	ppb
Barium	137-1	2528.31	2503.64	2506.56	2512.84	0.54	ppb
Beryllium	9-1	494.32	493.52	491.83	493.22	0.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	491.11	501.23	508.83	500.39	1.78	ppb
Boron	11-1	488.83	498.08	506.16	497.69	1.74	ppb
Cadmium	111-1	455.58	452.18	449.13	452.30	0.71	ppb
Cadmium	106-1	455.47	459.52	462.81	459.27	0.80	ppb
Cadmium	108-1	473.44	461.28	461.54	465.42	1.49	ppb
Calcium	43-1	237406.38	237205.61	238084.94	237565.64	0.19	ppb
Calcium	44-1	236277.33	235859.51	236902.52	236346.45	0.22	ppb
Chromium	52-2	494.36	489.91	499.46	494.58	0.97	ppb
Cobalt	59-2	484.85	481.35	487.00	484.40	0.59	ppb
Copper	63-2	929.02	922.23	937.62	929.62	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	124802.42	123908.09	126113.54	124941.35	0.89	ppb
Iron	57-2	124974.51	124481.54	126042.30	125166.12	0.64	ppb
Krypton	83-1						cps
Lead	206-1	509.95	503.48	518.86	510.76	1.51	ppb
Lead	207-1	523.31	516.64	535.05	525.00	1.77	ppb
Lead	208-1	514.63	512.88	529.90	519.14	1.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	246332.03	244119.58	246559.88	245670.50	0.55	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.00	971.21	987.86	977.36	0.93	ppb
Molybdenum	94-1	2517.88	2522.82	2519.99	2520.23	0.10	ppb
Molybdenum	95-1	2531.43	2517.70	2528.92	2526.02	0.29	ppb
Molybdenum	96-1	2520.91	2523.92	2502.34	2515.72	0.46	ppb
Molybdenum	97-1	2550.36	2535.78	2514.93	2533.69	0.70	ppb
Molybdenum	98-1	2525.60	2514.72	2524.47	2521.60	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.99	474.56	479.37	476.31	0.56	ppb
Phosphorus	31-2	9889.80	9920.29	9850.25	9886.78	0.36	ppb
Potassium	39-2	123102.04	122139.31	123140.36	122793.90	0.46	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	483.76	508.66	480.00	490.81	3.17	ppb
Selenium	78-2	466.06	462.30	459.65	462.67	0.70	ppb
Selenium	82-1	470.55	465.32	467.19	467.69	0.57	ppb
Silicon	28-1	589.34	607.00	615.67	604.00	2.22	ppb
Silver	109-1	461.03	457.51	453.47	457.34	0.83	ppb
Silver	107-1	456.58	455.98	446.07	452.88	1.30	ppb
Sodium	23-2	244317.78	241350.28	245529.55	243732.54	0.88	ppb
Strontium	86-1	507.29	498.30	501.98	502.52	0.90	ppb
Strontium	88-1	505.54	500.42	500.96	502.31	0.56	ppb
Sulfur	34-1	9697.07	9559.60	9620.32	9625.66	0.72	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	505.98	500.65	518.40	508.34	1.79	ppb
Thallium	205-1	514.94	516.65	536.91	522.83	2.34	ppb
Thorium	232-1	523.25	527.86	545.94	532.35	2.25	ppb
Tin	118-1	494.57	485.20	479.98	486.58	1.52	ppb
Titanium	47-1	2460.81	2436.54	2448.06	2448.47	0.50	ppb
Uranium	238-1	521.96	527.59	546.58	532.04	2.43	ppb
Vanadium	51-2	500.06	492.66	501.18	497.97	0.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.89	987.30	1006.05	995.41	0.97	ppb
Zirconium	90-1	508.21	505.01	505.44	506.22	0.34	ppb
Zirconium	91-1	508.11	499.43	506.05	504.53	0.90	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:24:14 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.82	0.98	0.74	37.69	ppb
Antimony	121-1	0.24	0.41	0.22	0.29	36.38	ppb
Arsenic	75-1	0.08	0.20	0.18	0.15	41.16	ppb
Barium	135-1	0.06	0.79	0.02	0.29	148.34	ppb
Barium	137-1	0.09	0.74	0.07	0.30	125.82	ppb
Beryllium	9-1	0.09	0.10	0.06	0.08	23.19	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	14.43	13.77	12.46	13.55	7.38	ppb
Boron	11-1	14.38	13.12	12.88	13.46	5.99	ppb
Cadmium	111-1	0.04	0.34	0.07	0.15	108.84	ppb
Cadmium	106-1	-0.04	1.40	0.58	0.64	112.18	ppb
Cadmium	108-1	0.02	0.21	0.00	0.08	154.14	ppb
Calcium	43-1	5.20	15.57	3.26	8.01	82.65	ppb
Calcium	44-1	8.58	19.24	4.74	10.85	69.24	ppb
Chromium	52-2	0.01	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	457.06	ppb
Copper	63-2	0.03	0.03	0.04	0.03	24.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2.21	2.12	1.89	2.07	8.01	ppb
Iron	57-2	2.48	2.30	1.68	2.15	19.38	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.15	0.06	0.09	52.27	ppb
Lead	207-1	0.06	0.14	0.07	0.09	51.63	ppb
Lead	208-1	0.06	0.13	0.06	0.09	49.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.20	4.89	5.04	5.05	3.00	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:24:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.03	0.04	18.01	ppb
Molybdenum	94-1	0.45	2.07	0.22	0.91	110.23	ppb
Molybdenum	95-1	0.56	2.23	0.36	1.05	97.76	ppb
Molybdenum	96-1	0.51	2.27	0.31	1.03	105.20	ppb
Molybdenum	97-1	0.61	2.92	0.40	1.31	106.84	ppb
Molybdenum	98-1	0.53	2.72	0.40	1.22	106.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	74.30	ppb
Phosphorus	31-2	-38.23	-34.80	-22.81	-31.94		ppb
Potassium	39-2	10.70	16.06	12.39	13.05	20.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-0.19	-0.02	0.03	750.66	ppb
Selenium	82-1	-0.15	0.04	-0.12	-0.08		ppb
Silicon	28-1	2.85	1.64	0.80	1.76	58.29	ppb
Silver	109-1	0.04	0.28	0.02	0.11	128.01	ppb
Silver	107-1	0.05	0.37	0.04	0.15	125.10	ppb
Sodium	23-2	46.24	45.22	42.26	44.57	4.64	ppb
Strontium	86-1	0.00	0.06	-0.02	0.01	321.91	ppb
Strontium	88-1	0.02	0.03	0.01	0.02	48.61	ppb
Sulfur	34-1	-373.93	-483.50	-406.52	-421.32		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.18	0.08	0.12	45.41	ppb
Thallium	205-1	0.11	0.17	0.08	0.12	35.57	ppb
Thorium	232-1	0.07	0.10	0.06	0.08	31.90	ppb
Tin	118-1	0.09	0.28	0.11	0.16	64.61	ppb
Titanium	47-1	0.08	0.15	0.05	0.09	59.18	ppb
Uranium	238-1	0.01	0.08	0.01	0.03	116.09	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	31.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:24:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.81	0.91	0.75	0.82	9.68	ppb
Zirconium	90-1	0.04	0.15	0.04	0.07	87.98	ppb
Zirconium	91-1	0.05	0.18	0.01	0.08	119.73	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:31:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.03	14.95	17.97	16.98	10.34	ppb
Antimony	121-1	1.77	1.62	1.75	1.71	4.57	ppb
Arsenic	75-1	0.88	0.91	0.58	0.79	23.01	ppb
Barium	135-1	8.31	8.28	8.28	8.29	0.20	ppb
Barium	137-1	8.48	8.55	8.39	8.47	0.99	ppb
Beryllium	9-1	0.83	0.86	0.93	0.87	5.84	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	26.30	25.71	25.85	25.95	1.21	ppb
Boron	11-1	25.61	25.40	26.31	25.78	1.84	ppb
Cadmium	111-1	0.95	0.95	0.93	0.94	1.12	ppb
Cadmium	106-1	3.38	2.26	1.78	2.47	33.22	ppb
Cadmium	108-1	1.19	1.12	0.90	1.07	13.97	ppb
Calcium	43-1	381.87	391.63	392.17	388.56	1.49	ppb
Calcium	44-1	392.79	382.92	376.38	384.03	2.15	ppb
Chromium	52-2	1.60	1.67	1.69	1.65	2.97	ppb
Cobalt	59-2	0.87	0.82	0.88	0.86	3.70	ppb
Copper	63-2	1.72	1.85	1.79	1.78	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	47.42	47.98	48.10	47.83	0.75	ppb
Iron	57-2	47.01	50.32	47.46	48.26	3.72	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.80	0.79	0.80	2.20	ppb
Lead	207-1	0.80	0.81	0.83	0.81	1.86	ppb
Lead	208-1	0.80	0.80	0.80	0.80	0.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	432.51	433.77	424.16	430.15	1.21	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:31:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.81	0.89	0.85	4.40	ppb
Molybdenum	94-1	4.13	3.93	4.10	4.05	2.62	ppb
Molybdenum	95-1	4.17	4.24	4.23	4.21	0.92	ppb
Molybdenum	96-1	4.15	4.22	4.26	4.21	1.39	ppb
Molybdenum	97-1	4.14	4.00	4.28	4.14	3.42	ppb
Molybdenum	98-1	4.25	4.23	4.07	4.18	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.89	0.75	0.80	9.93	ppb
Phosphorus	31-2	7.39	9.47	-6.96	3.30	271.18	ppb
Potassium	39-2	404.50	410.14	414.50	409.72	1.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	3.69	3.20	5.51	4.13	29.34	ppb
Selenium	78-2	5.66	5.45	4.94	5.35	6.93	ppb
Selenium	82-1	4.68	4.67	4.76	4.70	1.12	ppb
Silicon	28-1	5.82	5.51	5.44	5.59	3.57	ppb
Silver	109-1	0.93	0.93	0.92	0.93	0.71	ppb
Silver	107-1	0.88	0.90	0.90	0.89	0.88	ppb
Sodium	23-2	420.33	429.75	425.97	425.35	1.11	ppb
Strontium	86-1	0.74	0.73	0.77	0.75	2.45	ppb
Strontium	88-1	0.82	0.77	0.79	0.80	2.88	ppb
Sulfur	34-1	-20.97	-196.09	-95.38	-104.14		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.79	0.85	0.82	0.82	3.92	ppb
Thallium	205-1	0.82	0.83	0.82	0.82	0.73	ppb
Thorium	232-1	0.74	0.72	0.69	0.72	3.04	ppb
Tin	118-1	4.22	4.34	4.31	4.29	1.44	ppb
Titanium	47-1	4.38	4.14	4.17	4.23	3.12	ppb
Uranium	238-1	0.68	0.72	0.71	0.70	2.91	ppb
Vanadium	51-2	4.31	4.22	4.26	4.26	1.00	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:31:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.44	2.63	2.46	2.51	4.13	ppb
Zirconium	90-1	0.80	0.78	0.79	0.79	1.59	ppb
Zirconium	91-1	0.81	0.83	0.86	0.83	3.28	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : PB116196BL Instrumnet Name : P7
 Client Sample ID : PB116196BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:34:55 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.20	0.21	0.11	147.80	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	31.01	ppb
Arsenic	75-1	-0.01	0.01	0.02	0.01	191.17	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	18.59	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	11.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	4.60	4.33	4.45	4.46	3.06	ppb
Boron	11-1	4.51	4.60	4.29	4.47	3.52	ppb
Cadmium	111-1	0.13	0.01	0.04	0.06	103.68	ppb
Cadmium	106-1	1.50	-0.21	0.47	0.59	146.54	ppb
Cadmium	108-1	-0.03	-0.03	0.05	-0.01		ppb
Calcium	43-1	-0.20	1.02	-1.65	-0.28		ppb
Calcium	44-1	3.30	2.62	1.99	2.64	24.69	ppb
Chromium	52-2	0.02	-0.01	0.05	0.02	142.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.01	0.04	0.02	68.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	0.40	0.58	0.41	0.46	22.44	ppb
Iron	57-2	0.08	1.02	0.33	0.48	101.73	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.04	0.02	0.02	74.46	ppb
Lead	207-1	0.02	0.01	0.02	0.02	61.31	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.35	ppb
Lithium	6-1				112		%
Magnesium	24-2	1.84	1.82	2.15	1.94	9.57	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BL	Instrumnet Name :	P7
Client Sample ID :	PB116196BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:34:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.03	0.02	34.07	ppb
Molybdenum	94-1	0.08	0.02	0.01	0.04	86.51	ppb
Molybdenum	95-1	0.08	0.07	0.04	0.06	28.21	ppb
Molybdenum	96-1	0.07	0.05	0.04	0.05	28.23	ppb
Molybdenum	97-1	0.07	0.07	0.08	0.07	11.24	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	8.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.02	0.00	847.91	ppb
Phosphorus	31-2	-46.80	-30.77	-35.82	-37.80		ppb
Potassium	39-2	1.31	2.47	5.03	2.93	64.77	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.34	-0.10	-0.03		ppb
Selenium	82-1	0.29	-0.28	-0.04	-0.01		ppb
Silicon	28-1	-1.69	-1.53	-1.71	-1.64		ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.67	ppb
Silver	107-1	0.01	0.02	0.01	0.01	53.18	ppb
Sodium	23-2	18.57	18.74	19.13	18.81	1.54	ppb
Strontium	86-1	0.02	-0.02	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	56.13	ppb
Sulfur	34-1	-159.28	-75.43	-118.01	-117.57		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.15	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	14.13	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	23.08	ppb
Tin	118-1	0.04	0.02	0.06	0.04	56.17	ppb
Titanium	47-1	-0.02	0.03	0.05	0.02	214.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BL	Instrumnet Name :	P7
Client Sample ID :	PB116196BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:34:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.71	0.77	0.84	0.77	8.78	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	95.04	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : PB116196BS Instrumnet Name : P7
 Client Sample ID : PB116196BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:38:30 DataFile Name : 026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9904.52	9936.79	9930.50	9923.94	0.17	ppb
Antimony	121-1	505.03	502.34	502.79	503.39	0.29	ppb
Arsenic	75-1	502.77	491.88	499.54	498.06	1.12	ppb
Barium	135-1	2499.72	2489.49	2497.45	2495.55	0.22	ppb
Barium	137-1	2541.13	2539.92	2558.70	2546.58	0.41	ppb
Beryllium	9-1	512.04	507.97	509.95	509.99	0.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	498.99	499.93	509.46	502.79	1.15	ppb
Boron	11-1	496.27	499.56	509.65	501.83	1.39	ppb
Cadmium	111-1	485.56	486.35	485.56	485.82	0.09	ppb
Cadmium	106-1	498.62	487.53	486.80	490.98	1.35	ppb
Cadmium	108-1	499.32	484.95	499.96	494.74	1.72	ppb
Calcium	43-1	47960.07	47495.57	48131.10	47862.25	0.69	ppb
Calcium	44-1	48309.28	48275.21	48446.98	48343.83	0.19	ppb
Chromium	52-2	498.51	504.88	498.25	500.55	0.75	ppb
Cobalt	59-2	502.51	506.98	505.53	505.01	0.45	ppb
Copper	63-2	991.78	1004.26	1000.83	998.96	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	25880.00	25893.02	25992.24	25921.75	0.24	ppb
Iron	57-2	25475.47	25729.16	25885.07	25696.57	0.80	ppb
Krypton	83-1						cps
Lead	206-1	488.89	491.49	486.92	489.10	0.47	ppb
Lead	207-1	500.27	505.64	500.59	502.17	0.60	ppb
Lead	208-1	496.59	500.34	497.93	498.29	0.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	54014.20	54398.77	54206.45	54206.47	0.35	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BS	Instrumnet Name :	P7
Client Sample ID :	PB116196BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:38:30	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.06	1007.50	1002.47	1001.68	0.62	ppb
Molybdenum	94-1	2506.85	2502.22	2505.32	2504.80	0.09	ppb
Molybdenum	95-1	2507.30	2501.41	2511.49	2506.73	0.20	ppb
Molybdenum	96-1	2508.05	2504.73	2496.20	2502.99	0.24	ppb
Molybdenum	97-1	2523.29	2512.00	2528.00	2521.10	0.33	ppb
Molybdenum	98-1	2503.82	2513.34	2519.12	2512.09	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.76	510.78	505.06	507.20	0.61	ppb
Phosphorus	31-2	10183.48	9967.30	10303.51	10151.43	1.68	ppb
Potassium	39-2	24655.52	24712.42	24568.77	24645.57	0.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	497.75	533.46	505.13	512.11	3.68	ppb
Selenium	78-2	510.99	520.02	506.24	512.42	1.37	ppb
Selenium	82-1	511.53	514.57	513.03	513.05	0.30	ppb
Silicon	28-1	529.49	534.67	538.52	534.23	0.85	ppb
Silver	109-1	492.31	493.45	494.90	493.55	0.26	ppb
Silver	107-1	491.23	492.68	488.30	490.74	0.45	ppb
Sodium	23-2	50507.67	50505.12	50738.24	50583.68	0.26	ppb
Strontium	86-1	503.64	499.60	499.90	501.05	0.45	ppb
Strontium	88-1	498.14	503.87	503.31	501.77	0.63	ppb
Sulfur	34-1	10376.75	10015.21	10050.44	10147.47	1.96	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	483.11	483.85	482.94	483.30	0.10	ppb
Thallium	205-1	498.21	503.65	501.57	501.14	0.55	ppb
Thorium	232-1	482.36	488.87	485.63	485.62	0.67	ppb
Tin	118-1	500.29	498.77	501.67	500.24	0.29	ppb
Titanium	47-1	2449.90	2430.10	2438.05	2439.35	0.41	ppb
Uranium	238-1	478.87	486.66	485.19	483.57	0.86	ppb
Vanadium	51-2	498.52	502.95	499.50	500.32	0.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BS	Instrumnet Name :	P7
Client Sample ID :	PB116196BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:38:30	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	955.93	965.30	968.04	963.09	0.66	ppb
Zirconium	90-1	501.81	504.20	502.63	502.88	0.24	ppb
Zirconium	91-1	497.20	498.83	494.79	496.94	0.41	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	530.17	513.57	546.10	529.94	3.07	ppb
Antimony	121-1	0.34	0.27	0.28	0.29	12.78	ppb
Arsenic	75-1	5.88	6.40	6.07	6.11	4.30	ppb
Barium	135-1	3.11	2.85	2.92	2.96	4.49	ppb
Barium	137-1	2.81	2.95	2.86	2.87	2.54	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	27.07	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	1333.55	1351.48	1368.30	1351.11	1.29	ppb
Boron	11-1	1350.20	1380.61	1387.29	1372.70	1.44	ppb
Cadmium	111-1	0.22	0.07	-0.01	0.09	129.28	ppb
Cadmium	106-1	2.05	-0.13	-0.87	0.35	435.05	ppb
Cadmium	108-1	0.45	0.43	0.25	0.38	29.45	ppb
Calcium	43-1	4227.23	4314.59	4234.83	4258.88	1.14	ppb
Calcium	44-1	4422.50	4377.58	4373.46	4391.18	0.62	ppb
Chromium	52-2	0.80	0.74	0.81	0.78	4.77	ppb
Cobalt	59-2	0.24	0.22	0.23	0.23	3.80	ppb
Copper	63-2	21.07	20.36	20.07	20.50	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	1440.74	1432.46	1431.48	1434.89	0.35	ppb
Iron	57-2	1428.75	1441.06	1387.64	1419.15	1.97	ppb
Krypton	83-1						cps
Lead	206-1	1.20	1.21	1.15	1.19	2.38	ppb
Lead	207-1	1.12	1.11	1.02	1.08	4.87	ppb
Lead	208-1	1.14	1.15	1.10	1.13	2.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	1206.28	1193.56	1192.02	1197.29	0.65	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.64	26.02	26.06	26.24	1.32	ppb
Molybdenum	94-1	0.95	0.95	0.88	0.93	4.73	ppb
Molybdenum	95-1	1.27	1.20	1.07	1.18	8.48	ppb
Molybdenum	96-1	1.22	1.21	1.01	1.15	10.53	ppb
Molybdenum	97-1	1.31	1.12	1.05	1.16	11.84	ppb
Molybdenum	98-1	1.28	1.15	1.05	1.16	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.23	1.19	1.20	2.29	ppb
Phosphorus	31-2	-19.70	-0.33	-14.93	-11.66		ppb
Potassium	39-2	1968.46	1974.99	1955.85	1966.44	0.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	1.41	0.46	0.62	114.87	ppb
Selenium	78-2	0.02	0.32	-0.07	0.09	233.08	ppb
Selenium	82-1	0.09	0.25	0.31	0.22	52.40	ppb
Silicon	28-1	20078.17	20044.95	20106.11	20076.41	0.15	ppb
Silver	109-1	0.15	0.17	0.17	0.16	7.92	ppb
Silver	107-1	0.14	0.16	0.18	0.16	13.34	ppb
Sodium	23-2	110939.80	108453.79	107757.97	109050.52	1.53	ppb
Strontium	86-1	6.33	6.26	6.43	6.34	1.37	ppb
Strontium	88-1	6.44	6.40	6.34	6.40	0.82	ppb
Sulfur	34-1	4625.13	4598.38	4725.05	4649.52	1.44	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.53	0.49	0.48	0.50	4.56	ppb
Thallium	205-1	0.49	0.48	0.53	0.50	5.79	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	2.12	ppb
Tin	118-1	0.47	0.43	0.44	0.45	5.36	ppb
Titanium	47-1	29.84	29.83	30.05	29.91	0.41	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	8.92	ppb
Vanadium	51-2	1.05	1.11	1.21	1.13	6.89	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1034.50	1023.51	1027.52	1028.51	0.54	ppb
Zirconium	90-1	0.12	0.12	0.11	0.12	5.84	ppb
Zirconium	91-1	0.12	0.09	0.13	0.11	18.37	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.53	6.52	7.42	6.82	7.57	ppb
Antimony	121-1	0.21	0.21	0.23	0.22	5.06	ppb
Arsenic	75-1	7.88	7.73	8.11	7.91	2.42	ppb
Barium	135-1	99.72	100.79	100.46	100.33	0.55	ppb
Barium	137-1	100.33	100.28	101.31	100.64	0.58	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	11.45	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	34.44	32.27	30.09	32.27	6.74	ppb
Boron	11-1	35.07	33.26	30.64	32.99	6.74	ppb
Cadmium	111-1	0.15	0.09	0.14	0.13	24.68	ppb
Cadmium	106-1	1.39	0.55	1.28	1.08	42.25	ppb
Cadmium	108-1	0.04	0.06	0.16	0.09	73.06	ppb
Calcium	43-1	94234.58	95213.17	94725.63	94724.46	0.52	ppb
Calcium	44-1	96965.25	98312.16	97387.49	97554.97	0.71	ppb
Chromium	52-2	1.20	1.07	1.15	1.14	5.56	ppb
Cobalt	59-2	0.26	0.25	0.26	0.26	2.21	ppb
Copper	63-2	10.89	10.93	11.12	10.98	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	12907.67	12709.77	12510.63	12709.35	1.56	ppb
Iron	57-2	12732.97	12640.11	12514.74	12629.27	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.56	0.62	0.60	6.07	ppb
Lead	207-1	0.62	0.58	0.54	0.58	6.61	ppb
Lead	208-1	0.57	0.57	0.57	0.57	0.45	ppb
Lithium	6-1				117		%
Magnesium	24-2	49672.19	49567.93	48593.00	49277.71	1.21	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	167.48	166.62	162.55	165.55	1.59	ppb
Molybdenum	94-1	1.01	0.91	0.97	0.97	5.25	ppb
Molybdenum	95-1	1.34	1.39	1.29	1.34	3.55	ppb
Molybdenum	96-1	1.39	1.35	1.39	1.37	1.35	ppb
Molybdenum	97-1	1.34	1.41	1.30	1.35	4.29	ppb
Molybdenum	98-1	1.26	1.38	1.33	1.32	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.14	1.14	1.12	3.03	ppb
Phosphorus	31-2	0.80	-2.78	8.45	2.15	266.46	ppb
Potassium	39-2	1998.00	2000.97	1975.59	1991.52	0.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.45	0.45	0.30	86.60	ppb
Selenium	78-2	-0.21	-0.36	-0.14	-0.24		ppb
Selenium	82-1	0.96	0.58	0.56	0.70	32.42	ppb
Silicon	28-1	6887.11	6843.78	6859.52	6863.47	0.32	ppb
Silver	109-1	0.22	0.22	0.22	0.22	0.27	ppb
Silver	107-1	0.20	0.22	0.25	0.22	12.91	ppb
Sodium	23-2	20567.03	20610.69	20245.99	20474.57	0.97	ppb
Strontium	86-1	161.90	162.42	162.70	162.34	0.25	ppb
Strontium	88-1	158.06	158.99	158.24	158.43	0.31	ppb
Sulfur	34-1	6778.64	6820.57	6957.77	6852.33	1.37	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.22	0.29	0.27	0.26	15.16	ppb
Thallium	205-1	0.24	0.25	0.25	0.24	3.82	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.25	ppb
Tin	118-1	0.20	0.18	0.17	0.19	9.46	ppb
Titanium	47-1	0.83	0.69	0.74	0.75	9.50	ppb
Uranium	238-1	39.84	39.93	39.66	39.81	0.35	ppb
Vanadium	51-2	1.93	2.02	2.00	1.98	2.53	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.37	9.63	8.55	9.18	6.15	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	49.50	ppb
Zirconium	91-1	-0.01	0.04	0.00	0.01	238.98	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.39	21.73	17.61	20.91	14.24	ppb
Antimony	121-1	0.77	0.77	0.80	0.78	2.20	ppb
Arsenic	75-1	6.65	6.28	6.59	6.51	3.01	ppb
Barium	135-1	21.18	21.80	21.83	21.60	1.70	ppb
Barium	137-1	21.76	21.44	21.16	21.45	1.40	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	28.67	ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	68.81	69.42	71.45	69.89	1.98	ppb
Boron	11-1	70.89	70.96	72.56	71.47	1.32	ppb
Cadmium	111-1	-0.07	0.02	0.09	0.02	492.91	ppb
Cadmium	106-1	-1.40	-0.23	0.46	-0.39		ppb
Cadmium	108-1	0.16	0.38	0.16	0.23	53.89	ppb
Calcium	43-1	43985.53	43425.89	43122.44	43511.29	1.01	ppb
Calcium	44-1	45058.06	44517.03	44291.33	44622.14	0.88	ppb
Chromium	52-2	7.84	7.82	7.93	7.86	0.79	ppb
Cobalt	59-2	0.32	0.32	0.37	0.34	9.13	ppb
Copper	63-2	1330.22	1331.50	1345.28	1335.67	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	2975.17	2934.83	2974.84	2961.61	0.78	ppb
Iron	57-2	3036.20	2996.64	3014.77	3015.87	0.66	ppb
Krypton	83-1						cps
Lead	206-1	190.44	189.97	190.74	190.38	0.20	ppb
Lead	207-1	187.76	186.48	185.57	186.60	0.59	ppb
Lead	208-1	186.02	185.13	184.63	185.26	0.38	ppb
Lithium	6-1				116		%
Magnesium	24-2	15026.11	14857.10	14938.56	14940.59	0.57	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.70	11.51	11.38	11.53	1.39	ppb
Molybdenum	94-1	0.07	0.05	0.09	0.07	27.58	ppb
Molybdenum	95-1	0.09	0.09	0.10	0.10	2.41	ppb
Molybdenum	96-1	0.14	0.11	0.13	0.13	13.34	ppb
Molybdenum	97-1	0.08	0.13	0.09	0.10	29.66	ppb
Molybdenum	98-1	0.10	0.08	0.08	0.09	11.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.86	3.97	3.96	3.93	1.52	ppb
Phosphorus	31-2	15.36	-4.93	35.06	15.16	131.86	ppb
Potassium	39-2	777.45	785.48	778.52	780.48	0.56	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	0.45	0.89	0.00	0.45	99.54	ppb
Selenium	78-2	-0.05	0.79	0.21	0.32	136.98	ppb
Selenium	82-1	0.43	1.00	0.96	0.80	40.04	ppb
Silicon	28-1	10354.66	10263.88	10208.30	10275.61	0.72	ppb
Silver	109-1	0.81	0.81	0.79	0.80	1.50	ppb
Silver	107-1	0.82	0.84	0.79	0.82	3.31	ppb
Sodium	23-2	18269.34	17993.65	18193.08	18152.02	0.78	ppb
Strontium	86-1	132.48	133.59	131.28	132.45	0.87	ppb
Strontium	88-1	130.86	129.87	128.12	129.62	1.07	ppb
Sulfur	34-1	5265.59	5280.59	5324.96	5290.38	0.58	ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.15	0.15	0.14	5.68	ppb
Thallium	205-1	0.12	0.14	0.15	0.13	8.42	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	30.09	ppb
Tin	118-1	19.61	18.58	18.43	18.88	3.41	ppb
Titanium	47-1	1.14	1.13	1.10	1.13	1.76	ppb
Uranium	238-1	0.61	0.61	0.60	0.61	1.66	ppb
Vanadium	51-2	8.20	8.34	8.51	8.35	1.89	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	593.77	583.87	594.00	590.55	0.98	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	31.22	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	134.72	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.84	16.25	16.44	15.51	9.35	ppb
Antimony	121-1	0.19	0.23	0.22	0.21	8.48	ppb
Arsenic	75-1	7.20	7.74	7.32	7.42	3.79	ppb
Barium	135-1	225.96	224.38	224.89	225.08	0.36	ppb
Barium	137-1	224.73	222.31	223.85	223.63	0.55	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	13.58	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	22.35	21.63	21.98	21.98	1.63	ppb
Boron	11-1	22.61	21.97	22.13	22.24	1.50	ppb
Cadmium	111-1	0.14	0.14	0.13	0.14	1.36	ppb
Cadmium	106-1	0.92	0.78	0.71	0.81	13.21	ppb
Cadmium	108-1	0.14	0.04	0.02	0.06	100.30	ppb
Calcium	43-1	107835.15	108598.69	107522.72	107985.52	0.51	ppb
Calcium	44-1	110603.36	111847.26	110198.29	110882.97	0.77	ppb
Chromium	52-2	0.35	0.29	0.28	0.31	12.13	ppb
Cobalt	59-2	0.09	0.10	0.11	0.10	6.71	ppb
Copper	63-2	16.44	16.52	16.63	16.53	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	673.65	673.74	666.59	671.33	0.61	ppb
Iron	57-2	937.15	966.52	969.68	957.78	1.87	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.46	0.44	0.47	6.08	ppb
Lead	207-1	0.42	0.42	0.44	0.43	2.04	ppb
Lead	208-1	0.45	0.44	0.45	0.44	1.52	ppb
Lithium	6-1				117		%
Magnesium	24-2	27664.16	27301.62	26904.95	27290.24	1.39	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.87	18.70	19.00	18.86	0.82	ppb
Molybdenum	94-1	0.21	0.19	0.19	0.20	4.08	ppb
Molybdenum	95-1	0.30	0.26	0.24	0.26	11.98	ppb
Molybdenum	96-1	0.23	0.25	0.24	0.24	2.96	ppb
Molybdenum	97-1	0.20	0.24	0.28	0.24	16.05	ppb
Molybdenum	98-1	0.25	0.27	0.26	0.26	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.14	1.33	1.20	9.33	ppb
Phosphorus	31-2	39.53	68.85	65.72	58.03	27.74	ppb
Potassium	39-2	1300.26	1319.73	1307.03	1309.01	0.76	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	77-2	0.44	0.89	0.88	0.74	34.61	ppb
Selenium	78-2	0.35	0.14	0.77	0.42	76.01	ppb
Selenium	82-1	0.85	0.82	1.02	0.90	11.57	ppb
Silicon	28-1	9565.01	9671.55	9643.16	9626.57	0.57	ppb
Silver	109-1	0.16	0.16	0.17	0.16	4.35	ppb
Silver	107-1	0.14	0.16	0.17	0.16	9.30	ppb
Sodium	23-2	31820.43	31400.60	31230.51	31483.85	0.96	ppb
Strontium	86-1	238.72	237.49	235.49	237.23	0.69	ppb
Strontium	88-1	243.33	241.63	243.02	242.66	0.37	ppb
Sulfur	34-1	2749.40	2915.63	2900.12	2855.05	3.22	ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	0.09	0.11	0.12	0.10	15.92	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	4.29	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	6.98	ppb
Tin	118-1	0.17	0.17	0.18	0.17	4.66	ppb
Titanium	47-1	1.15	1.24	1.20	1.20	3.56	ppb
Uranium	238-1	0.99	0.99	0.98	0.98	0.68	ppb
Vanadium	51-2	0.67	0.65	0.68	0.67	2.21	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.70	27.74	27.34	27.59	0.79	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	48.57	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	181.76	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.58	8.19	8.55	8.11	6.00	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	1.41	ppb
Arsenic	75-1	7.93	6.89	8.19	7.67	8.95	ppb
Barium	135-1	0.07	0.08	0.10	0.08	16.45	ppb
Barium	137-1	0.11	0.07	0.15	0.11	33.18	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	63.37	ppb
Bismuth	209-1				120		%
Bismuth	209-2				108		%
Boron	10-1	7.70	7.57	6.23	7.17	11.34	ppb
Boron	11-1	8.04	7.81	7.47	7.77	3.64	ppb
Cadmium	111-1	-0.01	0.03	0.02	0.01	169.45	ppb
Cadmium	106-1	-0.22	0.14	-0.07	-0.05		ppb
Cadmium	108-1	0.15	0.04	0.01	0.07	108.82	ppb
Calcium	43-1	14.30	16.60	17.61	16.17	10.50	ppb
Calcium	44-1	20.50	20.59	19.89	20.33	1.86	ppb
Chromium	52-2	0.17	0.20	0.23	0.20	14.92	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.20	0.22	0.25	0.22	11.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	56-2	1.61	1.90	1.76	1.76	8.00	ppb
Iron	57-2	1.51	2.97	1.64	2.04	39.67	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	4.21	ppb
Lead	207-1	0.04	0.05	0.05	0.05	13.42	ppb
Lead	208-1	0.05	0.06	0.05	0.05	9.01	ppb
Lithium	6-1				118		%
Magnesium	24-2	13.92	15.41	15.15	14.83	5.36	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.10	0.09	0.09	13.62	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	148.81	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	21.14	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.01	51.61	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	84.76	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	71.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.02	0.02	38.04	ppb
Phosphorus	31-2	-36.04	-35.92	-32.38	-34.78		ppb
Potassium	39-2	5.39	5.01	6.66	5.69	15.25	ppb
Rhodium	103-1				116		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	77-2	0.45	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	0.23	-1.02	0.02	-0.26		ppb
Selenium	82-1	0.11	-0.12	-0.24	-0.08		ppb
Silicon	28-1	-4.33	-4.29	-3.39	-4.00		ppb
Silver	109-1	0.13	0.14	0.13	0.14	5.87	ppb
Silver	107-1	0.12	0.12	0.13	0.13	4.69	ppb
Sodium	23-2	58.01	56.52	58.82	57.78	2.02	ppb
Strontium	86-1	0.04	0.02	0.00	0.02	99.99	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	2.45	ppb
Sulfur	34-1	-1029.59	-931.75	-914.58	-958.64		ppb
Terbium	159-1				121		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.08	0.09	0.08	9.45	ppb
Thallium	205-1	0.08	0.09	0.08	0.09	9.06	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	14.43	ppb
Tin	118-1	0.15	0.15	0.18	0.16	10.02	ppb
Titanium	47-1	0.09	0.05	0.01	0.05	83.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.11	0.08	0.11	0.10	17.90	ppb
Yttrium	89-1				116		%
Yttrium	89-2				106		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.66	2.73	2.77	2.72	1.94	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	77.19	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	742.79	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.74	28.10	24.12	26.65	8.26	ppb
Antimony	121-1	0.24	0.22	0.19	0.21	10.85	ppb
Arsenic	75-1	9.59	9.11	9.87	9.52	4.05	ppb
Barium	135-1	36.20	36.40	36.65	36.42	0.62	ppb
Barium	137-1	36.55	36.37	36.01	36.31	0.76	ppb
Beryllium	9-1	0.08	0.08	0.06	0.07	17.46	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Boron	10-1	9.08	9.14	9.47	9.23	2.27	ppb
Boron	11-1	9.54	9.57	9.59	9.57	0.26	ppb
Cadmium	111-1	0.04	-0.04	-0.02	-0.01		ppb
Cadmium	106-1	0.39	-0.74	-0.43	-0.26		ppb
Cadmium	108-1	0.11	-0.01	-0.01	0.03	222.75	ppb
Calcium	43-1	41609.54	41063.45	41318.21	41330.40	0.66	ppb
Calcium	44-1	42150.73	42418.63	42314.84	42294.73	0.32	ppb
Chromium	52-2	0.80	0.72	0.80	0.77	5.56	ppb
Cobalt	59-2	0.09	0.10	0.12	0.10	12.95	ppb
Copper	63-2	7.69	7.28	7.71	7.56	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	31601.97	31597.79	31580.39	31593.39	0.04	ppb
Iron	57-2	30987.49	30907.38	31084.43	30993.10	0.29	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.14	0.14	1.95	ppb
Lead	207-1	0.13	0.13	0.13	0.13	1.32	ppb
Lead	208-1	0.13	0.13	0.12	0.13	3.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	14522.30	14677.83	14660.40	14620.18	0.58	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	610.61	617.81	623.76	617.39	1.07	ppb
Molybdenum	94-1	0.93	0.97	0.82	0.90	8.74	ppb
Molybdenum	95-1	0.22	0.31	0.32	0.29	18.83	ppb
Molybdenum	96-1	0.70	0.67	0.70	0.69	2.92	ppb
Molybdenum	97-1	0.29	0.32	0.22	0.28	18.62	ppb
Molybdenum	98-1	0.24	0.26	0.26	0.25	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.53	0.52	0.53	1.99	ppb
Phosphorus	31-2	179.48	185.64	162.12	175.75	6.94	ppb
Potassium	39-2	869.08	881.03	880.18	876.76	0.76	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.45	0.15	173.21	ppb
Selenium	78-2	-0.04	0.19	-0.13	0.01	2692.14	ppb
Selenium	82-1	0.16	-0.03	0.02	0.05	193.03	ppb
Silicon	28-1	11374.69	11317.79	11329.35	11340.61	0.27	ppb
Silver	109-1	0.10	0.10	0.12	0.10	11.76	ppb
Silver	107-1	0.12	0.10	0.12	0.11	11.64	ppb
Sodium	23-2	9370.41	9373.75	9440.77	9394.98	0.42	ppb
Strontium	86-1	97.74	95.71	96.51	96.65	1.05	ppb
Strontium	88-1	95.81	95.37	95.02	95.40	0.42	ppb
Sulfur	34-1	1813.32	1833.06	1909.63	1852.00	2.75	ppb
Terbium	159-1				119		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.06	0.08	0.07	12.33	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	13.85	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	14.04	ppb
Tin	118-1	0.18	0.15	0.13	0.15	16.11	ppb
Titanium	47-1	3.75	3.60	3.77	3.71	2.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.46	ppb
Vanadium	51-2	1.93	2.11	2.08	2.04	4.81	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.19	7.28	7.42	7.30	1.58	ppb
Zirconium	90-1	0.49	0.50	0.47	0.49	2.63	ppb
Zirconium	91-1	0.45	0.49	0.47	0.47	4.44	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.35	37.41	32.87	35.54	6.68	ppb
Antimony	121-1	0.19	0.20	0.19	0.19	1.37	ppb
Arsenic	75-1	9.67	9.90	9.48	9.68	2.21	ppb
Barium	135-1	38.28	37.33	37.51	37.70	1.33	ppb
Barium	137-1	38.18	38.02	37.42	37.88	1.05	ppb
Beryllium	9-1	0.10	0.08	0.05	0.08	32.35	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	8.58	8.09	8.39	8.36	2.95	ppb
Boron	11-1	9.41	9.66	9.03	9.37	3.38	ppb
Cadmium	111-1	0.11	0.10	0.04	0.08	47.00	ppb
Cadmium	106-1	1.25	1.11	0.37	0.91	51.70	ppb
Cadmium	108-1	0.06	0.09	0.16	0.10	49.28	ppb
Calcium	43-1	42675.16	41931.07	41768.90	42125.04	1.15	ppb
Calcium	44-1	43031.17	42726.46	43139.94	42965.86	0.50	ppb
Chromium	52-2	0.86	0.91	0.95	0.91	4.95	ppb
Cobalt	59-2	0.12	0.10	0.10	0.11	7.95	ppb
Copper	63-2	4.99	5.13	5.18	5.10	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	31835.66	31606.66	31906.04	31782.78	0.49	ppb
Iron	57-2	31006.21	31153.71	31364.54	31174.82	0.58	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.38	0.41	0.40	5.49	ppb
Lead	207-1	0.40	0.40	0.36	0.39	5.40	ppb
Lead	208-1	0.39	0.38	0.39	0.39	1.23	ppb
Lithium	6-1				112		%
Magnesium	24-2	14697.50	14789.34	14767.55	14751.46	0.33	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	619.86	623.21	624.56	622.54	0.39	ppb
Molybdenum	94-1	0.96	0.83	0.91	0.90	7.30	ppb
Molybdenum	95-1	0.24	0.24	0.25	0.24	2.64	ppb
Molybdenum	96-1	0.73	0.61	0.60	0.65	10.74	ppb
Molybdenum	97-1	0.26	0.26	0.25	0.26	3.60	ppb
Molybdenum	98-1	0.22	0.25	0.25	0.24	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.36	0.51	0.41	22.48	ppb
Phosphorus	31-2	169.60	216.33	131.20	172.38	24.73	ppb
Potassium	39-2	886.49	898.20	899.65	894.78	0.81	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.90	0.00	0.30	173.21	ppb
Selenium	78-2	0.10	0.24	0.61	0.32	82.85	ppb
Selenium	82-1	0.29	0.13	0.41	0.28	50.33	ppb
Silicon	28-1	11499.13	11505.54	11541.34	11515.33	0.20	ppb
Silver	109-1	0.08	0.09	0.11	0.09	17.99	ppb
Silver	107-1	0.08	0.09	0.10	0.09	14.39	ppb
Sodium	23-2	9521.38	9496.37	9490.02	9502.59	0.17	ppb
Strontium	86-1	97.55	96.93	99.15	97.87	1.17	ppb
Strontium	88-1	96.59	96.50	96.05	96.38	0.30	ppb
Sulfur	34-1	1927.56	2017.13	1957.45	1967.38	2.32	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.06	0.06	0.06	8.10	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	12.32	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.40	ppb
Tin	118-1	0.17	0.14	0.16	0.16	9.19	ppb
Titanium	47-1	4.01	4.38	4.15	4.18	4.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	1.31	ppb
Vanadium	51-2	2.22	2.14	2.07	2.14	3.45	ppb
Yttrium	89-1				115		%
Yttrium	89-2				106		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	42.49	43.65	43.13	43.09	1.34	ppb
Zirconium	90-1	0.47	0.47	0.47	0.47	0.04	ppb
Zirconium	91-1	0.50	0.50	0.44	0.48	7.81	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51745.22	52682.45	52206.82	52211.50	0.90	ppb
Antimony	121-1	475.62	463.16	461.18	466.65	1.68	ppb
Arsenic	75-1	469.85	451.71	451.73	457.76	2.29	ppb
Barium	135-1	2463.63	2395.44	2401.22	2420.10	1.56	ppb
Barium	137-1	2514.49	2437.03	2452.36	2467.96	1.66	ppb
Beryllium	9-1	500.47	489.27	493.77	494.51	1.14	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	493.17	484.72	501.14	493.01	1.67	ppb
Boron	11-1	489.23	483.64	491.77	488.21	0.85	ppb
Cadmium	111-1	550.04	538.97	538.49	542.50	1.20	ppb
Cadmium	106-1	539.04	538.13	537.53	538.24	0.14	ppb
Cadmium	108-1	553.28	543.41	548.21	548.30	0.90	ppb
Calcium	43-1	240162.91	232651.24	231891.72	234901.96	1.95	ppb
Calcium	44-1	241675.26	233575.89	231131.27	235460.80	2.34	ppb
Chromium	52-2	495.14	497.96	500.28	497.79	0.52	ppb
Cobalt	59-2	486.75	494.52	492.63	491.30	0.82	ppb
Copper	63-2	990.26	995.86	1001.60	995.91	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	126455.60	127213.89	126678.95	126782.82	0.31	ppb
Iron	57-2	127284.87	125175.79	124897.26	125785.97	1.04	ppb
Krypton	83-1						cps
Lead	206-1	524.83	497.81	511.06	511.23	2.64	ppb
Lead	207-1	541.41	513.09	523.73	526.08	2.72	ppb
Lead	208-1	533.16	505.67	521.92	520.25	2.66	ppb
Lithium	6-1				94		%
Magnesium	24-2	251678.61	250905.11	249591.28	250725.00	0.42	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.34	993.26	990.29	989.63	0.40	ppb
Molybdenum	94-1	2532.25	2467.18	2469.91	2489.78	1.48	ppb
Molybdenum	95-1	2519.06	2468.53	2478.33	2488.64	1.08	ppb
Molybdenum	96-1	2524.94	2477.12	2478.18	2493.41	1.10	ppb
Molybdenum	97-1	2469.31	2392.28	2397.68	2419.76	1.78	ppb
Molybdenum	98-1	2540.25	2481.63	2475.45	2499.11	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.80	481.96	481.47	480.41	0.47	ppb
Phosphorus	31-2	9877.56	9925.17	10141.65	9981.46	1.41	ppb
Potassium	39-2	124315.94	124110.88	123658.49	124028.43	0.27	ppb
Rhodium	103-1				84		%
Rhodium	103-2				80		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	528.05	515.66	497.00	513.57	3.04	ppb
Selenium	78-2	510.83	498.57	509.44	506.28	1.33	ppb
Selenium	82-1	507.53	495.39	492.33	498.41	1.61	ppb
Silicon	28-1	624.58	623.51	633.39	627.16	0.86	ppb
Silver	109-1	492.81	476.08	477.93	482.27	1.90	ppb
Silver	107-1	488.19	477.70	472.88	479.59	1.63	ppb
Sodium	23-2	248519.31	247815.04	247139.38	247824.58	0.28	ppb
Strontium	86-1	507.03	488.29	489.75	495.02	2.11	ppb
Strontium	88-1	508.07	495.92	492.59	498.86	1.63	ppb
Sulfur	34-1	10431.07	9923.92	9675.39	10010.12	3.85	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	519.33	493.08	510.25	507.55	2.63	ppb
Thallium	205-1	536.67	511.76	533.26	527.23	2.56	ppb
Thorium	232-1	549.88	520.70	536.31	535.63	2.73	ppb
Tin	118-1	477.08	468.69	466.64	470.80	1.17	ppb
Titanium	47-1	2504.63	2407.65	2378.01	2430.10	2.73	ppb
Uranium	238-1	542.75	519.73	530.57	531.02	2.17	ppb
Vanadium	51-2	502.37	504.84	507.18	504.79	0.48	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.76	1023.82	1018.70	1018.43	0.54	ppb
Zirconium	90-1	508.85	495.54	499.39	501.26	1.37	ppb
Zirconium	91-1	506.62	492.04	493.02	497.23	1.64	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:16:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.48	2.91	2.72	3.37	28.69	ppb
Antimony	121-1	0.18	0.18	0.16	0.17	6.27	ppb
Arsenic	75-1	0.23	0.29	0.18	0.23	24.20	ppb
Barium	135-1	0.15	0.16	0.16	0.16	5.66	ppb
Barium	137-1	0.21	0.18	0.14	0.18	20.07	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	11.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	10.94	10.39	10.01	10.45	4.51	ppb
Boron	11-1	10.98	10.62	10.64	10.75	1.85	ppb
Cadmium	111-1	0.03	0.11	0.17	0.10	65.14	ppb
Cadmium	106-1	-0.60	0.64	1.44	0.49	209.02	ppb
Cadmium	108-1	0.00	0.11	0.03	0.04	130.48	ppb
Calcium	43-1	13.50	22.23	13.76	16.50	30.12	ppb
Calcium	44-1	21.15	16.74	17.25	18.38	13.14	ppb
Chromium	52-2	0.00	0.04	-0.02	0.01	273.21	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	32.39	ppb
Copper	63-2	0.12	0.10	0.10	0.11	12.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	8.12	7.21	6.89	7.41	8.63	ppb
Iron	57-2	6.92	7.16	5.06	6.38	18.03	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.07	0.08	23.73	ppb
Lead	207-1	0.07	0.10	0.08	0.08	17.52	ppb
Lead	208-1	0.08	0.08	0.08	0.08	5.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	15.70	13.87	12.90	14.16	10.05	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:16:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.10	0.09	0.10	14.16	ppb
Molybdenum	94-1	0.38	0.36	0.34	0.36	4.89	ppb
Molybdenum	95-1	0.41	0.46	0.35	0.41	13.17	ppb
Molybdenum	96-1	0.41	0.31	0.39	0.37	14.09	ppb
Molybdenum	97-1	0.41	0.36	0.32	0.36	12.00	ppb
Molybdenum	98-1	0.42	0.34	0.33	0.36	14.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	-0.01	0.01	149.18	ppb
Phosphorus	31-2	-36.34	-28.74	-26.48	-30.52		ppb
Potassium	39-2	8.54	8.05	13.66	10.08	30.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.51	0.00	0.17	173.21	ppb
Selenium	78-2	-0.40	0.00	0.08	-0.11		ppb
Selenium	82-1	0.13	-0.33	0.00	-0.07		ppb
Silicon	28-1	1.68	1.48	1.15	1.44	18.48	ppb
Silver	109-1	0.08	0.07	0.07	0.07	7.86	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.78	ppb
Sodium	23-2	38.31	36.09	35.26	36.55	4.32	ppb
Strontium	86-1	0.05	0.02	-0.01	0.02	149.54	ppb
Strontium	88-1	0.04	0.03	0.03	0.04	11.85	ppb
Sulfur	34-1	-2.72	-48.91	-58.08	-36.57		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.12	0.09	0.11	17.90	ppb
Thallium	205-1	0.13	0.10	0.09	0.11	17.96	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	2.24	ppb
Tin	118-1	0.10	0.10	0.10	0.10	1.45	ppb
Titanium	47-1	0.20	0.16	0.16	0.17	10.63	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.92	ppb
Vanadium	51-2	0.01	0.03	0.04	0.03	46.04	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:16:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.67	0.49	0.65	0.60	16.23	ppb
Zirconium	90-1	0.07	0.07	0.05	0.06	18.90	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	22.01	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.64	23.13	21.21	21.33	8.19	ppb
Antimony	121-1	0.83	0.94	0.88	0.88	6.13	ppb
Arsenic	75-1	6.22	6.79	7.24	6.75	7.60	ppb
Barium	135-1	21.76	21.80	22.05	21.87	0.73	ppb
Barium	137-1	21.79	21.62	21.89	21.77	0.63	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	52.51	ppb
Bismuth	209-1				124		%
Bismuth	209-2				113		%
Boron	10-1	60.01	64.07	61.60	61.89	3.31	ppb
Boron	11-1	61.80	63.44	64.26	63.17	1.98	ppb
Cadmium	111-1	0.11	0.02	0.00	0.05	129.49	ppb
Cadmium	106-1	0.54	-0.72	-1.11	-0.43		ppb
Cadmium	108-1	0.43	0.29	0.18	0.30	42.55	ppb
Calcium	43-1	43903.62	44058.19	44324.68	44095.49	0.48	ppb
Calcium	44-1	45414.17	45420.40	45954.07	45596.21	0.68	ppb
Chromium	52-2	8.24	8.25	8.15	8.21	0.68	ppb
Cobalt	59-2	0.37	0.37	0.38	0.37	1.03	ppb
Copper	63-2	1374.28	1389.94	1376.65	1380.29	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				113		%
Indium	115-1				117		%
Indium	115-2				108		%
Iron	56-2	3103.71	3096.05	3055.60	3085.12	0.84	ppb
Iron	57-2	3055.36	3102.67	3147.00	3101.68	1.48	ppb
Krypton	83-1						cps
Lead	206-1	195.10	191.42	192.69	193.07	0.97	ppb
Lead	207-1	190.29	188.15	189.00	189.15	0.57	ppb
Lead	208-1	188.32	186.09	187.63	187.35	0.61	ppb
Lithium	6-1				121		%
Magnesium	24-2	15417.46	15523.09	15455.11	15465.22	0.35	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.00	11.92	12.15	12.02	0.98	ppb
Molybdenum	94-1	0.12	0.10	0.11	0.11	9.47	ppb
Molybdenum	95-1	0.11	0.11	0.14	0.12	18.74	ppb
Molybdenum	96-1	0.16	0.13	0.12	0.14	14.56	ppb
Molybdenum	97-1	0.12	0.13	0.16	0.13	15.47	ppb
Molybdenum	98-1	0.11	0.12	0.10	0.11	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.22	4.15	4.21	4.19	0.97	ppb
Phosphorus	31-2	10.38	2.40	21.27	11.35	83.45	ppb
Potassium	39-2	797.62	821.36	805.48	808.15	1.50	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				117		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.44	0.89	0.44	100.02	ppb
Selenium	78-2	0.14	0.06	0.42	0.21	90.75	ppb
Selenium	82-1	1.05	0.33	0.58	0.65	55.62	ppb
Silicon	28-1	10498.11	10413.73	10592.93	10501.59	0.85	ppb
Silver	109-1	0.81	0.81	0.78	0.80	2.04	ppb
Silver	107-1	0.81	0.82	0.82	0.81	0.83	ppb
Sodium	23-2	18878.61	18950.25	18733.77	18854.21	0.58	ppb
Strontium	86-1	134.07	132.75	133.88	133.57	0.53	ppb
Strontium	88-1	130.85	130.00	132.08	130.98	0.80	ppb
Sulfur	34-1	5358.22	5315.06	5499.94	5391.07	1.79	ppb
Terbium	159-1				123		%
Terbium	159-2				112		%
Thallium	203-1	0.16	0.16	0.18	0.17	5.50	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	2.97	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.14	ppb
Tin	118-1	19.29	18.59	18.94	18.94	1.84	ppb
Titanium	47-1	1.09	1.21	1.19	1.16	5.22	ppb
Uranium	238-1	0.62	0.62	0.62	0.62	0.32	ppb
Vanadium	51-2	8.64	8.71	8.68	8.68	0.37	ppb
Yttrium	89-1				117		%
Yttrium	89-2				107		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	603.91	608.23	601.70	604.62	0.55	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	19.52	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	84.46	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	3.87	4.03	3.80	7.00	ppb
Antimony	121-1	0.15	0.17	0.14	0.15	8.04	ppb
Arsenic	75-1	1.77	1.92	1.53	1.74	11.09	ppb
Barium	135-1	3.91	4.40	4.48	4.27	7.21	ppb
Barium	137-1	4.16	4.30	4.22	4.23	1.64	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	50.50	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	15.97	18.11	17.86	17.32	6.76	ppb
Boron	11-1	16.68	17.95	18.05	17.56	4.36	ppb
Cadmium	111-1	0.00	0.05	0.07	0.04	102.68	ppb
Cadmium	106-1	-0.16	0.23	0.77	0.28	165.44	ppb
Cadmium	108-1	0.07	-0.06	0.18	0.06	188.22	ppb
Calcium	43-1	8455.35	8847.82	8889.45	8730.87	2.74	ppb
Calcium	44-1	8337.53	8862.54	8812.80	8670.96	3.34	ppb
Chromium	52-2	1.60	1.61	1.58	1.59	1.04	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	3.37	ppb
Copper	63-2	281.49	282.62	281.73	281.95	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	619.85	619.14	609.45	616.14	0.94	ppb
Iron	57-2	636.29	635.84	616.40	629.51	1.80	ppb
Krypton	83-1						cps
Lead	206-1	37.54	39.75	39.05	38.78	2.91	ppb
Lead	207-1	36.74	38.88	38.19	37.94	2.87	ppb
Lead	208-1	36.61	38.58	38.22	37.80	2.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	3079.72	3093.41	3052.10	3075.08	0.68	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.53	2.45	2.31	2.43	4.57	ppb
Molybdenum	94-1	0.01	0.05	0.02	0.03	93.65	ppb
Molybdenum	95-1	0.02	0.04	0.04	0.03	32.60	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	15.84	ppb
Molybdenum	97-1	0.05	0.02	0.06	0.04	50.41	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	17.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.69	0.82	0.76	8.73	ppb
Phosphorus	31-2	-19.09	-27.60	-31.90	-26.20		ppb
Potassium	39-2	161.94	164.01	166.01	163.99	1.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.49	0.00	0.16	173.21	ppb
Selenium	78-2	0.86	0.03	0.07	0.32	145.42	ppb
Selenium	82-1	-0.26	0.34	0.33	0.14	245.71	ppb
Silicon	28-1	1949.27	2044.99	2044.60	2012.96	2.74	ppb
Silver	109-1	0.15	0.16	0.16	0.16	2.97	ppb
Silver	107-1	0.17	0.16	0.17	0.17	2.53	ppb
Sodium	23-2	3698.12	3651.92	3667.84	3672.63	0.64	ppb
Strontium	86-1	24.63	26.61	26.13	25.79	4.01	ppb
Strontium	88-1	24.78	26.37	25.96	25.70	3.22	ppb
Sulfur	34-1	482.74	821.78	839.38	714.63	28.13	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.36	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.97	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.21	ppb
Tin	118-1	3.66	3.71	3.72	3.70	0.99	ppb
Titanium	47-1	0.23	0.34	0.25	0.28	21.16	ppb
Uranium	238-1	0.12	0.11	0.12	0.12	6.10	ppb
Vanadium	51-2	1.65	1.66	1.70	1.67	1.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	114.43	118.12	116.41	116.32	1.59	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	53.58	ppb
Zirconium	91-1	0.00	0.02	-0.01	0.00	413.99	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1882.70	1867.89	1873.14	1874.58	0.40	ppb
Antimony	121-1	647.90	645.43	653.85	649.06	0.67	ppb
Arsenic	75-1	797.95	793.88	816.61	802.81	1.51	ppb
Barium	135-1	225.86	224.69	226.27	225.61	0.36	ppb
Barium	137-1	222.53	223.27	224.82	223.54	0.52	ppb
Beryllium	9-1	209.30	208.01	208.21	208.50	0.34	ppb
Bismuth	209-1				122		%
Bismuth	209-2				111		%
Boron	10-1	341.79	345.83	357.67	348.43	2.37	ppb
Boron	11-1	342.81	349.89	359.10	350.60	2.33	ppb
Cadmium	111-1	238.52	239.38	242.99	240.30	0.99	ppb
Cadmium	106-1	721.97	732.89	736.93	730.60	1.06	ppb
Cadmium	108-1	176.80	177.41	179.65	177.95	0.84	ppb
Calcium	43-1	44575.16	44655.25	45011.38	44747.26	0.52	ppb
Calcium	44-1	46508.28	46449.26	46584.60	46514.05	0.15	ppb
Chromium	52-2	409.50	405.85	411.27	408.87	0.68	ppb
Cobalt	59-2	207.55	205.65	207.82	207.00	0.57	ppb
Copper	63-2	1673.57	1668.85	1680.69	1674.37	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	6196.37	6087.64	6126.78	6136.93	0.90	ppb
Iron	57-2	6166.82	6102.91	6195.49	6155.07	0.77	ppb
Krypton	83-1						cps
Lead	206-1	1164.77	1177.41	1192.37	1178.18	1.17	ppb
Lead	207-1	1167.79	1184.61	1183.90	1178.77	0.81	ppb
Lead	208-1	1157.53	1165.81	1166.96	1163.43	0.44	ppb
Lithium	6-1				115		%
Magnesium	24-2	17263.80	17043.26	17197.66	17168.24	0.66	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	210.16	207.01	212.18	209.78	1.24	ppb
Molybdenum	94-1	5.19	5.21	5.23	5.21	0.32	ppb
Molybdenum	95-1	7.62	7.67	7.59	7.62	0.52	ppb
Molybdenum	96-1	7.35	7.31	7.26	7.31	0.62	ppb
Molybdenum	97-1	7.77	7.65	7.66	7.69	0.81	ppb
Molybdenum	98-1	7.72	7.64	7.62	7.66	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.18	521.81	527.06	524.35	0.50	ppb
Phosphorus	31-2	6440.45	6232.73	6364.81	6346.00	1.66	ppb
Potassium	39-2	10696.47	10526.50	10642.80	10621.92	0.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	77-2	54.56	54.78	54.44	54.59	0.31	ppb
Selenium	78-2	52.09	52.29	52.60	52.33	0.50	ppb
Selenium	82-1	52.71	52.57	52.48	52.59	0.22	ppb
Silicon	28-1	11093.83	11004.89	11083.34	11060.69	0.44	ppb
Silver	109-1	75.16	74.74	75.10	75.00	0.30	ppb
Silver	107-1	74.61	74.66	74.77	74.68	0.11	ppb
Sodium	23-2	21632.63	21429.45	21512.04	21524.70	0.47	ppb
Strontium	86-1	7.26	7.22	7.25	7.24	0.35	ppb
Strontium	88-1	7.61	7.64	7.61	7.62	0.22	ppb
Sulfur	34-1	5234.99	5144.03	5227.63	5202.22	0.97	ppb
Terbium	159-1				122		%
Terbium	159-2				111		%
Thallium	203-1	1939.03	1959.19	1957.42	1951.88	0.57	ppb
Thallium	205-1	1931.76	1962.08	1958.19	1950.68	0.85	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	1.80	ppb
Tin	118-1	587.94	587.35	593.83	589.71	0.61	ppb
Titanium	47-1	170.06	172.52	171.14	171.24	0.72	ppb
Uranium	238-1	0.62	0.62	0.61	0.62	1.08	ppb
Vanadium	51-2	309.38	307.69	308.88	308.65	0.28	ppb
Yttrium	89-1				5021		%
Yttrium	89-2				4569		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	817.24	809.27	816.95	814.48	0.55	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1859.07	1868.52	1833.27	1853.62	0.98	ppb
Antimony	121-1	649.14	660.48	670.83	660.15	1.64	ppb
Arsenic	75-1	802.03	803.56	822.10	809.23	1.38	ppb
Barium	135-1	222.13	226.40	228.70	225.74	1.48	ppb
Barium	137-1	220.27	224.00	228.77	224.35	1.90	ppb
Beryllium	9-1	203.99	208.20	213.68	208.62	2.33	ppb
Bismuth	209-1				121		%
Bismuth	209-2				110		%
Boron	10-1	341.92	353.24	375.85	357.00	4.84	ppb
Boron	11-1	346.17	360.84	378.85	361.96	4.52	ppb
Cadmium	111-1	239.21	243.05	247.84	243.37	1.78	ppb
Cadmium	106-1	731.95	758.64	770.00	753.53	2.59	ppb
Cadmium	108-1	171.45	174.06	174.75	173.42	1.00	ppb
Calcium	43-1	44219.82	44916.37	45730.52	44955.57	1.68	ppb
Calcium	44-1	45313.54	46042.10	46952.52	46102.72	1.78	ppb
Chromium	52-2	406.91	414.71	404.18	408.60	1.34	ppb
Cobalt	59-2	203.55	206.83	204.35	204.91	0.84	ppb
Copper	63-2	1662.17	1680.08	1658.33	1666.86	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	6243.03	6280.77	6156.11	6226.64	1.03	ppb
Iron	57-2	6252.34	6274.30	6196.76	6241.13	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1148.80	1170.72	1174.83	1164.79	1.20	ppb
Lead	207-1	1147.23	1170.92	1186.25	1168.13	1.68	ppb
Lead	208-1	1134.73	1158.44	1172.25	1155.14	1.64	ppb
Lithium	6-1				111		%
Magnesium	24-2	17072.77	17155.20	16946.06	17058.01	0.62	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.49	211.42	207.85	210.25	0.99	ppb
Molybdenum	94-1	5.35	5.31	5.20	5.29	1.47	ppb
Molybdenum	95-1	7.74	7.74	7.65	7.71	0.65	ppb
Molybdenum	96-1	7.44	7.40	7.37	7.41	0.51	ppb
Molybdenum	97-1	7.76	7.66	7.71	7.71	0.60	ppb
Molybdenum	98-1	7.79	7.74	7.69	7.74	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.57	528.37	518.95	521.30	1.20	ppb
Phosphorus	31-2	6191.99	6528.52	6269.56	6330.02	2.78	ppb
Potassium	39-2	10516.54	10673.00	10542.36	10577.30	0.79	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	54.92	54.54	55.20	54.89	0.61	ppb
Selenium	78-2	51.19	51.84	52.41	51.81	1.17	ppb
Selenium	82-1	53.27	53.40	52.80	53.16	0.60	ppb
Silicon	28-1	10745.13	10878.16	11122.91	10915.40	1.76	ppb
Silver	109-1	73.94	75.48	76.11	75.18	1.49	ppb
Silver	107-1	73.79	75.20	76.55	75.18	1.84	ppb
Sodium	23-2	21148.94	21512.15	20984.85	21215.31	1.27	ppb
Strontium	86-1	7.41	7.25	7.24	7.30	1.33	ppb
Strontium	88-1	7.59	7.57	7.64	7.60	0.46	ppb
Sulfur	34-1	4684.26	4850.42	5080.15	4871.61	4.08	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	1883.05	1929.20	1973.57	1928.60	2.35	ppb
Thallium	205-1	1899.75	1935.38	1960.80	1931.97	1.59	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.37	ppb
Tin	118-1	581.09	593.72	603.89	592.90	1.93	ppb
Titanium	47-1	169.15	172.72	173.26	171.71	1.30	ppb
Uranium	238-1	0.59	0.61	0.63	0.61	3.06	ppb
Vanadium	51-2	308.01	309.77	306.12	307.97	0.59	ppb
Yttrium	89-1				4956		%
Yttrium	89-2				4520		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	808.06	818.56	805.72	810.78	0.84	ppb
Zirconium	90-1	-0.02	-0.02	-0.03	-0.02		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1894.71	1889.56	1897.60	1893.96	0.21	ppb
Antimony	121-1	667.02	660.80	657.70	661.84	0.72	ppb
Arsenic	75-1	831.80	821.45	809.73	820.99	1.34	ppb
Barium	135-1	228.33	226.31	224.12	226.25	0.93	ppb
Barium	137-1	226.12	223.56	224.00	224.56	0.61	ppb
Beryllium	9-1	211.57	212.63	211.01	211.74	0.39	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	10-1	357.54	368.22	366.45	364.07	1.57	ppb
Boron	11-1	360.32	367.47	369.55	365.78	1.32	ppb
Cadmium	111-1	246.81	244.06	241.87	244.25	1.01	ppb
Cadmium	106-1	759.23	753.61	744.96	752.60	0.96	ppb
Cadmium	108-1	174.68	176.60	177.06	176.12	0.72	ppb
Calcium	43-1	46342.06	45447.02	45302.61	45697.23	1.23	ppb
Calcium	44-1	47056.37	46682.60	46740.13	46826.37	0.43	ppb
Chromium	52-2	413.87	416.13	417.88	415.96	0.48	ppb
Cobalt	59-2	210.68	209.44	210.90	210.34	0.37	ppb
Copper	63-2	1690.56	1694.48	1693.46	1692.83	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	6294.69	6233.98	6229.23	6252.63	0.58	ppb
Iron	57-2	6315.75	6239.78	6276.69	6277.40	0.61	ppb
Krypton	83-1						cps
Lead	206-1	1186.24	1172.12	1174.25	1177.53	0.65	ppb
Lead	207-1	1186.87	1171.80	1180.88	1179.85	0.64	ppb
Lead	208-1	1172.37	1158.22	1164.43	1165.01	0.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	17256.16	17394.85	17335.56	17328.85	0.40	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	214.54	213.08	216.54	214.72	0.81	ppb
Molybdenum	94-1	5.33	5.28	5.24	5.29	0.81	ppb
Molybdenum	95-1	7.78	7.73	7.71	7.74	0.44	ppb
Molybdenum	96-1	7.45	7.36	7.43	7.41	0.62	ppb
Molybdenum	97-1	7.78	7.76	7.74	7.76	0.28	ppb
Molybdenum	98-1	7.80	7.78	7.66	7.75	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.33	530.86	531.46	530.55	0.21	ppb
Phosphorus	31-2	6287.05	6220.56	6579.74	6362.45	3.00	ppb
Potassium	39-2	10758.28	10648.78	10793.41	10733.49	0.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	54.59	55.01	55.33	54.98	0.68	ppb
Selenium	78-2	51.77	52.36	53.38	52.50	1.55	ppb
Selenium	82-1	53.42	52.65	53.07	53.05	0.73	ppb
Silicon	28-1	11115.34	10978.43	11000.15	11031.31	0.67	ppb
Silver	109-1	76.65	75.62	75.83	76.03	0.71	ppb
Silver	107-1	76.29	75.50	75.01	75.60	0.85	ppb
Sodium	23-2	21693.48	21491.18	21636.11	21606.93	0.48	ppb
Strontium	86-1	7.29	7.25	7.24	7.26	0.34	ppb
Strontium	88-1	7.62	7.63	7.62	7.62	0.06	ppb
Sulfur	34-1	5078.09	4946.15	4901.71	4975.32	1.84	ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	1946.84	1959.26	1938.98	1948.36	0.52	ppb
Thallium	205-1	1950.95	1953.82	1948.52	1951.10	0.14	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	9.32	ppb
Tin	118-1	601.96	595.32	595.24	597.51	0.65	ppb
Titanium	47-1	175.69	173.32	172.08	173.70	1.06	ppb
Uranium	238-1	0.61	0.63	0.62	0.62	1.18	ppb
Vanadium	51-2	311.27	312.98	315.57	313.27	0.69	ppb
Yttrium	89-1				4913		%
Yttrium	89-2				4444		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	830.80	832.72	827.47	830.33	0.32	ppb
Zirconium	90-1	-0.03	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	933.18	932.13	945.74	937.02	0.81	ppb
Antimony	121-1	346.16	342.11	343.54	343.94	0.60	ppb
Arsenic	75-1	403.09	409.15	401.57	404.60	0.99	ppb
Barium	135-1	114.89	109.69	113.44	112.67	2.38	ppb
Barium	137-1	113.04	111.35	112.79	112.39	0.81	ppb
Beryllium	9-1	105.74	106.73	105.76	106.08	0.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	184.26	185.78	190.06	186.70	1.61	ppb
Boron	11-1	183.76	189.63	191.43	188.27	2.13	ppb
Cadmium	111-1	121.37	120.30	120.39	120.69	0.49	ppb
Cadmium	106-1	367.77	367.58	366.94	367.43	0.12	ppb
Cadmium	108-1	90.67	87.58	87.83	88.69	1.94	ppb
Calcium	43-1	23124.44	23007.40	23180.72	23104.19	0.38	ppb
Calcium	44-1	23292.27	23416.94	23609.18	23439.46	0.68	ppb
Chromium	52-2	202.96	204.35	205.73	204.35	0.68	ppb
Cobalt	59-2	103.62	103.00	104.13	103.58	0.54	ppb
Copper	63-2	845.45	849.59	860.65	851.90	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	3088.46	3058.85	3095.35	3080.89	0.63	ppb
Iron	57-2	3041.56	3074.47	3107.35	3074.46	1.07	ppb
Krypton	83-1						cps
Lead	206-1	566.49	566.95	562.29	565.24	0.45	ppb
Lead	207-1	572.69	569.31	566.18	569.39	0.57	ppb
Lead	208-1	576.69	576.06	575.58	576.11	0.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	8656.44	8533.54	8675.40	8621.79	0.89	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.99	104.25	107.55	105.59	1.64	ppb
Molybdenum	94-1	5.17	5.20	5.19	5.19	0.33	ppb
Molybdenum	95-1	7.69	7.53	7.50	7.57	1.33	ppb
Molybdenum	96-1	7.34	7.25	7.27	7.28	0.66	ppb
Molybdenum	97-1	7.63	7.56	7.61	7.60	0.49	ppb
Molybdenum	98-1	7.60	7.66	7.60	7.62	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.59	262.92	266.26	264.59	0.63	ppb
Phosphorus	31-2	3044.81	3153.45	3103.95	3100.74	1.75	ppb
Potassium	39-2	5242.83	5297.99	5323.08	5287.97	0.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	51.18	50.43	53.77	51.79	3.38	ppb
Selenium	78-2	49.23	48.78	48.97	48.99	0.46	ppb
Selenium	82-1	49.76	49.58	49.43	49.59	0.33	ppb
Silicon	28-1	5561.44	5569.73	5591.61	5574.26	0.28	ppb
Silver	109-1	38.79	38.53	38.47	38.60	0.44	ppb
Silver	107-1	38.67	38.08	38.38	38.38	0.77	ppb
Sodium	23-2	10590.27	10413.94	10680.74	10561.65	1.28	ppb
Strontium	86-1	7.23	7.09	7.10	7.14	1.10	ppb
Strontium	88-1	7.24	7.22	7.21	7.22	0.20	ppb
Sulfur	34-1	2258.94	2284.04	2296.73	2279.90	0.84	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	977.31	983.78	986.75	982.61	0.49	ppb
Thallium	205-1	979.85	988.38	994.74	987.66	0.76	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	12.92	ppb
Tin	118-1	302.64	297.55	302.55	300.91	0.97	ppb
Titanium	47-1	86.99	87.78	88.11	87.62	0.66	ppb
Uranium	238-1	0.31	0.31	0.31	0.31	0.41	ppb
Vanadium	51-2	152.62	153.63	155.24	153.83	0.86	ppb
Yttrium	89-1				2288		%
Yttrium	89-2				2149		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	396.80	398.11	403.58	399.50	0.90	ppb
Zirconium	90-1	-0.02	-0.02	-0.03	-0.02		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	953.43	946.14	934.70	944.76	1.00	ppb
Antimony	121-1	347.45	340.56	341.36	343.12	1.10	ppb
Arsenic	75-1	407.39	399.39	391.13	399.30	2.04	ppb
Barium	135-1	113.31	111.52	112.07	112.30	0.82	ppb
Barium	137-1	112.64	110.08	111.92	111.55	1.18	ppb
Beryllium	9-1	104.90	103.63	104.45	104.33	0.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	184.97	184.75	188.66	186.13	1.18	ppb
Boron	11-1	186.01	186.18	187.95	186.72	0.58	ppb
Cadmium	111-1	122.66	118.71	119.69	120.35	1.71	ppb
Cadmium	106-1	382.23	371.70	378.36	377.43	1.41	ppb
Cadmium	108-1	86.53	87.28	84.93	86.25	1.39	ppb
Calcium	43-1	22964.34	22492.95	22357.64	22604.98	1.41	ppb
Calcium	44-1	23212.35	23052.92	23095.41	23120.23	0.36	ppb
Chromium	52-2	206.72	204.33	207.23	206.09	0.75	ppb
Cobalt	59-2	104.91	103.37	105.84	104.70	1.19	ppb
Copper	63-2	859.74	843.64	859.86	854.41	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	3173.27	3129.65	3129.70	3144.20	0.80	ppb
Iron	57-2	3157.48	3135.93	3126.77	3140.06	0.50	ppb
Krypton	83-1						cps
Lead	206-1	565.34	559.64	551.55	558.84	1.24	ppb
Lead	207-1	566.76	560.64	555.41	560.94	1.01	ppb
Lead	208-1	574.33	570.29	565.79	570.13	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	8707.97	8662.54	8783.33	8717.95	0.70	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.29	105.21	107.15	106.55	1.09	ppb
Molybdenum	94-1	5.24	5.21	5.22	5.22	0.27	ppb
Molybdenum	95-1	7.71	7.62	7.55	7.63	1.07	ppb
Molybdenum	96-1	7.34	7.27	7.30	7.30	0.45	ppb
Molybdenum	97-1	7.62	7.66	7.53	7.61	0.91	ppb
Molybdenum	98-1	7.67	7.65	7.64	7.65	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.81	263.60	268.91	266.77	1.05	ppb
Phosphorus	31-2	3284.10	3018.79	3051.97	3118.29	4.64	ppb
Potassium	39-2	5332.71	5317.44	5299.38	5316.51	0.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	49.57	50.01	52.41	50.66	3.01	ppb
Selenium	78-2	48.61	48.95	48.38	48.65	0.59	ppb
Selenium	82-1	49.62	49.44	49.60	49.55	0.19	ppb
Silicon	28-1	5529.74	5464.70	5466.36	5486.93	0.68	ppb
Silver	109-1	38.93	37.99	37.55	38.16	1.84	ppb
Silver	107-1	37.96	37.68	37.22	37.62	0.98	ppb
Sodium	23-2	10690.96	10512.52	10708.36	10637.28	1.02	ppb
Strontium	86-1	7.20	7.16	7.18	7.18	0.27	ppb
Strontium	88-1	7.26	7.16	7.21	7.21	0.75	ppb
Sulfur	34-1	2276.27	2080.91	2162.34	2173.17	4.52	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	975.19	973.41	963.47	970.69	0.65	ppb
Thallium	205-1	981.87	974.29	968.80	974.99	0.67	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	29.73	ppb
Tin	118-1	300.69	295.73	297.83	298.08	0.83	ppb
Titanium	47-1	87.41	86.66	86.42	86.83	0.60	ppb
Uranium	238-1	0.32	0.31	0.29	0.31	5.92	ppb
Vanadium	51-2	154.94	154.33	155.27	154.85	0.31	ppb
Yttrium	89-1				2276		%
Yttrium	89-2				2134		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	401.49	396.95	408.41	402.28	1.44	ppb
Zirconium	90-1	-0.02	-0.02	-0.03	-0.02		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.56	952.12	961.40	961.36	0.96	ppb
Antimony	121-1	342.25	344.07	344.06	343.46	0.30	ppb
Arsenic	75-1	401.02	396.28	409.28	402.20	1.64	ppb
Barium	135-1	112.37	112.64	113.68	112.90	0.61	ppb
Barium	137-1	111.81	112.86	113.09	112.59	0.60	ppb
Beryllium	9-1	105.99	105.82	106.03	105.95	0.11	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	184.92	187.22	190.54	187.56	1.50	ppb
Boron	11-1	184.35	187.95	193.41	188.57	2.42	ppb
Cadmium	111-1	121.67	121.24	121.13	121.35	0.24	ppb
Cadmium	106-1	383.51	380.29	376.42	380.07	0.93	ppb
Cadmium	108-1	87.30	89.89	88.07	88.42	1.50	ppb
Calcium	43-1	22637.76	22693.13	22858.31	22729.73	0.50	ppb
Calcium	44-1	23100.63	23134.18	23326.60	23187.14	0.53	ppb
Chromium	52-2	208.88	210.04	207.50	208.80	0.61	ppb
Cobalt	59-2	105.29	105.76	105.59	105.55	0.23	ppb
Copper	63-2	867.27	868.37	859.49	865.04	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	3167.04	3153.36	3121.98	3147.46	0.73	ppb
Iron	57-2	3197.24	3192.51	3163.38	3184.38	0.58	ppb
Krypton	83-1						cps
Lead	206-1	559.97	564.89	560.22	561.69	0.49	ppb
Lead	207-1	563.82	563.58	563.90	563.76	0.03	ppb
Lead	208-1	570.37	574.60	573.62	572.86	0.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	8824.30	8785.96	8647.64	8752.63	1.06	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.18	107.62	107.22	107.67	0.45	ppb
Molybdenum	94-1	5.22	5.21	5.23	5.22	0.25	ppb
Molybdenum	95-1	7.58	7.54	7.61	7.58	0.50	ppb
Molybdenum	96-1	7.32	7.21	7.35	7.30	1.01	ppb
Molybdenum	97-1	7.61	7.66	7.64	7.64	0.34	ppb
Molybdenum	98-1	7.70	7.63	7.70	7.68	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.51	269.91	267.88	269.44	0.51	ppb
Phosphorus	31-2	3124.19	3050.60	3158.53	3111.11	1.77	ppb
Potassium	39-2	5415.45	5361.10	5363.36	5379.97	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	49.37	50.22	49.86	49.82	0.86	ppb
Selenium	78-2	47.64	49.00	47.96	48.20	1.48	ppb
Selenium	82-1	50.10	49.51	49.95	49.85	0.62	ppb
Silicon	28-1	5462.54	5488.70	5536.51	5495.92	0.68	ppb
Silver	109-1	38.17	38.27	38.19	38.21	0.13	ppb
Silver	107-1	38.02	38.32	38.08	38.14	0.42	ppb
Sodium	23-2	10711.97	10749.71	10530.78	10664.15	1.10	ppb
Strontium	86-1	7.22	7.16	7.18	7.18	0.43	ppb
Strontium	88-1	7.24	7.18	7.15	7.19	0.61	ppb
Sulfur	34-1	2215.28	2112.57	2338.08	2221.98	5.08	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	961.12	974.05	976.26	970.48	0.84	ppb
Thallium	205-1	968.08	981.17	976.02	975.09	0.68	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	30.76	ppb
Tin	118-1	301.53	301.36	301.63	301.50	0.05	ppb
Titanium	47-1	86.50	87.42	86.89	86.94	0.53	ppb
Uranium	238-1	0.31	0.31	0.32	0.31	1.73	ppb
Vanadium	51-2	157.76	156.16	156.54	156.82	0.53	ppb
Yttrium	89-1				2271		%
Yttrium	89-2				2135		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	407.36	406.46	403.72	405.85	0.47	ppb
Zirconium	90-1	-0.02	-0.02	-0.03	-0.02		ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.46	10.73	9.43	10.87	13.97	ppb
Antimony	121-1	1.04	0.95	0.99	1.00	4.49	ppb
Arsenic	75-1	3.65	4.03	4.00	3.89	5.45	ppb
Barium	135-1	10.91	10.78	11.11	10.93	1.54	ppb
Barium	137-1	11.23	10.50	10.84	10.86	3.36	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	19.16	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	37.88	39.19	38.81	38.63	1.75	ppb
Boron	11-1	38.92	39.63	39.84	39.46	1.22	ppb
Cadmium	111-1	0.26	0.27	0.17	0.23	22.84	ppb
Cadmium	106-1	2.93	2.70	1.68	2.44	27.24	ppb
Cadmium	108-1	0.17	0.05	0.12	0.12	55.93	ppb
Calcium	43-1	22260.93	22186.19	22143.24	22196.79	0.27	ppb
Calcium	44-1	22446.80	22745.70	22767.53	22653.34	0.79	ppb
Chromium	52-2	4.14	4.13	4.11	4.12	0.45	ppb
Cobalt	59-2	0.20	0.18	0.19	0.19	5.85	ppb
Copper	63-2	716.73	702.15	717.23	712.04	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	1566.71	1532.00	1560.14	1552.95	1.19	ppb
Iron	57-2	1600.69	1574.26	1604.44	1593.13	1.03	ppb
Krypton	83-1						cps
Lead	206-1	99.51	98.82	97.26	98.53	1.17	ppb
Lead	207-1	97.90	96.97	95.63	96.84	1.18	ppb
Lead	208-1	96.98	96.18	94.87	96.01	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	7778.49	7663.47	7788.66	7743.54	0.90	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.04	6.02	5.94	6.00	0.88	ppb
Molybdenum	94-1	0.07	0.05	0.08	0.07	20.70	ppb
Molybdenum	95-1	0.13	0.10	0.10	0.11	15.10	ppb
Molybdenum	96-1	0.12	0.09	0.09	0.10	17.67	ppb
Molybdenum	97-1	0.17	0.13	0.10	0.13	26.88	ppb
Molybdenum	98-1	0.11	0.08	0.07	0.09	21.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.15	2.04	2.10	2.62	ppb
Phosphorus	31-2	-3.97	-9.70	-2.81	-5.49		ppb
Potassium	39-2	384.37	389.32	398.75	390.81	1.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	1.51	1.46	0.00	0.99	86.64	ppb
Selenium	78-2	1.07	0.49	-0.03	0.51	108.11	ppb
Selenium	82-1	0.84	0.68	0.49	0.67	26.27	ppb
Silicon	28-1	5096.66	5131.73	5105.32	5111.24	0.36	ppb
Silver	109-1	0.35	0.35	0.36	0.35	1.63	ppb
Silver	107-1	0.38	0.35	0.37	0.37	3.09	ppb
Sodium	23-2	9265.76	9096.10	9271.41	9211.09	1.08	ppb
Strontium	86-1	67.18	66.03	66.03	66.41	1.00	ppb
Strontium	88-1	65.53	65.93	65.57	65.68	0.34	ppb
Sulfur	34-1	2293.72	2399.60	2331.67	2341.66	2.29	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.39	0.38	0.34	0.37	6.69	ppb
Thallium	205-1	0.36	0.35	0.33	0.35	4.12	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	9.46	9.41	9.68	9.52	1.47	ppb
Titanium	47-1	0.60	0.56	0.63	0.60	5.81	ppb
Uranium	238-1	0.32	0.29	0.29	0.30	6.06	ppb
Vanadium	51-2	4.37	4.38	4.24	4.33	1.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	302.30	301.08	304.39	302.59	0.55	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.55	ppb
Zirconium	91-1	-0.02	-0.01	0.02	0.00		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.66	10.52	9.20	10.46	11.77	ppb
Antimony	121-1	0.77	0.80	0.81	0.79	2.79	ppb
Arsenic	75-1	3.67	4.19	4.41	4.09	9.28	ppb
Barium	135-1	11.04	10.80	10.89	10.91	1.08	ppb
Barium	137-1	11.06	11.09	10.91	11.02	0.86	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	20.96	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	33.79	34.76	34.82	34.46	1.68	ppb
Boron	11-1	36.08	36.30	36.46	36.28	0.52	ppb
Cadmium	111-1	0.04	0.06	0.15	0.09	68.61	ppb
Cadmium	106-1	0.12	0.58	1.71	0.80	102.34	ppb
Cadmium	108-1	0.02	0.00	0.08	0.03	131.20	ppb
Calcium	43-1	22710.75	22583.68	22533.46	22609.30	0.40	ppb
Calcium	44-1	23000.85	22960.24	22925.87	22962.32	0.16	ppb
Chromium	52-2	4.02	4.17	4.10	4.10	1.81	ppb
Cobalt	59-2	0.15	0.18	0.16	0.16	9.97	ppb
Copper	63-2	709.53	709.09	706.43	708.35	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	1549.44	1534.24	1548.16	1543.95	0.55	ppb
Iron	57-2	1582.48	1605.38	1564.12	1583.99	1.31	ppb
Krypton	83-1						cps
Lead	206-1	100.26	98.39	98.92	99.19	0.97	ppb
Lead	207-1	98.39	96.85	97.45	97.56	0.80	ppb
Lead	208-1	98.10	95.57	96.34	96.67	1.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	7739.48	7720.07	7635.53	7698.36	0.72	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.13	6.12	6.19	6.15	0.66	ppb
Molybdenum	94-1	0.04	0.02	0.01	0.02	77.33	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.17	ppb
Molybdenum	96-1	0.07	0.05	0.07	0.06	18.70	ppb
Molybdenum	97-1	0.06	0.02	0.05	0.04	48.64	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	17.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.10	1.95	2.03	3.85	ppb
Phosphorus	31-2	-17.61	0.05	-4.26	-7.28		ppb
Potassium	39-2	406.66	400.22	404.53	403.80	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.51	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	0.19	-0.17	0.31	0.11	233.32	ppb
Selenium	82-1	0.13	1.01	1.16	0.77	72.61	ppb
Silicon	28-1	5186.98	5152.18	5151.41	5163.52	0.39	ppb
Silver	109-1	0.32	0.39	0.38	0.36	10.45	ppb
Silver	107-1	0.36	0.35	0.36	0.36	1.15	ppb
Sodium	23-2	9261.63	9154.95	9062.99	9159.85	1.09	ppb
Strontium	86-1	66.62	66.01	67.53	66.72	1.15	ppb
Strontium	88-1	67.26	66.08	66.53	66.62	0.90	ppb
Sulfur	34-1	2422.39	2480.71	2561.66	2488.25	2.81	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.14	0.17	0.15	9.44	ppb
Thallium	205-1	0.17	0.15	0.12	0.15	13.90	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	9.66	9.68	9.76	9.70	0.58	ppb
Titanium	47-1	0.54	0.53	0.50	0.52	4.47	ppb
Uranium	238-1	0.30	0.30	0.31	0.30	0.80	ppb
Vanadium	51-2	4.29	4.42	4.24	4.32	2.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	300.28	304.67	297.01	300.65	1.28	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	86.21	ppb
Zirconium	91-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51072.61	51745.53	51005.51	51274.55	0.80	ppb
Antimony	121-1	470.20	461.07	464.00	465.09	1.00	ppb
Arsenic	75-1	478.87	473.87	469.69	474.14	0.97	ppb
Barium	135-1	2425.29	2395.66	2401.15	2407.36	0.65	ppb
Barium	137-1	2486.20	2447.18	2465.03	2466.14	0.79	ppb
Beryllium	9-1	497.72	495.75	497.80	497.09	0.23	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	10-1	493.14	491.92	498.75	494.60	0.74	ppb
Boron	11-1	479.96	486.71	493.88	486.85	1.43	ppb
Cadmium	111-1	549.04	532.70	535.77	539.17	1.61	ppb
Cadmium	106-1	549.30	526.98	532.70	536.33	2.16	ppb
Cadmium	108-1	541.47	540.78	543.10	541.79	0.22	ppb
Calcium	43-1	242219.26	240272.62	242379.46	241623.78	0.49	ppb
Calcium	44-1	243016.30	238858.51	242030.53	241301.78	0.90	ppb
Chromium	52-2	496.73	498.67	490.20	495.20	0.90	ppb
Cobalt	59-2	495.43	495.58	487.32	492.78	0.96	ppb
Copper	63-2	1002.39	1000.53	987.88	996.93	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	128441.58	127428.53	125835.51	127235.21	1.03	ppb
Iron	57-2	125609.10	125537.77	123466.89	124871.25	0.97	ppb
Krypton	83-1						cps
Lead	206-1	523.33	516.11	523.66	521.03	0.82	ppb
Lead	207-1	536.69	529.78	533.11	533.19	0.65	ppb
Lead	208-1	527.96	526.30	530.50	528.25	0.40	ppb
Lithium	6-1				88		%
Magnesium	24-2	248408.57	248716.56	242584.71	246569.95	1.40	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.43	990.40	980.42	987.75	0.65	ppb
Molybdenum	94-1	2504.68	2508.04	2523.77	2512.17	0.41	ppb
Molybdenum	95-1	2507.77	2507.41	2525.02	2513.40	0.40	ppb
Molybdenum	96-1	2503.46	2508.18	2516.00	2509.21	0.25	ppb
Molybdenum	97-1	2442.11	2423.48	2438.48	2434.69	0.41	ppb
Molybdenum	98-1	2521.53	2519.02	2540.33	2526.96	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.34	486.77	477.26	483.46	1.11	ppb
Phosphorus	31-2	9933.57	10011.30	9932.22	9959.03	0.45	ppb
Potassium	39-2	124669.19	124131.21	122214.91	123671.77	1.04	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	77-2	485.79	504.92	474.83	488.51	3.12	ppb
Selenium	78-2	508.87	502.80	504.23	505.30	0.63	ppb
Selenium	82-1	492.34	494.14	500.81	495.77	0.90	ppb
Silicon	28-1	606.28	623.76	645.51	625.19	3.14	ppb
Silver	109-1	484.14	475.73	478.53	479.47	0.89	ppb
Silver	107-1	483.01	476.05	472.23	477.09	1.15	ppb
Sodium	23-2	246149.70	244572.63	240152.93	243625.08	1.28	ppb
Strontium	86-1	491.71	488.71	493.07	491.16	0.46	ppb
Strontium	88-1	498.31	496.81	503.24	499.45	0.67	ppb
Sulfur	34-1	10718.95	10472.68	10572.64	10588.09	1.17	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	517.71	508.85	513.92	513.50	0.87	ppb
Thallium	205-1	536.99	534.69	540.88	537.52	0.58	ppb
Thorium	232-1	539.05	536.09	545.68	540.27	0.91	ppb
Tin	118-1	473.48	467.21	467.96	469.55	0.73	ppb
Titanium	47-1	2507.95	2471.49	2489.05	2489.49	0.73	ppb
Uranium	238-1	531.17	526.66	538.26	532.03	1.10	ppb
Vanadium	51-2	501.23	503.78	496.97	500.66	0.69	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1027.80	1029.71	1015.40	1024.30	0.76	ppb
Zirconium	90-1	502.34	500.53	503.95	502.28	0.34	ppb
Zirconium	91-1	500.02	491.42	495.53	495.65	0.87	ppb

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 17:05:31 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.19	1.62	2.43	2.41	32.50	ppb
Antimony	121-1	0.23	0.22	0.23	0.23	3.37	ppb
Arsenic	75-1	0.18	0.34	0.22	0.25	34.50	ppb
Barium	135-1	0.15	0.12	0.12	0.13	13.47	ppb
Barium	137-1	0.14	0.15	0.15	0.15	6.97	ppb
Beryllium	9-1	0.07	0.09	0.06	0.07	23.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	12.59	12.15	11.00	11.91	6.86	ppb
Boron	11-1	13.09	11.86	10.81	11.92	9.57	ppb
Cadmium	111-1	0.18	0.14	0.15	0.16	14.31	ppb
Cadmium	106-1	1.57	0.99	0.99	1.19	28.37	ppb
Cadmium	108-1	0.11	0.08	0.05	0.08	34.62	ppb
Calcium	43-1	17.55	15.66	16.04	16.42	6.08	ppb
Calcium	44-1	16.76	16.01	15.62	16.13	3.60	ppb
Chromium	52-2	0.08	0.01	0.02	0.04	111.65	ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	95.85	ppb
Copper	63-2	0.11	0.09	0.11	0.11	8.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	8.74	5.87	5.21	6.61	28.36	ppb
Iron	57-2	4.95	4.79	6.65	5.46	18.84	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.08	0.09	11.22	ppb
Lead	207-1	0.09	0.09	0.11	0.10	8.39	ppb
Lead	208-1	0.09	0.10	0.09	0.09	5.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	22.86	9.42	9.78	14.02	54.65	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:05:31	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.06	0.08	0.07	17.33	ppb
Molybdenum	94-1	0.40	0.35	0.27	0.34	20.14	ppb
Molybdenum	95-1	0.46	0.41	0.32	0.40	17.92	ppb
Molybdenum	96-1	0.50	0.44	0.33	0.42	21.24	ppb
Molybdenum	97-1	0.46	0.44	0.40	0.44	7.45	ppb
Molybdenum	98-1	0.41	0.39	0.33	0.38	10.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.02	33.24	ppb
Phosphorus	31-2	-26.96	-41.92	-42.52	-37.14		ppb
Potassium	39-2	22.84	6.70	5.88	11.81	81.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	0.52	0.00	0.52	0.35	86.61	ppb
Selenium	78-2	0.06	0.22	-0.22	0.02	1204.41	ppb
Selenium	82-1	0.33	0.13	0.20	0.22	47.61	ppb
Silicon	28-1	3.79	2.58	1.37	2.58	46.98	ppb
Silver	109-1	0.06	0.05	0.05	0.05	11.74	ppb
Silver	107-1	0.05	0.06	0.05	0.05	11.91	ppb
Sodium	23-2	35.17	28.34	24.58	29.36	18.28	ppb
Strontium	86-1	0.04	0.01	-0.01	0.01	192.18	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	5.11	ppb
Sulfur	34-1	26.28	0.20	-187.51	-53.67		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.19	0.19	0.19	0.72	ppb
Thallium	205-1	0.19	0.18	0.17	0.18	6.37	ppb
Thorium	232-1	0.07	0.05	0.05	0.06	10.94	ppb
Tin	118-1	0.09	0.09	0.08	0.09	4.86	ppb
Titanium	47-1	0.19	0.13	0.26	0.19	32.94	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	18.70	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	36.46	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:05:31	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.42	0.63	0.46	0.50	21.52	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	8.64	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	13.95	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.30	2.60	2.38	2.43	6.51	ppb
Antimony	121-1	0.15	0.13	0.14	0.14	7.13	ppb
Arsenic	75-1	0.59	0.67	0.79	0.68	14.39	ppb
Barium	135-1	2.23	2.37	2.33	2.31	3.02	ppb
Barium	137-1	2.27	2.10	2.31	2.23	5.15	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	19.97	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	11.61	11.76	12.59	11.99	4.42	ppb
Boron	11-1	12.02	12.18	11.71	11.97	1.97	ppb
Cadmium	111-1	0.02	0.06	0.03	0.04	47.36	ppb
Cadmium	106-1	0.11	0.49	-0.04	0.19	146.04	ppb
Cadmium	108-1	0.00	0.05	0.03	0.02	108.59	ppb
Calcium	43-1	4464.50	4491.93	4500.52	4485.65	0.42	ppb
Calcium	44-1	4551.76	4433.33	4510.57	4498.55	1.34	ppb
Chromium	52-2	0.82	0.89	0.84	0.85	4.59	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	13.14	ppb
Copper	63-2	143.47	142.61	144.03	143.37	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	317.97	314.41	314.28	315.55	0.66	ppb
Iron	57-2	310.89	315.75	312.19	312.94	0.80	ppb
Krypton	83-1						cps
Lead	206-1	20.21	19.91	19.82	19.98	1.03	ppb
Lead	207-1	19.85	19.25	19.64	19.58	1.53	ppb
Lead	208-1	19.76	19.24	19.40	19.47	1.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	1590.39	1567.67	1565.43	1574.49	0.88	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.38	1.28	1.23	1.29	5.88	ppb
Molybdenum	94-1	0.07	0.05	0.04	0.05	22.15	ppb
Molybdenum	95-1	0.09	0.07	0.07	0.07	14.62	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	11.69	ppb
Molybdenum	97-1	0.11	0.05	0.08	0.08	38.51	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.07	7.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.42	0.43	0.44	6.19	ppb
Phosphorus	31-2	-26.37	-34.70	-38.86	-33.31		ppb
Potassium	39-2	85.70	78.54	82.90	82.38	4.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.50	0.00	0.17	173.21	ppb
Selenium	78-2	0.23	-0.10	-0.11	0.01	3428.17	ppb
Selenium	82-1	0.18	0.29	0.06	0.18	65.88	ppb
Silicon	28-1	1046.45	1025.25	1047.55	1039.75	1.21	ppb
Silver	109-1	0.10	0.09	0.08	0.09	11.10	ppb
Silver	107-1	0.09	0.10	0.08	0.09	9.03	ppb
Sodium	23-2	1887.13	1865.02	1853.37	1868.51	0.92	ppb
Strontium	86-1	13.57	13.41	13.39	13.46	0.73	ppb
Strontium	88-1	13.51	13.17	13.46	13.38	1.35	ppb
Sulfur	34-1	499.35	261.18	345.35	368.63	32.76	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.08	0.10	0.10	11.20	ppb
Thallium	205-1	0.10	0.08	0.09	0.09	7.12	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	1.46	ppb
Tin	118-1	1.95	1.90	1.89	1.91	1.58	ppb
Titanium	47-1	0.18	0.11	0.16	0.15	25.89	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	10.18	ppb
Vanadium	51-2	0.81	0.77	0.82	0.80	3.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.85	59.27	58.85	58.99	0.41	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	81.16	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	124.06	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51624.45	51520.30	51572.64	51572.46	0.10	ppb
Antimony	121-1	470.52	462.48	460.53	464.51	1.14	ppb
Arsenic	75-1	472.01	471.44	465.42	469.62	0.78	ppb
Barium	135-1	2416.09	2387.10	2394.43	2399.21	0.63	ppb
Barium	137-1	2489.60	2456.73	2460.83	2469.06	0.73	ppb
Beryllium	9-1	502.36	493.08	494.86	496.77	0.99	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	480.79	485.73	490.34	485.62	0.98	ppb
Boron	11-1	479.78	482.84	493.04	485.22	1.43	ppb
Cadmium	111-1	600.42	584.43	588.84	591.23	1.40	ppb
Cadmium	106-1	581.69	575.00	576.96	577.88	0.60	ppb
Cadmium	108-1	596.61	586.31	584.56	589.16	1.10	ppb
Calcium	43-1	241997.73	242622.14	242159.43	242259.77	0.13	ppb
Calcium	44-1	242774.66	241812.31	241353.03	241980.00	0.30	ppb
Chromium	52-2	498.09	493.54	494.87	495.50	0.47	ppb
Cobalt	59-2	488.40	486.67	489.11	488.06	0.26	ppb
Copper	63-2	999.24	998.38	997.15	998.26	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	128267.53	126221.27	126446.55	126978.45	0.88	ppb
Iron	57-2	123895.69	123469.21	124259.58	123874.82	0.32	ppb
Krypton	83-1						cps
Lead	206-1	528.15	517.42	518.46	521.34	1.13	ppb
Lead	207-1	540.68	529.42	528.87	532.99	1.25	ppb
Lead	208-1	535.11	527.37	528.09	530.19	0.81	ppb
Lithium	6-1				90		%
Magnesium	24-2	249017.17	248262.85	248805.70	248695.24	0.16	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.44	977.02	985.75	983.74	0.61	ppb
Molybdenum	94-1	2539.16	2501.51	2514.10	2518.25	0.76	ppb
Molybdenum	95-1	2548.34	2506.25	2503.94	2519.51	0.99	ppb
Molybdenum	96-1	2536.99	2507.82	2500.49	2515.10	0.77	ppb
Molybdenum	97-1	2477.88	2405.81	2400.26	2427.98	1.78	ppb
Molybdenum	98-1	2545.14	2480.42	2516.37	2513.98	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.98	476.70	480.94	478.87	0.44	ppb
Phosphorus	31-2	10074.14	9646.27	10072.80	9931.07	2.48	ppb
Potassium	39-2	124176.93	123108.23	123365.03	123550.06	0.45	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	77-2	506.51	516.65	521.44	514.87	1.48	ppb
Selenium	78-2	525.81	512.73	525.29	521.27	1.42	ppb
Selenium	82-1	520.76	505.54	515.37	513.89	1.50	ppb
Silicon	28-1	606.53	632.05	644.93	627.84	3.11	ppb
Silver	109-1	514.29	499.48	500.44	504.74	1.64	ppb
Silver	107-1	512.56	500.02	498.34	503.64	1.54	ppb
Sodium	23-2	245499.38	244634.03	245196.35	245109.92	0.18	ppb
Strontium	86-1	499.96	489.49	493.50	494.32	1.07	ppb
Strontium	88-1	503.18	497.86	498.23	499.76	0.59	ppb
Sulfur	34-1	10472.67	10334.70	10406.20	10404.52	0.66	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	520.45	510.96	510.83	514.08	1.07	ppb
Thallium	205-1	544.28	539.06	539.14	540.83	0.55	ppb
Thorium	232-1	546.66	546.24	542.99	545.30	0.37	ppb
Tin	118-1	477.72	469.32	469.04	472.03	1.04	ppb
Titanium	47-1	2502.48	2482.35	2480.04	2488.29	0.50	ppb
Uranium	238-1	539.32	538.03	533.79	537.04	0.54	ppb
Vanadium	51-2	501.29	501.28	499.05	500.54	0.26	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1054.53	1049.24	1060.34	1054.70	0.53	ppb
Zirconium	90-1	510.13	502.36	499.70	504.06	1.08	ppb
Zirconium	91-1	504.74	494.80	492.84	497.46	1.28	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.26	2.00	1.43	35.06	ppb
Antimony	121-1	0.22	0.22	0.20	0.21	6.62	ppb
Arsenic	75-1	0.22	0.09	-0.01	0.10	119.53	ppb
Barium	135-1	0.07	0.03	0.02	0.04	75.99	ppb
Barium	137-1	0.06	0.03	0.06	0.05	37.03	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	14.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	12.68	10.90	10.95	11.51	8.83	ppb
Boron	11-1	11.98	11.34	10.80	11.37	5.20	ppb
Cadmium	111-1	0.02	0.13	0.05	0.06	89.65	ppb
Cadmium	106-1	-0.19	1.13	0.22	0.39	174.58	ppb
Cadmium	108-1	0.17	0.05	0.16	0.13	50.52	ppb
Calcium	43-1	5.39	5.91	2.88	4.73	34.28	ppb
Calcium	44-1	4.96	4.22	4.01	4.40	11.36	ppb
Chromium	52-2	0.01	0.00	0.01	0.01	52.74	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.10	ppb
Copper	63-2	0.06	0.12	0.15	0.11	38.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	3.18	4.13	4.40	3.90	16.36	ppb
Iron	57-2	3.28	3.56	3.91	3.59	8.80	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.06	5.99	ppb
Lead	207-1	0.03	0.05	0.05	0.05	21.30	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.32	7.91	9.44	7.89	19.72	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.07	0.07	0.06	34.76	ppb
Molybdenum	94-1	0.38	0.27	0.24	0.30	24.77	ppb
Molybdenum	95-1	0.46	0.45	0.36	0.42	13.54	ppb
Molybdenum	96-1	0.46	0.36	0.31	0.38	20.19	ppb
Molybdenum	97-1	0.47	0.36	0.37	0.40	14.85	ppb
Molybdenum	98-1	0.45	0.36	0.34	0.38	14.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-44.39	-33.99	-26.05	-34.81		ppb
Potassium	39-2	9.05	2.67	11.87	7.86	59.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	0.00	1.04	0.00	0.35	173.21	ppb
Selenium	78-2	-0.48	-0.21	-0.16	-0.28		ppb
Selenium	82-1	-0.47	-0.39	0.42	-0.15		ppb
Silicon	28-1	4.35	2.16	1.90	2.80	47.97	ppb
Silver	109-1	0.03	0.05	0.03	0.04	24.07	ppb
Silver	107-1	0.03	0.03	0.04	0.03	21.57	ppb
Sodium	23-2	26.42	28.57	27.24	27.41	3.95	ppb
Strontium	86-1	-0.01	-0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	10.87	ppb
Sulfur	34-1	155.47	-79.64	-97.79	-7.32		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.14	0.14	0.14	0.14	0.92	ppb
Thallium	205-1	0.15	0.13	0.13	0.14	9.37	ppb
Thorium	232-1	0.09	0.09	0.08	0.09	5.68	ppb
Tin	118-1	0.10	0.06	0.07	0.08	27.81	ppb
Titanium	47-1	0.09	0.06	0.03	0.06	51.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.17	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	16.41	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	-0.02	0.14	0.07	116.85	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	21.51	ppb
Zirconium	91-1	0.01	0.02	0.05	0.03	79.28	ppb

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:07:17	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	17	25	33	25	33.32	cps
Arsenic	75-1	-396	-307	-254	-319	-22.52	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	0	8	25	11	114.58	cps
Beryllium	9-1	67	61	61	63	5.10	cps
Bismuth	209-1	6098428	6063677	6002911	6055005	0.80	cps
Bismuth	209-2	3563276	3599132	3632832	3598414	0.97	cps
Boron	10-1	342	267	350	319	14.37	cps
Boron	11-1	1342	1042	1142	1175	13.00	cps
Cadmium	111-1	2049	2046	1836	1977	6.17	cps
Cadmium	106-1	2934	2909	2625	2823	6.07	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	125	83	150	119	28.20	cps
Calcium	44-1	3609	3201	3684	3498	7.44	cps
Chromium	52-2	547	500	560	536	5.88	cps
Cobalt	59-2	33	37	30	33	10.01	cps
Copper	63-2	140	143	113	132	12.43	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	110	123	143	126	13.36	cps
Holmium	165-1	8717611	8663827	8596911	8659450	0.70	cps
Holmium	165-2	4763001	4781088	4828980	4791023	0.71	cps
Indium	115-1	7006885	6987296	6852356	6948846	1.21	cps
Indium	115-2	1460235	1476104	1491670	1476003	1.06	cps
Iron	56-2	2689	2917	3056	2887	6.41	cps
Iron	57-2	106	94	56	85	30.82	cps
Krypton	83-1	300	307	270	292	6.68	cps
Lead	206-1	339	344	394	359	8.52	cps
Lead	207-1	428	339	372	380	11.83	cps
Lead	208-1	1622	1528	1506	1552	3.99	cps
Lithium	6-1	3328719	3333813	3279528	3314020	0.90	cps
Magnesium	24-2	92	42	83	72	37.09	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:07:17	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	17	13	17	20.01	cps
Molybdenum	94-1	250	217	150	206	24.77	cps
Molybdenum	95-1	25	83	33	47	66.82	cps
Molybdenum	96-1	133	117	108	119	10.66	cps
Molybdenum	97-1	17	42	17	25	57.73	cps
Molybdenum	98-1	92	92	75	86	11.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	40	33	41	20.41	cps
Phosphorus	31-2	150	167	167	161	5.97	cps
Potassium	39-2	13315	12731	13440	13162	2.87	cps
Rhodium	103-1	6456288	6419123	6375311	6416907	0.63	cps
Rhodium	103-2	3065691	3072733	3119623	3086016	0.95	cps
Scandium	45-1	4950675	4914229	4863697	4909534	0.89	cps
Scandium	45-2	200477	202480	203867	202275	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	43	31	43	27.89	cps
Selenium	82-1	4	29	14	16	82.07	cps
Silicon	28-1	169871	167746	168177	168598	0.67	cps
Silver	109-1	50	17	42	36	48.03	cps
Silver	107-1	83	92	50	75	29.40	cps
Sodium	23-2	5460	5676	5960	5699	4.40	cps
Strontium	86-1	450	450	508	469	7.17	cps
Strontium	88-1	125	67	83	92	32.78	cps
Sulfur	34-1	275926	271981	274382	274096	0.73	cps
Terbium	159-1	8911991	8891661	8789634	8864429	0.74	cps
Terbium	159-2	4705139	4729308	4771905	4735451	0.71	cps
Thallium	203-1	175	100	58	111	53.21	cps
Thallium	205-1	342	383	433	386	11.89	cps
Thorium	232-1	106	128	94	109	15.53	cps
Tin	118-1	442	558	508	503	11.64	cps
Titanium	47-1	50	25	92	56	60.62	cps
Uranium	238-1	117	50	50	72	53.30	cps
Vanadium	51-2	0	0	10	3	173.21	cps
Yttrium	89-1	7386877	7361852	7250439	7333056	0.99	cps
Yttrium	89-2	1087998	1095881	1112435	1098771	1.14	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:07:17	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210	227	213	217	4.07	cps
Zirconium	90-1	425	408	342	392	11.26	cps
Zirconium	91-1	100	100	117	106	9.12	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1558	1684	1667	1636	4.15	cps
Antimony	121-1	12731	12122	12406	12420	2.45	cps
Arsenic	75-1	1238	1261	1772	1424	21.21	cps
Barium	135-1	16836	16777	17153	16922	1.19	cps
Barium	137-1	29399	29098	28847	29115	0.95	cps
Beryllium	9-1	2378	2678	2400	2485	6.73	cps
Bismuth	209-1	6067763	6012178	6067092	6049011	0.53	cps
Bismuth	209-2	3601309	3649226	3651304	3633946	0.78	cps
Boron	10-1	11054	10704	10721	10827	1.82	cps
Boron	11-1	46673	47609	47659	47314	1.17	cps
Cadmium	111-1	4046	4207	4002	4085	2.64	cps
Cadmium	106-1	3259	3417	3142	3273	4.22	cps
Cadmium	108-1	175	188	146	169	12.62	cps
Calcium	43-1	11880	12281	12181	12114	1.72	cps
Calcium	44-1	196280	195797	194648	195575	0.43	cps
Chromium	52-2	4728	4634	4771	4711	1.48	cps
Cobalt	59-2	3364	3344	3310	3339	0.81	cps
Copper	63-2	4664	4938	4758	4786	2.90	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	75	33	50	53	39.74	cps
Gadolinium	160-2	130	153	140	141	8.30	cps
Holmium	165-1	8825934	8691407	8801457	8772933	0.82	cps
Holmium	165-2	4803875	4838152	4843868	4828631	0.45	cps
Indium	115-1	7082221	6993649	7062603	7046158	0.66	cps
Indium	115-2	1491703	1511128	1505703	1502845	0.67	cps
Iron	56-2	98970	99267	99105	99114	0.15	cps
Iron	57-2	2484	2361	2717	2521	7.17	cps
Krypton	83-1	327	267	327	307	11.30	cps
Lead	206-1	5918	5679	5785	5794	2.07	cps
Lead	207-1	5235	4879	5151	5088	3.66	cps
Lead	208-1	24109	23192	23792	23698	1.97	cps
Lithium	6-1	3349734	3338237	3344947	3344306	0.17	cps
Magnesium	24-2	90691	90180	90867	90579	0.39	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1370	1300	1383	1351	3.31	cps
Molybdenum	94-1	14216	14666	14199	14360	1.84	cps
Molybdenum	95-1	17661	16785	17929	17458	3.43	cps
Molybdenum	96-1	19714	19806	18830	19450	2.77	cps
Molybdenum	97-1	11288	10779	10888	10985	2.44	cps
Molybdenum	98-1	27694	27110	28095	27633	1.79	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	980	960	903	948	4.20	cps
Phosphorus	31-2	442	350	392	394	11.64	cps
Potassium	39-2	91297	92438	91775	91837	0.62	cps
Rhodium	103-1	6583344	6542227	6590216	6571929	0.39	cps
Rhodium	103-2	3125345	3135668	3155021	3138678	0.48	cps
Scandium	45-1	5032401	5013915	5040374	5028896	0.27	cps
Scandium	45-2	206321	208645	206866	207277	0.59	cps
Selenium	77-2	40	47	27	38	26.95	cps
Selenium	78-2	167	161	211	180	15.26	cps
Selenium	82-1	859	879	824	854	3.26	cps
Silicon	28-1	225163	225076	224977	225072	0.04	cps
Silver	109-1	8970	9137	9220	9109	1.40	cps
Silver	107-1	9270	9862	10246	9793	5.02	cps
Sodium	23-2	170507	168140	167720	168789	0.89	cps
Strontium	86-1	2909	2759	2400	2689	9.71	cps
Strontium	88-1	19547	19739	19514	19600	0.62	cps
Sulfur	34-1	278253	277870	279525	278549	0.31	cps
Terbium	159-1	9051010	8998709	8966747	9005489	0.47	cps
Terbium	159-2	4779467	4821762	4788990	4796740	0.46	cps
Thallium	203-1	6235	6394	6677	6435	3.48	cps
Thallium	205-1	17037	16369	16402	16603	2.27	cps
Thorium	232-1	23349	23305	23416	23356	0.24	cps
Tin	118-1	30659	29574	29006	29746	2.82	cps
Titanium	47-1	5418	5535	5510	5487	1.12	cps
Uranium	238-1	22904	22696	22871	22824	0.49	cps
Vanadium	51-2	9093	8516	8483	8697	3.95	cps
Yttrium	89-1	7496789	7455968	7447614	7466791	0.35	cps
Yttrium	89-2	1115623	1125219	1133244	1124695	0.78	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:15:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1083	1077	1173	1111	4.86	cps
Zirconium	90-1	11589	11797	11955	11780	1.56	cps
Zirconium	91-1	2942	2792	2550	2761	7.16	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80961	80324	79664	80316	0.81	cps
Antimony	121-1	335857	332701	331114	333224	0.72	cps
Arsenic	75-1	84745	82278	81358	82793	2.12	cps
Barium	135-1	435616	439685	431885	435729	0.90	cps
Barium	137-1	760275	761293	762917	761495	0.17	cps
Beryllium	9-1	127100	126064	127363	126842	0.54	cps
Bismuth	209-1	6067167	6030563	6047984	6048571	0.30	cps
Bismuth	209-2	3532980	3556456	3595969	3561801	0.89	cps
Boron	10-1	22976	22509	22801	22762	1.04	cps
Boron	11-1	99217	99845	102438	100500	1.70	cps
Cadmium	111-1	107182	106005	104757	105981	1.14	cps
Cadmium	106-1	14842	14074	14675	14530	2.78	cps
Cadmium	108-1	7861	8115	7765	7913	2.29	cps
Calcium	43-1	127276	128210	126134	127207	0.82	cps
Calcium	44-1	2053033	2034271	2025323	2037542	0.69	cps
Chromium	52-2	104268	106303	105159	105243	0.97	cps
Cobalt	59-2	169318	172888	171788	171332	1.07	cps
Copper	63-2	232324	235524	234827	234225	0.72	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	77	133	137	116	29.18	cps
Holmium	165-1	8793666	8746890	8757769	8766108	0.28	cps
Holmium	165-2	4725019	4802982	4810399	4779467	0.99	cps
Indium	115-1	6995655	6891838	6929006	6938833	0.76	cps
Indium	115-2	1429710	1437618	1440749	1436025	0.40	cps
Iron	56-2	4517204	4539569	4553913	4536895	0.41	cps
Iron	57-2	114851	116122	113748	114907	1.03	cps
Krypton	83-1	310	290	297	299	3.41	cps
Lead	206-1	300991	297345	299524	299287	0.61	cps
Lead	207-1	274215	273889	275149	274418	0.24	cps
Lead	208-1	1229972	1221977	1229552	1227167	0.37	cps
Lithium	6-1	3350911	3310133	3313991	3325012	0.68	cps
Magnesium	24-2	956565	956380	948527	953824	0.48	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133600	134642	134766	134336	0.48	cps
Molybdenum	94-1	726908	723058	726050	725339	0.28	cps
Molybdenum	95-1	901223	887944	883559	890908	1.03	cps
Molybdenum	96-1	989089	982142	991046	987426	0.47	cps
Molybdenum	97-1	558005	554187	552128	554774	0.54	cps
Molybdenum	98-1	1423750	1419243	1407753	1416915	0.58	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	43832	44494	44701	44343	1.02	cps
Phosphorus	31-2	4768	4476	4626	4623	3.16	cps
Potassium	39-2	417282	415186	414965	415811	0.31	cps
Rhodium	103-1	6458974	6417544	6380748	6419089	0.61	cps
Rhodium	103-2	2966764	2995136	3011762	2991221	0.76	cps
Scandium	45-1	4994243	4923864	4882270	4933459	1.15	cps
Scandium	45-2	195974	197582	197978	197178	0.54	cps
Selenium	77-2	363	350	470	394	16.67	cps
Selenium	78-2	1285	1291	1228	1268	2.75	cps
Selenium	82-1	8102	8129	8247	8159	0.94	cps
Silicon	28-1	493847	497898	498283	496676	0.49	cps
Silver	109-1	469473	469850	461946	467089	0.95	cps
Silver	107-1	487616	484012	480930	484186	0.69	cps
Sodium	23-2	1700682	1710861	1709907	1707150	0.33	cps
Strontium	86-1	123948	121057	121955	122320	1.21	cps
Strontium	88-1	1060746	1054187	1042909	1052614	0.86	cps
Sulfur	34-1	325483	320868	323234	323195	0.71	cps
Terbium	159-1	9004288	8993465	8980136	8992630	0.13	cps
Terbium	159-2	4668086	4713850	4705244	4695727	0.52	cps
Thallium	203-1	367237	363832	360675	363915	0.90	cps
Thallium	205-1	867161	869640	870015	868939	0.18	cps
Thorium	232-1	1289799	1286866	1279566	1285410	0.41	cps
Tin	118-1	311605	307512	304994	308037	1.08	cps
Titanium	47-1	280423	274112	272251	275595	1.55	cps
Uranium	238-1	1271945	1263076	1267365	1267462	0.35	cps
Vanadium	51-2	84104	83692	84044	83947	0.27	cps
Yttrium	89-1	7447913	7393469	7323419	7388267	0.84	cps
Yttrium	89-2	1060526	1071809	1071711	1068015	0.61	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:19:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	39701	40011	39871	39861	0.39	cps
Zirconium	90-1	611399	611396	602749	608515	0.82	cps
Zirconium	91-1	138809	135207	135074	136363	1.55	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:23:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188068	189686	189553	189102	0.48	cps
Antimony	121-1	821318	815067	804022	813469	1.08	cps
Arsenic	75-1	203505	196391	191677	197191	3.02	cps
Barium	135-1	1070907	1052622	1050254	1057927	1.07	cps
Barium	137-1	1864043	1843333	1832687	1846688	0.86	cps
Beryllium	9-1	299116	298022	293073	296737	1.09	cps
Bismuth	209-1	6015647	6028937	5959502	6001362	0.61	cps
Bismuth	209-2	3490683	3513322	3519514	3507840	0.43	cps
Boron	10-1	54850	53754	53311	53972	1.47	cps
Boron	11-1	238409	239282	233364	237018	1.35	cps
Cadmium	111-1	251316	248788	248109	249404	0.68	cps
Cadmium	106-1	30684	30475	30091	30417	0.99	cps
Cadmium	108-1	18938	18871	18996	18935	0.33	cps
Calcium	43-1	304042	300829	297993	300955	1.01	cps
Calcium	44-1	4903337	4797986	4770367	4823897	1.45	cps
Chromium	52-2	243401	242891	244205	243499	0.27	cps
Cobalt	59-2	391132	392817	392318	392089	0.22	cps
Copper	63-2	534089	536356	534928	535124	0.21	cps
Dysprosium	156-1	33	25	25	28	17.33	cps
Dysprosium	156-2	23	23	27	24	7.89	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	33	67	17	39	65.47	cps
Gadolinium	160-2	117	113	90	107	13.62	cps
Holmium	165-1	8682417	8685592	8696598	8688202	0.09	cps
Holmium	165-2	4683672	4720999	4749291	4717987	0.70	cps
Indium	115-1	6742047	6719247	6648458	6703251	0.73	cps
Indium	115-2	1374367	1373950	1376809	1375042	0.11	cps
Iron	56-2	10443739	10329016	10294611	10355789	0.75	cps
Iron	57-2	268294	265902	264860	266352	0.66	cps
Krypton	83-1	290	263	293	282	5.83	cps
Lead	206-1	743670	739061	740375	741035	0.32	cps
Lead	207-1	682549	679713	684747	682336	0.37	cps
Lead	208-1	3043737	3036268	3036675	3038893	0.14	cps
Lithium	6-1	3239370	3214376	3189890	3214545	0.77	cps
Magnesium	24-2	2244702	2262584	2240050	2249112	0.53	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:23:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314543	314574	310480	313199	0.75	cps
Molybdenum	94-1	1752855	1735787	1707410	1732018	1.33	cps
Molybdenum	95-1	2140102	2128116	2090817	2119678	1.21	cps
Molybdenum	96-1	2369776	2332375	2321010	2341054	1.09	cps
Molybdenum	97-1	1328311	1317543	1294285	1313380	1.32	cps
Molybdenum	98-1	3427470	3385625	3365375	3392823	0.93	cps
Neodymium	150-1	107	180	127	138	27.52	cps
Neodymium	150-2	23	20	3	16	68.90	cps
Nickel	60-2	102472	100719	101283	101491	0.88	cps
Phosphorus	31-2	10354	9745	10346	10148	3.44	cps
Potassium	39-2	953180	954916	940437	949511	0.83	cps
Rhodium	103-1	6160501	6144442	6074001	6126315	0.75	cps
Rhodium	103-2	2817856	2822212	2826862	2822310	0.16	cps
Scandium	45-1	4759111	4671159	4609175	4679815	1.61	cps
Scandium	45-2	186237	188307	186913	187152	0.56	cps
Selenium	77-2	850	910	873	878	3.45	cps
Selenium	78-2	2934	3028	2926	2963	1.92	cps
Selenium	82-1	19789	19954	19704	19816	0.64	cps
Silicon	28-1	932715	929199	926528	929481	0.33	cps
Silver	109-1	1118875	1109290	1108417	1112194	0.52	cps
Silver	107-1	1159562	1132270	1133941	1141925	1.34	cps
Sodium	23-2	4017900	4030981	4014925	4021269	0.21	cps
Strontium	86-1	295613	289506	291287	292135	1.08	cps
Strontium	88-1	2523540	2520003	2483408	2508984	0.89	cps
Sulfur	34-1	372450	367241	363883	367858	1.17	cps
Terbium	159-1	8963130	8907408	8863801	8911446	0.56	cps
Terbium	159-2	4600108	4651532	4611191	4620944	0.59	cps
Thallium	203-1	907390	902871	903874	904711	0.26	cps
Thallium	205-1	2177300	2152075	2166562	2165312	0.58	cps
Thorium	232-1	3226566	3254061	3220574	3233734	0.55	cps
Tin	118-1	753612	748309	742458	748127	0.75	cps
Titanium	47-1	658846	652643	641178	650889	1.38	cps
Uranium	238-1	3197817	3198781	3172257	3189618	0.47	cps
Vanadium	51-2	192478	196033	194335	194282	0.92	cps
Yttrium	89-1	7140659	7138961	7053339	7110986	0.70	cps
Yttrium	89-2	1018461	1020773	1016972	1018735	0.19	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:23:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	91970	92889	93242	92701	0.71	cps
Zirconium	90-1	1465459	1461908	1440235	1455867	0.94	cps
Zirconium	91-1	326503	323742	321859	324035	0.72	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358014	361931	360788	360244	0.56	cps
Antimony	121-1	1560983	1558392	1562262	1560545	0.13	cps
Arsenic	75-1	374433	372861	365042	370779	1.36	cps
Barium	135-1	2020733	2043730	2016721	2027061	0.72	cps
Barium	137-1	3552651	3551551	3548335	3550845	0.06	cps
Beryllium	9-1	552383	556161	552372	553639	0.39	cps
Bismuth	209-1	5879120	5898823	5850299	5876080	0.42	cps
Bismuth	209-2	3403894	3476449	3481074	3453806	1.25	cps
Boron	10-1	100650	105583	101750	102661	2.52	cps
Boron	11-1	439977	444055	452038	445357	1.38	cps
Cadmium	111-1	474290	472954	475157	474134	0.23	cps
Cadmium	106-1	54539	54606	55050	54732	0.51	cps
Cadmium	108-1	36376	35369	36033	35926	1.42	cps
Calcium	43-1	568416	560867	563337	564207	0.68	cps
Calcium	44-1	9053517	9041320	8956309	9017049	0.59	cps
Chromium	52-2	458109	463941	463243	461764	0.69	cps
Cobalt	59-2	733246	738565	739969	737260	0.48	cps
Copper	63-2	1001204	1002938	995934	1000025	0.36	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	30	20	20	23	24.74	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	23	13	30	22	37.76	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	113	163	167	148	20.22	cps
Holmium	165-1	8564605	8593185	8559838	8572543	0.21	cps
Holmium	165-2	4587556	4680150	4675816	4647840	1.12	cps
Indium	115-1	6410654	6391293	6393086	6398345	0.17	cps
Indium	115-2	1310639	1330733	1331198	1324190	0.89	cps
Iron	56-2	19766846	19796465	19768214	19777175	0.08	cps
Iron	57-2	504636	511114	503805	506518	0.79	cps
Krypton	83-1	277	323	313	304	8.07	cps
Lead	206-1	1471544	1475469	1458707	1468573	0.60	cps
Lead	207-1	1342735	1354003	1346646	1347795	0.42	cps
Lead	208-1	6007492	6043312	6000961	6017255	0.38	cps
Lithium	6-1	3048139	3049617	3040728	3046161	0.16	cps
Magnesium	24-2	4312715	4319544	4295086	4309115	0.29	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	591990	598579	597418	595996	0.59	cps
Molybdenum	94-1	3315218	3301213	3297066	3304499	0.29	cps
Molybdenum	95-1	4050829	4040572	4030157	4040519	0.26	cps
Molybdenum	96-1	4476159	4470603	4433242	4460001	0.52	cps
Molybdenum	97-1	2520557	2501444	2508809	2510270	0.38	cps
Molybdenum	98-1	6505883	6443006	6427369	6458753	0.64	cps
Neodymium	150-1	293	247	213	251	16.00	cps
Neodymium	150-2	23	10	43	26	65.65	cps
Nickel	60-2	188856	188343	191236	189478	0.81	cps
Phosphorus	31-2	19664	19789	19672	19708	0.35	cps
Potassium	39-2	1770287	1806434	1804897	1793873	1.14	cps
Rhodium	103-1	5778036	5752153	5778517	5769569	0.26	cps
Rhodium	103-2	2671400	2695022	2707891	2691438	0.69	cps
Scandium	45-1	4392914	4365099	4349487	4369167	0.50	cps
Scandium	45-2	178422	181345	179951	179906	0.81	cps
Selenium	77-2	1817	1473	1623	1638	10.51	cps
Selenium	78-2	5709	5551	5629	5630	1.40	cps
Selenium	82-1	37104	37299	37225	37209	0.27	cps
Silicon	28-1	1578364	1591957	1590820	1587047	0.48	cps
Silver	109-1	2078204	2075155	2073822	2075727	0.11	cps
Silver	107-1	2161063	2164402	2144106	2156524	0.50	cps
Sodium	23-2	7636158	7668751	7661454	7655454	0.22	cps
Strontium	86-1	557789	553477	555160	555475	0.39	cps
Strontium	88-1	4778357	4797045	4725451	4766951	0.78	cps
Sulfur	34-1	451075	439671	440074	443606	1.46	cps
Terbium	159-1	8755151	8779304	8738988	8757815	0.23	cps
Terbium	159-2	4480610	4575912	4567294	4541272	1.16	cps
Thallium	203-1	1779976	1786185	1783999	1783387	0.18	cps
Thallium	205-1	4243577	4244560	4258350	4248829	0.19	cps
Thorium	232-1	6551440	6568007	6579054	6566167	0.21	cps
Tin	118-1	1425947	1419829	1442886	1429554	0.84	cps
Titanium	47-1	1221864	1221285	1213124	1218758	0.40	cps
Uranium	238-1	6453398	6512684	6512080	6492721	0.52	cps
Vanadium	51-2	367612	372157	370812	370193	0.63	cps
Yttrium	89-1	6775795	6791354	6716390	6761179	0.59	cps
Yttrium	89-2	971584	985114	986106	980935	0.83	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:26:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	172012	175626	174719	174119	1.08	cps
Zirconium	90-1	2768377	2760124	2757624	2762042	0.20	cps
Zirconium	91-1	620522	620889	617522	619644	0.30	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708477	701917	707160	705851	0.49	cps
Antimony	121-1	3037847	3043764	3038040	3039884	0.11	cps
Arsenic	75-1	710553	707204	703904	707220	0.47	cps
Barium	135-1	3990664	3992435	3959355	3980818	0.47	cps
Barium	137-1	7023041	7090988	7089605	7067878	0.55	cps
Beryllium	9-1	1063188	1065500	1067994	1065561	0.23	cps
Bismuth	209-1	5778423	5845740	5870171	5831445	0.81	cps
Bismuth	209-2	3344689	3383902	3391641	3373411	0.75	cps
Boron	10-1	200183	197955	199357	199165	0.57	cps
Boron	11-1	860118	870204	872883	867735	0.78	cps
Cadmium	111-1	913320	914020	909982	912441	0.24	cps
Cadmium	106-1	104366	101891	104315	103524	1.37	cps
Cadmium	108-1	70466	69314	69457	69746	0.90	cps
Calcium	43-1	1089360	1086878	1094052	1090097	0.33	cps
Calcium	44-1	17552270	17479078	17569121	17533489	0.27	cps
Chromium	52-2	893861	894451	898202	895505	0.26	cps
Cobalt	59-2	1406176	1407842	1418702	1410907	0.48	cps
Copper	63-2	1884042	1889821	1911721	1895195	0.77	cps
Dysprosium	156-1	92	142	100	111	24.11	cps
Dysprosium	156-2	73	63	57	64	13.01	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	67	83	25	58	51.51	cps
Gadolinium	160-2	133	130	133	132	1.46	cps
Holmium	165-1	8564374	8638798	8655920	8619697	0.56	cps
Holmium	165-2	4634112	4617879	4659597	4637196	0.45	cps
Indium	115-1	6248967	6298925	6319204	6289032	0.57	cps
Indium	115-2	1273634	1280356	1293027	1282339	0.77	cps
Iron	56-2	38553705	38194959	38298420	38349028	0.48	cps
Iron	57-2	979899	971685	983814	978466	0.63	cps
Krypton	83-1	240	223	247	237	5.08	cps
Lead	206-1	2862384	2872275	2866908	2867189	0.17	cps
Lead	207-1	2644968	2654911	2656479	2652119	0.24	cps
Lead	208-1	11887139	11956530	11971984	11938551	0.38	cps
Lithium	6-1	2994073	2976204	3000913	2990396	0.43	cps
Magnesium	24-2	8474491	8387387	8441248	8434375	0.52	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1165743	1158029	1158713	1160828	0.37	cps
Molybdenum	94-1	6565099	6521026	6506789	6530971	0.47	cps
Molybdenum	95-1	7984361	7948063	8002602	7978342	0.35	cps
Molybdenum	96-1	8828853	8792843	8831615	8817771	0.25	cps
Molybdenum	97-1	4835992	4842196	4844325	4840838	0.09	cps
Molybdenum	98-1	12643346	12626651	12667559	12645852	0.16	cps
Neodymium	150-1	480	500	427	469	8.08	cps
Neodymium	150-2	33	83	60	59	42.49	cps
Nickel	60-2	360757	362165	364290	362404	0.49	cps
Phosphorus	31-2	38342	37365	37932	37880	1.30	cps
Potassium	39-2	3466356	3454373	3479318	3466682	0.36	cps
Rhodium	103-1	5555662	5570299	5596388	5574116	0.37	cps
Rhodium	103-2	2608023	2618069	2633039	2619710	0.48	cps
Scandium	45-1	4276031	4253362	4243755	4257716	0.39	cps
Scandium	45-2	177186	176015	176426	176542	0.34	cps
Selenium	77-2	3097	3087	3207	3130	2.13	cps
Selenium	78-2	10689	10856	10547	10697	1.45	cps
Selenium	82-1	71206	71171	71758	71378	0.46	cps
Silicon	28-1	2946451	2950024	2980663	2959046	0.64	cps
Silver	109-1	3997451	3962166	3959167	3972928	0.54	cps
Silver	107-1	4111042	4096426	4098757	4102075	0.19	cps
Sodium	23-2	15088184	14892798	15042344	15007775	0.68	cps
Strontium	86-1	1086546	1083973	1082469	1084329	0.19	cps
Strontium	88-1	9423166	9390574	9459562	9424434	0.37	cps
Sulfur	34-1	640298	634224	639067	637863	0.50	cps
Terbium	159-1	8739503	8804638	8807867	8784003	0.44	cps
Terbium	159-2	4484156	4540725	4564384	4529755	0.91	cps
Thallium	203-1	3509662	3552416	3545918	3535999	0.65	cps
Thallium	205-1	8464567	8535666	8540951	8513728	0.50	cps
Thorium	232-1	13268303	13343677	13399585	13337188	0.49	cps
Tin	118-1	2775052	2801854	2765715	2780874	0.67	cps
Titanium	47-1	2372383	2351170	2366010	2363188	0.46	cps
Uranium	238-1	12987373	13163731	13258465	13136523	1.05	cps
Vanadium	51-2	715467	723445	723206	720706	0.63	cps
Yttrium	89-1	6671037	6662668	6732982	6688896	0.57	cps
Yttrium	89-2	960694	955810	969645	962049	0.73	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:30:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	326142	328960	331070	328724	0.75	cps
Zirconium	90-1	5513802	5508202	5503273	5508426	0.10	cps
Zirconium	91-1	1213163	1219220	1214030	1215471	0.27	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:34:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1403660	1416278	1417269	1412402	0.54	cps
Antimony	121-1	6107341	6147137	6172421	6142300	0.53	cps
Arsenic	75-1	1388973	1391728	1383548	1388083	0.30	cps
Barium	135-1	8061709	8099941	8073714	8078455	0.24	cps
Barium	137-1	14271218	14307407	14261222	14279949	0.17	cps
Beryllium	9-1	2074113	2087342	2096399	2085951	0.54	cps
Bismuth	209-1	5773315	5878537	5823200	5825017	0.90	cps
Bismuth	209-2	3278302	3346699	3419103	3348035	2.10	cps
Boron	10-1	390207	396256	404554	397006	1.81	cps
Boron	11-1	1724420	1735027	1766580	1742009	1.26	cps
Cadmium	111-1	1949415	1951821	1952310	1951182	0.08	cps
Cadmium	106-1	216437	218450	217239	217376	0.47	cps
Cadmium	108-1	148489	147070	147205	147588	0.53	cps
Calcium	43-1	2183544	2185704	2191177	2186808	0.18	cps
Calcium	44-1	35222083	35428977	35438157	35363072	0.35	cps
Chromium	52-2	1779018	1805399	1793007	1792475	0.74	cps
Cobalt	59-2	2779160	2813879	2800487	2797842	0.63	cps
Copper	63-2	3735392	3817887	3795924	3783068	1.13	cps
Dysprosium	156-1	125	158	192	158	21.05	cps
Dysprosium	156-2	110	113	143	122	15.02	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	133	67	100	100	33.33	cps
Gadolinium	160-2	110	147	160	139	18.64	cps
Holmium	165-1	8733363	8952046	8810050	8831820	1.26	cps
Holmium	165-2	4619930	4759259	4815998	4731729	2.13	cps
Indium	115-1	6196850	6325309	6289652	6270603	1.06	cps
Indium	115-2	1253402	1261964	1292605	1269324	1.62	cps
Iron	56-2	76449710	76993599	76690343	76711217	0.36	cps
Iron	57-2	1944817	1972055	1959171	1958681	0.70	cps
Krypton	83-1	210	243	303	252	18.75	cps
Lead	206-1	5804938	5861642	5852196	5839592	0.52	cps
Lead	207-1	5197490	5175169	5168974	5180544	0.29	cps
Lead	208-1	23919209	23967450	23954446	23947035	0.10	cps
Lithium	6-1	2947753	3001285	2990462	2979833	0.95	cps
Magnesium	24-2	16824308	16955349	16910118	16896592	0.39	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:34:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2290944	2321937	2322083	2311655	0.78	cps
Molybdenum	94-1	13222087	13189939	13223329	13211785	0.14	cps
Molybdenum	95-1	16097875	16141718	16109507	16116367	0.14	cps
Molybdenum	96-1	17823435	17890095	17848832	17854121	0.19	cps
Molybdenum	97-1	10015651	10073315	10053746	10047571	0.29	cps
Molybdenum	98-1	25578303	25702119	25650870	25643764	0.24	cps
Neodymium	150-1	873	867	733	825	9.58	cps
Neodymium	150-2	113	70	73	86	28.19	cps
Nickel	60-2	705241	718614	716077	713311	1.00	cps
Phosphorus	31-2	75273	76621	76999	76298	1.19	cps
Potassium	39-2	6941498	6944111	6911313	6932307	0.26	cps
Rhodium	103-1	5407352	5569741	5466463	5481185	1.50	cps
Rhodium	103-2	2548159	2582069	2625304	2585178	1.50	cps
Scandium	45-1	4235637	4332980	4268841	4279153	1.16	cps
Scandium	45-2	175592	177318	180220	177710	1.32	cps
Selenium	77-2	5958	6291	6161	6137	2.74	cps
Selenium	78-2	20643	21052	20824	20840	0.99	cps
Selenium	82-1	138495	138495	139812	138934	0.55	cps
Silicon	28-1	5077251	5121507	5187266	5128675	1.08	cps
Silver	109-1	8280114	8331047	8330915	8314025	0.35	cps
Silver	107-1	8595036	8687917	8644650	8642534	0.54	cps
Sodium	23-2	30169103	30087259	30317878	30191413	0.39	cps
Strontium	86-1	2167428	2188479	2167236	2174381	0.56	cps
Strontium	88-1	19092623	19128719	19206097	19142480	0.30	cps
Sulfur	34-1	1056170	1055138	1058955	1056754	0.19	cps
Terbium	159-1	8823379	9084480	8959057	8955638	1.46	cps
Terbium	159-2	4518323	4653131	4679159	4616871	1.87	cps
Thallium	203-1	7250938	7283399	7298517	7277618	0.33	cps
Thallium	205-1	17051196	17270316	17093468	17138327	0.68	cps
Thorium	232-1	27079893	27429769	27683821	27397828	1.11	cps
Tin	118-1	5688417	5714863	5764639	5722640	0.68	cps
Titanium	47-1	4774745	4772934	4799308	4782329	0.31	cps
Uranium	238-1	26834636	26915917	27155622	26968725	0.62	cps
Vanadium	51-2	1435427	1453160	1448774	1445787	0.64	cps
Yttrium	89-1	6629288	6817477	6770990	6739252	1.45	cps
Yttrium	89-2	958475	974809	989533	974272	1.59	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:34:30	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	675631	686869	685853	682785	0.91	cps
Zirconium	90-1	11175538	11157825	11136141	11156501	0.18	cps
Zirconium	91-1	2446986	2439502	2453980	2446823	0.30	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:38:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7302691	7327091	7385528	7338437	0.58	cps
Antimony	121-1	7502	7194	6860	7186	4.47	cps
Arsenic	75-1	1704	1221	1762	1562	19.00	cps
Barium	135-1	1659	1458	1600	1572	6.54	cps
Barium	137-1	2600	2917	2867	2795	6.09	cps
Beryllium	9-1	350	428	406	394	10.16	cps
Bismuth	209-1	4988668	4941128	4929372	4953056	0.63	cps
Bismuth	209-2	2819308	2815075	2864890	2833091	0.97	cps
Boron	10-1	9737	8753	8044	8845	9.61	cps
Boron	11-1	41374	39118	36027	38840	6.91	cps
Cadmium	111-1	2282	2397	2187	2289	4.58	cps
Cadmium	106-1	2892	3017	2684	2864	5.88	cps
Cadmium	108-1	67	46	71	61	21.92	cps
Calcium	43-1	11577788	11529281	11600346	11569138	0.31	cps
Calcium	44-1	185206825	185589662	186152408	185649632	0.26	cps
Chromium	52-2	27746	27740	27913	27800	0.35	cps
Cobalt	59-2	33635	34190	34400	34075	1.16	cps
Copper	63-2	5398	5448	5578	5474	1.70	cps
Dysprosium	156-1	100	75	50	75	33.33	cps
Dysprosium	156-2	43	30	40	38	18.36	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	30	10	27	22	48.22	cps
Gadolinium	160-1	83	108	117	103	16.88	cps
Gadolinium	160-2	143	140	107	130	15.60	cps
Holmium	165-1	8493946	8365235	8546898	8468693	1.10	cps
Holmium	165-2	4448311	4462441	4499123	4469959	0.59	cps
Indium	115-1	6051139	5963190	6008433	6007587	0.73	cps
Indium	115-2	1221935	1227433	1238999	1229456	0.71	cps
Iron	56-2	378564208	377893853	381302464	379253508	0.48	cps
Iron	57-2	9564152	9641112	9690014	9631759	0.66	cps
Krypton	83-1	290	350	337	326	9.68	cps
Lead	206-1	6252	6452	6780	6494	4.10	cps
Lead	207-1	5651	5579	5646	5625	0.71	cps
Lead	208-1	26294	26155	26044	26165	0.48	cps
Lithium	6-1	2978612	2979210	2995332	2984385	0.32	cps
Magnesium	24-2	80228433	80505577	81110785	80614932	0.56	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:38:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13370	13463	13626	13486	0.96	cps
Molybdenum	94-1	10988	10613	9879	10493	5.38	cps
Molybdenum	95-1	15526	14124	14383	14677	5.08	cps
Molybdenum	96-1	22994	22393	21509	22299	3.35	cps
Molybdenum	97-1	8661	8995	8294	8650	4.05	cps
Molybdenum	98-1	22594	22577	21751	22307	2.16	cps
Neodymium	150-1	120	147	140	136	10.24	cps
Neodymium	150-2	73	47	27	49	47.88	cps
Nickel	60-2	13243	13356	13800	13466	2.19	cps
Phosphorus	31-2	125	75	142	114	30.46	cps
Potassium	39-2	35819531	36113889	36364782	36099401	0.76	cps
Rhodium	103-1	4998655	4937372	4933432	4956486	0.74	cps
Rhodium	103-2	2345033	2339306	2371515	2351951	0.73	cps
Scandium	45-1	4373915	4314337	4332873	4340375	0.70	cps
Scandium	45-2	178008	179425	181439	179624	0.96	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	46	37	44	43	11.50	cps
Selenium	82-1	162	91	94	116	34.69	cps
Silicon	28-1	783159	808793	814210	802054	2.07	cps
Silver	109-1	917	958	1008	961	4.78	cps
Silver	107-1	817	1142	958	972	16.76	cps
Sodium	23-2	153786783	154736824	155860820	154794809	0.67	cps
Strontium	86-1	10779	10179	10229	10396	3.20	cps
Strontium	88-1	86426	85051	85941	85806	0.81	cps
Sulfur	34-1	228170	232908	237581	232886	2.02	cps
Terbium	159-1	8662094	8614197	8696414	8657568	0.48	cps
Terbium	159-2	4351099	4327248	4386935	4355094	0.69	cps
Thallium	203-1	1675	1575	1609	1620	3.14	cps
Thallium	205-1	3942	3767	3584	3765	4.76	cps
Thorium	232-1	5551	5240	5129	5307	4.13	cps
Tin	118-1	5318	5110	5485	5304	3.54	cps
Titanium	47-1	1750	1900	2075	1909	8.52	cps
Uranium	238-1	3292	3176	3184	3217	2.02	cps
Vanadium	51-2	490	383	437	437	12.21	cps
Yttrium	89-1	6625959	6610879	6597062	6611300	0.22	cps
Yttrium	89-2	962146	960316	973210	965224	0.72	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:38:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5084	5141	5188	5138	1.01	cps
Zirconium	90-1	5451	5501	5676	5543	2.13	cps
Zirconium	91-1	1217	1242	1308	1256	3.77	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:48:30 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44500	43105	43339	43648	1.71	cps
Antimony	121-1	1278429	1267190	1267908	1271176	0.49	cps
Arsenic	75-1	316538	314064	315761	315454	0.40	cps
Barium	135-1	169396	167910	168754	168687	0.44	cps
Barium	137-1	297146	293799	294717	295221	0.59	cps
Beryllium	9-1	240807	240828	240158	240598	0.16	cps
Bismuth	209-1	6367312	6313817	6237764	6306298	1.03	cps
Bismuth	209-2	3737592	3733777	3718786	3730052	0.27	cps
Boron	10-1	2192	2342	2267	2267	3.31	cps
Boron	11-1	10304	10662	10221	10396	2.26	cps
Cadmium	111-1	199438	198464	195556	197819	1.02	cps
Cadmium	106-1	20232	19189	20290	19904	3.11	cps
Cadmium	108-1	12802	12910	12973	12895	0.67	cps
Calcium	43-1	49016	49509	48982	49169	0.60	cps
Calcium	44-1	794995	782029	783104	786709	0.91	cps
Chromium	52-2	200727	201847	201281	201285	0.28	cps
Cobalt	59-2	330024	330109	330970	330368	0.16	cps
Copper	63-2	229382	227348	229999	228910	0.61	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	27	37	23	29	24.03	cps
Gadolinium	160-1	33	0	50	28	91.65	cps
Gadolinium	160-2	133	140	120	131	7.77	cps
Holmium	165-1	8972907	8940136	8821998	8911681	0.89	cps
Holmium	165-2	4948106	4900913	4935461	4928160	0.50	cps
Indium	115-1	7047566	7045935	6909183	7000895	1.13	cps
Indium	115-2	1485575	1482317	1483400	1483764	0.11	cps
Iron	56-2	1788445	1814900	1813312	1805552	0.82	cps
Iron	57-2	45967	45889	45437	45764	0.62	cps
Krypton	83-1	320	330	297	316	5.42	cps
Lead	206-1	1230213	1214635	1205067	1216638	1.04	cps
Lead	207-1	1082134	1075571	1060148	1072618	1.05	cps
Lead	208-1	4929725	4875296	4851156	4885392	0.82	cps
Lithium	6-1	3422209	3419891	3339289	3393796	1.39	cps
Magnesium	24-2	220692	219817	222562	221023	0.63	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:48:30	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127941	127953	130072	128655	0.95	cps
Molybdenum	94-1	367	450	442	419	10.94	cps
Molybdenum	95-1	333	375	250	319	19.92	cps
Molybdenum	96-1	567	450	433	483	15.03	cps
Molybdenum	97-1	200	175	192	189	6.74	cps
Molybdenum	98-1	542	508	433	494	11.22	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	85823	86295	85896	86005	0.30	cps
Phosphorus	31-2	100	158	167	142	25.64	cps
Potassium	39-2	323849	331198	333856	329635	1.57	cps
Rhodium	103-1	6446642	6425215	6302485	6391448	1.22	cps
Rhodium	103-2	3078596	3081150	3086786	3082177	0.14	cps
Scandium	45-1	4889328	4882276	4800031	4857212	1.02	cps
Scandium	45-2	203761	202976	204581	203773	0.39	cps
Selenium	77-2	1457	1630	1367	1485	9.02	cps
Selenium	78-2	5008	4971	4932	4971	0.76	cps
Selenium	82-1	32251	32282	32174	32236	0.17	cps
Silicon	28-1	169870	170190	170257	170106	0.12	cps
Silver	109-1	893065	892414	886826	890768	0.39	cps
Silver	107-1	921128	909523	910670	913774	0.70	cps
Sodium	23-2	690317	688839	694509	691222	0.43	cps
Strontium	86-1	6318	5860	5660	5946	5.68	cps
Strontium	88-1	46268	47772	46468	46836	1.74	cps
Sulfur	34-1	252264	252438	253580	252761	0.28	cps
Terbium	159-1	9272272	9183585	9103273	9186377	0.92	cps
Terbium	159-2	4862006	4855598	4866637	4861414	0.11	cps
Thallium	203-1	1503358	1491602	1486646	1493869	0.57	cps
Thallium	205-1	3569801	3558907	3541781	3556830	0.40	cps
Thorium	232-1	622	622	694	646	6.45	cps
Tin	118-1	875	733	817	808	8.81	cps
Titanium	47-1	225	142	133	167	30.41	cps
Uranium	238-1	883	850	917	883	3.77	cps
Vanadium	51-2	159538	161782	163484	161601	1.22	cps
Yttrium	89-1	7354688	7384322	7279573	7339528	0.74	cps
Yttrium	89-2	1099710	1102773	1103514	1101999	0.18	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:48:30	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77823	79130	77870	78274	0.95	cps
Zirconium	90-1	550	583	617	583	5.71	cps
Zirconium	91-1	267	292	375	311	18.23	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:52:05 DataFile Name : 014LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	1467	1575	1608	10.01	cps
Antimony	121-1	13991	13182	13540	13571	2.99	cps
Arsenic	75-1	1249	1340	1124	1237	8.77	cps
Barium	135-1	16519	17061	16944	16841	1.69	cps
Barium	137-1	29849	29599	28831	29426	1.80	cps
Beryllium	9-1	2550	2472	2295	2439	5.37	cps
Bismuth	209-1	6390691	6361795	6367102	6373196	0.24	cps
Bismuth	209-2	3656586	3728311	3686313	3690403	0.98	cps
Boron	10-1	12514	12756	12355	12542	1.61	cps
Boron	11-1	53111	53102	54608	53607	1.62	cps
Cadmium	111-1	4356	4192	4173	4240	2.38	cps
Cadmium	106-1	3492	3417	3442	3451	1.11	cps
Cadmium	108-1	163	179	154	165	7.70	cps
Calcium	43-1	12089	12239	12606	12311	2.16	cps
Calcium	44-1	197044	193965	194202	195070	0.88	cps
Chromium	52-2	4457	4537	4554	4516	1.14	cps
Cobalt	59-2	3320	3160	3400	3294	3.71	cps
Copper	63-2	4708	4397	4551	4552	3.41	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	170	117	110	132	24.87	cps
Holmium	165-1	9037889	9028982	9003661	9023511	0.20	cps
Holmium	165-2	4867805	4898782	4903859	4890148	0.40	cps
Indium	115-1	7118843	7069700	7080744	7089762	0.36	cps
Indium	115-2	1465945	1487282	1475571	1476266	0.72	cps
Iron	56-2	97634	98059	97405	97699	0.34	cps
Iron	57-2	2356	2595	2484	2478	4.83	cps
Krypton	83-1	340	307	277	308	10.29	cps
Lead	206-1	6368	6468	6552	6463	1.42	cps
Lead	207-1	5701	5279	5685	5555	4.31	cps
Lead	208-1	25933	25327	25966	25742	1.40	cps
Lithium	6-1	3438650	3400846	3425557	3421684	0.56	cps
Magnesium	24-2	90649	91772	90841	91087	0.66	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:52:05	DataFile Name :	014LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1407	1350	1403	1387	2.29	cps
Molybdenum	94-1	14174	13924	14358	14152	1.54	cps
Molybdenum	95-1	17336	17419	17269	17342	0.43	cps
Molybdenum	96-1	20098	18805	19364	19422	3.34	cps
Molybdenum	97-1	10588	10346	10454	10463	1.16	cps
Molybdenum	98-1	28521	28229	27828	28193	1.23	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	953	933	940	942	1.08	cps
Phosphorus	31-2	467	375	250	364	29.89	cps
Potassium	39-2	90961	89913	92145	91007	1.23	cps
Rhodium	103-1	6498120	6502398	6511129	6503882	0.10	cps
Rhodium	103-2	3064309	3096388	3090227	3083641	0.55	cps
Scandium	45-1	4973270	4945249	4963334	4960618	0.29	cps
Scandium	45-2	203412	207185	204741	205113	0.93	cps
Selenium	77-2	37	43	60	47	25.75	cps
Selenium	78-2	191	174	181	182	4.58	cps
Selenium	82-1	728	786	912	809	11.65	cps
Silicon	28-1	213992	212479	211295	212589	0.64	cps
Silver	109-1	9462	9437	9303	9401	0.91	cps
Silver	107-1	9304	9862	10004	9723	3.81	cps
Sodium	23-2	175843	177252	178482	177192	0.75	cps
Strontium	86-1	2625	2642	2559	2609	1.69	cps
Strontium	88-1	19723	19906	19823	19817	0.46	cps
Sulfur	34-1	254444	253479	256292	254738	0.56	cps
Terbium	159-1	9295780	9250833	9292618	9279744	0.27	cps
Terbium	159-2	4776138	4846136	4827805	4816693	0.75	cps
Thallium	203-1	7669	7903	7461	7678	2.88	cps
Thallium	205-1	18597	18489	18422	18502	0.48	cps
Thorium	232-1	25019	25436	25537	25331	1.08	cps
Tin	118-1	30116	30376	30851	30448	1.22	cps
Titanium	47-1	5293	5660	5335	5429	3.70	cps
Uranium	238-1	24724	24700	25075	24833	0.84	cps
Vanadium	51-2	8189	8573	8386	8383	2.29	cps
Yttrium	89-1	7476235	7444361	7439242	7453279	0.27	cps
Yttrium	89-2	1094394	1104282	1101884	1100187	0.47	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:52:05	DataFile Name :	014LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1287	1223	1230	1247	2.79	cps
Zirconium	90-1	11547	11555	12030	11711	2.36	cps
Zirconium	91-1	2709	2584	2484	2592	4.35	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:55:39 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	200	258	292	250	18.56	cps
Arsenic	75-1	-278	-436	-234	-316	-33.64	cps
Barium	135-1	67	42	17	42	60.00	cps
Barium	137-1	25	67	33	42	52.92	cps
Beryllium	9-1	83	117	106	102	16.66	cps
Bismuth	209-1	6348651	6352691	6276961	6326101	0.67	cps
Bismuth	209-2	3605148	3640754	3680405	3642102	1.03	cps
Boron	10-1	1550	1759	1583	1631	6.86	cps
Boron	11-1	7694	7444	7711	7616	1.96	cps
Cadmium	111-1	2310	2030	2096	2145	6.83	cps
Cadmium	106-1	3267	2850	2925	3014	7.37	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	192	133	150	158	18.98	cps
Calcium	44-1	4209	4393	4084	4229	3.67	cps
Chromium	52-2	517	550	553	540	3.76	cps
Cobalt	59-2	23	40	43	36	30.14	cps
Copper	63-2	150	150	150	150	0.00	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	67	8	67	47	71.33	cps
Gadolinium	160-2	123	137	150	137	9.75	cps
Holmium	165-1	8995588	9011597	8923213	8976800	0.52	cps
Holmium	165-2	4816040	4840759	4899666	4852155	0.89	cps
Indium	115-1	7089409	7139024	7113188	7113874	0.35	cps
Indium	115-2	1463190	1466729	1483121	1471014	0.72	cps
Iron	56-2	3484	3184	3456	3375	4.91	cps
Iron	57-2	61	117	83	87	32.13	cps
Krypton	83-1	330	280	307	306	8.19	cps
Lead	206-1	544	511	494	517	4.93	cps
Lead	207-1	378	478	478	444	12.99	cps
Lead	208-1	2050	2289	1983	2108	7.62	cps
Lithium	6-1	3435749	3406810	3392081	3411547	0.65	cps
Magnesium	24-2	250	292	342	294	15.59	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:55:39 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	33	33	38	20.39	cps
Molybdenum	94-1	317	267	183	256	26.36	cps
Molybdenum	95-1	142	100	133	125	17.64	cps
Molybdenum	96-1	242	208	158	203	20.69	cps
Molybdenum	97-1	75	83	25	61	51.63	cps
Molybdenum	98-1	242	217	167	208	18.33	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	47	27	40	28.87	cps
Phosphorus	31-2	192	233	142	189	24.30	cps
Potassium	39-2	12923	12898	12906	12909	0.10	cps
Rhodium	103-1	6542110	6514032	6492948	6516363	0.38	cps
Rhodium	103-2	3045677	3075490	3084848	3068672	0.67	cps
Scandium	45-1	4978055	4999161	4956420	4977879	0.43	cps
Scandium	45-2	204392	202693	204771	203952	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	43	28	36	20.90	cps
Selenium	82-1	-29	21	24	6	536.19	cps
Silicon	28-1	160754	159796	160602	160384	0.32	cps
Silver	109-1	92	67	92	83	17.32	cps
Silver	107-1	142	100	117	119	17.55	cps
Sodium	23-2	10079	10304	9895	10093	2.03	cps
Strontium	86-1	458	683	425	522	26.91	cps
Strontium	88-1	117	117	108	114	4.22	cps
Sulfur	34-1	262098	259912	261032	261014	0.42	cps
Terbium	159-1	9228599	9192605	9286306	9235837	0.51	cps
Terbium	159-2	4735693	4756771	4792477	4761647	0.60	cps
Thallium	203-1	367	383	317	356	9.76	cps
Thallium	205-1	833	925	1008	922	9.49	cps
Thorium	232-1	433	356	400	396	9.85	cps
Tin	118-1	775	592	583	650	16.67	cps
Titanium	47-1	75	58	50	61	20.83	cps
Uranium	238-1	67	108	42	72	46.63	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	7486076	7525493	7504316	7505295	0.26	cps
Yttrium	89-2	1091354	1097054	1106402	1098270	0.69	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:55:39	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	560	493	503	519	6.93	cps
Zirconium	90-1	567	442	467	492	13.45	cps
Zirconium	91-1	83	100	117	100	16.66	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 14:59:14 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6620584	6608188	6650669	6626481	0.33	cps
Antimony	121-1	7144	6819	6669	6877	3.53	cps
Arsenic	75-1	2624	2398	2141	2388	10.12	cps
Barium	135-1	2509	2334	2425	2423	3.61	cps
Barium	137-1	4117	4092	4326	4179	3.07	cps
Beryllium	9-1	717	461	739	639	24.16	cps
Bismuth	209-1	5641005	5693845	5768712	5701187	1.13	cps
Bismuth	209-2	3271953	3267864	3328124	3289314	1.02	cps
Boron	10-1	1550	1458	1325	1445	7.83	cps
Boron	11-1	6293	6335	6510	6379	1.80	cps
Cadmium	111-1	2938	2549	2662	2716	7.38	cps
Cadmium	106-1	2784	2400	2767	2650	8.18	cps
Cadmium	108-1	1688	1742	1738	1722	1.75	cps
Calcium	43-1	2225838	2198201	2209594	2211211	0.63	cps
Calcium	44-1	35757085	35736603	36102255	35865314	0.57	cps
Chromium	52-2	36191	36635	36703	36510	0.76	cps
Cobalt	59-2	3514	3704	3497	3572	3.22	cps
Copper	63-2	15091	14961	15255	15102	0.97	cps
Dysprosium	156-1	58	33	33	42	34.65	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	27	43	17	29	46.62	cps
Gadolinium	160-1	75	58	42	58	28.57	cps
Gadolinium	160-2	127	120	130	126	4.06	cps
Holmium	165-1	8735066	8830740	8940351	8835386	1.16	cps
Holmium	165-2	4741420	4740364	4807511	4763098	0.81	cps
Indium	115-1	6417110	6420734	6495089	6444311	0.68	cps
Indium	115-2	1327011	1333341	1352747	1337700	1.00	cps
Iron	56-2	155590537	156169470	156848554	156202853	0.40	cps
Iron	57-2	3914495	3942674	3982556	3946575	0.87	cps
Krypton	83-1	317	300	293	303	3.96	cps
Lead	206-1	29066	28782	28464	28770	1.05	cps
Lead	207-1	24061	23132	22620	23271	3.14	cps
Lead	208-1	111896	108624	108893	109804	1.65	cps
Lithium	6-1	3065346	3064266	3094640	3074751	0.56	cps
Magnesium	24-2	16144283	16164481	16123173	16143979	0.13	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:59:14	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9667	9513	9390	9523	1.46	cps
Molybdenum	94-1	3544502	3551120	3561986	3552536	0.25	cps
Molybdenum	95-1	6343894	6391593	6390266	6375251	0.43	cps
Molybdenum	96-1	6720526	6767726	6775289	6754514	0.44	cps
Molybdenum	97-1	3858692	3841171	3850468	3850110	0.23	cps
Molybdenum	98-1	10083815	10173342	10137404	10131521	0.44	cps
Neodymium	150-1	33	53	20	36	47.20	cps
Neodymium	150-2	27	23	20	23	14.29	cps
Nickel	60-2	3971	3947	3831	3916	1.92	cps
Phosphorus	31-2	371653	377779	383411	377614	1.56	cps
Potassium	39-2	14071324	14240544	14413877	14241915	1.20	cps
Rhodium	103-1	5621533	5642280	5656939	5640251	0.32	cps
Rhodium	103-2	2632010	2646848	2681393	2653417	0.95	cps
Scandium	45-1	4459843	4468880	4543100	4490607	1.02	cps
Scandium	45-2	182127	185046	186335	184503	1.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	31	44	40	18.65	cps
Selenium	82-1	17	17	34	23	43.11	cps
Silicon	28-1	257677	260709	259988	259458	0.61	cps
Silver	109-1	542	550	442	511	11.80	cps
Silver	107-1	525	500	592	539	8.79	cps
Sodium	23-2	30374523	30205545	30512964	30364344	0.51	cps
Strontium	86-1	74685	74342	76110	75046	1.25	cps
Strontium	88-1	653149	653229	654308	653562	0.10	cps
Sulfur	34-1	4435455	4020327	4077070	4177617	5.39	cps
Terbium	159-1	8911799	8999881	9056307	8989329	0.81	cps
Terbium	159-2	4630022	4633403	4667241	4643555	0.44	cps
Thallium	203-1	900	875	1167	981	16.49	cps
Thallium	205-1	2342	2759	2909	2670	11.00	cps
Thorium	232-1	517	472	456	482	6.56	cps
Tin	118-1	1809	1667	1617	1697	5.86	cps
Titanium	47-1	1947791	1959554	1955608	1954317	0.31	cps
Uranium	238-1	450	625	517	531	16.65	cps
Vanadium	51-2	263	263	247	258	3.73	cps
Yttrium	89-1	6920136	6933974	7038163	6964091	0.93	cps
Yttrium	89-2	1011088	1011383	1029618	1017363	1.04	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 14:59:14	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4397	4264	4521	4394	2.92	cps
Zirconium	90-1	600	658	675	644	6.11	cps
Zirconium	91-1	175	125	150	150	16.67	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6662756	6616334	6694946	6658012	0.59	cps
Antimony	121-1	126827	129214	126356	127465	1.20	cps
Arsenic	75-1	30357	29327	30389	30024	2.01	cps
Barium	135-1	35153	35429	35221	35268	0.41	cps
Barium	137-1	60123	62390	61228	61247	1.85	cps
Beryllium	9-1	43123	43089	42237	42816	1.17	cps
Bismuth	209-1	5679905	5773657	5798117	5750560	1.09	cps
Bismuth	209-2	3088432	3367285	3374838	3276851	4.98	cps
Boron	10-1	28570	29580	29947	29366	2.43	cps
Boron	11-1	124728	127686	129088	127167	1.75	cps
Cadmium	111-1	37406	37909	38279	37865	1.16	cps
Cadmium	106-1	6002	5835	5910	5915	1.41	cps
Cadmium	108-1	4238	4176	4259	4224	1.03	cps
Calcium	43-1	2209708	2226076	2217667	2217817	0.37	cps
Calcium	44-1	36069394	36409994	36304328	36261238	0.48	cps
Chromium	52-2	72799	73637	73784	73406	0.72	cps
Cobalt	59-2	60658	61927	62389	61658	1.45	cps
Copper	63-2	54050	54351	54538	54313	0.45	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	30	7	10	16	81.11	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	33	50	37	40	22.05	cps
Gadolinium	160-1	42	92	50	61	43.83	cps
Gadolinium	160-2	117	127	90	111	17.06	cps
Holmium	165-1	8818461	8990589	8975322	8928124	1.07	cps
Holmium	165-2	4491300	4842939	4884916	4739718	4.56	cps
Indium	115-1	6489169	6548133	6571212	6536171	0.65	cps
Indium	115-2	1253321	1366200	1371749	1330423	5.02	cps
Iron	56-2	157287237	157662254	157594365	157514618	0.13	cps
Iron	57-2	3918545	3940015	3948882	3935814	0.40	cps
Krypton	83-1	250	277	243	257	6.87	cps
Lead	206-1	145789	145104	145222	145372	0.25	cps
Lead	207-1	123070	124045	123619	123578	0.40	cps
Lead	208-1	567653	569173	569720	568849	0.19	cps
Lithium	6-1	3062765	3076823	3095427	3078338	0.53	cps
Magnesium	24-2	16262509	16234417	16291722	16262882	0.18	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32897	32586	32740	32741	0.47	cps
Molybdenum	94-1	3696716	3679624	3685184	3687175	0.24	cps
Molybdenum	95-1	6556653	6642175	6644089	6614306	0.76	cps
Molybdenum	96-1	6979309	7021663	7085182	7028718	0.76	cps
Molybdenum	97-1	4018403	3993208	4028128	4013247	0.45	cps
Molybdenum	98-1	10438204	10512276	10654771	10535084	1.04	cps
Neodymium	150-1	53	40	60	51	19.92	cps
Neodymium	150-2	17	23	23	21	18.21	cps
Nickel	60-2	18362	18145	18475	18327	0.92	cps
Phosphorus	31-2	373840	377346	381950	377712	1.08	cps
Potassium	39-2	14310870	14354641	14364006	14343172	0.20	cps
Rhodium	103-1	5673089	5722083	5709104	5701426	0.45	cps
Rhodium	103-2	2493419	2692489	2725374	2637094	4.76	cps
Scandium	45-1	4496881	4586522	4523789	4535731	1.01	cps
Scandium	45-2	174930	189525	191398	185284	4.87	cps
Selenium	77-2	107	117	130	118	9.94	cps
Selenium	78-2	435	450	424	436	2.98	cps
Selenium	82-1	2823	2880	2858	2854	1.01	cps
Silicon	28-1	597417	599730	604317	600488	0.58	cps
Silver	109-1	152119	152387	154290	152932	0.77	cps
Silver	107-1	159825	157645	159379	158950	0.72	cps
Sodium	23-2	30554011	30597229	30784376	30645205	0.40	cps
Strontium	86-1	75306	76387	77643	76445	1.53	cps
Strontium	88-1	655453	652984	655292	654576	0.21	cps
Sulfur	34-1	4026200	4061079	4098902	4062060	0.90	cps
Terbium	159-1	9016590	9121347	9185270	9107736	0.94	cps
Terbium	159-2	4387597	4752818	4768105	4636173	4.65	cps
Thallium	203-1	143104	142322	142473	142633	0.29	cps
Thallium	205-1	348354	346979	346785	347372	0.25	cps
Thorium	232-1	367	300	439	369	18.85	cps
Tin	118-1	390360	388833	385827	388340	0.59	cps
Titanium	47-1	2035540	2010708	2034082	2026777	0.69	cps
Uranium	238-1	700	425	567	564	24.39	cps
Vanadium	51-2	30178	29807	29483	29823	1.17	cps
Yttrium	89-1	6966313	7046209	7078824	7030449	0.82	cps
Yttrium	89-2	952568	1026754	1043706	1007676	4.81	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:02:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10988	11251	10944	11061	1.50	cps
Zirconium	90-1	767	608	792	722	13.77	cps
Zirconium	91-1	167	125	117	136	19.68	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3977945	4024551	4007131	4003209	0.59	cps
Antimony	121-1	3076996	3081872	3086359	3081742	0.15	cps
Arsenic	75-1	720704	716300	709483	715496	0.79	cps
Barium	135-1	4202856	4146947	4173202	4174335	0.67	cps
Barium	137-1	7468015	7431078	7506529	7468540	0.51	cps
Beryllium	9-1	1157345	1155219	1146206	1152923	0.51	cps
Bismuth	209-1	5685759	5658175	5495537	5613157	1.83	cps
Bismuth	209-2	3145003	3190959	3205697	3180553	1.00	cps
Boron	10-1	217753	222181	224559	221498	1.56	cps
Boron	11-1	949255	966980	978334	964856	1.52	cps
Cadmium	111-1	909374	906995	908969	908446	0.14	cps
Cadmium	106-1	102881	104274	105943	104366	1.47	cps
Cadmium	108-1	71576	70077	70747	70800	1.06	cps
Calcium	43-1	6033706	6009130	6038768	6027202	0.26	cps
Calcium	44-1	96392338	95911071	96452785	96252065	0.31	cps
Chromium	52-2	960633	962077	970224	964311	0.54	cps
Cobalt	59-2	1475252	1480118	1481332	1478901	0.22	cps
Copper	63-2	1909240	1915373	1926301	1916971	0.45	cps
Dysprosium	156-1	92	58	142	97	43.14	cps
Dysprosium	156-2	67	117	93	92	27.13	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Gadolinium	160-2	113	143	167	141	18.94	cps
Holmium	165-1	9113824	9170315	9194616	9159585	0.45	cps
Holmium	165-2	4740109	4812858	4801060	4784676	0.82	cps
Indium	115-1	6531931	6553902	6533845	6539893	0.19	cps
Indium	115-2	1314220	1328174	1321326	1321240	0.53	cps
Iron	56-2	202786932	203466410	204852671	203702005	0.52	cps
Iron	57-2	5158583	5192661	5201016	5184087	0.43	cps
Krypton	83-1	237	297	277	270	11.31	cps
Lead	206-1	2895472	2844882	2847511	2862621	0.99	cps
Lead	207-1	2662503	2615843	2631139	2636495	0.90	cps
Lead	208-1	12016699	11917572	11959073	11964448	0.42	cps
Lithium	6-1	3324472	3323724	3309147	3319114	0.26	cps
Magnesium	24-2	42616323	42680918	42642287	42646509	0.08	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1220130	1230792	1238373	1229765	0.75	cps
Molybdenum	94-1	7032935	7097126	7109458	7079839	0.58	cps
Molybdenum	95-1	8628788	8643359	8706725	8659624	0.48	cps
Molybdenum	96-1	9513283	9592760	9537998	9548014	0.43	cps
Molybdenum	97-1	5391192	5398706	5369660	5386519	0.28	cps
Molybdenum	98-1	13692099	13730557	13823297	13748651	0.49	cps
Neodymium	150-1	500	553	453	502	9.96	cps
Neodymium	150-2	63	70	83	72	14.11	cps
Nickel	60-2	369222	372799	372509	371510	0.53	cps
Phosphorus	31-2	40915	41475	40740	41044	0.94	cps
Potassium	39-2	18993870	19045045	18993786	19010900	0.16	cps
Rhodium	103-1	5629986	5641590	5714992	5662189	0.81	cps
Rhodium	103-2	2597183	2599634	2613756	2603525	0.34	cps
Scandium	45-1	4777067	4761636	4767449	4768717	0.16	cps
Scandium	45-2	192145	194180	192084	192803	0.62	cps
Selenium	77-2	3157	3340	3150	3216	3.35	cps
Selenium	78-2	10359	10341	10276	10325	0.42	cps
Selenium	82-1	69928	69646	70126	69900	0.35	cps
Silicon	28-1	3550714	3640383	3694575	3628557	2.00	cps
Silver	109-1	3941170	3930106	3930354	3933877	0.16	cps
Silver	107-1	4051520	4065842	4013177	4043513	0.67	cps
Sodium	23-2	80857525	80721564	81232906	80937332	0.33	cps
Strontium	86-1	1169561	1157056	1168932	1165183	0.60	cps
Strontium	88-1	10219606	10188424	10228580	10212203	0.21	cps
Sulfur	34-1	706599	698085	701693	702126	0.61	cps
Terbium	159-1	9232465	9277323	9360603	9290130	0.70	cps
Terbium	159-2	4659961	4703880	4716182	4693341	0.63	cps
Thallium	203-1	3568178	3513415	3533408	3538333	0.78	cps
Thallium	205-1	8593008	8579704	8659831	8610848	0.50	cps
Thorium	232-1	13872319	13926542	13989644	13929501	0.42	cps
Tin	118-1	2918246	2876915	2871479	2888880	0.89	cps
Titanium	47-1	2624096	2589823	2605245	2606388	0.66	cps
Uranium	238-1	13626159	13706308	13791607	13708024	0.60	cps
Vanadium	51-2	782967	779551	784481	782333	0.32	cps
Yttrium	89-1	7129687	7180664	7201232	7170528	0.51	cps
Yttrium	89-2	1025284	1031726	1031137	1029382	0.35	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:20:38	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	364756	366549	369472	366926	0.65	cps
Zirconium	90-1	5988967	5993855	6016052	5999625	0.24	cps
Zirconium	91-1	1316403	1303167	1324219	1314596	0.81	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:24:14 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	108	86	29.56	cps
Antimony	121-1	1642	2737	1467	1948	35.32	cps
Arsenic	75-1	-190	5	-38	-74	-137.42	cps
Barium	135-1	150	1403	75	543	137.47	cps
Barium	137-1	292	2273	242	935	123.86	cps
Beryllium	9-1	294	306	217	272	17.79	cps
Bismuth	209-1	6635870	6603871	6584778	6608173	0.39	cps
Bismuth	209-2	3747231	3761348	3916590	3808390	2.47	cps
Boron	10-1	7085	6735	6110	6643	7.44	cps
Boron	11-1	30707	27935	27384	28675	6.21	cps
Cadmium	111-1	2227	2825	2295	2449	13.37	cps
Cadmium	106-1	3050	3351	3192	3198	4.69	cps
Cadmium	108-1	13	42	8	21	87.19	cps
Calcium	43-1	258	533	208	333	52.51	cps
Calcium	44-1	7177	11723	5585	8162	39.03	cps
Chromium	52-2	557	483	563	534	8.31	cps
Cobalt	59-2	30	57	27	38	43.52	cps
Copper	63-2	193	207	240	213	11.27	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	75	33	17	42	72.11	cps
Gadolinium	160-2	140	97	197	144	34.72	cps
Holmium	165-1	9367303	9310883	9338868	9339018	0.30	cps
Holmium	165-2	4910594	4980806	5132574	5007991	2.27	cps
Indium	115-1	7242472	7252515	7255928	7250305	0.10	cps
Indium	115-2	1468897	1478845	1547301	1498348	2.85	cps
Iron	56-2	6707	6646	6429	6594	2.21	cps
Iron	57-2	194	189	167	183	8.02	cps
Krypton	83-1	283	273	290	282	2.97	cps
Lead	206-1	878	1390	783	1017	32.07	cps
Lead	207-1	744	1234	811	930	28.54	cps
Lead	208-1	3411	5320	3300	4011	28.31	cps
Lithium	6-1	3511315	3488792	3479154	3493087	0.47	cps
Magnesium	24-2	1025	983	1042	1017	2.96	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:24:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	73	63	72	11.62	cps
Molybdenum	94-1	1542	6342	875	2920	102.16	cps
Molybdenum	95-1	2092	8112	1342	3849	96.43	cps
Molybdenum	96-1	2159	9226	1350	4245	102.07	cps
Molybdenum	97-1	1400	6575	917	2964	105.83	cps
Molybdenum	98-1	3134	15726	2417	7092	105.55	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	50	60	47	52	13.28	cps
Phosphorus	31-2	108	125	183	139	28.35	cps
Potassium	39-2	14991	16093	15951	15678	3.82	cps
Rhodium	103-1	6596732	6599656	6595454	6597281	0.03	cps
Rhodium	103-2	3048161	3060691	3205605	3104819	2.82	cps
Scandium	45-1	4967159	4977501	4999365	4981342	0.33	cps
Scandium	45-2	203528	206429	212643	207533	2.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	39	44	44	12.50	cps
Selenium	82-1	-7	22	-2	4	365.66	cps
Silicon	28-1	187594	180764	176512	181623	3.08	cps
Silver	109-1	367	2524	242	1044	122.89	cps
Silver	107-1	517	3440	417	1458	117.80	cps
Sodium	23-2	21942	21892	21466	21766	1.20	cps
Strontium	86-1	475	633	442	517	19.82	cps
Strontium	88-1	450	717	333	500	39.31	cps
Sulfur	34-1	258547	253894	258673	257038	1.06	cps
Terbium	159-1	9612727	9530750	9613972	9585816	0.50	cps
Terbium	159-2	4818038	4849115	5011071	4892742	2.12	cps
Thallium	203-1	917	1635	800	1117	40.45	cps
Thallium	205-1	2634	3719	2050	2801	30.24	cps
Thorium	232-1	2317	3303	1822	2481	30.38	cps
Tin	118-1	1117	2219	1192	1509	40.80	cps
Titanium	47-1	142	225	108	158	37.96	cps
Uranium	238-1	450	2381	358	1063	107.44	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	7568799	7559391	7575959	7568050	0.11	cps
Yttrium	89-2	1086310	1101138	1138132	1108527	2.41	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:24:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	533	580	533	549	4.91	cps
Zirconium	90-1	858	2261	858	1326	61.08	cps
Zirconium	91-1	233	617	125	325	79.51	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:31:22 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1608	1333	1600	1514	10.33	cps
Antimony	121-1	11981	10871	11855	11569	5.25	cps
Arsenic	75-1	1164	1225	658	1016	30.62	cps
Barium	135-1	14817	14583	14758	14719	0.83	cps
Barium	137-1	26677	26559	26359	26532	0.61	cps
Beryllium	9-1	2195	2284	2439	2306	5.37	cps
Bismuth	209-1	6692803	6648773	6696529	6679368	0.40	cps
Bismuth	209-2	3752295	3790202	3808204	3783567	0.75	cps
Boron	10-1	13123	12823	12831	12925	1.32	cps
Boron	11-1	55771	55285	56941	55999	1.52	cps
Cadmium	111-1	4206	4149	4164	4173	0.71	cps
Cadmium	106-1	3917	3609	3542	3690	5.42	cps
Cadmium	108-1	200	188	154	181	13.12	cps
Calcium	43-1	10763	11146	11155	11021	2.03	cps
Calcium	44-1	179325	176686	173625	176545	1.62	cps
Chromium	52-2	4054	4194	4251	4166	2.43	cps
Cobalt	59-2	3020	2830	3030	2960	3.81	cps
Copper	63-2	4107	4377	4251	4245	3.18	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	133	143	117	131	10.28	cps
Holmium	165-1	9595635	9557947	9663108	9605563	0.55	cps
Holmium	165-2	5020145	5031316	5073658	5041707	0.56	cps
Indium	115-1	7554746	7451715	7579565	7528676	0.90	cps
Indium	115-2	1529734	1527212	1537723	1531556	0.36	cps
Iron	56-2	89488	90175	90545	90069	0.60	cps
Iron	57-2	2267	2411	2284	2321	3.41	cps
Krypton	83-1	237	263	267	256	6.43	cps
Lead	206-1	5907	5685	5690	5761	2.20	cps
Lead	207-1	5212	5207	5385	5268	1.92	cps
Lead	208-1	23653	23442	23642	23579	0.50	cps
Lithium	6-1	3645833	3643101	3625971	3638302	0.30	cps
Magnesium	24-2	83993	83927	82217	83379	1.21	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:31:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1207	1153	1260	1207	4.42	cps
Molybdenum	94-1	13031	12364	12965	12787	2.87	cps
Molybdenum	95-1	15843	16034	16076	15984	0.78	cps
Molybdenum	96-1	17528	17745	18020	17764	1.39	cps
Molybdenum	97-1	9754	9378	10096	9743	3.68	cps
Molybdenum	98-1	25724	25432	24630	25262	2.24	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	693	813	700	736	9.17	cps
Phosphorus	31-2	325	333	258	306	13.45	cps
Potassium	39-2	83970	84633	85538	84714	0.93	cps
Rhodium	103-1	6885647	6889467	6974463	6916526	0.73	cps
Rhodium	103-2	3165739	3192422	3210467	3189543	0.71	cps
Scandium	45-1	5234898	5287940	5284643	5269160	0.56	cps
Scandium	45-2	215486	214696	215081	215088	0.18	cps
Selenium	77-2	27	23	40	30	29.40	cps
Selenium	78-2	183	180	167	177	4.96	cps
Selenium	82-1	789	784	804	792	1.31	cps
Silicon	28-1	216409	216638	216091	216379	0.13	cps
Silver	109-1	8528	8436	8428	8464	0.66	cps
Silver	107-1	8436	8470	8545	8483	0.65	cps
Sodium	23-2	162067	164957	163852	163625	0.89	cps
Strontium	86-1	2400	2375	2475	2417	2.15	cps
Strontium	88-1	18504	17394	17895	17931	3.10	cps
Sulfur	34-1	290071	284196	289084	287784	1.09	cps
Terbium	159-1	9824988	9702553	9820726	9782756	0.71	cps
Terbium	159-2	4939582	5005301	4987309	4977397	0.68	cps
Thallium	203-1	6669	7152	6902	6908	3.50	cps
Thallium	205-1	16586	16611	16494	16564	0.37	cps
Thorium	232-1	23087	22453	21757	22433	2.97	cps
Tin	118-1	27069	27478	27578	27375	0.99	cps
Titanium	47-1	5176	4943	4976	5032	2.51	cps
Uranium	238-1	21001	22044	21969	21672	2.68	cps
Vanadium	51-2	7565	7389	7472	7475	1.18	cps
Yttrium	89-1	7922672	7882140	7925732	7910181	0.31	cps
Yttrium	89-2	1134563	1144163	1141438	1140055	0.43	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:31:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1237	1310	1243	1263	3.21	cps
Zirconium	90-1	10955	10571	10804	10777	1.79	cps
Zirconium	91-1	2434	2500	2592	2509	3.17	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : PB116196BL Instrumnet Name : P7
 Client Sample ID : PB116196BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 15:34:55 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	308	200	358	289	28.02	cps
Arsenic	75-1	-360	-333	-307	-334	-7.96	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	33	42	42	39	12.38	cps
Beryllium	9-1	172	156	150	159	7.26	cps
Bismuth	209-1	6706281	6689569	6664027	6686626	0.32	cps
Bismuth	209-2	3750910	3813886	3802495	3789097	0.89	cps
Boron	10-1	2650	2475	2542	2556	3.46	cps
Boron	11-1	11154	11171	10537	10954	3.30	cps
Cadmium	111-1	2491	2220	2289	2333	6.04	cps
Cadmium	106-1	3509	3092	3251	3284	6.41	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	125	158	83	122	30.74	cps
Calcium	44-1	5335	4984	4718	5012	6.17	cps
Chromium	52-2	610	557	670	612	9.26	cps
Cobalt	59-2	30	37	37	34	11.18	cps
Copper	63-2	183	160	223	189	16.96	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	20	13	3	12	68.66	cps
Gadolinium	160-1	67	42	8	39	75.26	cps
Gadolinium	160-2	107	183	100	130	35.62	cps
Holmium	165-1	9665480	9669242	9596251	9643658	0.43	cps
Holmium	165-2	5018623	5089993	5063093	5057236	0.71	cps
Indium	115-1	7590779	7580961	7586043	7585927	0.06	cps
Indium	115-2	1521210	1538683	1550229	1536707	0.95	cps
Iron	56-2	3789	4162	3795	3915	5.45	cps
Iron	57-2	94	139	106	113	20.47	cps
Krypton	83-1	280	350	333	321	11.39	cps
Lead	206-1	450	656	511	539	19.59	cps
Lead	207-1	561	450	561	524	12.24	cps
Lead	208-1	2322	2272	2339	2311	1.50	cps
Lithium	6-1	3736680	3678408	3686220	3700436	0.85	cps
Magnesium	24-2	433	433	492	453	7.44	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BL	Instrumnet Name :	P7
Client Sample ID :	PB116196BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:34:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	57	53	49	21.91	cps
Molybdenum	94-1	458	300	267	342	29.97	cps
Molybdenum	95-1	342	333	217	297	23.51	cps
Molybdenum	96-1	425	342	300	356	17.90	cps
Molybdenum	97-1	192	192	225	203	9.49	cps
Molybdenum	98-1	500	467	433	467	7.14	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47	30	60	46	32.99	cps
Phosphorus	31-2	75	150	125	117	32.74	cps
Potassium	39-2	14216	14541	14800	14519	2.02	cps
Rhodium	103-1	6987132	6953255	6992780	6977722	0.31	cps
Rhodium	103-2	3189445	3202340	3240353	3210713	0.82	cps
Scandium	45-1	5366729	5321174	5343933	5343945	0.43	cps
Scandium	45-2	214983	216863	214161	215336	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	54	43	44	19.09	cps
Selenium	82-1	64	-30	10	15	323.54	cps
Silicon	28-1	173387	172965	172508	172953	0.25	cps
Silver	109-1	125	175	125	142	20.38	cps
Silver	107-1	133	242	183	186	29.13	cps
Sodium	23-2	12931	13106	13090	13042	0.74	cps
Strontium	86-1	550	450	400	467	16.37	cps
Strontium	88-1	108	133	133	125	11.55	cps
Sulfur	34-1	290310	292093	291177	291194	0.31	cps
Terbium	159-1	9914011	9866710	9865307	9882009	0.28	cps
Terbium	159-2	4928833	5007343	4978176	4971451	0.80	cps
Thallium	203-1	450	417	450	439	4.38	cps
Thallium	205-1	1158	1117	1317	1197	8.81	cps
Thorium	232-1	417	444	322	394	16.24	cps
Tin	118-1	833	658	933	808	17.22	cps
Titanium	47-1	33	92	117	81	53.09	cps
Uranium	238-1	67	33	33	44	43.31	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	7955663	7998347	7944627	7966213	0.36	cps
Yttrium	89-2	1148143	1149819	1143823	1147262	0.27	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BL	Instrumnet Name :	P7
Client Sample ID :	PB116196BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:34:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	520	550	573	548	4.88	cps
Zirconium	90-1	567	617	417	533	19.52	cps
Zirconium	91-1	125	75	125	108	26.65	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BS	Instrumnet Name :	P7
Client Sample ID :	PB116196BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:38:30	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	815748	806368	817274	813130	0.73	cps
Antimony	121-1	3380930	3359283	3346384	3362199	0.52	cps
Arsenic	75-1	826105	809743	815049	816966	1.02	cps
Barium	135-1	4395029	4372252	4365529	4377603	0.35	cps
Barium	137-1	7899404	7886977	7907788	7898056	0.13	cps
Beryllium	9-1	1277548	1256643	1255130	1263107	0.99	cps
Bismuth	209-1	6322594	6292852	6331549	6315665	0.32	cps
Bismuth	209-2	3545215	3541008	3586796	3557673	0.71	cps
Boron	10-1	235763	234209	237451	235808	0.69	cps
Boron	11-1	1026950	1024977	1040343	1030757	0.81	cps
Cadmium	111-1	1019892	1020420	1013963	1018092	0.35	cps
Cadmium	106-1	118239	115551	114838	116210	1.54	cps
Cadmium	108-1	79446	77075	79086	78536	1.63	cps
Calcium	43-1	1283345	1273336	1278889	1278523	0.39	cps
Calcium	44-1	20751496	20776335	20664690	20730840	0.28	cps
Chromium	52-2	1017597	1015444	1016304	1016448	0.11	cps
Cobalt	59-2	1606202	1596667	1614654	1605841	0.56	cps
Copper	63-2	2141133	2136181	2159055	2145456	0.56	cps
Dysprosium	156-1	92	100	83	92	9.09	cps
Dysprosium	156-2	97	83	63	81	20.69	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	167	130	153	150	12.37	cps
Holmium	165-1	9460325	9525773	9484982	9490360	0.35	cps
Holmium	165-2	4955770	4961419	5039186	4985459	0.94	cps
Indium	115-1	7064811	7051983	7025567	7047454	0.28	cps
Indium	115-2	1404146	1403908	1406917	1404990	0.12	cps
Iron	56-2	44177200	43549345	44335530	44020692	0.94	cps
Iron	57-2	1104720	1099311	1121640	1108557	1.05	cps
Krypton	83-1	290	267	303	287	6.47	cps
Lead	206-1	3086818	3088686	3078736	3084747	0.17	cps
Lead	207-1	2830394	2847307	2836177	2837959	0.30	cps
Lead	208-1	12894070	12930296	12947370	12923912	0.21	cps
Lithium	6-1	3542736	3512706	3494843	3516762	0.69	cps
Magnesium	24-2	9816576	9741058	9844134	9800589	0.54	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BS	Instrumnet Name :	P7
Client Sample ID :	PB116196BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:38:30	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1310808	1307675	1319575	1312686	0.47	cps
Molybdenum	94-1	7466523	7424587	7432712	7441274	0.30	cps
Molybdenum	95-1	9113382	9057601	9092785	9087923	0.31	cps
Molybdenum	96-1	10092496	10041070	10005421	10046329	0.44	cps
Molybdenum	97-1	5687748	5640903	5676017	5668223	0.43	cps
Molybdenum	98-1	14474291	14474401	14505621	14484771	0.12	cps
Neodymium	150-1	480	473	480	478	0.81	cps
Neodymium	150-2	43	17	40	33	43.58	cps
Nickel	60-2	412990	410952	412111	412018	0.25	cps
Phosphorus	31-2	44250	42679	44734	43888	2.45	cps
Potassium	39-2	4006792	3956943	3989750	3984495	0.64	cps
Rhodium	103-1	6342638	6328081	6319356	6330025	0.19	cps
Rhodium	103-2	2866080	2857753	2875856	2866563	0.32	cps
Scandium	45-1	5029213	5038786	4993943	5020647	0.47	cps
Scandium	45-2	201848	198879	201696	200808	0.83	cps
Selenium	77-2	3380	3591	3460	3477	3.05	cps
Selenium	78-2	11816	11916	11809	11847	0.51	cps
Selenium	82-1	81059	81232	80978	81090	0.16	cps
Silicon	28-1	3376021	3413892	3406590	3398834	0.59	cps
Silver	109-1	4429203	4434616	4426639	4430153	0.09	cps
Silver	107-1	4587520	4595960	4533691	4572390	0.74	cps
Sodium	23-2	17564216	17305008	17631150	17500125	0.98	cps
Strontium	86-1	1238174	1223606	1224156	1228645	0.67	cps
Strontium	88-1	10737831	10820370	10806761	10788321	0.41	cps
Sulfur	34-1	776432	760570	755476	764159	1.43	cps
Terbium	159-1	9716522	9705862	9660050	9694145	0.31	cps
Terbium	159-2	4810764	4841041	4898723	4850176	0.92	cps
Thallium	203-1	3788470	3776439	3792473	3785794	0.22	cps
Thallium	205-1	9245173	9301976	9320683	9289277	0.42	cps
Thorium	232-1	14220550	14344840	14337203	14300864	0.49	cps
Tin	118-1	3106780	3093948	3097283	3099337	0.21	cps
Titanium	47-1	2750360	2733321	2717860	2733847	0.59	cps
Uranium	238-1	13901553	14061334	14105071	14022653	0.76	cps
Vanadium	51-2	819975	815087	820973	818679	0.38	cps
Yttrium	89-1	7602548	7573828	7572731	7583036	0.22	cps
Yttrium	89-2	1066972	1057409	1076285	1066889	0.88	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	PB116196BS	Instrumnet Name :	P7
Client Sample ID :	PB116196BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:38:30	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	368920	367057	373312	369763	0.87	cps
Zirconium	90-1	6305787	6311888	6291250	6302975	0.17	cps
Zirconium	91-1	1373576	1372880	1361574	1369343	0.49	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44676	44233	46867	45259	3.12	cps
Antimony	121-1	2334	1850	1917	2034	12.88	cps
Arsenic	75-1	9629	10444	9870	9981	4.19	cps
Barium	135-1	5635	5143	5285	5354	4.73	cps
Barium	137-1	8945	9354	9087	9128	2.27	cps
Beryllium	9-1	206	178	144	176	17.39	cps
Bismuth	209-1	6659885	6555907	6616654	6610815	0.79	cps
Bismuth	209-2	3705696	3733929	3752381	3730669	0.63	cps
Boron	10-1	646368	646698	651670	648245	0.46	cps
Boron	11-1	2866597	2893737	2894111	2884815	0.55	cps
Cadmium	111-1	2685	2352	2180	2405	10.66	cps
Cadmium	106-1	3651	3117	2950	3239	11.29	cps
Cadmium	108-1	83	79	50	71	25.64	cps
Calcium	43-1	116759	118431	116062	117084	1.04	cps
Calcium	44-1	1962334	1930400	1925576	1939437	1.03	cps
Chromium	52-2	2217	2140	2280	2212	3.17	cps
Cobalt	59-2	820	783	790	798	2.45	cps
Copper	63-2	46641	46072	45257	45990	1.51	cps
Dysprosium	156-1	300	317	342	319	6.57	cps
Dysprosium	156-2	173	183	160	172	6.80	cps
Erbium	164-1	258	258	317	278	12.12	cps
Erbium	164-2	143	143	137	141	2.73	cps
Gadolinium	160-1	258	325	350	311	15.23	cps
Gadolinium	160-2	333	360	320	338	6.03	cps
Holmium	165-1	9714135	9709207	9692765	9705369	0.12	cps
Holmium	165-2	5053554	5101549	5179545	5111549	1.24	cps
Indium	115-1	7355478	7324107	7314506	7331364	0.29	cps
Indium	115-2	1475518	1497780	1512994	1495431	1.26	cps
Iron	56-2	2517864	2558676	2547834	2541458	0.83	cps
Iron	57-2	63443	65401	62756	63867	2.15	cps
Krypton	83-1	293	290	270	284	4.44	cps
Lead	206-1	8381	8281	8019	8227	2.27	cps
Lead	207-1	7085	6924	6474	6828	4.64	cps
Lead	208-1	32939	32733	31638	32437	2.16	cps
Lithium	6-1	3637593	3591190	3574347	3601043	0.91	cps
Magnesium	24-2	224271	226806	225709	225595	0.56	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35907	35847	35777	35844	0.18	cps
Molybdenum	94-1	3117	3100	2884	3034	4.29	cps
Molybdenum	95-1	4784	4484	4034	4434	8.52	cps
Molybdenum	96-1	5168	5068	4267	4834	10.21	cps
Molybdenum	97-1	3067	2592	2442	2700	12.09	cps
Molybdenum	98-1	7669	6860	6302	6944	9.90	cps
Neodymium	150-1	380	500	433	438	13.73	cps
Neodymium	150-2	187	143	200	177	16.77	cps
Nickel	60-2	1027	1093	1053	1058	3.17	cps
Phosphorus	31-2	192	283	217	231	20.55	cps
Potassium	39-2	339507	348108	343641	343752	1.25	cps
Rhodium	103-1	6532491	6526341	6529944	6529592	0.05	cps
Rhodium	103-2	3006726	3045489	3065148	3039121	0.98	cps
Scandium	45-1	5186116	5153973	5145928	5162006	0.41	cps
Scandium	45-2	206422	210979	210229	209210	1.17	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	44	52	43	46	10.58	cps
Selenium	82-1	31	57	67	52	35.51	cps
Silicon	28-1	125437482	124454074	124638444	124843333	0.42	cps
Silver	109-1	1383	1575	1584	1514	7.47	cps
Silver	107-1	1425	1650	1834	1636	12.50	cps
Sodium	23-2	39447156	39414651	39022537	39294781	0.60	cps
Strontium	86-1	16460	16118	16669	16416	1.69	cps
Strontium	88-1	142662	140246	139835	140914	1.08	cps
Sulfur	34-1	516725	512210	517615	515516	0.56	cps
Terbium	159-1	9944467	9891081	9911599	9915716	0.27	cps
Terbium	159-2	4991735	5034550	5070001	5032096	0.78	cps
Thallium	203-1	4468	4092	4101	4220	5.08	cps
Thallium	205-1	9963	9646	10780	10129	5.78	cps
Thorium	232-1	2839	2878	2934	2884	1.65	cps
Tin	118-1	3567	3251	3359	3392	4.75	cps
Titanium	47-1	34608	34374	34575	34519	0.37	cps
Uranium	238-1	1058	967	1150	1058	8.66	cps
Vanadium	51-2	1777	1920	2074	1923	7.71	cps
Yttrium	89-1	7804860	7718450	7775162	7766157	0.57	cps
Yttrium	89-2	1116956	1117789	1126130	1120292	0.45	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1067-01	Instrumnet Name :	P7
Client Sample ID :	390103049.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:42:04	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	408275	412856	413000	411377	0.65	cps
Zirconium	90-1	2000	1967	1834	1934	4.56	cps
Zirconium	91-1	458	367	483	436	14.08	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	608	608	700	639	8.28	cps
Antimony	121-1	1517	1567	1659	1581	4.55	cps
Arsenic	75-1	14090	13740	14380	14070	2.28	cps
Barium	135-1	189252	189880	188967	189367	0.25	cps
Barium	137-1	336592	333936	336859	335796	0.48	cps
Beryllium	9-1	150	167	150	156	6.19	cps
Bismuth	209-1	6832829	6726211	6793238	6784093	0.79	cps
Bismuth	209-2	3696103	3743853	3758406	3732787	0.87	cps
Boron	10-1	18195	17085	15884	17055	6.78	cps
Boron	11-1	80858	76837	70565	76086	6.82	cps
Cadmium	111-1	2680	2526	2624	2610	2.98	cps
Cadmium	106-1	3684	3451	3626	3587	3.39	cps
Cadmium	108-1	17	21	38	25	44.09	cps
Calcium	43-1	2815468	2827201	2802547	2815072	0.44	cps
Calcium	44-1	46504443	46860240	46251572	46538751	0.66	cps
Chromium	52-2	3237	2960	3187	3128	4.71	cps
Cobalt	59-2	947	917	970	944	2.83	cps
Copper	63-2	25706	25810	26678	26065	2.05	cps
Dysprosium	156-1	100	100	117	106	9.12	cps
Dysprosium	156-2	33	37	50	40	22.05	cps
Erbium	164-1	183	100	158	147	29.04	cps
Erbium	164-2	100	80	110	97	15.80	cps
Gadolinium	160-1	175	142	83	133	34.80	cps
Gadolinium	160-2	203	213	163	193	13.68	cps
Holmium	165-1	10266330	10120514	10153488	10180111	0.75	cps
Holmium	165-2	5285109	5258908	5230841	5258286	0.52	cps
Indium	115-1	7744510	7714572	7762779	7740620	0.31	cps
Indium	115-2	1544592	1538073	1558610	1547092	0.68	cps
Iron	56-2	23956188	23600550	23615405	23724048	0.85	cps
Iron	57-2	600345	596261	600121	598909	0.38	cps
Krypton	83-1	247	323	313	294	14.16	cps
Lead	206-1	4723	4179	4584	4495	6.30	cps
Lead	207-1	4195	3928	3706	3943	6.21	cps
Lead	208-1	17783	17377	17566	17575	1.16	cps
Lithium	6-1	3885190	3888569	3870613	3881457	0.25	cps
Magnesium	24-2	9814614	9798835	9765133	9792861	0.26	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	239871	238767	236781	238473	0.66	cps
Molybdenum	94-1	3559	3192	3376	3376	5.43	cps
Molybdenum	95-1	5401	5535	5151	5362	3.63	cps
Molybdenum	96-1	6268	6060	6193	6174	1.71	cps
Molybdenum	97-1	3342	3492	3209	3348	4.24	cps
Molybdenum	98-1	8086	8761	8428	8425	4.01	cps
Neodymium	150-1	53	113	53	73	47.23	cps
Neodymium	150-2	27	50	10	29	69.55	cps
Nickel	60-2	1007	1060	1077	1048	3.49	cps
Phosphorus	31-2	300	283	342	308	9.74	cps
Potassium	39-2	366132	366835	368362	367109	0.31	cps
Rhodium	103-1	6946780	6936207	6933671	6938886	0.10	cps
Rhodium	103-2	3150473	3168928	3186934	3168778	0.58	cps
Scandium	45-1	5615613	5581059	5560865	5585846	0.50	cps
Scandium	45-2	219448	219556	223190	220731	0.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	37	43	40	7.04	cps
Selenium	82-1	185	117	114	139	29.05	cps
Silicon	28-1	46717000	46138635	46076924	46310853	0.76	cps
Silver	109-1	2192	2184	2184	2186	0.22	cps
Silver	107-1	2084	2242	2625	2317	12.02	cps
Sodium	23-2	7779561	7799901	7788836	7789433	0.13	cps
Strontium	86-1	438277	434835	434888	436000	0.45	cps
Strontium	88-1	3748688	3729133	3705650	3727824	0.58	cps
Sulfur	34-1	674631	672708	677536	674958	0.36	cps
Terbium	159-1	10485964	10408590	10392700	10429085	0.48	cps
Terbium	159-2	5214282	5121924	5194213	5176806	0.94	cps
Thallium	203-1	1950	2559	2384	2298	13.63	cps
Thallium	205-1	5151	5276	5493	5307	3.26	cps
Thorium	232-1	656	594	617	622	4.97	cps
Tin	118-1	1959	1817	1709	1828	6.86	cps
Titanium	47-1	1100	917	983	1000	9.28	cps
Uranium	238-1	1250115	1233256	1237103	1240158	0.71	cps
Vanadium	51-2	3447	3617	3647	3570	3.02	cps
Yttrium	89-1	8364389	8272177	8259235	8298601	0.69	cps
Yttrium	89-2	1169380	1167839	1173147	1170122	0.23	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1068-01	Instrumnet Name :	P7
Client Sample ID :	381226038.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:45:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4164	4274	3884	4107	4.90	cps
Zirconium	90-1	517	625	658	600	12.34	cps
Zirconium	91-1	100	233	117	150	48.43	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	1984	1592	1895	14.23	cps
Antimony	121-1	5568	5585	5826	5660	2.56	cps
Arsenic	75-1	11721	11080	11611	11471	2.99	cps
Barium	135-1	40142	41538	41755	41145	2.13	cps
Barium	137-1	72841	72180	71476	72165	0.95	cps
Beryllium	9-1	150	117	128	131	12.91	cps
Bismuth	209-1	7265867	7288019	7219081	7257656	0.48	cps
Bismuth	209-2	3955866	4019588	4011099	3995518	0.87	cps
Boron	10-1	35802	36086	36745	36211	1.34	cps
Boron	11-1	161278	161277	163196	161917	0.68	cps
Cadmium	111-1	2183	2402	2557	2381	7.88	cps
Cadmium	106-1	2984	3292	3476	3251	7.65	cps
Cadmium	108-1	38	75	38	50	43.30	cps
Calcium	43-1	1301916	1287551	1275377	1288281	1.03	cps
Calcium	44-1	21409305	21188460	21028642	21208802	0.90	cps
Chromium	52-2	17884	18048	18081	18005	0.59	cps
Cobalt	59-2	1137	1170	1330	1212	8.53	cps
Copper	63-2	3107845	3146475	3140202	3131507	0.66	cps
Dysprosium	156-1	117	150	108	125	17.64	cps
Dysprosium	156-2	67	47	57	57	17.65	cps
Erbium	164-1	192	242	142	192	26.09	cps
Erbium	164-2	113	117	80	103	19.62	cps
Gadolinium	160-1	67	150	192	136	46.76	cps
Gadolinium	160-2	213	213	213	213	0.00	cps
Holmium	165-1	10229338	10287622	10296947	10271302	0.36	cps
Holmium	165-2	5304205	5348641	5317499	5323448	0.43	cps
Indium	115-1	7863516	7818983	7834040	7838846	0.29	cps
Indium	115-2	1539314	1575113	1563538	1559322	1.17	cps
Iron	56-2	5498935	5486552	5493357	5492948	0.11	cps
Iron	57-2	142568	142323	141435	142109	0.42	cps
Krypton	83-1	327	267	233	276	17.17	cps
Lead	206-1	1382057	1382851	1375320	1380076	0.30	cps
Lead	207-1	1221083	1216426	1199048	1212186	0.96	cps
Lead	208-1	5551762	5542138	5474862	5522921	0.76	cps
Lithium	6-1	3866433	3862808	3823135	3850792	0.62	cps
Magnesium	24-2	2955436	2955669	2935567	2948890	0.39	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16696	16616	16226	16513	1.52	cps
Molybdenum	94-1	458	392	517	456	13.73	cps
Molybdenum	95-1	425	425	442	431	2.23	cps
Molybdenum	96-1	733	600	725	686	10.89	cps
Molybdenum	97-1	225	358	242	275	26.42	cps
Molybdenum	98-1	700	625	575	633	9.93	cps
Neodymium	150-1	47	120	87	84	43.48	cps
Neodymium	150-2	23	30	33	29	17.63	cps
Nickel	60-2	3454	3591	3537	3527	1.95	cps
Phosphorus	31-2	367	275	458	367	25.00	cps
Potassium	39-2	150498	153646	150549	151564	1.19	cps
Rhodium	103-1	7100923	7057576	7053674	7070724	0.37	cps
Rhodium	103-2	3177605	3228693	3233984	3213428	0.97	cps
Scandium	45-1	5562959	5572474	5558619	5564684	0.13	cps
Scandium	45-2	218443	220945	218246	219211	0.69	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	44	67	52	54	20.84	cps
Selenium	82-1	92	190	184	155	35.44	cps
Silicon	28-1	69483474	68993752	68450574	68975933	0.75	cps
Silver	109-1	7886	7886	7736	7836	1.11	cps
Silver	107-1	8319	8620	8103	8347	3.11	cps
Sodium	23-2	6879498	6853395	6844635	6859176	0.26	cps
Strontium	86-1	355165	357127	352219	354837	0.70	cps
Strontium	88-1	3072721	3040992	3010838	3041517	1.02	cps
Sulfur	34-1	588186	589987	590868	589681	0.23	cps
Terbium	159-1	10463211	10520429	10558108	10513916	0.45	cps
Terbium	159-2	5173235	5246146	5251391	5223591	0.84	cps
Thallium	203-1	1350	1475	1475	1433	5.03	cps
Thallium	205-1	3084	3376	3542	3334	6.96	cps
Thorium	232-1	783	594	489	622	23.98	cps
Tin	118-1	131721	125516	124947	127395	2.95	cps
Titanium	47-1	1483	1467	1433	1461	1.74	cps
Uranium	238-1	20601	20575	19849	20342	2.10	cps
Vanadium	51-2	14594	15024	15141	14920	1.93	cps
Yttrium	89-1	8281500	8258046	8287813	8275786	0.19	cps
Yttrium	89-2	1161466	1179346	1180595	1173802	0.91	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01	Instrumnet Name :	P7
Client Sample ID :	381228055.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:49:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	248082	246743	247954	247593	0.30	cps
Zirconium	90-1	617	575	692	628	9.42	cps
Zirconium	91-1	175	192	100	156	31.39	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1492	1525	1428	9.84	cps
Antimony	121-1	1425	1675	1609	1570	8.25	cps
Arsenic	75-1	12914	13768	13021	13234	3.52	cps
Barium	135-1	430673	427925	425860	428153	0.56	cps
Barium	137-1	757260	749536	749411	752069	0.60	cps
Beryllium	9-1	167	150	172	163	7.10	cps
Bismuth	209-1	6885353	6915316	6817946	6872872	0.73	cps
Bismuth	209-2	3736338	3763374	3779338	3759683	0.58	cps
Boron	10-1	11964	11563	11638	11722	1.82	cps
Boron	11-1	52743	51162	51062	51656	1.83	cps
Cadmium	111-1	2660	2657	2635	2651	0.52	cps
Cadmium	106-1	3584	3551	3509	3548	1.06	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Calcium	43-1	3236609	3228221	3199259	3221363	0.61	cps
Calcium	44-1	53288585	53370333	52633246	53097388	0.76	cps
Chromium	52-2	1357	1240	1220	1272	5.80	cps
Cobalt	59-2	360	387	413	387	6.90	cps
Copper	63-2	38842	39263	39948	39351	1.42	cps
Dysprosium	156-1	400	275	408	361	20.68	cps
Dysprosium	156-2	253	227	197	226	12.57	cps
Erbium	164-1	408	467	458	444	7.10	cps
Erbium	164-2	190	220	220	210	8.25	cps
Gadolinium	160-1	483	392	400	425	11.93	cps
Gadolinium	160-2	347	313	400	353	12.37	cps
Holmium	165-1	10337793	10382496	10269881	10330057	0.55	cps
Holmium	165-2	5292818	5338694	5330321	5320611	0.46	cps
Indium	115-1	7875850	7851169	7843512	7856844	0.22	cps
Indium	115-2	1561844	1563466	1583691	1569667	0.78	cps
Iron	56-2	1257062	1264539	1264457	1262020	0.34	cps
Iron	57-2	44406	46061	46703	45724	2.59	cps
Krypton	83-1	283	287	283	284	0.68	cps
Lead	206-1	3834	3562	3428	3608	5.73	cps
Lead	207-1	3034	3045	3095	3058	1.07	cps
Lead	208-1	14448	14153	14248	14283	1.05	cps
Lithium	6-1	3894055	3884391	3848983	3875810	0.61	cps
Magnesium	24-2	5482797	5442452	5420342	5448530	0.58	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27125	27032	27766	27308	1.46	cps
Molybdenum	94-1	917	875	867	886	3.02	cps
Molybdenum	95-1	1250	1083	1000	1111	11.46	cps
Molybdenum	96-1	1183	1242	1183	1203	2.80	cps
Molybdenum	97-1	533	633	725	631	15.20	cps
Molybdenum	98-1	1725	1809	1767	1767	2.36	cps
Neodymium	150-1	287	293	260	280	6.30	cps
Neodymium	150-2	100	113	80	98	17.16	cps
Nickel	60-2	1057	1063	1250	1123	9.77	cps
Phosphorus	31-2	483	625	617	575	13.83	cps
Potassium	39-2	243999	248880	249243	247374	1.18	cps
Rhodium	103-1	7065372	7040764	7019096	7041744	0.33	cps
Rhodium	103-2	3182662	3177614	3207105	3189127	0.49	cps
Scandium	45-1	5641432	5587254	5592534	5607073	0.53	cps
Scandium	45-2	220117	221398	223750	221755	0.83	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	56	50	67	57	14.78	cps
Selenium	82-1	167	163	196	175	10.19	cps
Silicon	28-1	65104801	65195662	65066235	65122233	0.10	cps
Silver	109-1	1642	1558	1684	1628	3.91	cps
Silver	107-1	1508	1734	1775	1672	8.58	cps
Sodium	23-2	12069507	11979696	12041387	12030197	0.38	cps
Strontium	86-1	650499	648392	640300	646397	0.83	cps
Strontium	88-1	5811209	5781887	5791162	5794753	0.26	cps
Sulfur	34-1	461365	465775	465390	464177	0.53	cps
Terbium	159-1	10532130	10538438	10464198	10511589	0.39	cps
Terbium	159-2	5204349	5174842	5197196	5192129	0.30	cps
Thallium	203-1	858	1042	1125	1008	13.53	cps
Thallium	205-1	2759	2659	2817	2745	2.92	cps
Thorium	232-1	933	839	845	872	6.08	cps
Tin	118-1	1717	1742	1809	1756	2.70	cps
Titanium	47-1	1517	1608	1558	1561	2.94	cps
Uranium	238-1	31305	31389	30612	31102	1.37	cps
Vanadium	51-2	1213	1180	1243	1212	2.61	cps
Yttrium	89-1	8422924	8439268	8404629	8422274	0.21	cps
Yttrium	89-2	1180775	1177938	1189176	1182630	0.49	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1070-01	Instrumnet Name :	P7
Client Sample ID :	381221034.9	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:52:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11885	11972	11928	11928	0.36	cps
Zirconium	90-1	533	683	700	639	14.37	cps
Zirconium	91-1	142	150	108	133	16.54	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692	742	775	736	5.70	cps
Antimony	121-1	1442	1425	1458	1442	1.16	cps
Arsenic	75-1	14252	12302	14574	13709	8.97	cps
Barium	135-1	183	200	233	206	12.38	cps
Barium	137-1	392	267	517	392	31.92	cps
Beryllium	9-1	100	117	83	100	16.66	cps
Bismuth	209-1	7331167	7267811	7245515	7281498	0.61	cps
Bismuth	209-2	3879928	3919179	3899159	3899422	0.50	cps
Boron	10-1	4409	4301	3584	4098	10.94	cps
Boron	11-1	19822	19104	18237	19054	4.17	cps
Cadmium	111-1	2384	2445	2421	2417	1.26	cps
Cadmium	106-1	3384	3426	3376	3395	0.79	cps
Cadmium	108-1	38	17	13	22	60.27	cps
Calcium	43-1	567	633	658	619	7.65	cps
Calcium	44-1	13899	13890	13448	13746	1.87	cps
Chromium	52-2	940	997	1067	1001	6.34	cps
Cobalt	59-2	30	23	33	29	17.63	cps
Copper	63-2	603	650	720	658	8.93	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	25	58	25	36	53.30	cps
Gadolinium	160-2	123	167	147	146	14.90	cps
Holmium	165-1	10580680	10446495	10420859	10482678	0.82	cps
Holmium	165-2	5265496	5273691	5283976	5274388	0.18	cps
Indium	115-1	8182383	8206653	8092638	8160558	0.74	cps
Indium	115-2	1563877	1579318	1584260	1575818	0.67	cps
Iron	56-2	6029	6513	6285	6276	3.85	cps
Iron	57-2	161	228	167	185	19.98	cps
Krypton	83-1	280	310	320	303	6.86	cps
Lead	206-1	883	889	911	895	1.64	cps
Lead	207-1	733	811	767	770	5.07	cps
Lead	208-1	3378	3606	3361	3448	3.96	cps
Lithium	6-1	3930414	3892433	3868189	3897012	0.80	cps
Magnesium	24-2	2784	3059	3017	2953	5.02	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	160	150	146	11.75	cps
Molybdenum	94-1	233	250	275	253	8.29	cps
Molybdenum	95-1	125	100	117	114	11.18	cps
Molybdenum	96-1	217	233	167	206	16.88	cps
Molybdenum	97-1	83	33	58	58	42.86	cps
Molybdenum	98-1	125	200	142	156	25.32	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	73	60	64	11.95	cps
Phosphorus	31-2	125	125	142	131	7.37	cps
Potassium	39-2	14983	14850	15175	15003	1.09	cps
Rhodium	103-1	7497458	7410155	7406471	7438028	0.69	cps
Rhodium	103-2	3260715	3288928	3300077	3283240	0.62	cps
Scandium	45-1	5642597	5621578	5576662	5613612	0.60	cps
Scandium	45-2	215906	214932	215497	215445	0.23	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	20	46	40	42.53	cps
Selenium	82-1	39	-3	-24	4	778.06	cps
Silicon	28-1	164376	164064	168766	165735	1.59	cps
Silver	109-1	1375	1467	1317	1386	5.46	cps
Silver	107-1	1350	1367	1450	1389	3.86	cps
Sodium	23-2	27652	26975	27902	27509	1.74	cps
Strontium	86-1	667	592	550	603	9.81	cps
Strontium	88-1	1367	1317	1375	1353	2.33	cps
Sulfur	34-1	258489	262761	261574	260941	0.85	cps
Terbium	159-1	10810136	10652959	10662849	10708648	0.82	cps
Terbium	159-2	5188722	5131974	5183065	5167920	0.60	cps
Thallium	203-1	800	892	925	872	7.42	cps
Thallium	205-1	2142	2450	2250	2281	6.86	cps
Thorium	232-1	306	344	294	315	8.34	cps
Tin	118-1	1659	1634	1825	1706	6.11	cps
Titanium	47-1	183	125	75	128	42.43	cps
Uranium	238-1	100	58	67	75	29.39	cps
Vanadium	51-2	203	147	203	184	17.74	cps
Yttrium	89-1	8543761	8501419	8497376	8514185	0.30	cps
Yttrium	89-2	1168063	1168691	1164461	1167072	0.20	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1076-01	Instrumnet Name :	P7
Client Sample ID :	381218022	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 15:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1330	1353	1370	1351	1.49	cps
Zirconium	90-1	492	692	575	586	17.14	cps
Zirconium	91-1	83	150	150	128	30.12	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2484	2117	2353	8.71	cps
Antimony	121-1	1759	1592	1408	1586	11.04	cps
Arsenic	75-1	16941	16058	17427	16809	4.13	cps
Barium	135-1	69349	69055	69667	69357	0.44	cps
Barium	137-1	123746	121924	120973	122214	1.15	cps
Beryllium	9-1	283	283	222	263	13.42	cps
Bismuth	209-1	7087378	7054507	7077818	7073235	0.24	cps
Bismuth	209-2	3816951	3867970	3876869	3853930	0.84	cps
Boron	10-1	4909	4834	4984	4909	1.53	cps
Boron	11-1	22259	21858	21850	21989	1.06	cps
Cadmium	111-1	2457	2245	2287	2330	4.80	cps
Cadmium	106-1	3467	3150	3234	3284	5.00	cps
Cadmium	108-1	29	8	8	15	78.76	cps
Calcium	43-1	1222361	1204561	1211473	1212798	0.74	cps
Calcium	44-1	19877943	19975092	19917018	19923351	0.25	cps
Chromium	52-2	2307	2137	2277	2240	4.05	cps
Cobalt	59-2	350	373	433	386	11.15	cps
Copper	63-2	17848	16850	17671	17456	3.05	cps
Dysprosium	156-1	467	375	508	450	15.16	cps
Dysprosium	156-2	243	273	190	236	17.92	cps
Erbium	164-1	1000	817	933	917	10.12	cps
Erbium	164-2	380	537	463	460	17.04	cps
Gadolinium	160-1	600	633	475	569	14.66	cps
Gadolinium	160-2	427	497	427	450	8.98	cps
Holmium	165-1	10370426	10245905	10363833	10326721	0.68	cps
Holmium	165-2	5248977	5291499	5288562	5276346	0.45	cps
Indium	115-1	7876035	7832750	7905017	7871267	0.46	cps
Indium	115-2	1537807	1548503	1543059	1543123	0.35	cps
Iron	56-2	57504386	57328394	56812807	57215196	0.63	cps
Iron	57-2	1432414	1424527	1420584	1425842	0.42	cps
Krypton	83-1	310	323	340	324	4.63	cps
Lead	206-1	1422	1383	1422	1409	1.59	cps
Lead	207-1	1261	1250	1239	1250	0.89	cps
Lead	208-1	5473	5595	5373	5480	2.03	cps
Lithium	6-1	3759491	3681645	3672261	3704466	1.29	cps
Magnesium	24-2	2813547	2835351	2808060	2818986	0.51	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	857460	865027	865976	862821	0.54	cps
Molybdenum	94-1	3275	3401	2900	3192	8.15	cps
Molybdenum	95-1	950	1283	1342	1192	17.73	cps
Molybdenum	96-1	3242	3075	3234	3184	2.95	cps
Molybdenum	97-1	750	825	575	717	17.90	cps
Molybdenum	98-1	1650	1767	1717	1711	3.42	cps
Neodymium	150-1	393	413	360	389	6.93	cps
Neodymium	150-2	100	127	153	127	21.05	cps
Nickel	60-2	510	503	487	500	2.40	cps
Phosphorus	31-2	1117	1142	1025	1095	5.61	cps
Potassium	39-2	164064	165642	164098	164601	0.55	cps
Rhodium	103-1	7180291	7076356	7123946	7126864	0.73	cps
Rhodium	103-2	3181943	3197373	3219782	3199699	0.59	cps
Scandium	45-1	5521240	5513190	5510642	5515024	0.10	cps
Scandium	45-2	215170	214540	212727	214146	0.59	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	50	43	46	8.44	cps
Selenium	82-1	46	12	22	27	64.20	cps
Silicon	28-1	75737148	75249312	75291160	75425873	0.36	cps
Silver	109-1	975	975	1175	1042	11.09	cps
Silver	107-1	1292	1058	1292	1214	11.10	cps
Sodium	23-2	3478601	3469650	3464893	3471048	0.20	cps
Strontium	86-1	265145	258332	260552	261343	1.33	cps
Strontium	88-1	2275440	2253318	2245531	2258096	0.69	cps
Sulfur	34-1	402339	402789	406619	403916	0.58	cps
Terbium	159-1	10580815	10477236	10498533	10518861	0.52	cps
Terbium	159-2	5134521	5175398	5170724	5160214	0.43	cps
Thallium	203-1	725	658	808	731	10.29	cps
Thallium	205-1	1975	1717	1617	1770	10.45	cps
Thorium	232-1	1056	961	1228	1082	12.50	cps
Tin	118-1	1817	1592	1475	1628	10.67	cps
Titanium	47-1	4684	4493	4701	4626	2.50	cps
Uranium	238-1	358	292	308	319	10.86	cps
Vanadium	51-2	3387	3701	3607	3565	4.51	cps
Yttrium	89-1	8375679	8332676	8334534	8347630	0.29	cps
Yttrium	89-2	1154317	1150821	1161621	1155587	0.48	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1077-01	Instrumnet Name :	P7
Client Sample ID :	390102134	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:00:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3187	3214	3244	3215	0.88	cps
Zirconium	90-1	7277	7285	6960	7174	2.58	cps
Zirconium	91-1	1500	1617	1533	1550	3.88	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3201	3301	2900	3134	6.65	cps
Antimony	121-1	1442	1442	1400	1428	1.68	cps
Arsenic	75-1	17270	17590	16726	17196	2.54	cps
Barium	135-1	73344	70772	70923	71680	2.01	cps
Barium	137-1	129289	127388	125051	127243	1.67	cps
Beryllium	9-1	344	278	211	278	24.00	cps
Bismuth	209-1	7102838	7019159	6978333	7033443	0.90	cps
Bismuth	209-2	3807823	3841233	3836291	3828449	0.47	cps
Boron	10-1	4601	4334	4526	4487	3.07	cps
Boron	11-1	21683	22109	20965	21586	2.68	cps
Cadmium	111-1	2602	2555	2412	2523	3.92	cps
Cadmium	106-1	3684	3609	3417	3570	3.85	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Calcium	43-1	1266425	1237217	1225967	1243203	1.68	cps
Calcium	44-1	20499677	20237918	20326531	20354708	0.65	cps
Chromium	52-2	2434	2554	2631	2539	3.91	cps
Cobalt	59-2	437	387	387	403	7.16	cps
Copper	63-2	11578	11922	12028	11843	1.99	cps
Dysprosium	156-1	567	542	550	553	2.30	cps
Dysprosium	156-2	290	307	280	292	4.61	cps
Erbium	164-1	933	975	875	928	5.41	cps
Erbium	164-2	520	500	463	494	5.81	cps
Gadolinium	160-1	608	675	642	642	5.19	cps
Gadolinium	160-2	440	440	433	438	0.88	cps
Holmium	165-1	10267176	10292706	10198026	10252636	0.48	cps
Holmium	165-2	5246500	5217207	5196911	5220206	0.48	cps
Indium	115-1	7894778	7875221	7839961	7869987	0.35	cps
Indium	115-2	1532749	1554349	1549416	1545505	0.73	cps
Iron	56-2	57684512	57381617	57880167	57648765	0.44	cps
Iron	57-2	1427216	1436810	1445410	1436478	0.63	cps
Krypton	83-1	293	293	253	280	8.25	cps
Lead	206-1	3423	3078	3267	3256	5.30	cps
Lead	207-1	3000	2945	2711	2886	5.31	cps
Lead	208-1	13220	12853	13036	13036	1.41	cps
Lithium	6-1	3711774	3690284	3727633	3709897	0.51	cps
Magnesium	24-2	2835442	2858742	2852314	2848832	0.42	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	866763	873159	874367	871430	0.47	cps
Molybdenum	94-1	3417	2992	3217	3209	6.63	cps
Molybdenum	95-1	1025	1033	1058	1039	1.67	cps
Molybdenum	96-1	3392	2884	2792	3023	10.70	cps
Molybdenum	97-1	692	692	642	675	4.28	cps
Molybdenum	98-1	1483	1675	1650	1603	6.50	cps
Neodymium	150-1	460	387	360	402	12.87	cps
Neodymium	150-2	160	120	163	148	16.32	cps
Nickel	60-2	343	357	487	396	20.02	cps
Phosphorus	31-2	1067	1283	892	1081	18.16	cps
Potassium	39-2	166364	168706	168825	167965	0.83	cps
Rhodium	103-1	7132322	7202466	7132296	7155695	0.57	cps
Rhodium	103-2	3199061	3207106	3212647	3206271	0.21	cps
Scandium	45-1	5577452	5545496	5516402	5546450	0.55	cps
Scandium	45-2	214260	214679	214512	214483	0.10	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	52	61	54	12.43	cps
Selenium	82-1	68	41	89	66	36.00	cps
Silicon	28-1	77343112	76942710	76776618	77020814	0.38	cps
Silver	109-1	825	875	1117	939	16.61	cps
Silver	107-1	875	958	1117	983	12.48	cps
Sodium	23-2	3519596	3517234	3512158	3516330	0.11	cps
Strontium	86-1	266795	265547	267418	266587	0.36	cps
Strontium	88-1	2312614	2314334	2267940	2298296	1.14	cps
Sulfur	34-1	412501	414865	409555	412307	0.65	cps
Terbium	159-1	10583682	10470629	10443421	10499244	0.71	cps
Terbium	159-2	5144499	5154302	5196036	5164946	0.53	cps
Thallium	203-1	575	617	642	611	5.51	cps
Thallium	205-1	1759	1525	1467	1584	9.75	cps
Thorium	232-1	983	1083	1000	1022	5.24	cps
Tin	118-1	1750	1542	1667	1653	6.34	cps
Titanium	47-1	5051	5485	5168	5234	4.29	cps
Uranium	238-1	267	267	267	267	0.00	cps
Vanadium	51-2	3874	3744	3620	3746	3.38	cps
Yttrium	89-1	8444183	8458236	8327404	8409941	0.85	cps
Yttrium	89-2	1155915	1163437	1160323	1159892	0.33	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1078-01	Instrumnet Name :	P7
Client Sample ID :	390102135	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:03:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17628	18135	17908	17890	1.42	cps
Zirconium	90-1	6944	6960	6852	6919	0.84	cps
Zirconium	91-1	1658	1667	1442	1589	8.03	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3803038	3879511	3869714	3850755	1.08	cps
Antimony	121-1	2913119	2887722	2873665	2891502	0.69	cps
Arsenic	75-1	670494	664935	667580	667670	0.42	cps
Barium	135-1	3962993	3922459	3929559	3938337	0.55	cps
Barium	137-1	7151453	7055552	7095648	7100884	0.68	cps
Beryllium	9-1	1092268	1088121	1082458	1087616	0.45	cps
Bismuth	209-1	5307251	5561669	5377358	5415426	2.43	cps
Bismuth	209-2	3076974	3095216	3105037	3092409	0.46	cps
Boron	10-1	203828	204150	208046	205341	1.14	cps
Boron	11-1	885569	892120	894149	890613	0.50	cps
Cadmium	111-1	1056744	1054112	1052537	1054464	0.20	cps
Cadmium	106-1	116719	118619	118417	117918	0.88	cps
Cadmium	108-1	80540	80523	81185	80749	0.47	cps
Calcium	43-1	5581083	5577059	5580803	5579648	0.04	cps
Calcium	44-1	90151542	89878658	89289212	89773137	0.49	cps
Chromium	52-2	901944	908869	919087	909967	0.95	cps
Cobalt	59-2	1388399	1413323	1417148	1406290	1.11	cps
Copper	63-2	1907778	1922318	1946078	1925391	1.00	cps
Dysprosium	156-1	117	158	142	139	15.10	cps
Dysprosium	156-2	83	103	113	100	15.28	cps
Erbium	164-1	17	75	42	44	65.84	cps
Erbium	164-2	30	37	33	33	10.01	cps
Gadolinium	160-1	83	92	133	103	26.06	cps
Gadolinium	160-2	143	143	133	140	4.12	cps
Holmium	165-1	8688973	8867258	8984455	8846895	1.68	cps
Holmium	165-2	4624705	4640332	4661416	4642151	0.40	cps
Indium	115-1	6111619	6293487	6331705	6245604	1.88	cps
Indium	115-2	1263130	1268024	1266775	1265976	0.20	cps
Iron	56-2	192618165	194153104	194605399	193792223	0.54	cps
Iron	57-2	4925246	4853133	4874111	4884163	0.76	cps
Krypton	83-1	337	267	340	314	13.17	cps
Lead	206-1	2781596	2764870	2744389	2763619	0.67	cps
Lead	207-1	2571205	2553555	2520098	2548286	1.02	cps
Lead	208-1	11620424	11549694	11525734	11565284	0.43	cps
Lithium	6-1	3098938	3157850	3112805	3123198	0.99	cps
Magnesium	24-2	40817241	40771577	40824232	40804350	0.07	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1158296	1169904	1174059	1167420	0.70	cps
Molybdenum	94-1	6657003	6617279	6630988	6635090	0.30	cps
Molybdenum	95-1	8081543	8079789	8119671	8093668	0.28	cps
Molybdenum	96-1	8967990	8976303	8988819	8977704	0.12	cps
Molybdenum	97-1	4912826	4855946	4871591	4880121	0.60	cps
Molybdenum	98-1	12961432	12918746	12898983	12926387	0.25	cps
Neodymium	150-1	607	607	613	609	0.63	cps
Neodymium	150-2	60	80	80	73	15.75	cps
Nickel	60-2	348167	351886	353840	351298	0.82	cps
Phosphorus	31-2	38308	38567	39662	38846	1.85	cps
Potassium	39-2	17981028	17986584	18038666	18002093	0.18	cps
Rhodium	103-1	5308769	5374901	5433579	5372416	1.16	cps
Rhodium	103-2	2468362	2481564	2485025	2478317	0.35	cps
Scandium	45-1	4367996	4505773	4523565	4465778	1.91	cps
Scandium	45-2	180124	180477	181661	180754	0.45	cps
Selenium	77-2	3260	3227	3077	3188	3.06	cps
Selenium	78-2	10739	10624	10739	10701	0.62	cps
Selenium	82-1	70986	70691	70322	70666	0.47	cps
Silicon	28-1	3431844	3534245	3602004	3522697	2.43	cps
Silver	109-1	4056411	3989034	4002118	4015854	0.89	cps
Silver	107-1	4171152	4154817	4110393	4145454	0.76	cps
Sodium	23-2	77102291	77034552	77328666	77155170	0.20	cps
Strontium	86-1	1100195	1081009	1085286	1088830	0.93	cps
Strontium	88-1	9666564	9626482	9570965	9621337	0.50	cps
Sulfur	34-1	676609	676199	668168	673659	0.71	cps
Terbium	159-1	8889712	9049253	9043795	8994253	1.01	cps
Terbium	159-2	4491042	4541234	4532724	4521667	0.59	cps
Thallium	203-1	3418515	3401314	3403066	3407632	0.28	cps
Thallium	205-1	8359437	8353668	8416027	8376377	0.41	cps
Thorium	232-1	13607860	13503384	13447206	13519483	0.60	cps
Tin	118-1	2710579	2710725	2697214	2706173	0.29	cps
Titanium	47-1	2442121	2421609	2401243	2421658	0.84	cps
Uranium	238-1	13225730	13272061	13099823	13199205	0.68	cps
Vanadium	51-2	737373	742448	750789	743537	0.91	cps
Yttrium	89-1	6710296	6846175	6852774	6803082	1.18	cps
Yttrium	89-2	970051	983197	972686	975311	0.71	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:12:08	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	348775	353275	353817	351956	0.79	cps
Zirconium	90-1	5643770	5607452	5656465	5635896	0.45	cps
Zirconium	91-1	1235343	1224098	1227700	1229047	0.47	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P7
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 16:16:46 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	250	233	283	25.64	cps
Antimony	121-1	1167	1142	1042	1117	5.92	cps
Arsenic	75-1	49	142	-31	53	162.32	cps
Barium	135-1	283	308	308	300	4.81	cps
Barium	137-1	633	542	425	533	19.58	cps
Beryllium	9-1	283	239	250	257	8.98	cps
Bismuth	209-1	6355235	6291479	6385790	6344168	0.76	cps
Bismuth	209-2	3513357	3594104	3581442	3562968	1.22	cps
Boron	10-1	5218	4968	4776	4987	4.44	cps
Boron	11-1	22693	21992	21933	22206	1.90	cps
Cadmium	111-1	2109	2240	2380	2243	6.03	cps
Cadmium	106-1	2784	3034	3234	3017	7.48	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Calcium	43-1	450	667	458	525	23.38	cps
Calcium	44-1	11789	10012	10271	10691	8.98	cps
Chromium	52-2	510	597	477	528	11.74	cps
Cobalt	59-2	143	107	93	114	22.62	cps
Copper	63-2	370	337	323	343	7.00	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	42	8	75	42	80.00	cps
Gadolinium	160-2	153	133	123	137	11.18	cps
Holmium	165-1	9024640	8947897	8967374	8979970	0.44	cps
Holmium	165-2	4675138	4709896	4740758	4708598	0.70	cps
Indium	115-1	6843584	6823876	6885241	6850900	0.46	cps
Indium	115-2	1382041	1410013	1410392	1400815	1.16	cps
Iron	56-2	15692	14502	13885	14693	6.25	cps
Iron	57-2	361	378	289	343	13.79	cps
Krypton	83-1	243	330	320	298	15.92	cps
Lead	206-1	1017	783	839	880	13.86	cps
Lead	207-1	789	933	833	852	8.69	cps
Lead	208-1	3750	3778	3623	3717	2.23	cps
Lithium	6-1	3358067	3356429	3342136	3352211	0.26	cps
Magnesium	24-2	2742	2475	2292	2503	9.04	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:16:46	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	140	123	140	11.90	cps
Molybdenum	94-1	1242	1208	1158	1203	3.49	cps
Molybdenum	95-1	1425	1600	1250	1425	12.28	cps
Molybdenum	96-1	1667	1292	1592	1517	13.08	cps
Molybdenum	97-1	883	783	708	792	11.09	cps
Molybdenum	98-1	2359	1900	1892	2050	13.03	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	53	53	33	47	24.75	cps
Phosphorus	31-2	108	142	150	133	16.54	cps
Potassium	39-2	13607	13782	14558	13982	3.62	cps
Rhodium	103-1	6134878	6191360	6259416	6195218	1.01	cps
Rhodium	103-2	2853012	2909989	2915291	2892764	1.19	cps
Scandium	45-1	4680084	4674811	4698689	4684528	0.27	cps
Scandium	45-2	189187	192673	191460	191107	0.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	41	43	38	15.55	cps
Selenium	82-1	34	-34	15	5	687.64	cps
Silicon	28-1	170167	168842	167871	168960	0.68	cps
Silver	109-1	708	633	617	653	7.48	cps
Silver	107-1	692	717	692	700	2.06	cps
Sodium	23-2	17811	17402	17019	17411	2.28	cps
Strontium	86-1	567	492	442	500	12.58	cps
Strontium	88-1	908	775	758	814	10.10	cps
Sulfur	34-1	260142	257793	258699	258878	0.46	cps
Terbium	159-1	9155727	9098026	9169514	9141089	0.41	cps
Terbium	159-2	4592555	4607509	4663781	4621281	0.81	cps
Thallium	203-1	1092	1067	817	992	15.34	cps
Thallium	205-1	2759	2334	2059	2384	14.80	cps
Thorium	232-1	2311	2278	2234	2274	1.72	cps
Tin	118-1	1108	1108	1100	1106	0.43	cps
Titanium	47-1	258	225	225	236	8.15	cps
Uranium	238-1	983	1017	833	945	10.34	cps
Vanadium	51-2	23	57	60	47	43.45	cps
Yttrium	89-1	7093551	7105456	7175678	7124895	0.62	cps
Yttrium	89-2	1024796	1033359	1037558	1031904	0.63	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:16:46	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	443	387	443	424	7.71	cps
Zirconium	90-1	1192	1150	950	1097	11.77	cps
Zirconium	91-1	217	225	275	239	13.21	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1809	2100	1942	1950	7.49	cps
Antimony	121-1	6260	7111	6635	6669	6.39	cps
Arsenic	75-1	11417	12448	13067	12311	6.77	cps
Barium	135-1	43051	43360	43327	43246	0.39	cps
Barium	137-1	76185	75975	75982	76047	0.16	cps
Beryllium	9-1	100	156	139	131	21.68	cps
Bismuth	209-1	7501566	7576410	7497849	7525275	0.59	cps
Bismuth	209-2	4045315	4065777	4066100	4059064	0.29	cps
Boron	10-1	32703	34624	32937	33421	3.14	cps
Boron	11-1	147227	149929	150180	149112	1.10	cps
Cadmium	111-1	2700	2497	2425	2541	5.60	cps
Cadmium	106-1	3617	3309	3167	3364	6.84	cps
Cadmium	108-1	88	63	42	64	35.92	cps
Calcium	43-1	1355362	1354132	1338492	1349329	0.70	cps
Calcium	44-1	22506222	22409990	22276648	22397620	0.51	cps
Chromium	52-2	19126	18936	18839	18967	0.77	cps
Cobalt	59-2	1350	1333	1367	1350	1.24	cps
Copper	63-2	3272388	3270637	3262517	3268514	0.16	cps
Dysprosium	156-1	83	83	83	83	0.00	cps
Dysprosium	156-2	40	43	80	54	40.77	cps
Erbium	164-1	158	208	192	186	13.68	cps
Erbium	164-2	77	80	117	91	24.36	cps
Gadolinium	160-1	158	142	125	142	11.76	cps
Gadolinium	160-2	217	210	190	206	6.75	cps
Holmium	165-1	10767668	10726121	10577929	10690573	0.93	cps
Holmium	165-2	5474393	5413453	5423885	5437244	0.60	cps
Indium	115-1	8225496	8111150	8023311	8119986	1.25	cps
Indium	115-2	1582661	1586925	1596062	1588549	0.43	cps
Iron	56-2	5846435	5763234	5728622	5779430	1.05	cps
Iron	57-2	146220	146731	149890	147614	1.35	cps
Krypton	83-1	243	360	323	309	19.31	cps
Lead	206-1	1461833	1448598	1443074	1451168	0.66	cps
Lead	207-1	1277652	1275881	1268353	1273962	0.39	cps
Lead	208-1	5802750	5791357	5778570	5790892	0.21	cps
Lithium	6-1	4043456	4012273	3968467	4008066	0.94	cps
Magnesium	24-2	3090587	3075065	3083476	3083043	0.25	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17457	17130	17591	17393	1.36	cps
Molybdenum	94-1	633	567	608	603	5.59	cps
Molybdenum	95-1	492	492	642	542	15.99	cps
Molybdenum	96-1	867	733	683	761	12.45	cps
Molybdenum	97-1	325	367	425	372	13.49	cps
Molybdenum	98-1	808	892	750	817	8.72	cps
Neodymium	150-1	87	67	73	76	13.48	cps
Neodymium	150-2	43	33	20	32	36.33	cps
Nickel	60-2	3847	3734	3817	3799	1.55	cps
Phosphorus	31-2	350	308	400	353	13.01	cps
Potassium	39-2	156989	159329	157645	157987	0.76	cps
Rhodium	103-1	7351583	7330859	7264443	7315628	0.62	cps
Rhodium	103-2	3229933	3247644	3263188	3246922	0.51	cps
Scandium	45-1	5802133	5776532	5675489	5751385	1.16	cps
Scandium	45-2	222634	220009	221581	221408	0.60	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	50	48	57	52	9.45	cps
Selenium	82-1	207	78	121	136	48.48	cps
Silicon	28-1	73472072	72561541	72515743	72849786	0.74	cps
Silver	109-1	8211	8253	7869	8111	2.60	cps
Silver	107-1	8570	8753	8603	8642	1.13	cps
Sodium	23-2	7245110	7186819	7155557	7195828	0.63	cps
Strontium	86-1	374810	370850	369123	371594	0.78	cps
Strontium	88-1	3203990	3180812	3189720	3191507	0.37	cps
Sulfur	34-1	618590	613487	612744	614941	0.52	cps
Terbium	159-1	10924558	10981457	10847051	10917689	0.62	cps
Terbium	159-2	5338621	5317268	5297870	5317920	0.38	cps
Thallium	203-1	1625	1650	1775	1684	4.77	cps
Thallium	205-1	4092	4059	3884	4012	2.79	cps
Thorium	232-1	533	622	550	569	8.31	cps
Tin	118-1	135248	131064	131909	132740	1.67	cps
Titanium	47-1	1483	1625	1567	1558	4.57	cps
Uranium	238-1	21343	21635	21276	21418	0.89	cps
Vanadium	51-2	15682	15612	15675	15656	0.25	cps
Yttrium	89-1	8635916	8629335	8517012	8594088	0.78	cps
Yttrium	89-2	1177773	1180896	1181877	1180182	0.18	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUP	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	257155	255940	255005	256034	0.42	cps
Zirconium	90-1	667	767	717	717	6.98	cps
Zirconium	91-1	125	158	158	147	13.07	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	333	350	328	7.77	cps
Antimony	121-1	1092	1133	983	1070	7.24	cps
Arsenic	75-1	2691	2822	2198	2570	12.79	cps
Barium	135-1	7302	7661	7869	7611	3.77	cps
Barium	137-1	13666	13182	13048	13299	2.44	cps
Beryllium	9-1	111	122	83	106	18.98	cps
Bismuth	209-1	6962380	6574828	6584608	6707272	3.29	cps
Bismuth	209-2	3594603	3645011	3691582	3643732	1.33	cps
Boron	10-1	7977	8536	8453	8322	3.62	cps
Boron	11-1	36178	36837	37163	36726	1.37	cps
Cadmium	111-1	2277	2229	2303	2270	1.67	cps
Cadmium	106-1	3225	3100	3251	3192	2.52	cps
Cadmium	108-1	21	0	38	19	96.63	cps
Calcium	43-1	236525	236494	238188	237069	0.41	cps
Calcium	44-1	3745449	3804071	3791994	3780505	0.82	cps
Chromium	52-2	3667	3731	3711	3703	0.87	cps
Cobalt	59-2	233	247	253	244	4.17	cps
Copper	63-2	586318	596946	601909	595057	1.34	cps
Dysprosium	156-1	0	50	25	25	100.00	cps
Dysprosium	156-2	10	13	0	8	89.21	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	50	43	50	48	8.06	cps
Gadolinium	160-1	83	33	75	64	41.93	cps
Gadolinium	160-2	127	143	150	140	8.58	cps
Holmium	165-1	9941400	9380391	9364594	9562129	3.44	cps
Holmium	165-2	4770916	4856905	4899417	4842412	1.35	cps
Indium	115-1	7689968	7238408	7274423	7400933	3.39	cps
Indium	115-2	1421455	1442813	1469883	1444717	1.68	cps
Iron	56-2	1023383	1036592	1032147	1030708	0.65	cps
Iron	57-2	26697	27053	26530	26760	1.00	cps
Krypton	83-1	357	277	263	299	16.89	cps
Lead	206-1	261392	261358	257112	259954	0.95	cps
Lead	207-1	229333	229105	225422	227954	0.96	cps
Lead	208-1	1048431	1043183	1035123	1042246	0.64	cps
Lithium	6-1	3587995	3402813	3414411	3468406	2.99	cps
Magnesium	24-2	539988	550016	548912	546305	1.01	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3230	3170	3027	3143	3.33	cps
Molybdenum	94-1	250	367	258	292	22.31	cps
Molybdenum	95-1	133	192	200	175	20.76	cps
Molybdenum	96-1	350	308	275	311	12.08	cps
Molybdenum	97-1	150	67	158	125	40.55	cps
Molybdenum	98-1	358	317	267	314	14.62	cps
Neodymium	150-1	0	7	33	13	132.27	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	640	590	703	644	8.81	cps
Phosphorus	31-2	183	150	133	156	16.37	cps
Potassium	39-2	37974	38835	39604	38804	2.10	cps
Rhodium	103-1	6961098	6578264	6588444	6709269	3.25	cps
Rhodium	103-2	2945363	2957569	3025800	2976244	1.46	cps
Scandium	45-1	5255189	5021551	5033835	5103525	2.58	cps
Scandium	45-2	194711	197450	199720	197294	1.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	61	43	44	49	20.66	cps
Selenium	82-1	-26	70	69	38	145.85	cps
Silicon	28-1	12503143	12525496	12553751	12527463	0.20	cps
Silver	109-1	1492	1467	1475	1478	0.86	cps
Silver	107-1	1734	1584	1675	1664	4.54	cps
Sodium	23-2	1245652	1247458	1267279	1253463	0.96	cps
Strontium	86-1	64252	65466	64663	64794	0.95	cps
Strontium	88-1	562584	564978	559339	562300	0.50	cps
Sulfur	34-1	316393	318532	320154	318360	0.59	cps
Terbium	159-1	10253148	9573161	9653460	9826590	3.78	cps
Terbium	159-2	4714193	4735296	4840258	4763249	1.42	cps
Thallium	203-1	575	525	542	547	4.65	cps
Thallium	205-1	1158	992	933	1028	11.36	cps
Thorium	232-1	450	417	367	411	10.20	cps
Tin	118-1	24532	23261	23512	23769	2.83	cps
Titanium	47-1	333	442	342	372	16.20	cps
Uranium	238-1	3876	3367	3792	3678	7.41	cps
Vanadium	51-2	2624	2674	2777	2691	2.91	cps
Yttrium	89-1	8007257	7555157	7599328	7720581	3.23	cps
Yttrium	89-2	1054488	1062760	1084498	1067249	1.45	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LX5	Instrumnet Name :	P7
Client Sample ID :	381228055.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-08 16:25:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42783	44779	44642	44068	2.53	cps
Zirconium	90-1	508	658	675	614	14.95	cps
Zirconium	91-1	125	150	83	119	28.20	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163932	164040	163627	163866	0.13	cps
Antimony	121-1	4809873	4808287	4849853	4822671	0.49	cps
Arsenic	75-1	1449189	1448445	1479830	1459155	1.23	cps
Barium	135-1	440417	439657	440826	440300	0.13	cps
Barium	137-1	767130	772374	774358	771287	0.48	cps
Beryllium	9-1	563516	558694	556267	559492	0.66	cps
Bismuth	209-1	7366754	7356362	7362106	7361740	0.07	cps
Bismuth	209-2	3952279	4008362	3975387	3978676	0.71	cps
Boron	10-1	174368	176004	181054	177142	1.97	cps
Boron	11-1	765849	779788	796047	780561	1.94	cps
Cadmium	111-1	556796	560745	566690	561410	0.89	cps
Cadmium	106-1	188318	191782	191984	190695	1.08	cps
Cadmium	108-1	31201	31419	31677	31432	0.76	cps
Calcium	43-1	1318194	1326654	1328174	1324341	0.41	cps
Calcium	44-1	22078614	22152317	22066339	22099090	0.21	cps
Chromium	52-2	883732	883374	890410	885839	0.45	cps
Cobalt	59-2	701285	700839	704477	702200	0.28	cps
Copper	63-2	3819188	3841151	3847853	3836064	0.39	cps
Dysprosium	156-1	520149	517579	515979	517903	0.41	cps
Dysprosium	156-2	143985	146857	147289	146044	1.23	cps
Erbium	164-1	267	450	233	317	36.84	cps
Erbium	164-2	187	123	143	151	21.42	cps
Gadolinium	160-1	325	275	375	325	15.39	cps
Gadolinium	160-2	263	243	327	278	15.66	cps
Holmium	165-1	10620031	10616908	10566174	10601037	0.29	cps
Holmium	165-2	5329845	5356433	5330259	5338846	0.29	cps
Indium	115-1	7890802	7886080	7913938	7896940	0.19	cps
Indium	115-2	1517749	1529052	1522223	1523008	0.37	cps
Iron	56-2	11183336	11081569	11093521	11119475	0.50	cps
Iron	57-2	282752	282228	284985	283322	0.52	cps
Krypton	83-1	327	307	303	312	4.04	cps
Lead	206-1	8568298	8649006	8765798	8661034	1.15	cps
Lead	207-1	7697538	7797353	7798787	7764559	0.75	cps
Lead	208-1	35016949	35217492	35279772	35171404	0.39	cps
Lithium	6-1	3822643	3813570	3793356	3809856	0.39	cps
Magnesium	24-2	3316693	3302464	3314671	3311276	0.23	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	292659	290751	296432	293281	0.99	cps
Molybdenum	94-1	755200	760696	768627	761508	0.89	cps
Molybdenum	95-1	1335739	1351559	1346502	1344600	0.60	cps
Molybdenum	96-1	1431107	1430746	1429616	1430490	0.05	cps
Molybdenum	97-1	844467	836428	842574	841156	0.50	cps
Molybdenum	98-1	2153359	2141390	2151216	2148655	0.30	cps
Neodymium	150-1	127	167	100	131	25.59	cps
Neodymium	150-2	30	43	57	43	30.77	cps
Nickel	60-2	452464	454285	456417	454388	0.44	cps
Phosphorus	31-2	29689	28987	29438	29372	1.21	cps
Potassium	39-2	1845385	1831892	1842134	1839804	0.38	cps
Rhodium	103-1	7173672	7095961	7158270	7142635	0.58	cps
Rhodium	103-2	3123155	3165316	3142713	3143728	0.67	cps
Scandium	45-1	5558016	5583655	5545828	5562500	0.35	cps
Scandium	45-2	213370	215204	214060	214211	0.43	cps
Selenium	77-2	17434	17481	17417	17444	0.19	cps
Selenium	78-2	58447	58586	59077	58703	0.56	cps
Selenium	82-1	403047	403898	405885	404276	0.36	cps
Silicon	28-1	74363764	74109416	74130712	74201297	0.19	cps
Silver	109-1	749879	748357	748634	748957	0.11	cps
Silver	107-1	772774	776019	773733	774175	0.22	cps
Sodium	23-2	7955696	7948760	7936967	7947141	0.12	cps
Strontium	86-1	883327	881895	892218	885813	0.63	cps
Strontium	88-1	7908726	7976540	7997652	7960973	0.58	cps
Sulfur	34-1	586044	583913	584371	584776	0.19	cps
Terbium	159-1	10774964	10812656	10765676	10784432	0.23	cps
Terbium	159-2	5242924	5267105	5233044	5247691	0.33	cps
Thallium	203-1	17716270	17875249	17872988	17821502	0.51	cps
Thallium	205-1	41765570	42361282	42310272	42145708	0.78	cps
Thorium	232-1	733	711	722	722	1.54	cps
Tin	118-1	4048704	4058826	4085761	4064430	0.47	cps
Titanium	47-1	211054	215085	211919	212686	1.00	cps
Uranium	238-1	21076	20976	20642	20898	1.09	cps
Vanadium	51-2	537930	539579	538785	538765	0.15	cps
Yttrium	89-1	366232835	367999195	370393768	368208599	0.57	cps
Yttrium	89-2	50202386	50136064	50263456	50200635	0.13	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MS	Instrumnet Name :	P7
Client Sample ID :	381228055.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:29:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333433	333021	334393	333616	0.21	cps
Zirconium	90-1	6418	5868	5318	5868	9.38	cps
Zirconium	91-1	1742	1533	1583	1620	6.72	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160258	159441	159001	159567	0.40	cps
Antimony	121-1	4904249	4884509	4833502	4874087	0.75	cps
Arsenic	75-1	1463405	1439667	1439777	1447616	0.94	cps
Barium	135-1	440785	439777	432830	437797	0.99	cps
Barium	137-1	772761	769240	765440	769147	0.48	cps
Beryllium	9-1	545496	537753	538477	540575	0.79	cps
Bismuth	209-1	7504233	7343611	7221540	7356461	1.93	cps
Bismuth	209-2	3931292	3976622	3999852	3969255	0.88	cps
Boron	10-1	173248	172868	179435	175184	2.10	cps
Boron	11-1	768115	773295	792071	777827	1.62	cps
Cadmium	111-1	568259	565149	561444	564951	0.60	cps
Cadmium	106-1	194249	196952	194712	195304	0.74	cps
Cadmium	108-1	30792	30600	29932	30441	1.48	cps
Calcium	43-1	1313795	1310338	1304091	1309408	0.38	cps
Calcium	44-1	21612021	21562049	21493942	21556004	0.27	cps
Chromium	52-2	869366	877059	868820	871748	0.53	cps
Cobalt	59-2	680899	684874	687775	684516	0.50	cps
Copper	63-2	3755299	3757316	3769547	3760721	0.21	cps
Dysprosium	156-1	515272	516551	502615	511480	1.51	cps
Dysprosium	156-2	140645	143177	144328	142716	1.32	cps
Erbium	164-1	342	350	367	353	3.61	cps
Erbium	164-2	117	133	150	133	12.50	cps
Gadolinium	160-1	308	275	233	272	13.80	cps
Gadolinium	160-2	290	270	213	258	15.43	cps
Holmium	165-1	10609177	10464426	10380152	10484585	1.10	cps
Holmium	165-2	5354448	5293409	5333295	5327051	0.58	cps
Indium	115-1	7927648	7845657	7657406	7810237	1.77	cps
Indium	115-2	1515205	1509969	1528757	1517977	0.64	cps
Iron	56-2	11154993	11108727	11067011	11110243	0.40	cps
Iron	57-2	283809	281921	283008	282913	0.33	cps
Krypton	83-1	357	330	337	341	4.07	cps
Lead	206-1	8608547	8585000	8471958	8555168	0.85	cps
Lead	207-1	7703130	7693940	7665077	7687383	0.26	cps
Lead	208-1	34967920	34934447	34763182	34888516	0.31	cps
Lithium	6-1	3796735	3667219	3577963	3680639	2.99	cps
Magnesium	24-2	3247234	3229862	3242855	3239983	0.28	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	291569	288520	288303	289464	0.63	cps
Molybdenum	94-1	771515	764553	752764	762944	1.24	cps
Molybdenum	95-1	1346421	1343877	1335639	1341979	0.42	cps
Molybdenum	96-1	1436564	1427422	1427321	1430435	0.37	cps
Molybdenum	97-1	836415	825573	834762	832250	0.70	cps
Molybdenum	98-1	2154381	2138971	2136403	2143252	0.45	cps
Neodymium	150-1	113	153	207	158	29.68	cps
Neodymium	150-2	47	67	53	56	18.33	cps
Nickel	60-2	441441	446953	446192	444862	0.67	cps
Phosphorus	31-2	28269	29489	28795	28851	2.12	cps
Potassium	39-2	1796453	1804511	1811848	1804271	0.43	cps
Rhodium	103-1	7162320	7051625	6889152	7034366	1.95	cps
Rhodium	103-2	3120958	3137525	3157985	3138823	0.59	cps
Scandium	45-1	5583978	5482927	5359648	5475517	2.05	cps
Scandium	45-2	211239	209099	212531	210957	0.82	cps
Selenium	77-2	17477	17204	17371	17351	0.79	cps
Selenium	78-2	57247	57432	57898	57526	0.58	cps
Selenium	82-1	403877	404477	401795	403383	0.35	cps
Silicon	28-1	72368870	71936637	71897164	72067557	0.36	cps
Silver	109-1	750767	750207	737070	746015	1.04	cps
Silver	107-1	777723	775908	769520	774384	0.56	cps
Sodium	23-2	7700266	7753072	7687314	7713551	0.45	cps
Strontium	86-1	893493	873206	876635	881111	1.23	cps
Strontium	88-1	7816430	7794861	7900085	7837125	0.71	cps
Sulfur	34-1	559509	558056	557229	558265	0.21	cps
Terbium	159-1	10965445	10733775	10457850	10719023	2.37	cps
Terbium	159-2	5248563	5217381	5269161	5245035	0.50	cps
Thallium	203-1	17525851	17571089	17676364	17591102	0.44	cps
Thallium	205-1	41840018	41712279	41557737	41703345	0.34	cps
Thorium	232-1	945	839	833	872	7.18	cps
Tin	118-1	4072285	4072892	4036126	4060435	0.52	cps
Titanium	47-1	210904	211452	207344	209900	1.06	cps
Uranium	238-1	20458	20684	20926	20689	1.13	cps
Vanadium	51-2	530199	527824	530165	529396	0.26	cps
Yttrium	89-1	363106061	362748768	364453528	363436119	0.25	cps
Yttrium	89-2	50000359	49557693	49435648	49664566	0.60	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSD	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:32:50	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	326397	327288	327446	327044	0.17	cps
Zirconium	90-1	4668	4451	4151	4423	5.87	cps
Zirconium	91-1	1425	1417	1333	1392	3.64	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158556	158362	157851	158256	0.23	cps
Antimony	121-1	4877020	4839548	4789255	4835274	0.91	cps
Arsenic	75-1	1450327	1439805	1409856	1433329	1.47	cps
Barium	135-1	438506	435330	428647	434161	1.16	cps
Barium	137-1	767741	760287	757440	761823	0.70	cps
Beryllium	9-1	539157	536615	529888	535220	0.89	cps
Bismuth	209-1	7290303	7302788	7266986	7286692	0.25	cps
Bismuth	209-2	3911159	3896634	3909597	3905797	0.20	cps
Boron	10-1	172634	176057	174344	174345	0.98	cps
Boron	11-1	761877	769427	769956	767086	0.59	cps
Cadmium	111-1	567354	561998	553788	561047	1.22	cps
Cadmium	106-1	194871	193773	190490	193045	1.18	cps
Cadmium	108-1	30362	30746	30650	30586	0.65	cps
Calcium	43-1	1315688	1297067	1284376	1299044	1.21	cps
Calcium	44-1	21446281	21387875	21272290	21368815	0.41	cps
Chromium	52-2	858396	864362	861533	861430	0.35	cps
Cobalt	59-2	684177	681145	680782	682035	0.27	cps
Copper	63-2	3707810	3721947	3692012	3707256	0.40	cps
Dysprosium	156-1	506763	500189	494864	500605	1.19	cps
Dysprosium	156-2	142503	141717	143308	142509	0.56	cps
Erbium	164-1	383	325	333	347	9.09	cps
Erbium	164-2	163	137	177	159	12.82	cps
Gadolinium	160-1	233	367	258	286	24.77	cps
Gadolinium	160-2	277	297	233	269	12.04	cps
Holmium	165-1	10339038	10413404	10388896	10380446	0.37	cps
Holmium	165-2	5263059	5215136	5219994	5232730	0.50	cps
Indium	115-1	7731373	7679447	7652702	7687841	0.52	cps
Indium	115-2	1485007	1486465	1475861	1482444	0.39	cps
Iron	56-2	10918560	10829428	10740562	10829517	0.82	cps
Iron	57-2	278308	275372	274937	276205	0.66	cps
Krypton	83-1	287	287	333	302	8.91	cps
Lead	206-1	8635623	8547443	8521020	8568029	0.70	cps
Lead	207-1	7742092	7656885	7678402	7692460	0.58	cps
Lead	208-1	35097864	34733407	34748682	34859984	0.59	cps
Lithium	6-1	3618263	3583204	3565472	3588980	0.75	cps
Magnesium	24-2	3186191	3216593	3181752	3194846	0.59	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287130	285602	288085	286939	0.44	cps
Molybdenum	94-1	762694	756317	749333	756115	0.88	cps
Molybdenum	95-1	1342676	1334300	1329256	1335411	0.51	cps
Molybdenum	96-1	1427410	1410386	1420437	1419411	0.60	cps
Molybdenum	97-1	833219	830617	827227	830355	0.36	cps
Molybdenum	98-1	2141600	2135460	2101264	2126108	1.02	cps
Neodymium	150-1	180	127	207	171	23.81	cps
Neodymium	150-2	40	53	40	44	17.32	cps
Nickel	60-2	439121	441055	438264	439480	0.33	cps
Phosphorus	31-2	27860	27610	28970	28147	2.57	cps
Potassium	39-2	1783733	1768349	1778835	1776972	0.44	cps
Rhodium	103-1	6955750	7009335	6900665	6955250	0.78	cps
Rhodium	103-2	3053880	3068586	3080240	3067569	0.43	cps
Scandium	45-1	5335963	5364031	5328476	5342823	0.35	cps
Scandium	45-2	205065	205371	203842	204760	0.40	cps
Selenium	77-2	17117	17094	17050	17087	0.20	cps
Selenium	78-2	57017	57125	57710	57284	0.65	cps
Selenium	82-1	402123	396308	398848	399093	0.73	cps
Silicon	28-1	71530845	71023737	70692143	71082242	0.59	cps
Silver	109-1	753192	744339	742141	746558	0.78	cps
Silver	107-1	778254	771404	762076	770578	1.05	cps
Sodium	23-2	7667544	7607435	7601650	7625543	0.48	cps
Strontium	86-1	872168	867826	865357	868450	0.40	cps
Strontium	88-1	7789968	7798682	7783090	7790580	0.10	cps
Sulfur	34-1	554661	550842	544937	550147	0.89	cps
Terbium	159-1	10612209	10629772	10568851	10603611	0.30	cps
Terbium	159-2	5097190	5139013	5157495	5131233	0.60	cps
Thallium	203-1	17603029	17745664	17475904	17608199	0.77	cps
Thallium	205-1	41742733	41875777	41557362	41725291	0.38	cps
Thorium	232-1	556	539	483	526	7.19	cps
Tin	118-1	4082614	4044310	4020574	4049166	0.77	cps
Titanium	47-1	209321	207590	204735	207215	1.12	cps
Uranium	238-1	20592	21118	20776	20829	1.28	cps
Vanadium	51-2	520144	523778	524187	522703	0.43	cps
Yttrium	89-1	360499381	360474928	359921141	360298484	0.09	cps
Yttrium	89-2	49262318	48822493	48411246	48832019	0.87	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01A	Instrumnet Name :	P7
Client Sample ID :	381228055.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 16:36:26	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	325768	327010	322528	325102	0.71	cps
Zirconium	90-1	4067	4226	3876	4056	4.32	cps
Zirconium	91-1	1425	1392	1300	1372	4.72	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75549	75222	75802	75524	0.38	cps
Antimony	121-1	2315896	2290779	2286852	2297842	0.69	cps
Arsenic	75-1	646821	650246	637894	644987	0.99	cps
Barium	135-1	201912	192936	198353	197734	2.29	cps
Barium	137-1	351168	346237	348647	348684	0.71	cps
Beryllium	9-1	247503	247857	245673	247011	0.47	cps
Bismuth	209-1	6613374	6644124	6632329	6629943	0.23	cps
Bismuth	209-2	3767890	3742689	3730827	3747135	0.51	cps
Boron	10-1	81863	81888	83790	82514	1.34	cps
Boron	11-1	357414	365902	369453	364256	1.70	cps
Cadmium	111-1	256384	254369	253059	254604	0.66	cps
Cadmium	106-1	87965	87998	87335	87766	0.43	cps
Cadmium	108-1	14424	13945	13903	14091	2.06	cps
Calcium	43-1	604415	595591	599793	599933	0.74	cps
Calcium	44-1	9773887	9731968	9807188	9771014	0.39	cps
Chromium	52-2	407452	408928	408891	408424	0.21	cps
Cobalt	59-2	325504	322535	323837	323959	0.46	cps
Copper	63-2	1793712	1796706	1807731	1799383	0.41	cps
Dysprosium	156-1	232490	235249	230917	232885	0.94	cps
Dysprosium	156-2	67046	68630	69448	68375	1.79	cps
Erbium	164-1	200	158	117	158	26.32	cps
Erbium	164-2	73	103	97	91	17.29	cps
Gadolinium	160-1	150	167	92	136	28.93	cps
Gadolinium	160-2	240	170	203	204	17.13	cps
Holmium	165-1	9492410	9562283	9465071	9506588	0.53	cps
Holmium	165-2	5058198	5000276	4982295	5013589	0.79	cps
Indium	115-1	7165926	7134557	7111194	7137226	0.38	cps
Indium	115-2	1448920	1439517	1430999	1439812	0.62	cps
Iron	56-2	5183422	5117250	5143115	5147929	0.65	cps
Iron	57-2	129690	130671	131170	130510	0.58	cps
Krypton	83-1	307	240	290	279	12.44	cps
Lead	206-1	3741272	3761674	3724177	3742374	0.50	cps
Lead	207-1	3389056	3384728	3360173	3377986	0.46	cps
Lead	208-1	15662369	15717931	15677048	15685782	0.18	cps
Lithium	6-1	3322937	3296879	3297769	3305862	0.45	cps
Magnesium	24-2	1546108	1519259	1534023	1533130	0.88	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135931	134532	137849	136104	1.22	cps
Molybdenum	94-1	344619	345785	346479	345628	0.27	cps
Molybdenum	95-1	618213	603355	604291	608620	1.37	cps
Molybdenum	96-1	654856	644636	649770	649754	0.79	cps
Molybdenum	97-1	380295	375558	379964	378605	0.70	cps
Molybdenum	98-1	972859	976817	973150	974275	0.23	cps
Neodymium	150-1	53	93	80	76	26.95	cps
Neodymium	150-2	10	20	40	23	65.47	cps
Nickel	60-2	212341	210326	211549	211405	0.48	cps
Phosphorus	31-2	13190	13607	13306	13368	1.61	cps
Potassium	39-2	847461	853490	851647	850866	0.36	cps
Rhodium	103-1	6394434	6468282	6400218	6420978	0.64	cps
Rhodium	103-2	2987013	2972974	2948475	2969487	0.66	cps
Scandium	45-1	4911976	4864879	4862575	4879810	0.57	cps
Scandium	45-2	198361	197723	196380	197488	0.51	cps
Selenium	77-2	7715	7575	8066	7786	3.24	cps
Selenium	78-2	26112	25790	25853	25918	0.66	cps
Selenium	82-1	174456	173275	173577	173769	0.35	cps
Silicon	28-1	33030173	32762009	32874502	32888894	0.41	cps
Silver	109-1	348774	346750	344212	346578	0.66	cps
Silver	107-1	360982	355770	356494	357749	0.79	cps
Sodium	23-2	3623594	3551903	3618012	3597837	1.11	cps
Strontium	86-1	403154	394411	396460	398008	1.15	cps
Strontium	88-1	3446789	3426747	3438597	3437378	0.29	cps
Sulfur	34-1	378777	376308	376717	377267	0.35	cps
Terbium	159-1	9710113	9718591	9661544	9696750	0.32	cps
Terbium	159-2	4914418	4928142	4867478	4903346	0.65	cps
Thallium	203-1	8016229	8106845	8116830	8079968	0.69	cps
Thallium	205-1	19018546	19273304	19362880	19218243	0.93	cps
Thorium	232-1	272	267	239	259	6.89	cps
Tin	118-1	1878363	1848407	1868395	1865055	0.82	cps
Titanium	47-1	95432	95373	95693	95499	0.18	cps
Uranium	238-1	9445	9462	9521	9476	0.42	cps
Vanadium	51-2	246701	247528	248430	247553	0.35	cps
Yttrium	89-1	167896151	167364994	168146827	167802657	0.24	cps
Yttrium	89-2	23683091	23599180	23568365	23616879	0.25	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:43:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	150617	150627	151655	150966	0.39	cps
Zirconium	90-1	2309	2317	1934	2186	10.02	cps
Zirconium	91-1	550	633	742	642	14.98	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74980	75683	73255	74639	1.67	cps
Antimony	121-1	2312329	2308000	2309030	2309786	0.10	cps
Arsenic	75-1	649579	641866	627921	639789	1.72	cps
Barium	135-1	198091	198533	199131	198585	0.26	cps
Barium	137-1	348101	346423	351557	348694	0.75	cps
Beryllium	9-1	245333	243595	243737	244222	0.40	cps
Bismuth	209-1	6676126	6707811	6785733	6723223	0.84	cps
Bismuth	209-2	3689866	3716710	3706896	3704490	0.37	cps
Boron	10-1	82106	82424	83547	82692	0.92	cps
Boron	11-1	361477	363629	364404	363170	0.42	cps
Cadmium	111-1	257744	254065	255663	255824	0.72	cps
Cadmium	106-1	90824	90027	91411	90754	0.77	cps
Cadmium	108-1	13694	14066	13661	13807	1.63	cps
Calcium	43-1	596423	588817	584667	589969	1.01	cps
Calcium	44-1	9678555	9688366	9696108	9687676	0.09	cps
Chromium	52-2	403110	405294	402718	403707	0.34	cps
Cobalt	59-2	320127	320829	321856	320937	0.27	cps
Copper	63-2	1771821	1768462	1766015	1768766	0.16	cps
Dysprosium	156-1	232354	231152	232003	231836	0.27	cps
Dysprosium	156-2	67099	67568	67260	67309	0.35	cps
Erbium	164-1	167	233	158	186	22.09	cps
Erbium	164-2	100	80	70	83	18.33	cps
Gadolinium	160-1	175	200	133	169	19.88	cps
Gadolinium	160-2	190	160	237	196	19.76	cps
Holmium	165-1	9487214	9635128	9644802	9589048	0.92	cps
Holmium	165-2	4903157	4979408	4937540	4940035	0.77	cps
Indium	115-1	7137949	7193889	7167720	7166519	0.39	cps
Indium	115-2	1395836	1421753	1417163	1411584	0.98	cps
Iron	56-2	5173272	5189679	5084801	5149251	1.10	cps
Iron	57-2	130776	132111	129062	130650	1.17	cps
Krypton	83-1	263	270	327	287	12.14	cps
Lead	206-1	3769054	3748762	3737538	3751784	0.43	cps
Lead	207-1	3385820	3365167	3372474	3374487	0.31	cps
Lead	208-1	15746175	15709629	15766982	15740929	0.18	cps
Lithium	6-1	3320220	3336876	3312621	3323239	0.37	cps
Magnesium	24-2	1510804	1528690	1518657	1519384	0.59	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	134932	134582	134296	134603	0.24	cps
Molybdenum	94-1	346243	345998	345948	346063	0.05	cps
Molybdenum	95-1	614939	610536	602980	609485	0.99	cps
Molybdenum	96-1	649479	646644	647702	647942	0.22	cps
Molybdenum	97-1	377035	380729	373000	376921	1.03	cps
Molybdenum	98-1	973599	974612	971074	973095	0.19	cps
Neodymium	150-1	67	47	40	51	27.15	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	208774	209018	208913	208901	0.06	cps
Phosphorus	31-2	13799	12923	12798	13173	4.14	cps
Potassium	39-2	837108	849058	829103	838423	1.20	cps
Rhodium	103-1	6459691	6506230	6493983	6486635	0.37	cps
Rhodium	103-2	2889252	2943964	2923300	2918839	0.95	cps
Scandium	45-1	4880806	4919531	4914408	4904915	0.43	cps
Scandium	45-2	192684	195988	192024	193565	1.10	cps
Selenium	77-2	7382	7499	7799	7560	2.84	cps
Selenium	78-2	25480	25832	25346	25553	0.98	cps
Selenium	82-1	172567	172751	172793	172704	0.07	cps
Silicon	28-1	32634443	32508480	32484452	32542458	0.25	cps
Silver	109-1	348221	346031	341425	345226	1.00	cps
Silver	107-1	352445	356300	351309	353351	0.74	cps
Sodium	23-2	3553317	3554005	3546896	3551406	0.11	cps
Strontium	86-1	398368	398106	397749	398074	0.08	cps
Strontium	88-1	3431944	3396381	3410947	3413091	0.52	cps
Sulfur	34-1	377179	371023	374446	374216	0.82	cps
Terbium	159-1	9659342	9836219	9817640	9771067	0.99	cps
Terbium	159-2	4797640	4876824	4827823	4834096	0.83	cps
Thallium	203-1	8074728	8098282	8108670	8093893	0.21	cps
Thallium	205-1	19238568	19180701	19294126	19237798	0.29	cps
Thorium	232-1	189	239	250	226	14.41	cps
Tin	118-1	1856491	1859342	1869006	1861613	0.35	cps
Titanium	47-1	95291	95215	94854	95120	0.25	cps
Uranium	238-1	10029	9729	9079	9612	5.06	cps
Vanadium	51-2	243286	246477	242960	244241	0.80	cps
Yttrium	89-1	166553304	167309904	166827701	166896970	0.23	cps
Yttrium	89-2	23394888	23558070	23378785	23443914	0.42	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01MSDDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:47:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	148031	148870	150065	148989	0.69	cps
Zirconium	90-1	2117	2267	1950	2111	7.50	cps
Zirconium	91-1	767	733	642	714	9.07	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75601	74653	75608	75287	0.73	cps
Antimony	121-1	2291374	2302412	2283985	2292590	0.40	cps
Arsenic	75-1	642427	634967	645843	641079	0.87	cps
Barium	135-1	197617	198000	198234	197950	0.16	cps
Barium	137-1	347617	350705	348611	348978	0.45	cps
Beryllium	9-1	244279	243849	242403	243510	0.40	cps
Bismuth	209-1	6705924	6679221	6657838	6680994	0.36	cps
Bismuth	209-2	3658487	3714992	3678679	3684052	0.78	cps
Boron	10-1	80891	81880	82667	81813	1.09	cps
Boron	11-1	353034	359869	367363	360089	1.99	cps
Cadmium	111-1	257203	256164	253892	255753	0.66	cps
Cadmium	106-1	91663	90874	89264	90600	1.35	cps
Cadmium	108-1	13899	14303	13903	14035	1.66	cps
Calcium	43-1	590709	592286	587530	590175	0.41	cps
Calcium	44-1	9677303	9693528	9625599	9665476	0.37	cps
Chromium	52-2	403448	408355	404640	405481	0.63	cps
Cobalt	59-2	318248	321773	322227	320749	0.68	cps
Copper	63-2	1770345	1784261	1771363	1775323	0.44	cps
Dysprosium	156-1	237201	230966	231764	233310	1.45	cps
Dysprosium	156-2	67692	68623	67820	68045	0.74	cps
Erbium	164-1	133	117	142	131	9.75	cps
Erbium	164-2	77	67	83	76	11.10	cps
Gadolinium	160-1	167	158	200	175	12.60	cps
Gadolinium	160-2	210	240	230	227	6.74	cps
Holmium	165-1	9520475	9549667	9530477	9533540	0.16	cps
Holmium	165-2	4908881	4955666	4928277	4930941	0.48	cps
Indium	115-1	7117439	7153422	7151721	7140861	0.28	cps
Indium	115-2	1412240	1414715	1428747	1418567	0.63	cps
Iron	56-2	5114029	5125469	5089819	5109772	0.36	cps
Iron	57-2	131163	131831	131024	131339	0.33	cps
Krypton	83-1	277	277	287	280	2.06	cps
Lead	206-1	3749940	3767805	3724712	3747486	0.58	cps
Lead	207-1	3383258	3368358	3359465	3370360	0.36	cps
Lead	208-1	15707420	15761006	15683656	15717361	0.25	cps
Lithium	6-1	3271847	3271370	3245523	3262913	0.46	cps
Magnesium	24-2	1516427	1519778	1500369	1512192	0.69	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	134753	134938	134845	134845	0.07	cps
Molybdenum	94-1	344728	346390	344230	345116	0.33	cps
Molybdenum	95-1	604392	604469	603726	604196	0.07	cps
Molybdenum	96-1	647603	642202	647385	645730	0.47	cps
Molybdenum	97-1	376063	381134	375636	377611	0.81	cps
Molybdenum	98-1	976553	973587	971634	973925	0.25	cps
Neodymium	150-1	80	73	73	76	5.09	cps
Neodymium	150-2	27	30	27	28	6.92	cps
Nickel	60-2	208879	209788	208835	209167	0.26	cps
Phosphorus	31-2	13014	12798	13281	13031	1.86	cps
Potassium	39-2	841820	838982	841865	840889	0.20	cps
Rhodium	103-1	6480811	6469113	6437484	6462469	0.35	cps
Rhodium	103-2	2908625	2919003	2925105	2917578	0.29	cps
Scandium	45-1	4903768	4904869	4830334	4879657	0.88	cps
Scandium	45-2	190852	192108	192688	191883	0.49	cps
Selenium	77-2	7372	7505	7439	7439	0.90	cps
Selenium	78-2	25057	25769	25202	25343	1.49	cps
Selenium	82-1	174063	173157	172772	173331	0.38	cps
Silicon	28-1	32391616	32553189	32336362	32427056	0.35	cps
Silver	109-1	343508	344167	340767	342814	0.53	cps
Silver	107-1	355166	357803	352738	355236	0.71	cps
Sodium	23-2	3526432	3562134	3500234	3529600	0.88	cps
Strontium	86-1	398828	398190	394996	397338	0.52	cps
Strontium	88-1	3417921	3412870	3362507	3397766	0.90	cps
Sulfur	34-1	376106	371395	376120	374540	0.73	cps
Terbium	159-1	9717040	9712221	9634870	9688044	0.48	cps
Terbium	159-2	4802494	4850926	4840220	4831213	0.53	cps
Thallium	203-1	7993773	8069016	8061493	8041428	0.52	cps
Thallium	205-1	19052948	19233705	19071521	19119391	0.52	cps
Thorium	232-1	206	239	278	241	15.02	cps
Tin	118-1	1872798	1870825	1857583	1867068	0.44	cps
Titanium	47-1	94744	95768	93747	94753	1.07	cps
Uranium	238-1	9554	9554	9787	9632	1.40	cps
Vanadium	51-2	245350	244464	245801	245205	0.28	cps
Yttrium	89-1	166392048	167495498	165654154	166513900	0.56	cps
Yttrium	89-2	23457418	23477499	23440969	23458629	0.08	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:50:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	148765	149415	148856	149012	0.24	cps
Zirconium	90-1	2134	2284	1809	2075	11.70	cps
Zirconium	91-1	600	592	767	653	15.12	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992	883	767	881	12.78	cps
Antimony	121-1	7119	6460	6710	6763	4.92	cps
Arsenic	75-1	5599	6189	6136	5975	5.47	cps
Barium	135-1	19506	19114	19681	19434	1.50	cps
Barium	137-1	35454	32882	33901	34079	3.80	cps
Beryllium	9-1	156	150	183	163	10.96	cps
Bismuth	209-1	6759621	6744505	6764062	6756063	0.15	cps
Bismuth	209-2	3645021	3736893	3711352	3697755	1.28	cps
Boron	10-1	17077	17502	17152	17244	1.32	cps
Boron	11-1	76603	77281	76878	76921	0.44	cps
Cadmium	111-1	2748	2754	2542	2681	4.48	cps
Cadmium	106-1	3826	3742	3501	3690	4.58	cps
Cadmium	108-1	38	17	29	28	37.74	cps
Calcium	43-1	588764	584181	582252	585066	0.57	cps
Calcium	44-1	9531161	9615138	9611182	9585827	0.49	cps
Chromium	52-2	8506	8733	8556	8598	1.39	cps
Cobalt	59-2	650	600	620	623	4.04	cps
Copper	63-2	1464483	1478911	1486666	1476687	0.76	cps
Dysprosium	156-1	133	92	192	139	36.17	cps
Dysprosium	156-2	33	63	53	50	30.55	cps
Erbium	164-1	142	108	108	119	16.11	cps
Erbium	164-2	67	73	50	63	18.98	cps
Gadolinium	160-1	58	125	75	86	40.29	cps
Gadolinium	160-2	163	127	207	166	24.19	cps
Holmium	165-1	9613503	9505750	9574010	9564421	0.57	cps
Holmium	165-2	4823971	4947862	4911500	4894444	1.30	cps
Indium	115-1	7315067	7312842	7282393	7303434	0.25	cps
Indium	115-2	1402443	1456287	1438561	1432430	1.92	cps
Iron	56-2	2533674	2553968	2559484	2549042	0.53	cps
Iron	57-2	65770	66679	66875	66441	0.89	cps
Krypton	83-1	253	270	283	269	5.59	cps
Lead	206-1	672070	665902	657283	665085	1.12	cps
Lead	207-1	592518	585605	579178	585767	1.14	cps
Lead	208-1	2693643	2665417	2636795	2665285	1.07	cps
Lithium	6-1	3321617	3292276	3257702	3290531	0.97	cps
Magnesium	24-2	1337995	1358844	1359088	1351976	0.90	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7542	7752	7525	7607	1.66	cps
Molybdenum	94-1	425	375	458	419	10.00	cps
Molybdenum	95-1	517	408	417	447	13.48	cps
Molybdenum	96-1	617	500	483	533	13.62	cps
Molybdenum	97-1	400	317	242	319	24.79	cps
Molybdenum	98-1	708	558	500	589	18.25	cps
Neodymium	150-1	53	67	47	56	18.33	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	1663	1750	1637	1683	3.52	cps
Phosphorus	31-2	242	225	250	239	5.33	cps
Potassium	39-2	71356	74336	74621	73438	2.46	cps
Rhodium	103-1	6587908	6550103	6489508	6542506	0.76	cps
Rhodium	103-2	2899541	2980114	2953115	2944257	1.39	cps
Scandium	45-1	4970341	4948267	4941491	4953366	0.30	cps
Scandium	45-2	191034	196923	193793	193917	1.52	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	65	54	41	53	22.70	cps
Selenium	82-1	149	125	93	122	22.91	cps
Silicon	28-1	30643714	30716422	30517318	30625818	0.33	cps
Silver	109-1	3200	3192	3267	3220	1.28	cps
Silver	107-1	3651	3409	3517	3526	3.43	cps
Sodium	23-2	3053975	3090576	3099959	3081503	0.79	cps
Strontium	86-1	166032	163361	162787	164060	1.06	cps
Strontium	88-1	1416471	1426729	1413779	1418993	0.48	cps
Sulfur	34-1	384923	388201	384474	385866	0.53	cps
Terbium	159-1	9862373	9782236	9769851	9804820	0.51	cps
Terbium	159-2	4736159	4876852	4809489	4807500	1.46	cps
Thallium	203-1	3376	3309	2992	3226	6.35	cps
Thallium	205-1	7511	7402	6985	7300	3.80	cps
Thorium	232-1	67	50	72	63	18.37	cps
Tin	118-1	60171	59394	60958	60174	1.30	cps
Titanium	47-1	725	675	750	717	5.33	cps
Uranium	238-1	10046	9078	9045	9390	6.05	cps
Vanadium	51-2	6805	7025	6692	6841	2.48	cps
Yttrium	89-1	7622915	7631382	7603634	7619310	0.19	cps
Yttrium	89-2	1038559	1073279	1052784	1054874	1.65	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:54:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110555	113504	112925	112328	1.39	cps
Zirconium	90-1	533	492	525	517	4.27	cps
Zirconium	91-1	58	92	175	108	55.47	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	842	742	833	10.54	cps
Antimony	121-1	5068	5335	5310	5237	2.81	cps
Arsenic	75-1	5448	6278	6576	6101	9.58	cps
Barium	135-1	19114	18872	18755	18914	0.97	cps
Barium	137-1	33825	34201	33166	33731	1.55	cps
Beryllium	9-1	133	111	111	119	10.83	cps
Bismuth	209-1	6640125	6640895	6571968	6617663	0.60	cps
Bismuth	209-2	3602356	3680953	3683234	3655514	1.26	cps
Boron	10-1	14824	15141	15050	15005	1.09	cps
Boron	11-1	69033	68991	68741	68921	0.23	cps
Cadmium	111-1	2222	2272	2430	2308	4.71	cps
Cadmium	106-1	3067	3200	3409	3225	5.34	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	580536	578091	573273	577300	0.64	cps
Calcium	44-1	9439164	9435598	9363777	9412846	0.45	cps
Chromium	52-2	8156	8566	8463	8395	2.54	cps
Cobalt	59-2	467	570	513	517	10.02	cps
Copper	63-2	1429480	1450151	1450565	1443398	0.84	cps
Dysprosium	156-1	108	125	83	106	19.87	cps
Dysprosium	156-2	27	17	20	21	24.12	cps
Erbium	164-1	92	83	142	106	29.89	cps
Erbium	164-2	60	33	47	47	28.58	cps
Gadolinium	160-1	92	108	75	92	18.18	cps
Gadolinium	160-2	153	130	137	140	8.59	cps
Holmium	165-1	9467852	9409880	9304831	9394188	0.88	cps
Holmium	165-2	4778502	4861007	4867358	4835622	1.03	cps
Indium	115-1	7074618	7110994	7052906	7079506	0.41	cps
Indium	115-2	1404152	1408862	1420903	1411306	0.61	cps
Iron	56-2	2470695	2483412	2516080	2490062	0.94	cps
Iron	57-2	64112	66020	64587	64906	1.53	cps
Krypton	83-1	323	193	203	240	30.14	cps
Lead	206-1	665137	652827	649523	655829	1.25	cps
Lead	207-1	584978	575853	573435	578089	1.05	cps
Lead	208-1	2676608	2607905	2601625	2628713	1.58	cps
Lithium	6-1	3225326	3203982	3178987	3202765	0.72	cps
Magnesium	24-2	1312650	1329120	1319901	1320557	0.63	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7552	7649	7776	7659	1.46	cps
Molybdenum	94-1	325	267	225	272	18.45	cps
Molybdenum	95-1	183	192	175	183	4.55	cps
Molybdenum	96-1	400	317	383	367	12.03	cps
Molybdenum	97-1	150	67	125	114	37.55	cps
Molybdenum	98-1	383	350	292	342	13.58	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	40	20	10	23	65.47	cps
Nickel	60-2	1607	1660	1550	1606	3.43	cps
Phosphorus	31-2	183	258	242	228	17.29	cps
Potassium	39-2	73725	73850	74814	74130	0.80	cps
Rhodium	103-1	6396220	6475741	6364451	6412137	0.89	cps
Rhodium	103-2	2862093	2900859	2926976	2896643	1.13	cps
Scandium	45-1	4803837	4810512	4781052	4798467	0.32	cps
Scandium	45-2	188360	191203	191979	190514	1.00	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	44	37	48	43	13.09	cps
Selenium	82-1	36	173	194	134	63.94	cps
Silicon	28-1	30139134	29979595	29791574	29970101	0.58	cps
Silver	109-1	2859	3509	3367	3245	10.54	cps
Silver	107-1	3392	3351	3359	3367	0.65	cps
Sodium	23-2	3009890	3020186	3002037	3010704	0.30	cps
Strontium	86-1	160478	160199	161505	160727	0.43	cps
Strontium	88-1	1417131	1402534	1391565	1403743	0.91	cps
Sulfur	34-1	377912	381108	382458	380493	0.61	cps
Terbium	159-1	9552425	9636295	9494309	9561010	0.75	cps
Terbium	159-2	4663859	4765218	4758575	4729217	1.20	cps
Thallium	203-1	1300	1267	1467	1345	7.97	cps
Thallium	205-1	3642	3317	2825	3262	12.61	cps
Thorium	232-1	106	122	78	102	22.05	cps
Tin	118-1	59502	60131	59778	59804	0.53	cps
Titanium	47-1	633	625	583	614	4.36	cps
Uranium	238-1	9320	9245	9296	9287	0.41	cps
Vanadium	51-2	6585	6895	6642	6707	2.46	cps
Yttrium	89-1	7430311	7485340	7377067	7430906	0.73	cps
Yttrium	89-2	1022461	1038331	1046188	1035660	1.17	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	381228055.9DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-01-08 16:57:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108281	111519	109164	109654	1.53	cps
Zirconium	90-1	550	408	483	481	14.75	cps
Zirconium	91-1	125	42	75	81	52.07	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3592578	3678914	3692361	3654617	1.48	cps
Antimony	121-1	2843643	2811978	2832099	2829240	0.57	cps
Arsenic	75-1	648508	648317	640303	645709	0.73	cps
Barium	135-1	3852196	3837270	3849069	3846178	0.20	cps
Barium	137-1	6981966	6930413	6986422	6966267	0.45	cps
Beryllium	9-1	1016812	1015619	1023212	1018548	0.40	cps
Bismuth	209-1	5223393	5261932	5215357	5233561	0.48	cps
Bismuth	209-2	3046493	3091574	3091964	3076677	0.85	cps
Boron	10-1	190788	190848	194139	191925	1.00	cps
Boron	11-1	813267	827011	841964	827414	1.73	cps
Cadmium	111-1	1041559	1019146	1025821	1028842	1.12	cps
Cadmium	106-1	117390	113685	114979	115351	1.63	cps
Cadmium	108-1	77829	78386	78784	78333	0.61	cps
Calcium	43-1	5341733	5353085	5380733	5358517	0.37	cps
Calcium	44-1	86027510	85421898	86247052	85898820	0.50	cps
Chromium	52-2	866021	878730	879541	874764	0.87	cps
Cobalt	59-2	1352525	1367425	1369126	1363025	0.67	cps
Copper	63-2	1848285	1864620	1874598	1862501	0.71	cps
Dysprosium	156-1	133	158	92	128	26.36	cps
Dysprosium	156-2	117	103	113	111	6.24	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	30	43	27	33	26.45	cps
Gadolinium	160-1	83	100	100	94	10.19	cps
Gadolinium	160-2	137	147	147	143	4.03	cps
Holmium	165-1	8646766	8781620	8716120	8714835	0.77	cps
Holmium	165-2	4586820	4628204	4621941	4612322	0.48	cps
Indium	115-1	6062831	6077617	6074036	6071495	0.13	cps
Indium	115-2	1230587	1250439	1252712	1244579	0.98	cps
Iron	56-2	187250238	187763899	188794321	187936152	0.42	cps
Iron	57-2	4651896	4699070	4705744	4685570	0.63	cps
Krypton	83-1	273	273	293	280	4.12	cps
Lead	206-1	2729800	2712019	2727324	2723048	0.35	cps
Lead	207-1	2508500	2494477	2487966	2496981	0.42	cps
Lead	208-1	11325276	11373027	11362228	11353510	0.22	cps
Lithium	6-1	2900833	2908957	2918636	2909475	0.31	cps
Magnesium	24-2	38558631	39020099	38751390	38776707	0.60	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1116590	1126243	1135200	1126011	0.83	cps
Molybdenum	94-1	6471917	6471875	6488991	6477594	0.15	cps
Molybdenum	95-1	7907699	7895920	7922727	7908782	0.17	cps
Molybdenum	96-1	8739633	8744305	8739972	8741303	0.03	cps
Molybdenum	97-1	4775611	4732794	4744923	4751109	0.46	cps
Molybdenum	98-1	12645860	12616236	12677116	12646404	0.24	cps
Neodymium	150-1	540	453	460	484	9.96	cps
Neodymium	150-2	87	83	80	83	4.00	cps
Nickel	60-2	339189	343127	342553	341623	0.62	cps
Phosphorus	31-2	36872	37556	37940	37456	1.45	cps
Potassium	39-2	17258527	17368224	17411784	17346179	0.46	cps
Rhodium	103-1	5045331	5266994	5270771	5194365	2.49	cps
Rhodium	103-2	2419901	2449395	2468122	2445806	0.99	cps
Scandium	45-1	4145179	4187642	4172683	4168501	0.52	cps
Scandium	45-2	172397	174244	177418	174686	1.45	cps
Selenium	77-2	2940	3077	2914	2977	2.94	cps
Selenium	78-2	10487	10433	10535	10485	0.49	cps
Selenium	82-1	67685	67840	68508	68011	0.64	cps
Silicon	28-1	3165496	3286016	3383446	3278319	3.33	cps
Silver	109-1	3934897	3899219	3925236	3919784	0.47	cps
Silver	107-1	4074916	4050170	4020767	4048617	0.67	cps
Sodium	23-2	73091083	73400964	73387575	73293207	0.24	cps
Strontium	86-1	1048723	1040915	1046433	1045357	0.38	cps
Strontium	88-1	9318725	9278204	9364327	9320419	0.46	cps
Sulfur	34-1	653453	650331	651978	651921	0.24	cps
Terbium	159-1	8777786	8851914	8858832	8829511	0.51	cps
Terbium	159-2	4417235	4498878	4522450	4479521	1.23	cps
Thallium	203-1	3353998	3320929	3324330	3333086	0.55	cps
Thallium	205-1	8232215	8257579	8279141	8256311	0.28	cps
Thorium	232-1	13128989	13153225	13269942	13184052	0.57	cps
Tin	118-1	2656267	2643224	2649528	2649673	0.25	cps
Titanium	47-1	2320609	2310303	2318409	2316440	0.23	cps
Uranium	238-1	12739089	12724089	12889146	12784108	0.71	cps
Vanadium	51-2	704144	715306	718486	712646	1.06	cps
Yttrium	89-1	6595526	6586640	6562910	6581692	0.26	cps
Yttrium	89-2	950921	957428	964045	957464	0.69	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:01:54	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	338768	343035	344433	342079	0.86	cps
Zirconium	90-1	5476330	5449251	5466687	5464089	0.25	cps
Zirconium	91-1	1198387	1176191	1181759	1185446	0.97	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 17:05:31 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	142	208	203	28.87	cps
Antimony	121-1	1500	1417	1492	1470	3.12	cps
Arsenic	75-1	-28	209	26	69	180.36	cps
Barium	135-1	292	242	242	258	11.17	cps
Barium	137-1	408	467	458	444	7.10	cps
Beryllium	9-1	222	261	183	222	17.50	cps
Bismuth	209-1	6327782	6392480	6378931	6366398	0.54	cps
Bismuth	209-2	3495272	3503381	3548305	3515653	0.81	cps
Boron	10-1	5593	5443	4943	5326	6.39	cps
Boron	11-1	25205	23102	21074	23127	8.93	cps
Cadmium	111-1	2400	2331	2342	2357	1.56	cps
Cadmium	106-1	3251	3142	3142	3178	1.97	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	525	483	500	503	4.17	cps
Calcium	44-1	9562	9337	9328	9409	1.41	cps
Chromium	52-2	637	503	533	558	12.54	cps
Cobalt	59-2	110	33	70	71	53.93	cps
Copper	63-2	333	307	350	330	6.62	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	120	140	167	142	16.46	cps
Holmium	165-1	9016277	9068362	9014450	9033030	0.34	cps
Holmium	165-2	4581522	4647211	4710953	4646562	1.39	cps
Indium	115-1	6809246	6850641	6794825	6818237	0.42	cps
Indium	115-2	1367102	1381876	1395307	1381428	1.02	cps
Iron	56-2	16149	11749	11043	12981	21.31	cps
Iron	57-2	272	267	350	296	15.72	cps
Krypton	83-1	243	250	223	239	5.81	cps
Lead	206-1	883	995	883	920	6.97	cps
Lead	207-1	928	928	1011	956	5.04	cps
Lead	208-1	3917	4167	3911	3999	3.65	cps
Lithium	6-1	3155152	3175486	3164654	3165097	0.32	cps
Magnesium	24-2	3837	1625	1733	2399	51.99	cps

LB Number : LB100213 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-08 17:05:31 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	87	120	104	16.06	cps
Molybdenum	94-1	1308	1183	933	1142	16.73	cps
Molybdenum	95-1	1600	1433	1125	1386	17.39	cps
Molybdenum	96-1	1984	1784	1325	1697	19.89	cps
Molybdenum	97-1	992	958	858	936	7.41	cps
Molybdenum	98-1	2292	2209	1867	2122	10.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	60	50	56	9.17	cps
Phosphorus	31-2	142	83	83	103	32.76	cps
Potassium	39-2	15281	12956	13206	13814	9.24	cps
Rhodium	103-1	6102452	6232844	6144162	6159820	1.08	cps
Rhodium	103-2	2813803	2820390	2856545	2830246	0.81	cps
Scandium	45-1	4459554	4488456	4557958	4501989	1.12	cps
Scandium	45-2	183213	183903	189229	185448	1.78	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	41	44	35	40	11.60	cps
Selenium	82-1	64	34	45	48	32.14	cps
Silicon	28-1	173487	168049	164031	168522	2.82	cps
Silver	109-1	525	425	475	475	10.53	cps
Silver	107-1	500	608	525	544	10.42	cps
Sodium	23-2	16257	14157	13340	14585	10.32	cps
Strontium	86-1	533	483	425	481	11.28	cps
Strontium	88-1	683	708	642	678	4.97	cps
Sulfur	34-1	249114	249615	245336	248022	0.94	cps
Terbium	159-1	9137333	9188282	9192306	9172641	0.33	cps
Terbium	159-2	4505645	4582674	4615214	4567844	1.23	cps
Thallium	203-1	1609	1634	1609	1617	0.89	cps
Thallium	205-1	4009	3801	3609	3806	5.26	cps
Thorium	232-1	2045	1750	1722	1839	9.71	cps
Tin	118-1	1033	1067	1017	1039	2.45	cps
Titanium	47-1	242	183	317	247	27.04	cps
Uranium	238-1	792	717	992	833	17.06	cps
Vanadium	51-2	47	23	37	36	32.93	cps
Yttrium	89-1	7035998	7116081	7032813	7061631	0.67	cps
Yttrium	89-2	1002258	1007785	1014963	1008335	0.63	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:05:31	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	343	417	370	377	9.86	cps
Zirconium	90-1	933	1008	900	947	5.86	cps
Zirconium	91-1	200	233	225	219	7.91	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	225	208	211	6.03	cps
Antimony	121-1	1000	892	900	931	6.48	cps
Arsenic	75-1	606	737	907	750	20.10	cps
Barium	135-1	3776	4059	3926	3920	3.62	cps
Barium	137-1	6727	6293	6844	6621	4.38	cps
Beryllium	9-1	144	139	117	133	11.02	cps
Bismuth	209-1	6353595	6476471	6395648	6408571	0.97	cps
Bismuth	209-2	3556552	3603509	3624305	3594789	0.97	cps
Boron	10-1	5326	5410	5726	5487	3.85	cps
Boron	11-1	23894	24262	23210	23789	2.24	cps
Cadmium	111-1	2109	2203	2120	2144	2.40	cps
Cadmium	106-1	2967	3092	2934	2998	2.79	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	112096	114280	112938	113105	0.97	cps
Calcium	44-1	1835989	1812018	1818401	1822136	0.68	cps
Chromium	52-2	2084	2240	2140	2155	3.68	cps
Cobalt	59-2	117	110	133	120	10.02	cps
Copper	63-2	293009	292890	297118	294339	0.82	cps
Dysprosium	156-1	17	17	58	31	78.72	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	0	33	31	95.79	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	117	133	100	117	14.29	cps
Holmium	165-1	9107243	9150396	9094824	9117488	0.32	cps
Holmium	165-2	4731924	4766743	4788776	4762481	0.60	cps
Indium	115-1	6937221	7010270	6968739	6972077	0.53	cps
Indium	115-2	1404881	1421349	1430818	1419016	0.92	cps
Iron	56-2	515955	513082	515150	514729	0.29	cps
Iron	57-2	12828	13101	13012	12980	1.07	cps
Krypton	83-1	273	267	270	270	1.24	cps
Lead	206-1	128610	129131	126972	128238	0.88	cps
Lead	207-1	113212	111972	112774	112653	0.56	cps
Lead	208-1	517125	513365	511092	513861	0.59	cps
Lithium	6-1	3243340	3252484	3228865	3241563	0.37	cps
Magnesium	24-2	273393	270999	271820	272071	0.45	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1730	1613	1560	1635	5.32	cps
Molybdenum	94-1	392	350	325	356	9.47	cps
Molybdenum	95-1	342	283	275	300	12.11	cps
Molybdenum	96-1	425	375	433	411	7.67	cps
Molybdenum	97-1	267	133	200	200	33.33	cps
Molybdenum	98-1	475	425	433	444	6.03	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	403	367	373	381	5.12	cps
Phosphorus	31-2	150	117	100	122	20.83	cps
Potassium	39-2	25548	24588	25373	25169	2.03	cps
Rhodium	103-1	6276528	6330809	6342999	6316779	0.56	cps
Rhodium	103-2	2888151	2913557	2942237	2914648	0.93	cps
Scandium	45-1	4714668	4777189	4712073	4734643	0.78	cps
Scandium	45-2	190876	191946	192803	191875	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	46	39	39	41	10.34	cps
Selenium	82-1	43	59	24	42	42.29	cps
Silicon	28-1	6096836	6055859	6099708	6084135	0.40	cps
Silver	109-1	875	792	708	792	10.53	cps
Silver	107-1	917	975	817	903	8.87	cps
Sodium	23-2	625760	621959	620866	622862	0.41	cps
Strontium	86-1	32062	32053	31594	31903	0.84	cps
Strontium	88-1	276000	272222	274574	274265	0.70	cps
Sulfur	34-1	284596	277539	277531	279889	1.46	cps
Terbium	159-1	9247450	9371818	9241091	9286787	0.79	cps
Terbium	159-2	4649602	4673216	4717615	4680145	0.74	cps
Thallium	203-1	917	783	917	872	8.83	cps
Thallium	205-1	2192	2009	2025	2075	4.89	cps
Thorium	232-1	344	344	344	344	0.00	cps
Tin	118-1	12022	11889	11689	11867	1.41	cps
Titanium	47-1	242	167	225	211	18.66	cps
Uranium	238-1	2125	1809	1850	1928	8.93	cps
Vanadium	51-2	1267	1213	1290	1257	3.13	cps
Yttrium	89-1	7204829	7286764	7192752	7228115	0.71	cps
Yttrium	89-2	1040988	1046491	1052113	1046531	0.53	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	K1069-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	381228055.9LDL	Dilution Factor :	10
Date & Time Acquired ::	2019-01-08 17:09:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21670	21943	21887	21833	0.66	cps
Zirconium	90-1	392	558	542	497	18.46	cps
Zirconium	91-1	158	125	100	128	22.90	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3684091	3740610	3731133	3718612	0.81	cps
Antimony	121-1	2827673	2829432	2821586	2826231	0.15	cps
Arsenic	75-1	647726	647453	641020	645399	0.59	cps
Barium	135-1	3813405	3835528	3852929	3833954	0.52	cps
Barium	137-1	6947452	6979257	7001121	6975943	0.39	cps
Beryllium	9-1	1049642	1042439	1047336	1046472	0.35	cps
Bismuth	209-1	5150423	5234748	5243087	5209419	0.98	cps
Bismuth	209-2	3003488	3074511	3073423	3050474	1.33	cps
Boron	10-1	190248	194476	196528	193750	1.65	cps
Boron	11-1	831451	846661	865456	847856	2.01	cps
Cadmium	111-1	1131672	1121417	1131533	1128207	0.52	cps
Cadmium	106-1	123365	124175	124770	124103	0.57	cps
Cadmium	108-1	85212	85250	85120	85194	0.08	cps
Calcium	43-1	5407884	5426066	5431326	5421759	0.23	cps
Calcium	44-1	87085906	86808356	86893194	86929152	0.16	cps
Chromium	52-2	880995	888142	887368	885502	0.44	cps
Cobalt	59-2	1352679	1371342	1373317	1365779	0.83	cps
Copper	63-2	1869220	1900092	1891023	1886778	0.84	cps
Dysprosium	156-1	175	158	117	150	20.03	cps
Dysprosium	156-2	100	130	97	109	16.86	cps
Erbium	164-1	17	67	25	36	74.18	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	33	58	92	61	47.89	cps
Gadolinium	160-2	133	173	137	148	15.02	cps
Holmium	165-1	8585819	8690083	8812047	8695983	1.30	cps
Holmium	165-2	4503298	4605132	4610948	4573126	1.32	cps
Indium	115-1	5956202	6125970	6105688	6062620	1.53	cps
Indium	115-2	1235667	1244601	1255922	1245397	0.82	cps
Iron	56-2	189710054	189930782	189595104	189745314	0.09	cps
Iron	57-2	4655025	4719692	4733061	4702593	0.89	cps
Krypton	83-1	283	337	293	304	9.31	cps
Lead	206-1	2716454	2704874	2714627	2711985	0.23	cps
Lead	207-1	2491874	2479915	2481272	2484354	0.26	cps
Lead	208-1	11318288	11337197	11370913	11342133	0.24	cps
Lithium	6-1	2966808	3001941	3005151	2991300	0.71	cps
Magnesium	24-2	39214003	39775232	39720860	39570032	0.78	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1128240	1134604	1140680	1134508	0.55	cps
Molybdenum	94-1	6484868	6518465	6544911	6516081	0.46	cps
Molybdenum	95-1	7942396	7969847	7954796	7955680	0.17	cps
Molybdenum	96-1	8753934	8829013	8794661	8792536	0.43	cps
Molybdenum	97-1	4789316	4744452	4728925	4754231	0.66	cps
Molybdenum	98-1	12616137	12545047	12714532	12625239	0.67	cps
Neodymium	150-1	413	440	587	480	19.45	cps
Neodymium	150-2	53	70	67	63	13.93	cps
Nickel	60-2	338905	343157	344982	342348	0.91	cps
Phosphorus	31-2	37933	36964	38451	37782	2.00	cps
Potassium	39-2	17439879	17590622	17564789	17531763	0.46	cps
Rhodium	103-1	5000229	5021609	5285051	5102296	3.11	cps
Rhodium	103-2	2407347	2440467	2450391	2432735	0.93	cps
Scandium	45-1	4200353	4203629	4215744	4206575	0.19	cps
Scandium	45-2	174898	177940	177310	176716	0.91	cps
Selenium	77-2	3057	3147	3204	3136	2.36	cps
Selenium	78-2	10804	10634	10988	10808	1.64	cps
Selenium	82-1	70760	70087	71380	70742	0.91	cps
Silicon	28-1	3208883	3340465	3415421	3321590	3.15	cps
Silver	109-1	4153644	4106655	4120609	4126969	0.58	cps
Silver	107-1	4297019	4267399	4259300	4274573	0.46	cps
Sodium	23-2	73955833	74977008	74882875	74605238	0.76	cps
Strontium	86-1	1053941	1052831	1060436	1055736	0.39	cps
Strontium	88-1	9300615	9389118	9386950	9358894	0.54	cps
Sulfur	34-1	652304	647292	652027	650541	0.43	cps
Terbium	159-1	8722467	8879622	8892597	8831562	1.07	cps
Terbium	159-2	4405650	4459749	4509688	4458362	1.17	cps
Thallium	203-1	3324626	3317453	3321900	3321326	0.11	cps
Thallium	205-1	8227555	8281961	8296390	8268635	0.44	cps
Thorium	232-1	13128395	13332970	13274823	13245396	0.80	cps
Tin	118-1	2663170	2663497	2665803	2664157	0.05	cps
Titanium	47-1	2346378	2329314	2333856	2336516	0.38	cps
Uranium	238-1	12753744	12931534	12850185	12845155	0.69	cps
Vanadium	51-2	714439	726860	721060	720787	0.86	cps
Yttrium	89-1	6518993	6651380	6644940	6605104	1.13	cps
Yttrium	89-2	948206	956973	965269	956816	0.89	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:12:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	352617	356953	359447	356339	0.97	cps
Zirconium	90-1	5496654	5522886	5488297	5502612	0.33	cps
Zirconium	91-1	1195675	1195930	1190030	1193878	0.28	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	175	131	30.17	cps
Antimony	121-1	1417	1408	1275	1367	5.82	cps
Arsenic	75-1	35	-166	-321	-151	-118.55	cps
Barium	135-1	158	83	67	103	47.51	cps
Barium	137-1	183	92	175	150	33.79	cps
Beryllium	9-1	200	167	183	183	9.09	cps
Bismuth	209-1	6276166	6380578	6354494	6337079	0.86	cps
Bismuth	209-2	3492169	3521693	3548872	3520911	0.81	cps
Boron	10-1	5735	5018	5043	5265	7.73	cps
Boron	11-1	23586	22584	21591	22587	4.42	cps
Cadmium	111-1	2048	2301	2143	2164	5.92	cps
Cadmium	106-1	2834	3167	2975	2992	5.59	cps
Cadmium	108-1	33	17	33	28	34.63	cps
Calcium	43-1	233	258	183	225	16.97	cps
Calcium	44-1	5001	4968	4876	4948	1.31	cps
Chromium	52-2	520	503	527	517	2.33	cps
Cobalt	59-2	53	67	60	60	11.12	cps
Copper	63-2	250	367	423	347	25.49	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	50	50	8	36	66.62	cps
Gadolinium	160-2	143	147	107	132	16.79	cps
Holmium	165-1	8817567	9006541	8919755	8914621	1.06	cps
Holmium	165-2	4670269	4661721	4707646	4679879	0.52	cps
Indium	115-1	6735339	6882135	6869169	6828881	1.19	cps
Indium	115-2	1381126	1387919	1391175	1386740	0.37	cps
Iron	56-2	7713	9220	9737	8890	11.83	cps
Iron	57-2	211	222	239	224	6.24	cps
Krypton	83-1	303	323	213	280	20.93	cps
Lead	206-1	806	789	767	787	2.48	cps
Lead	207-1	589	694	694	659	9.24	cps
Lead	208-1	3234	3239	3311	3261	1.33	cps
Lithium	6-1	3211602	3241186	3244282	3232357	0.56	cps
Magnesium	24-2	1133	1400	1675	1403	19.31	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	100	97	84	28.55	cps
Molybdenum	94-1	1233	950	875	1020	18.54	cps
Molybdenum	95-1	1575	1583	1267	1475	12.24	cps
Molybdenum	96-1	1817	1467	1300	1528	17.26	cps
Molybdenum	97-1	983	775	808	856	13.08	cps
Molybdenum	98-1	2434	2042	1934	2136	12.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	37	17	24	43.83	cps
Phosphorus	31-2	75	117	150	114	33.00	cps
Potassium	39-2	13548	12589	14116	13418	5.75	cps
Rhodium	103-1	6111244	6168533	6227998	6169259	0.95	cps
Rhodium	103-2	2838389	2851243	2885805	2858479	0.86	cps
Scandium	45-1	4401771	4630368	4621608	4551249	2.85	cps
Scandium	45-2	187293	187290	189231	187938	0.60	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	30	35	37	34	11.36	cps
Selenium	82-1	-53	-43	78	-6	-1228.70	cps
Silicon	28-1	174186	171035	169288	171503	1.45	cps
Silver	109-1	317	433	292	347	21.78	cps
Silver	107-1	350	325	450	375	17.64	cps
Sodium	23-2	13799	14491	14207	14166	2.46	cps
Strontium	86-1	433	442	458	444	2.86	cps
Strontium	88-1	300	267	275	281	6.18	cps
Sulfur	34-1	251299	253988	252709	252665	0.53	cps
Terbium	159-1	9028350	9173431	9197164	9132982	1.00	cps
Terbium	159-2	4567788	4608201	4613733	4596574	0.55	cps
Thallium	203-1	1233	1258	1233	1242	1.16	cps
Thallium	205-1	3184	2809	2825	2939	7.21	cps
Thorium	232-1	2817	2684	2561	2687	4.76	cps
Tin	118-1	1117	900	925	981	12.09	cps
Titanium	47-1	142	117	83	114	25.69	cps
Uranium	238-1	342	317	325	328	3.88	cps
Vanadium	51-2	23	23	30	26	15.07	cps
Yttrium	89-1	6944136	7081346	7128029	7051170	1.36	cps
Yttrium	89-2	1022460	1010529	1027124	1020037	0.84	cps

LB Number :	LB100213	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-01-08 17:16:15	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233	193	253	227	13.48	cps
Zirconium	90-1	733	883	725	781	11.42	cps
Zirconium	91-1	133	142	233	169	32.75	cps