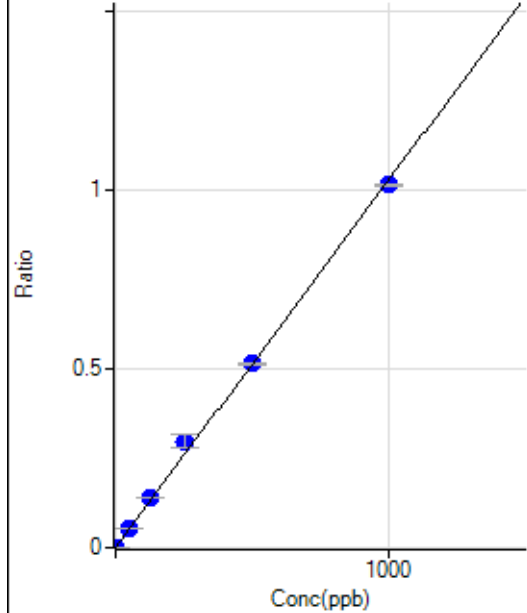


Batch Folder: D:\P8011718MS .b\
Analysis File: P8011718MS .batch.bin
DA Date-Time: 2018-01-17 14:38:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8011718MS.D	S00	2018-01-17 11:25:56
2			
3	006CAL5 P8011718MS.D	S02	2018-01-17 11:32:42
4	007CAL5 P8011718MS.D	S03	2018-01-17 11:36:14
5	008CAL5 P8011718MS.D	S04	2018-01-17 11:39:46
6	009CAL5 P8011718MS.D	S05	2018-01-17 11:43:11
7	010CAL5 P8011718MS.D	S06	2018-01-17 11:46:31
8	011CAL5 P8011718MS.D	S07	2018-01-17 11:49:48
9	012CAL5 P8011718MS.D	S08	2018-01-17 11:53:02

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.49	0.0001	P	43.8
2	☐	0.100					
3	☐	1.000	1.033	840.79	0.0012	P	2.7
4	☐	50.000	54.476	41315.31	0.0561	P	1.0
5	☐	125.000	136.115	102298.05	0.1399	P	1.2
6	☐	250.000	288.803	200508.62	0.2967	P	12.2
7	☐	500.000	501.674	367761.72	0.5154	P	0.9
8	☐	1000.000	987.849	700951.17	1.0147	P	0.7
9	☐			592.62	0.0009	P	9.4

$$y = 0.0010 * x + 1.1243E-004$$

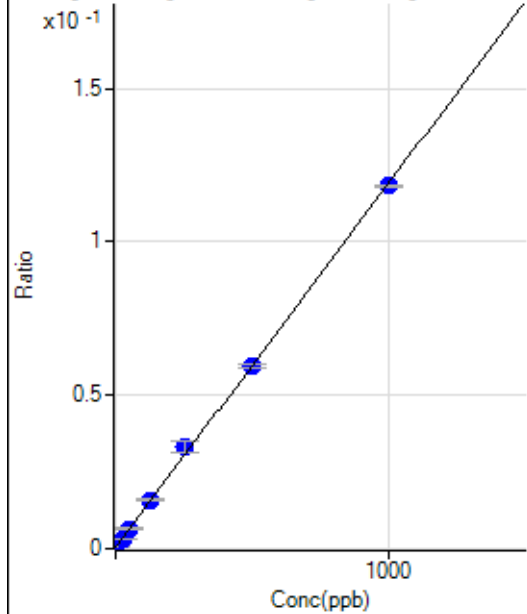
$$R = 0.9991$$

$$DL = 0.1438$$

$$BEC = 0.1095$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.13	0.0004	P	13.0
2	☐	2.500					
3	☐	25.000	21.485	2108.58	0.0029	P	3.2
4	☐	50.000	50.216	4678.73	0.0063	P	8.9
5	☐	125.000	130.517	11605.17	0.0159	P	3.3
6	☐	250.000	276.621	22462.85	0.0332	P	10.3
7	☐	500.000	498.923	42500.16	0.0596	P	1.5
8	☐	1000.000	993.271	81634.98	0.1182	P	0.6
9	☐			3631.20	0.0055	P	15.4

$$y = 1.1858E-004 * x + 3.9474E-004$$

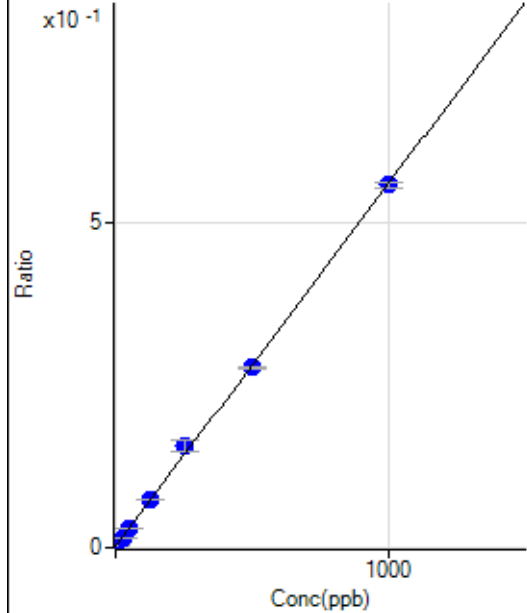
$$R = 0.9996$$

$$DL = 1.297$$

$$BEC = 3.329$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1311.23	0.0018	P	16.0
2	☐	2.500					
3	☐	25.000	22.490	10287.40	0.0144	P	3.6
4	☐	50.000	51.093	22337.57	0.0303	P	1.6
5	☐	125.000	130.032	54362.47	0.0743	P	1.8
6	☐	250.000	277.523	106045.73	0.1566	P	9.5
7	☐	500.000	492.302	197271.67	0.2764	P	0.5
8	☐	1000.000	996.347	385206.29	0.5576	P	1.6
9	☐			16607.53	0.0252	P	11.8

$$y = 5.5785E-004 * x + 0.0018$$

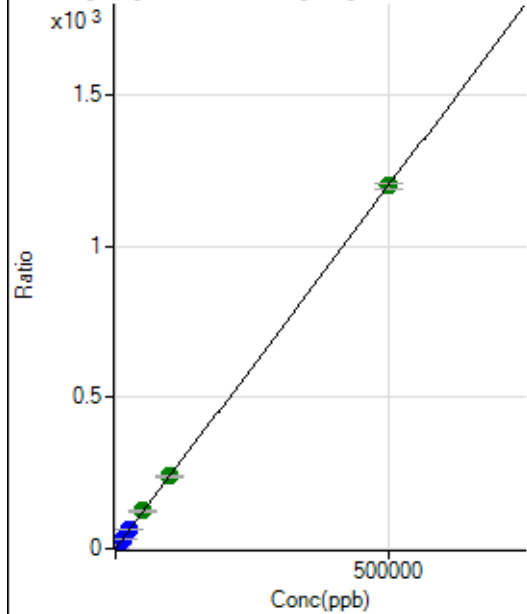
$$R = 0.9995$$

$$DL = 1.558$$

$$BEC = 3.244$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7402.22	0.4203	P	4.7
2	☐	50.000					
3	☐	500.000	460.416	26943.03	1.5251	P	2.6
4	☐	5000.000	5114.335	226823.86	12.6927	P	1.8
5	☐	12500.000	13149.588	548955.11	31.9742	P	0.7
6	☐	25000.000	26481.800	1035893.15	63.9665	P	2.0
7	☐	50000.000	51797.318	1893135.31	124.7141	A	2.2
8	☐	100000.00	100101.44	3609618.40	240.6255	A	2.8
9	☐	500000.00	499708.54	18233257.00	1,199.530	A	1.8

$$y = 0.0024 * x + 0.4203$$

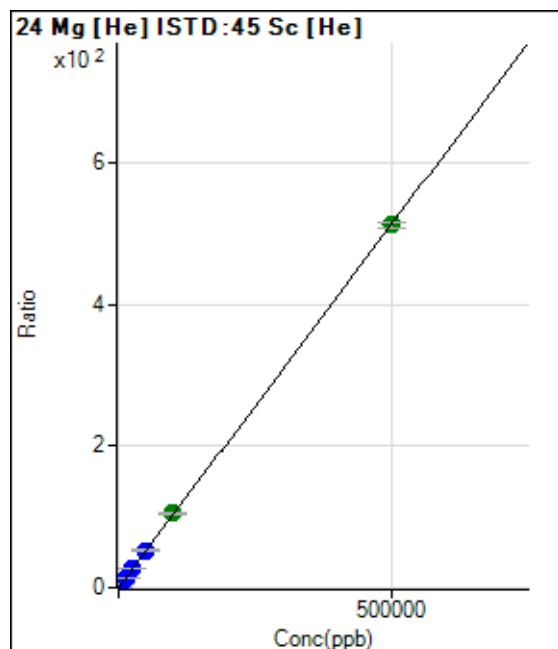
$$R = 1.0000$$

$$DL = 24.78$$

$$BEC = 175.1$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.36	0.0289	P	5.8
2	☐	50.000					
3	☐	500.000	484.698	9306.15	0.5267	P	1.4
4	☐	5000.000	5117.314	94440.06	5.2847	P	1.8
5	☐	12500.000	13387.207	236552.89	13.7784	P	0.5
6	☐	25000.000	26776.336	445856.53	27.5299	P	1.6
7	☐	50000.000	51362.644	801196.45	52.7816	P	2.2
8	☐	100000.00	102343.66	1577223.12	105.1424	A	2.9
9	☐	500000.00	499282.84	7795342.19	512.8246	A	1.6

$$y = 0.0010 * x + 0.0289$$

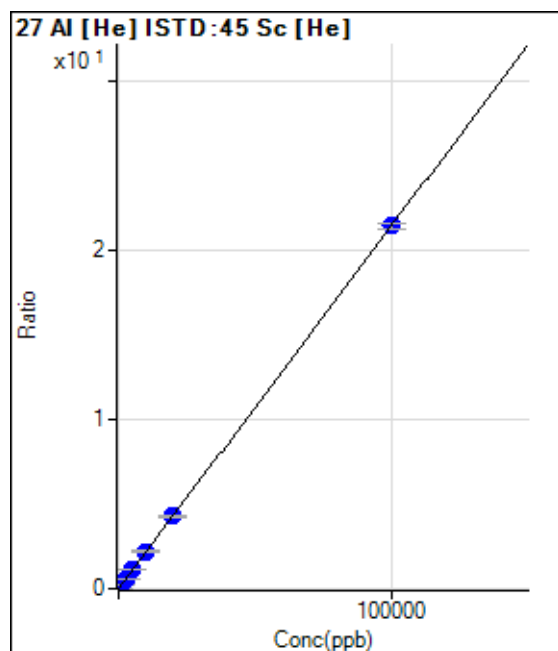
$$R = 1.0000$$

$$DL = 4.858$$

$$BEC = 28.1$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0005	P	100.3
2	☐	2.000					
3	☐	20.000	18.283	77.78	0.0044	P	26.6
4	☐	1000.000	1045.747	4022.96	0.2251	P	3.3
5	☐	2500.000	2695.861	9951.12	0.5796	P	2.9
6	☐	5000.000	5367.042	18679.72	1.1535	P	2.1
7	☐	10000.000	10264.189	33482.23	2.2055	P	1.6
8	☐	20000.000	19920.556	64201.34	4.2800	P	3.1
9	☐	100000.00	99965.764	326467.93	21.4763	P	1.6

$$y = 2.1483E-004 * x + 4.7209E-004$$

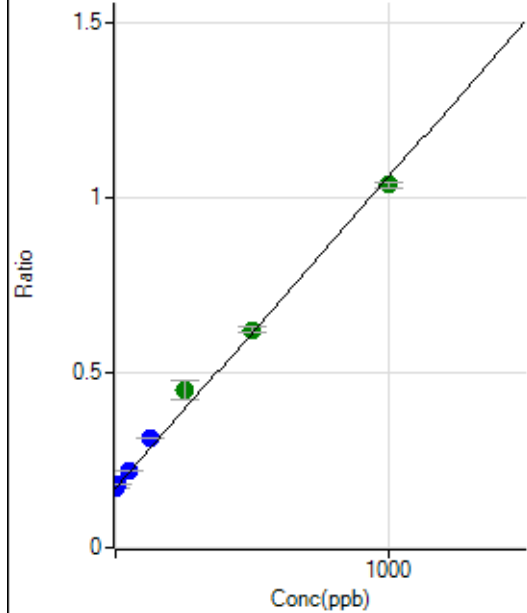
$$R = 1.0000$$

$$DL = 6.613$$

$$BEC = 2.197$$

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	394688.96	0.1701	P	1.3
2	☐	1.000					
3	☐	10.000	14.094	426239.29	0.1826	P	0.6
4	☐	50.000	57.779	531416.68	0.2215	P	0.3
5	☐	125.000	161.221	744431.39	0.3136	P	0.4
6	☐	250.000	314.298	973754.72	0.4498	A	12.9
7	☐	500.000	509.320	1422197.55	0.6234	A	2.1
8	☐	1000.000	974.308	2303744.04	1.0373	A	1.3
9	☐			346400.04	0.1602	P	7.6

$$y = 8.9005E-004 * x + 0.1701$$

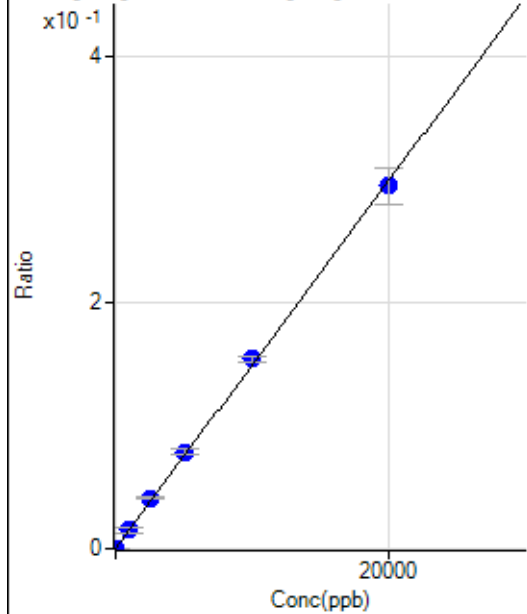
$$R = 0.9973$$

$$DL = 7.688$$

$$BEC = 191.1$$

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	5.227	2.78	0.0002	P	173.2
2	☐	0.000					
3	☐	0.000	-5.227	0.00	0.0000	P	
4	☐	1000.000	1014.413	272.24	0.0153	P	28.3
5	☐	2500.000	2763.455	711.16	0.0414	P	6.8
6	☐	5000.000	5272.419	1277.90	0.0790	P	6.5
7	☐	10000.000	10320.950	2344.75	0.1545	P	3.0
8	☐	20000.000	19737.768	4431.45	0.2954	P	9.9
9	☐			0.00	0.0000	P	

$$y = 1.4961E-005 * x + 7.8195E-005$$

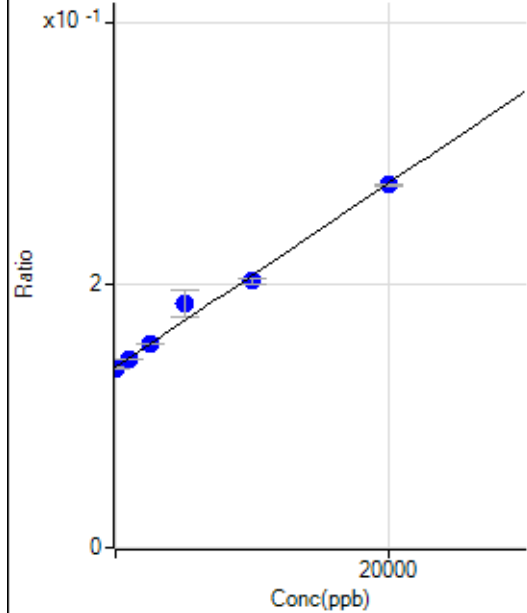
$$R = 0.9996$$

$$DL = 27.16$$

$$BEC = 5.227$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	74.295	319851.10	0.1378	P	0.3
2	☐	0.000					
3	☐	0.000	-74.295	319262.98	0.1368	P	0.3
4	☐	1000.000	866.736	343988.93	0.1434	P	1.0
5	☐	2500.000	2566.517	368676.19	0.1553	P	0.4
6	☐	5000.000	6937.001	403028.01	0.1859	P	11.0
7	☐	10000.000	9425.458	463946.97	0.2034	P	2.1
8	☐	20000.000	19801.369	613193.35	0.2761	P	0.8
9	☐			275677.46	0.1274	P	6.6

$$y = 7.0079\text{E-}006 * x + 0.1373$$

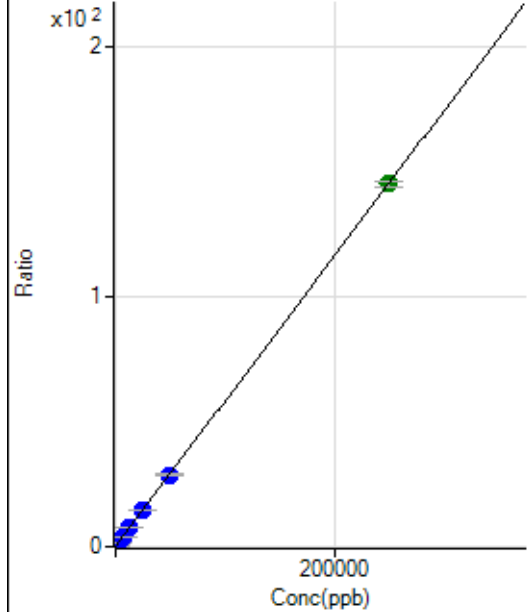
$$R = 0.9938$$

$$DL = 181.1$$

$$BEC = 1.959\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1989.13	0.1129	P	9.8
2	☐	50.000					
3	☐	500.000	488.069	6990.94	0.3957	P	1.9
4	☐	2500.000	2655.064	29506.79	1.6511	P	2.4
5	☐	6250.000	6850.795	70080.60	4.0819	P	1.6
6	☐	12500.000	13504.049	128560.39	7.9364	P	0.8
7	☐	25000.000	25363.232	224769.08	14.8070	P	1.9
8	☐	50000.000	49254.715	429753.15	28.6484	P	2.8
9	☐	250000.00	250045.98	2203762.31	144.9760	A	1.7

$$y = 5.7935\text{E-}004 * x + 0.1129$$

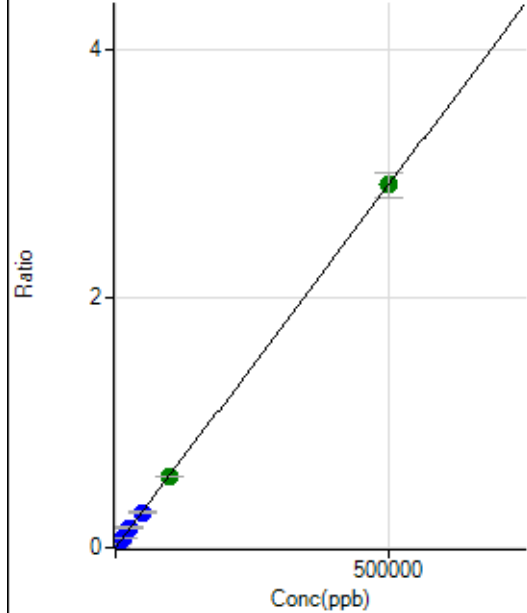
$$R = 1.0000$$

$$DL = 57.24$$

$$BEC = 194.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	713.94	0.0003	P	4.0
2	☐	50.000					
3	☐	500.000	424.645	6479.61	0.0028	P	5.2
4	☐	5000.000	5026.041	70848.74	0.0295	P	1.2
5	☐	12500.000	12794.229	177337.51	0.0747	P	1.6
6	☐	25000.000	27627.845	348676.07	0.1610	P	11.9
7	☐	50000.000	48777.971	647777.52	0.2839	P	1.8
8	☐	100000.00	99071.368	1280238.07	0.5764	A	0.4
9	☐	500000.00	500168.99	6291966.03	2.9087	A	6.8

$$y = 5.8148\text{E-}006 * x + 3.0770\text{E-}004$$

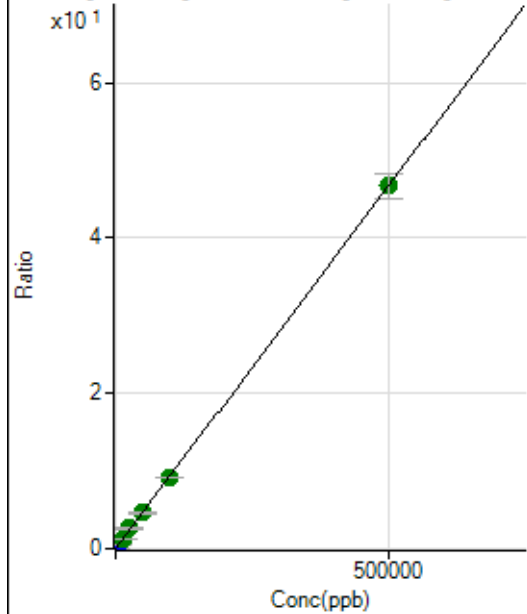
$$R = 1.0000$$

$$DL = 6.328$$

$$BEC = 52.92$$

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	18757.82	0.0081	P	1.0
2	☐	50.000					
3	☐	500.000	438.294	114393.86	0.0490	P	1.2
4	☐	5000.000	5041.967	1148990.84	0.4790	P	0.7
5	☐	12500.000	13071.700	2917227.32	1.2289	A	0.8
6	☐	25000.000	27970.209	5674996.31	2.6202	A	12.2
7	☐	50000.000	49115.260	10484007.79	4.5950	A	0.8
8	☐	100000.00	98592.140	20468539.17	9.2156	A	0.6
9	☐	500000.00	500206.88	101050473.7	46.7226	A	7.2

$$y = 9.3390\text{E-}005 * x + 0.0081$$

$$R = 1.0000$$

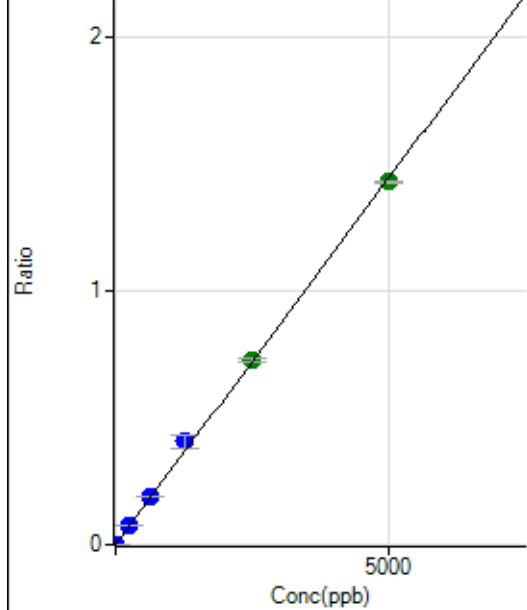
$$DL = 2.502$$

$$BEC = 86.55$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0001	P	27.7
2	☐	0.500					
3	☐	5.000	4.252	2997.66	0.0013	P	1.8
4	☐	250.000	251.974	174572.67	0.0728	P	1.2
5	☐	625.000	646.743	443193.51	0.1867	P	0.5
6	☐	1250.000	1404.802	878215.37	0.4054	P	12.0
7	☐	2500.000	2513.246	1654655.71	0.7253	A	2.3
8	☐	5000.000	4951.861	3174077.07	1.4290	A	0.5
9	☐			536.14	0.0002	P	8.3

$$y = 2.8858E-004 * x + 5.7502E-005$$

$$R = 0.9994$$

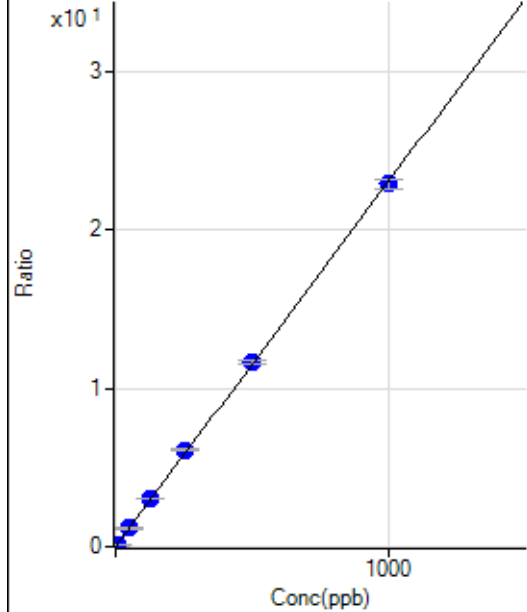
$$DL = 0.1653$$

$$BEC = 0.1993$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0001	P	86.6
2	☐	0.500					
3	☐	5.000	4.225	1724.58	0.0976	P	3.3
4	☐	50.000	50.209	20704.39	1.1586	P	2.0
5	☐	125.000	129.619	51347.16	2.9908	P	0.8
6	☐	250.000	264.485	98831.19	6.1026	P	1.8
7	☐	500.000	504.883	176833.25	11.6493	P	2.1
8	☐	1000.000	993.353	343833.12	22.9197	P	2.5
9	☐			67.78	0.0044	P	35.2

$$y = 0.0231 * x + 1.2558E-004$$

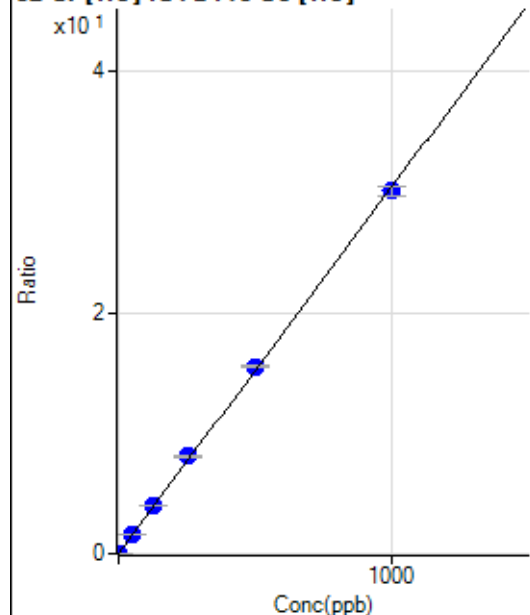
$$R = 0.9999$$

$$DL = 0.01414$$

$$BEC = 0.005443$$

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	235.56	0.0134	P	7.6
2	☐	0.200					
3	☐	2.000	1.725	1162.29	0.0658	P	4.2
4	☐	50.000	50.485	27645.26	1.5470	P	2.5
5	☐	125.000	130.808	68454.15	3.9872	P	0.6
6	☐	250.000	265.188	130693.86	8.0695	P	1.4
7	☐	500.000	510.615	235689.88	15.5253	P	1.6
8	☐	1000.000	990.146	451439.35	30.0928	P	2.6
9	☐			6533.86	0.4298	P	1.9

$$y = 0.0304 * x + 0.0134$$

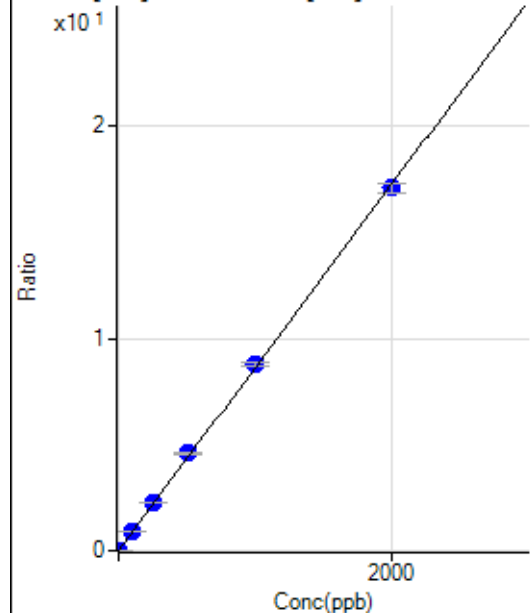
$$R = 0.9998$$

$$DL = 0.1007$$

$$BEC = 0.4404$$

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	26.67	0.0015	P	66.5
2	☐	0.100					
3	☐	1.000	0.727	137.78	0.0078	P	7.8
4	☐	100.000	101.862	15747.99	0.8811	P	2.4
5	☐	250.000	262.234	38900.81	2.2658	P	0.4
6	☐	500.000	530.959	74276.10	4.5862	P	1.6
7	☐	1000.000	1018.564	133552.15	8.7966	P	1.3
8	☐	2000.000	1981.356	256675.99	17.1100	P	2.6
9	☐			751.15	0.0495	P	10.5

$$y = 0.0086 * x + 0.0015$$

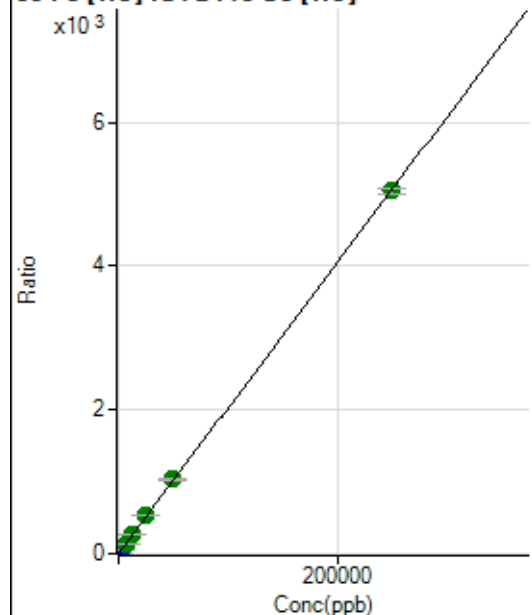
$$R = 0.9998$$

$$DL = 0.3509$$

$$BEC = 0.176$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1555.69	0.0883	P	10.7
2	☐	5.000					
3	☐	50.000	45.698	17884.14	1.0120	P	3.9
4	☐	2500.000	2595.133	939084.17	52.5467	P	1.0
5	☐	6250.000	6787.632	2357128.78	137.2944	A	0.1
6	☐	12500.000	13624.501	4461214.34	275.4959	A	2.8
7	☐	25000.000	26115.330	8014641.32	527.9872	A	2.1
8	☐	50000.000	51213.889	15531782.99	1,035.333	A	2.5
9	☐	250000.00	249575.07	76687992.46	5,045.033	A	1.6

$$y = 0.0202 * x + 0.0883$$

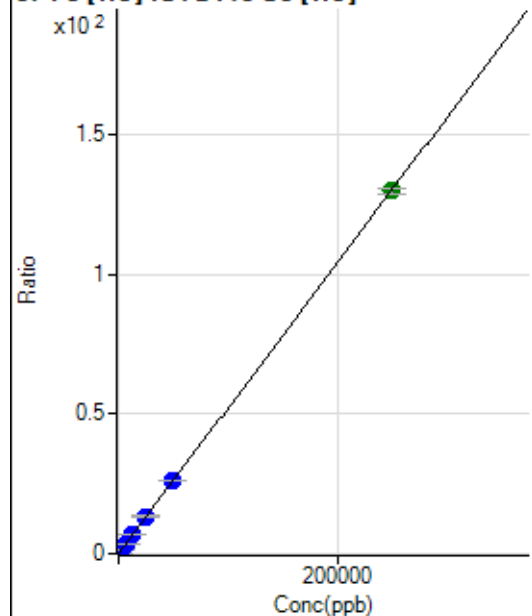
R = 1.0000

DL = 1.402

BEC = 4.368

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0022	P	75.7
2	☐	5.000					
3	☐	50.000	45.519	457.43	0.0259	P	2.3
4	☐	2500.000	2551.962	23765.24	1.3298	P	1.3
5	☐	6250.000	6529.334	58352.01	3.3989	P	1.3
6	☐	12500.000	13313.427	112181.06	6.9280	P	2.9
7	☐	25000.000	25707.414	203046.42	13.3756	P	1.7
8	☐	50000.000	50309.608	392671.21	26.1740	P	2.3
9	☐	250000.00	249819.16	1975604.65	129.9618	A	1.4

$$y = 5.2021\text{E-}004 * x + 0.0022$$

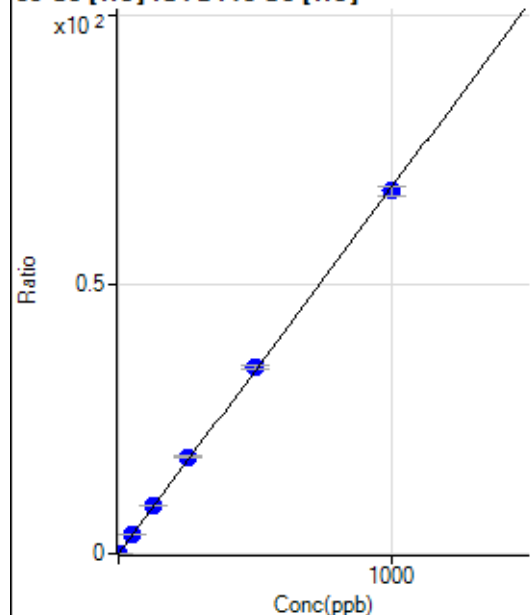
R = 1.0000

DL = 9.631

BEC = 4.243

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0039	P	29.2
2	☐	0.100					
3	☐	1.000	0.906	1156.74	0.0655	P	4.1
4	☐	50.000	50.668	61573.20	3.4452	P	0.7
5	☐	125.000	129.641	151236.58	8.8090	P	0.5
6	☐	250.000	263.485	289843.59	17.8996	P	2.7
7	☐	500.000	510.569	526499.55	34.6813	P	1.6
8	☐	1000.000	990.731	1009519.57	67.2936	P	2.5
9	☐			1208.96	0.0795	P	11.7

$$y = 0.0679 * x + 0.0039$$

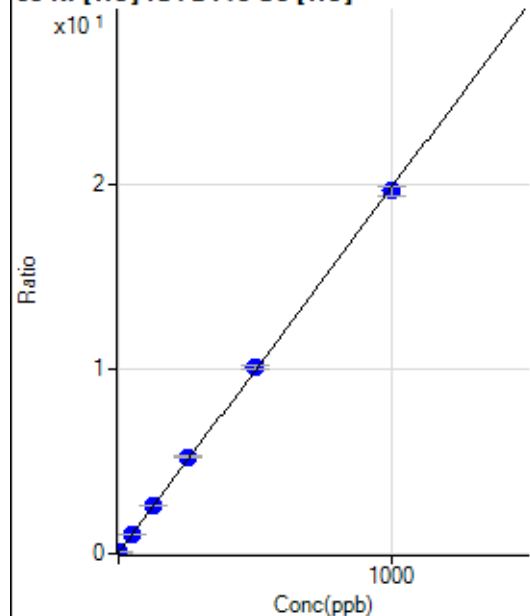
$$R = 0.9998$$

$$DL = 0.05048$$

$$BEC = 0.05754$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	690.03	0.0392	P	2.5
2	☐	0.100					
3	☐	1.000	0.936	1020.06	0.0577	P	7.0
4	☐	50.000	50.632	18639.35	1.0430	P	1.3
5	☐	125.000	129.726	44827.66	2.6111	P	0.9
6	☐	250.000	263.650	85278.90	5.2662	P	2.6
7	☐	500.000	509.988	154077.70	10.1500	P	2.0
8	☐	1000.000	990.971	295310.36	19.6857	P	2.7
9	☐			3214.87	0.2114	P	3.7

$$y = 0.0198 * x + 0.0392$$

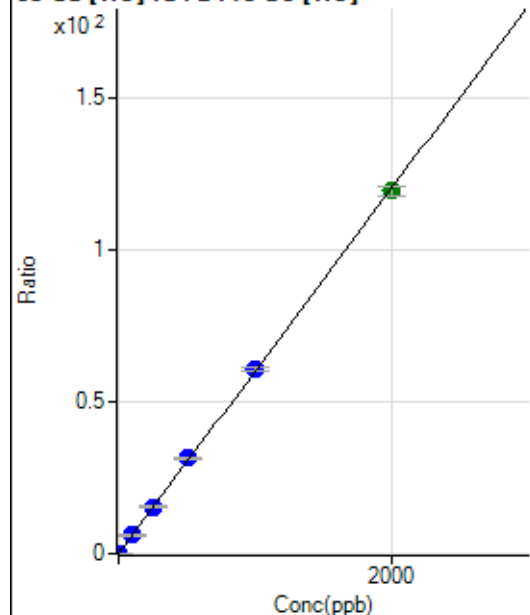
$$R = 0.9998$$

$$DL = 0.1497$$

$$BEC = 1.977$$

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	94.45	0.0054	P	38.1
2	☐	0.200					
3	☐	2.000	1.844	2051.30	0.1161	P	3.6
4	☐	100.000	100.013	107420.11	6.0108	P	1.2
5	☐	250.000	257.736	265794.57	15.4815	P	0.4
6	☐	500.000	522.558	508239.64	31.3830	P	1.9
7	☐	1000.000	1012.850	923289.36	60.8233	P	2.0
8	☐	2000.000	1986.968	1789882.32	119.3155	A	2.9
9	☐			2352.46	0.1548	P	5.6

$$y = 0.0600 * x + 0.0054$$

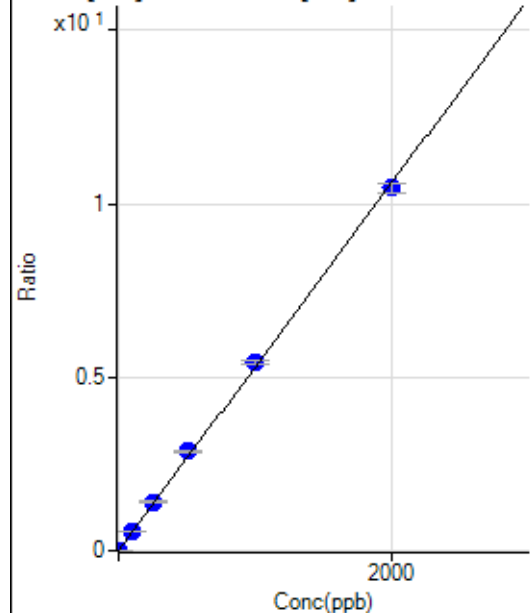
$$R = 0.9999$$

$$DL = 0.1019$$

$$BEC = 0.08917$$

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	20.00	0.0011	P	17.4
2	☐	0.200					
3	☐	2.000	1.852	193.34	0.0109	P	11.2
4	☐	100.000	101.622	9640.17	0.5394	P	1.0
5	☐	250.000	265.966	24205.72	1.4099	P	0.6
6	☐	500.000	541.457	46458.72	2.8691	P	2.7
7	☐	1000.000	1027.245	82617.39	5.4422	P	1.5
8	☐	2000.000	1973.937	156855.91	10.4566	P	2.9
9	☐			558.91	0.0368	P	8.5

$$y = 0.0053 * x + 0.0011$$

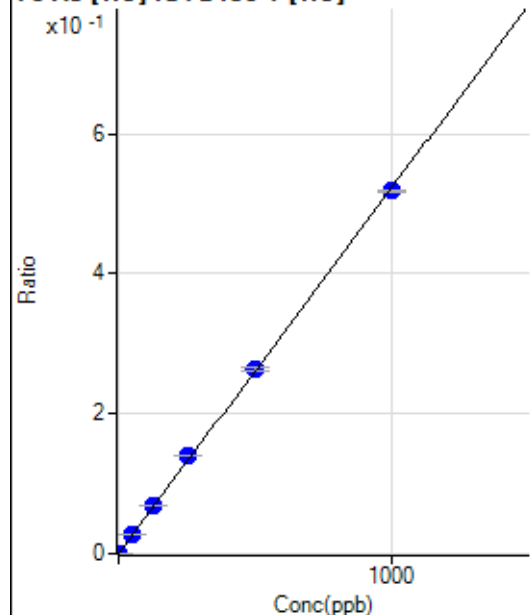
$$R = 0.9996$$

$$DL = 0.1122$$

$$BEC = 0.2146$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	50.2
2	☐	0.100					
3	☐	1.000	0.983	69.75	0.0005	P	11.6
4	☐	50.000	53.711	3670.89	0.0281	P	2.5
5	☐	125.000	131.913	8928.88	0.0690	P	1.7
6	☐	250.000	268.016	17637.28	0.1401	P	1.3
7	☐	500.000	504.208	31517.97	0.2635	P	1.8
8	☐	1000.000	992.342	60444.35	0.5186	P	0.2
9	☐			32.71	0.0003	P	31.7

$$y = 5.2255\text{E-}004 * x + 2.8747\text{E-}005$$

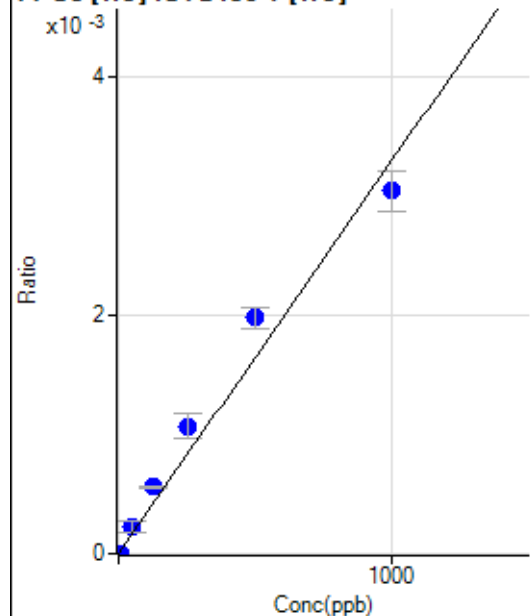
$$R = 0.9998$$

$$DL = 0.08277$$

$$BEC = 0.05501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	0.000	0.00	0.0000	P	
4	☐	50.000	69.879	30.00	0.0002	P	44.9
5	☐	125.000	169.559	72.23	0.0006	P	2.8
6	☐	250.000	324.708	134.45	0.0011	P	18.9
7	☐	500.000	601.034	236.67	0.0020	P	9.3
8	☐	1000.000	924.267	354.46	0.0030	P	11.2
9	☐			0.00	0.0000	P	

$$y = 3.2899\text{E-}006 * x + 0.0000\text{E+}000$$

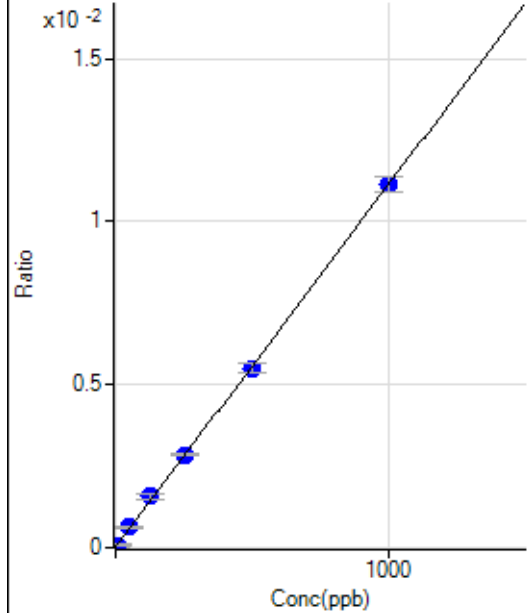
$$R = 0.9877$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	6.900	11.11	0.0001	P	57.4
4	☐	50.000	55.606	82.10	0.0006	P	11.2
5	☐	125.000	139.671	202.47	0.0016	P	9.2
6	☐	250.000	255.965	359.89	0.0029	P	1.5
7	☐	500.000	494.546	659.28	0.0055	P	4.9
8	☐	1000.000	999.112	1296.99	0.0111	P	4.1
9	☐			0.62	0.0000	P	173.2

$$y = 1.1128\text{E-}005 * x + 9.5351\text{E-}006$$

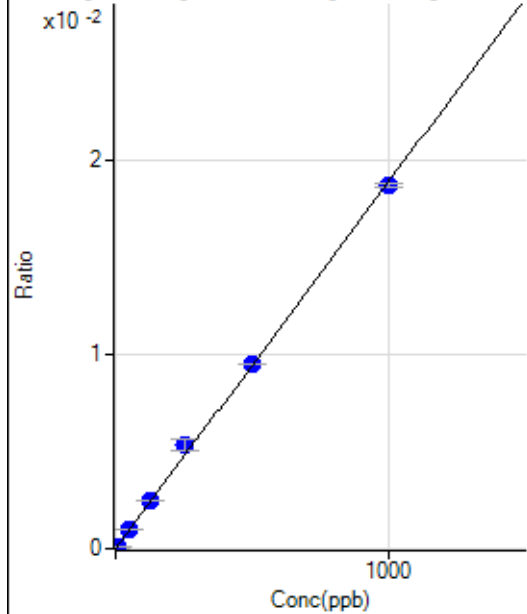
$$R = 0.9999$$

$$DL = 2.226$$

$$BEC = 0.8568$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-45.36	0.0000	P	-108.
2	☐	0.500					
3	☐	5.000	4.802	357.91	0.0001	P	8.1
4	☐	50.000	51.793	4475.62	0.0010	P	1.1
5	☐	125.000	131.122	11386.80	0.0025	P	0.9
6	☐	250.000	283.574	22966.90	0.0054	P	10.7
7	☐	500.000	502.589	43594.18	0.0095	P	0.3
8	☐	1000.000	989.458	84984.46	0.0187	P	1.2
9	☐			72.76	0.0000	P	43.2

$$y = 1.8926\text{E-}005 * x - 1.0349\text{E-}005$$

$$R = 0.9993$$

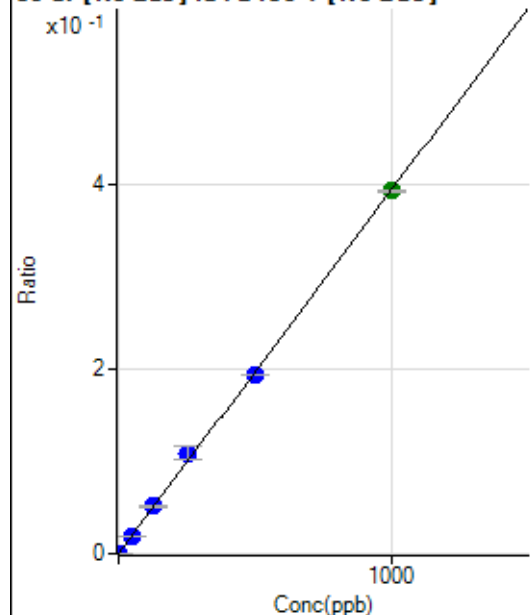
$$DL = 1.783$$

$$BEC = -0.5468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	538.92	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.847	2025.24	0.0005	P	2.5
4	☐	50.000	49.821	91033.46	0.0197	P	0.4
5	☐	125.000	129.706	235717.48	0.0512	P	1.0
6	☐	250.000	276.390	466341.97	0.1089	P	12.3
7	☐	500.000	490.759	886596.97	0.1932	P	0.5
8	☐	1000.000	997.444	1782812.97	0.3926	A	0.8
9	☐			57125.77	0.0133	P	7.1

$$y = 3.9351E-004 * x + 1.2249E-004$$

$$R = 0.9995$$

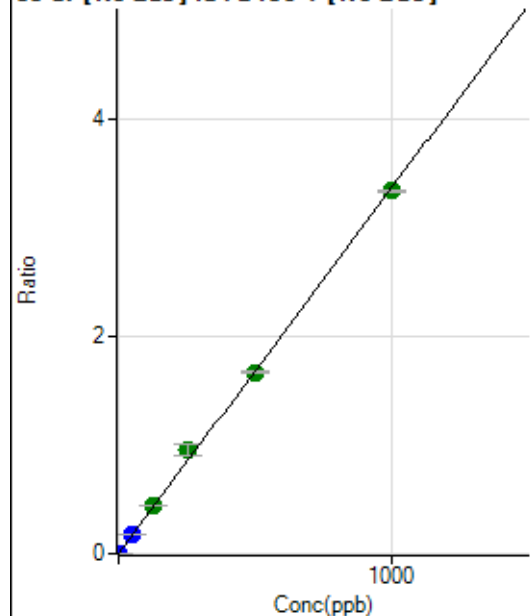
$$DL = 0.06356$$

$$BEC = 0.3113$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	25.7
2	☐	0.100					
3	☐	1.000	0.924	13902.17	0.0031	P	1.5
4	☐	50.000	50.608	784923.80	0.1701	P	0.2
5	☐	125.000	132.046	2044731.06	0.4438	A	0.7
6	☐	250.000	284.229	4092216.15	0.9552	A	11.9
7	☐	500.000	496.416	7653914.75	1.6683	A	1.3
8	☐	1000.000	992.324	15143060.75	3.3348	A	0.3
9	☐			490845.00	0.1140	P	6.9

$$y = 0.0034 * x + 2.3353E-005$$

$$R = 0.9993$$

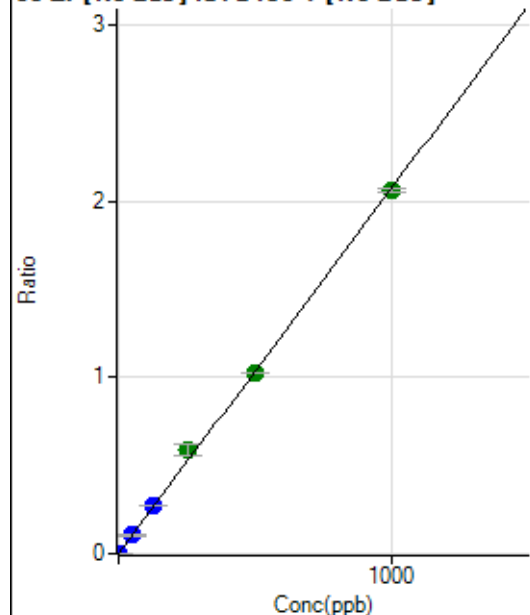
$$DL = 0.005367$$

$$BEC = 0.006949$$

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	230.57	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.936	8853.24	0.0020	P	1.3
4	☐	50.000	50.062	478996.27	0.1038	P	0.6
5	☐	125.000	129.487	1236606.53	0.2684	P	0.8
6	☐	250.000	284.282	2524128.72	0.5892	A	11.9
7	☐	500.000	495.374	4710440.38	1.0267	A	0.3
8	☐	1000.000	993.179	9346068.26	2.0583	A	1.2
9	☐			1641.84	0.0004	P	12.3

$$y = 0.0021 * x + 5.2412E-005$$

$$R = 0.9993$$

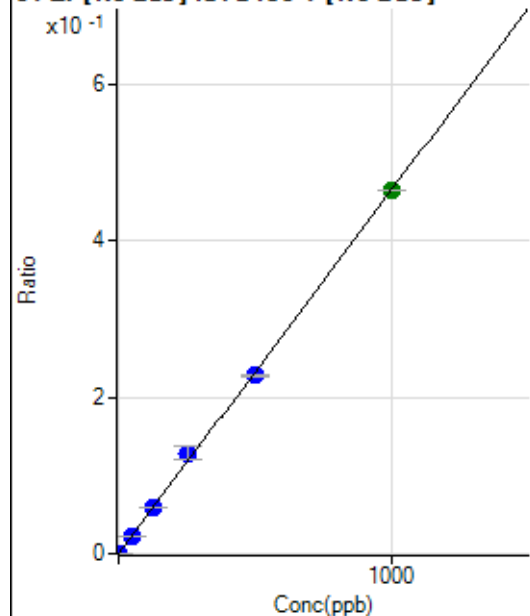
$$DL = 0.004197$$

$$BEC = 0.02529$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	37.0
2	☐	0.100					
3	☐	1.000	0.943	2019.68	0.0005	P	3.2
4	☐	50.000	49.314	105877.01	0.0229	P	1.4
5	☐	125.000	128.357	275020.30	0.0597	P	1.5
6	☐	250.000	276.844	551370.13	0.1287	P	12.2
7	☐	500.000	490.249	1045854.55	0.2280	P	1.0
8	☐	1000.000	997.779	2106690.28	0.4639	A	0.1
9	☐			405.58	0.0001	P	22.3

$$y = 4.6494E-004 * x + 1.5798E-005$$

$$R = 0.9995$$

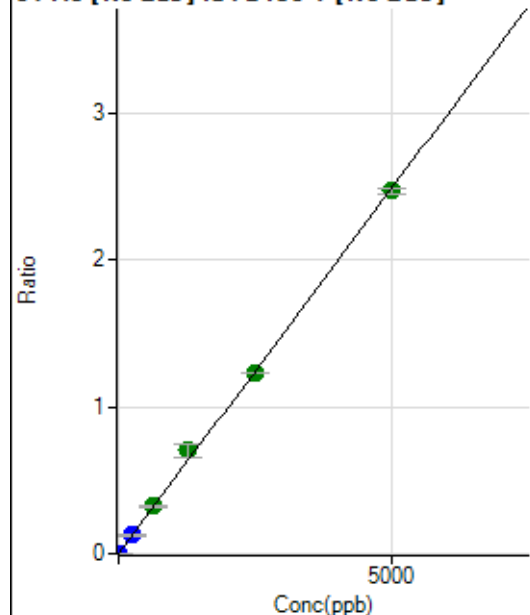
$$DL = 0.0377$$

$$BEC = 0.03398$$

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	113.89	0.0000	P	47.6
2	☐	0.500					
3	☐	5.000	4.562	10195.94	0.0023	P	3.1
4	☐	250.000	250.188	574183.89	0.1244	P	0.7
5	☐	625.000	648.785	1486435.55	0.3226	A	1.5
6	☐	1250.000	1410.123	3004212.89	0.7012	A	11.7
7	☐	2500.000	2475.151	5646752.17	1.2307	A	0.7
8	☐	5000.000	4969.411	11219729.77	2.4710	A	1.3
9	☐			4820.53	0.0011	P	6.9

$$y = 4.9723\text{E-}004 * x + 2.5928\text{E-}005$$

$$R = 0.9994$$

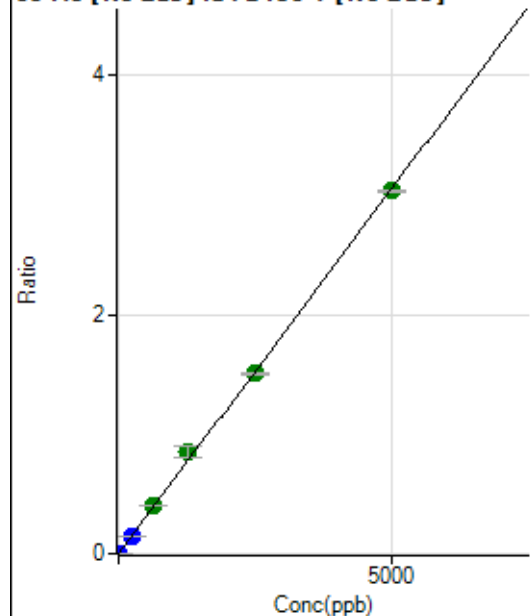
$$DL = 0.07445$$

$$BEC = 0.05215$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	44.5
2	☐	0.500					
3	☐	5.000	4.553	12372.82	0.0028	P	2.0
4	☐	250.000	249.512	701896.94	0.1521	P	0.6
5	☐	625.000	655.850	1841919.88	0.3998	A	1.0
6	☐	1250.000	1386.034	3620363.88	0.8449	A	11.6
7	☐	2500.000	2475.197	6922374.55	1.5088	A	1.0
8	☐	5000.000	4974.562	13768911.07	3.0323	A	0.8
9	☐			8066.63	0.0019	P	9.3

$$y = 6.0956\text{E-}004 * x + 8.8390\text{E-}006$$

$$R = 0.9996$$

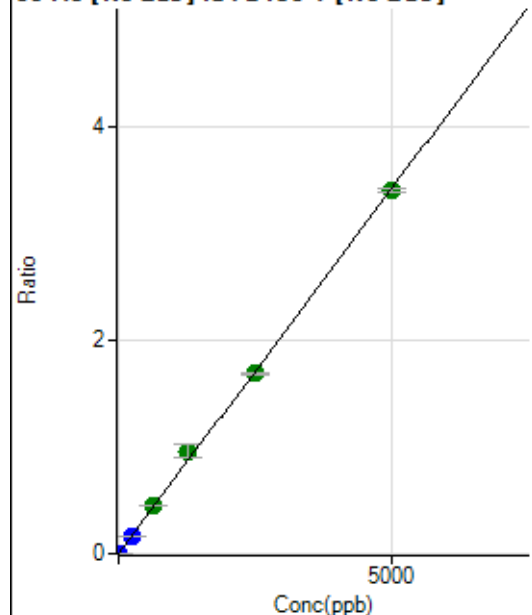
$$DL = 0.01935$$

$$BEC = 0.0145$$

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	55.56	0.0000	P	38.2
2	☐	0.500					
3	☐	5.000	4.395	13393.23	0.0030	P	3.4
4	☐	250.000	248.002	781513.01	0.1694	P	0.2
5	☐	625.000	658.618	2072085.01	0.4497	A	0.7
6	☐	1250.000	1406.900	4114418.36	0.9607	A	12.3
7	☐	2500.000	2467.630	7730873.09	1.6850	A	0.4
8	☐	5000.000	4972.858	15418660.07	3.3956	A	1.0
9	☐			9562.16	0.0022	P	9.3

$$y = 6.8283E-004 * x + 1.2643E-005$$

$$R = 0.9994$$

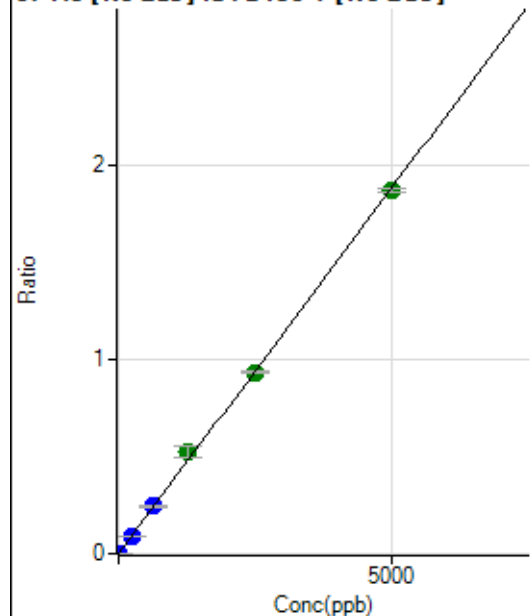
$$DL = 0.02121$$

$$BEC = 0.01852$$

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	50.00	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.567	7705.35	0.0017	P	5.0
4	☐	250.000	248.848	433162.65	0.0939	P	0.7
5	☐	625.000	646.184	1122879.62	0.2437	P	1.4
6	☐	1250.000	1406.791	2274066.39	0.5306	A	11.4
7	☐	2500.000	2486.628	4303068.67	0.9379	A	0.3
8	☐	5000.000	4964.898	8502916.34	1.8726	A	1.0
9	☐			4250.89	0.0010	P	8.6

$$y = 3.7716E-004 * x + 1.1357E-005$$

$$R = 0.9994$$

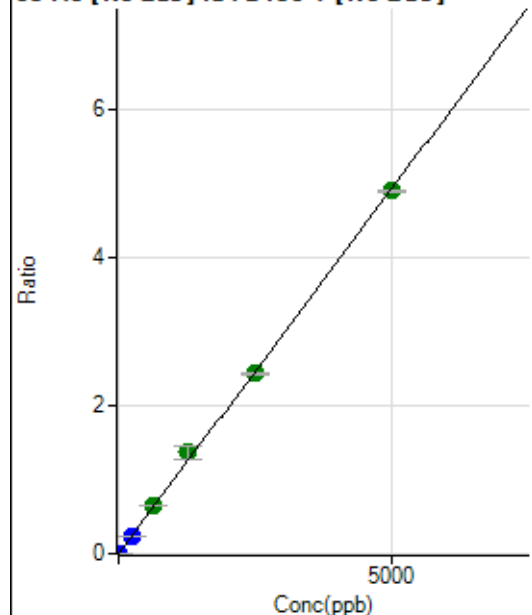
$$DL = 0.03953$$

$$BEC = 0.03011$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	8.8
2	☐	0.500					
3	☐	5.000	4.419	19389.46	0.0044	P	1.2
4	☐	250.000	247.946	1126493.12	0.2441	P	0.3
5	☐	625.000	652.131	2957874.65	0.6420	A	1.4
6	☐	1250.000	1390.128	5860440.71	1.3686	A	12.5
7	☐	2500.000	2473.364	11171984.28	2.4350	A	0.7
8	☐	5000.000	4974.998	22240387.65	4.8979	A	0.7
9	☐			11321.90	0.0026	P	7.4

$$y = 9.8449\text{E-}004 * x + 1.1995\text{E-}005$$

$$R = 0.9995$$

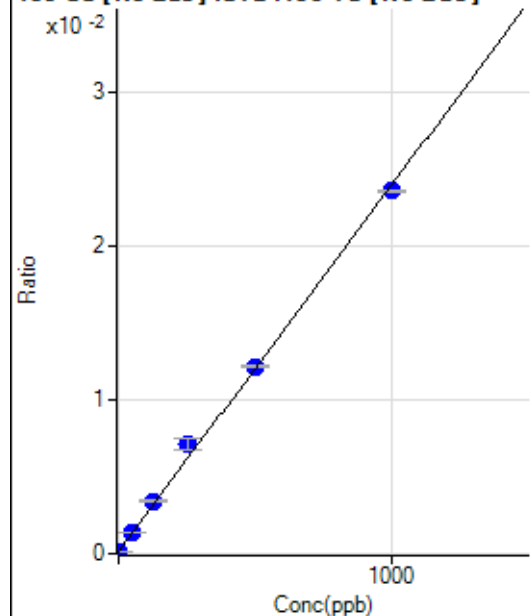
$$DL = 0.00321$$

$$BEC = 0.01218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	763.95	0.0001	P	17.2
2	☐	0.100					
3	☐	1.000	1.597	994.53	0.0002	P	2.7
4	☐	50.000	52.857	8072.19	0.0014	P	2.9
5	☐	125.000	137.441	19990.70	0.0034	P	3.7
6	☐	250.000	292.775	38929.51	0.0071	P	10.0
7	☐	500.000	505.281	73411.26	0.0122	P	1.0
8	☐	1000.000	984.967	143528.66	0.0236	P	0.6
9	☐			872.29	0.0002	P	2.8

$$y = 2.3795\text{E-}005 * x + 1.4117\text{E-}004$$

$$R = 0.9989$$

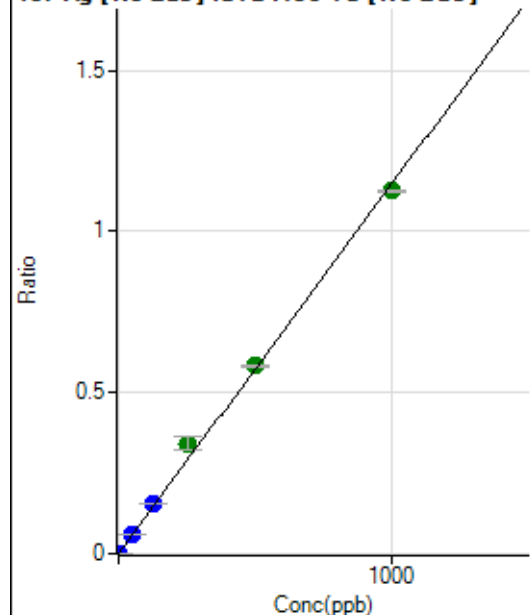
$$DL = 3.066$$

$$BEC = 5.933$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	37.9
2	☐	0.100					
3	☐	1.000	0.996	6393.45	0.0012	P	2.2
4	☐	50.000	53.944	356886.81	0.0618	P	0.8
5	☐	125.000	135.971	913398.77	0.1559	P	0.4
6	☐	250.000	297.564	1865758.42	0.3411	A	11.9
7	☐	500.000	509.047	3521716.70	0.5835	A	1.0
8	☐	1000.000	982.017	6852689.22	1.1257	A	0.5
9	☐			491.70	0.0001	P	3.2

$$y = 0.0011 * x + 1.0786E-005$$

$$R = 0.9986$$

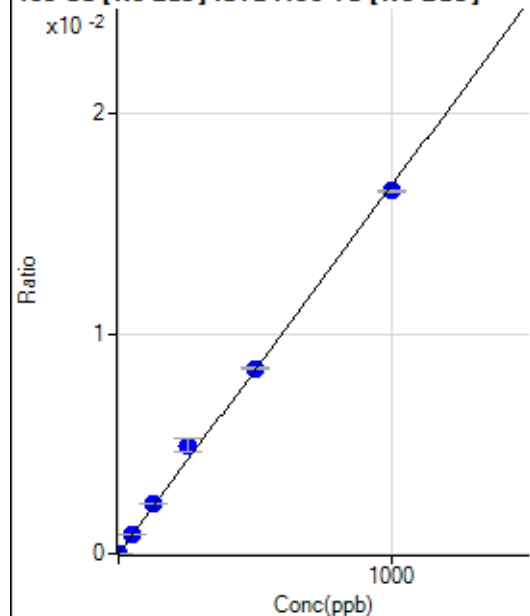
$$DL = 0.0107$$

$$BEC = 0.009409$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.94	0.0000	P	91.6
2	☐	0.100					
3	☐	1.000	1.032	102.78	0.0000	P	21.0
4	☐	50.000	53.714	5190.00	0.0009	P	2.3
5	☐	125.000	136.927	13423.61	0.0023	P	1.3
6	☐	250.000	294.134	26878.61	0.0049	P	13.4
7	☐	500.000	502.145	50679.93	0.0084	P	1.0
8	☐	1000.000	986.218	100392.28	0.0165	P	0.5
9	☐			27.78	0.0000	P	27.7

$$y = 1.6721E-005 * x + 1.2824E-006$$

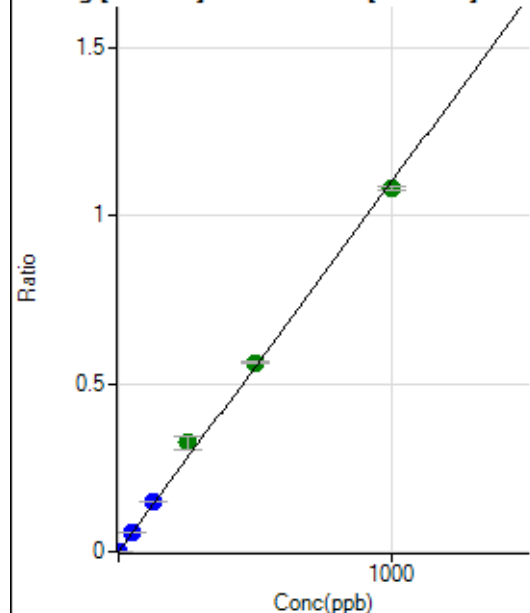
$$R = 0.9989$$

$$DL = 0.2107$$

$$BEC = 0.07669$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	21.6
2	☐	0.100					
3	☐	1.000	0.992	6096.15	0.0011	P	3.8
4	☐	50.000	53.957	342262.02	0.0593	P	0.8
5	☐	125.000	136.047	876262.81	0.1495	P	0.7
6	☐	250.000	295.386	1775549.71	0.3247	A	12.1
7	☐	500.000	511.386	3392244.91	0.5621	A	0.9
8	☐	1000.000	981.382	6566290.55	1.0787	A	0.9
9	☐			469.48	0.0001	P	20.2

$$y = 0.0011 * x + 8.2133E-006$$

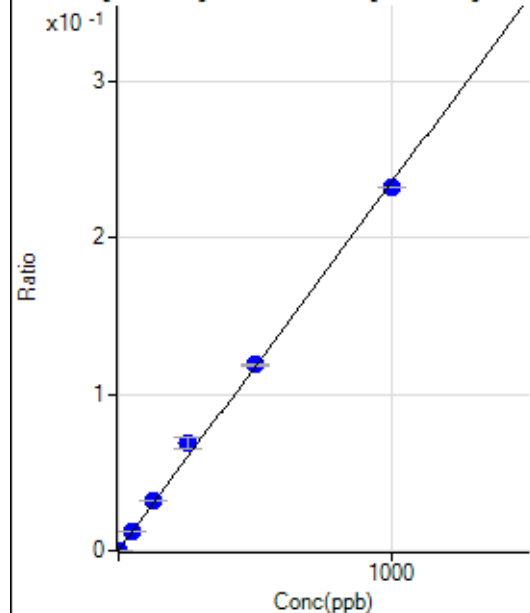
$$R = 0.9987$$

$$DL = 0.004841$$

$$BEC = 0.007473$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	547.96	0.0001	P	16.6
2	☐	0.100					
3	☐	1.000	0.951	1804.86	0.0003	P	2.5
4	☐	50.000	53.492	73270.45	0.0127	P	1.0
5	☐	125.000	136.339	188722.64	0.0322	P	1.2
6	☐	250.000	291.496	376123.89	0.0687	P	11.4
7	☐	500.000	505.061	718381.46	0.1190	P	1.1
8	☐	1000.000	985.503	1413331.64	0.2322	P	0.1
9	☐			857.84	0.0002	P	2.2

$$y = 2.3549E-004 * x + 1.0126E-004$$

$$R = 0.9990$$

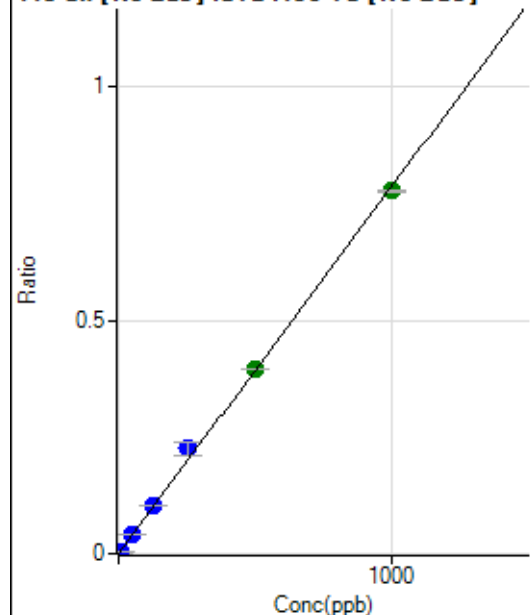
$$DL = 0.2137$$

$$BEC = 0.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	455.59	0.0001	P	10.6
2	☐	0.500					
3	☐	5.000	4.556	20335.73	0.0037	P	1.1
4	☐	50.000	51.897	235763.86	0.0409	P	0.6
5	☐	125.000	131.810	607308.33	0.1036	P	0.5
6	☐	250.000	285.645	1228199.50	0.2245	P	11.6
7	☐	500.000	502.872	2384905.85	0.3952	A	0.9
8	☐	1000.000	988.709	4729134.74	0.7769	A	0.3
9	☐			4687.18	0.0008	P	12.5

$$y = 7.8566E-004 * x + 8.4196E-005$$

$$R = 0.9993$$

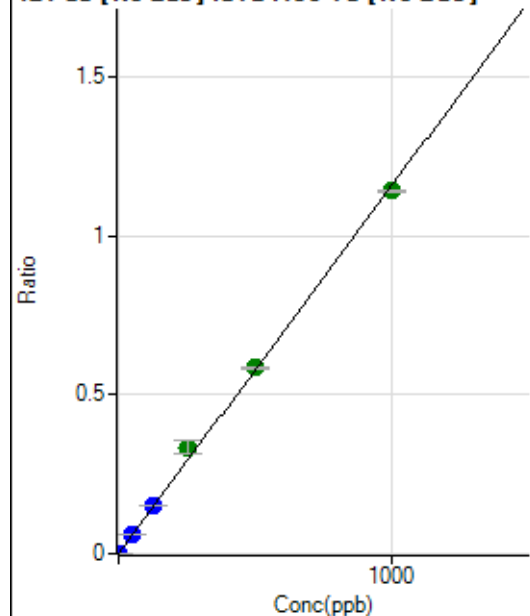
$$DL = 0.03412$$

$$BEC = 0.1072$$

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	77.78	0.0000	P	52.9
2	☐	0.200					
3	☐	2.000	1.846	11922.49	0.0021	P	1.1
4	☐	50.000	51.715	344933.51	0.0598	P	0.8
5	☐	125.000	131.424	890026.52	0.1519	P	0.4
6	☐	250.000	289.755	1830569.40	0.3349	A	12.6
7	☐	500.000	504.820	3520651.34	0.5834	A	1.5
8	☐	1000.000	986.763	6941601.02	1.1403	A	0.9
9	☐			7519.13	0.0013	P	1.5

$$y = 0.0012 * x + 1.4380E-005$$

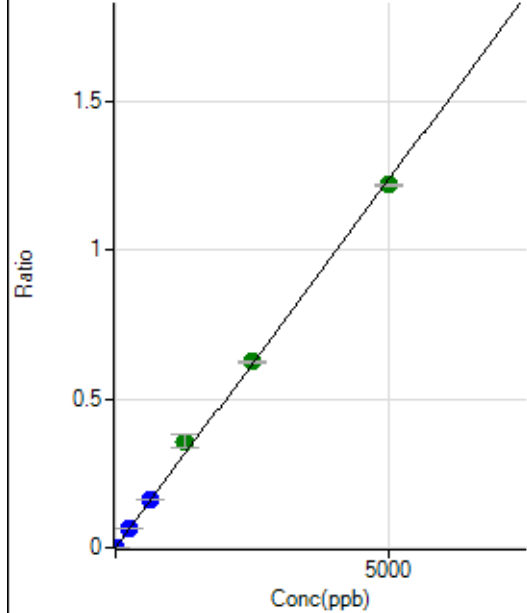
$$R = 0.9991$$

$$DL = 0.01977$$

$$BEC = 0.01244$$

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	38.89	0.0000	P	44.7
2	☐	1.000					
3	☐	10.000	9.166	12609.32	0.0023	P	0.6
4	☐	250.000	256.863	366224.88	0.0635	P	0.2
5	☐	625.000	656.587	950548.74	0.1622	P	0.3
6	☐	1250.000	1449.317	1957544.58	0.3581	A	12.5
7	☐	2500.000	2526.080	3766237.85	0.6241	A	1.4
8	☐	5000.000	4932.841	7418553.55	1.2187	A	0.4
9	☐			1883.56	0.0003	P	8.3

$$y = 2.4705\text{E-}004 * x + 7.1889\text{E-}006$$

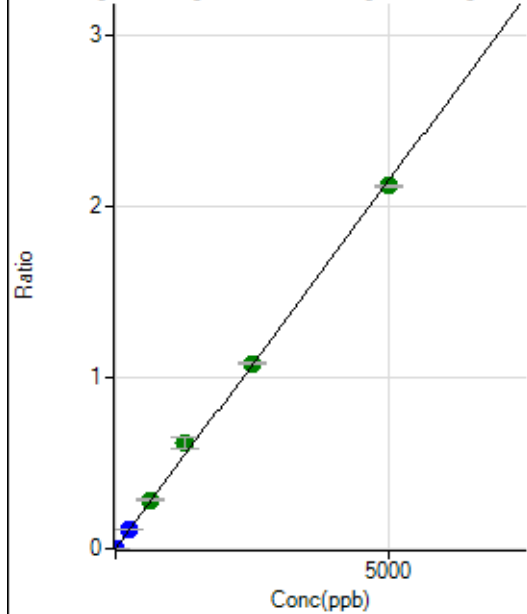
$$R = 0.9991$$

$$DL = 0.03902$$

$$BEC = 0.0291$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	81.1
2	☐	1.000					
3	☐	10.000	9.062	21618.58	0.0039	P	1.3
4	☐	250.000	257.796	638381.15	0.1106	P	0.6
5	☐	625.000	666.362	1675535.91	0.2859	A	1.4
6	☐	1250.000	1447.610	3399112.40	0.6212	A	11.3
7	☐	2500.000	2522.488	6532181.44	1.0824	A	1.7
8	☐	5000.000	4933.795	12887796.82	2.1171	A	0.6
9	☐			3556.22	0.0006	P	16.0

$$y = 4.2911\text{E-}004 * x + 6.6788\text{E-}006$$

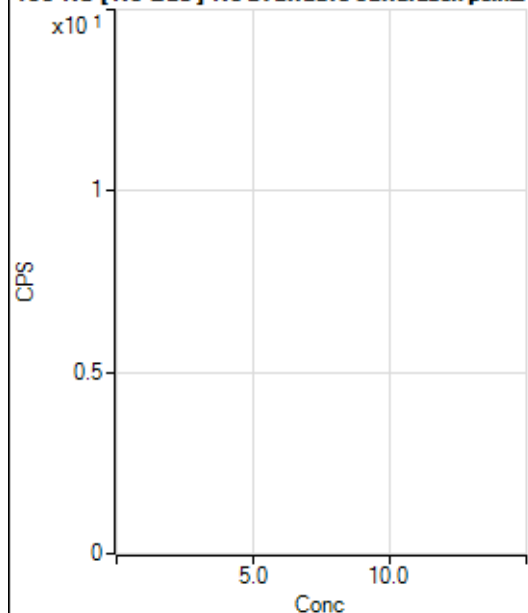
$$R = 0.9991$$

$$DL = 0.03787$$

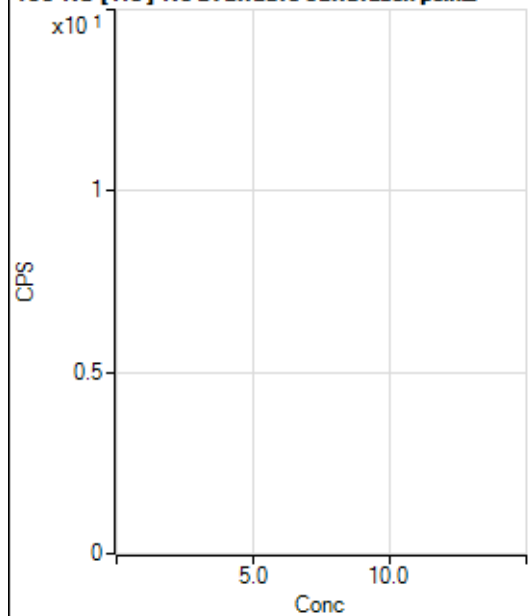
$$BEC = 0.01556$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	66.7
2	☐						
3	☐			6.67		P	100.0
4	☐			26.67		P	25.0
5	☐			44.45		P	34.6
6	☐			102.23		P	10.0
7	☐			160.01		P	4.2
8	☐			260.01		P	25.6
9	☐			66.67		P	52.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			4.44		P	43.4
7	☐			2.22		P	173.2
8	☐			2.22		P	173.2
9	☐			10.00		P	88.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			50.00		P	16.7
4	☐			52.78		P	39.7
5	☐			44.45		P	10.8
6	☐			41.67		P	40.0
7	☐			69.45		P	13.9
8	☐			83.34		P	10.0
9	☐			94.45		P	10.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			0.00		P	
6	☐			6.67		P	50.0
7	☐			7.78		P	65.5
8	☐			12.22		P	41.7
9	☐			7.78		P	65.5

160 Gd [No Gas] Noavailable calibration poin_

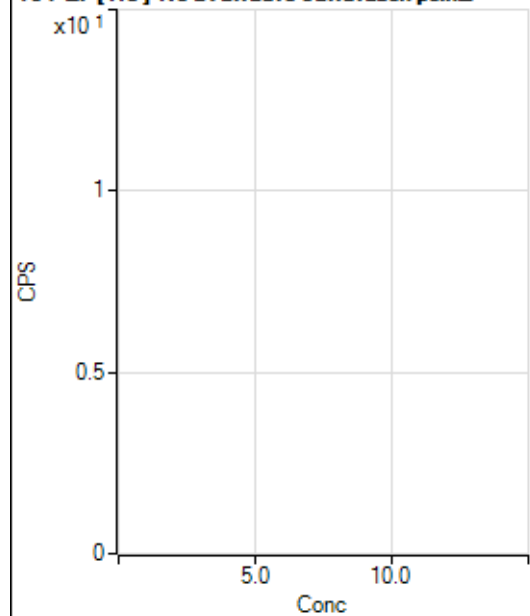
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐						
3	☐			38.89		P	53.9
4	☐			41.67		P	20.0
5	☐			33.33		P	25.0
6	☐			38.89		P	32.7
7	☐			44.44		P	21.7
8	☐			80.56		P	46.6
9	☐			69.45		P	30.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			3.33		P	0.0
4	☐			3.33		P	100.1
5	☐			5.56		P	34.7
6	☐			4.44		P	43.4
7	☐			8.89		P	57.3
8	☐			10.00		P	66.7
9	☐			6.66		P	86.6

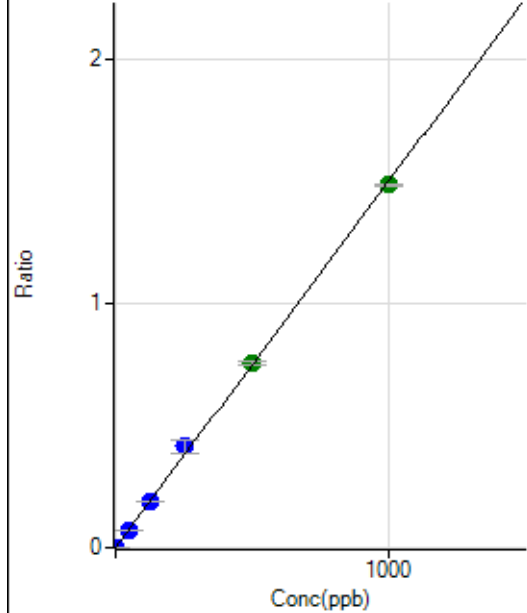
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			52.78		P	18.2
4	☐			27.78		P	34.6
5	☐			27.78		P	34.6
6	☐			30.56		P	56.8
7	☐			50.00		P	44.1
8	☐			33.34		P	66.1
9	☐			33.34		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			8.89		P	21.6
4	☐			4.44		P	114.6
5	☐			3.33		P	0.0
6	☐			5.56		P	34.7
7	☐			4.44		P	114.6
8	☐			4.44		P	43.4
9	☐			4.45		P	86.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	0.911	5145.77	0.0014	P	3.5
4	☐	50.000	49.154	281377.98	0.0737	P	1.0
5	☐	125.000	127.894	735108.69	0.1917	P	0.6
6	☐	250.000	276.651	1511783.49	0.4147	P	12.4
7	☐	500.000	504.372	3022055.32	0.7560	A	1.2
8	☐	1000.000	990.832	5963368.58	1.4852	A	0.4
9	☐			2944.93	0.0008	P	8.2

$$y = 0.0015 * x + 5.3516E-005$$

$$R = 0.9996$$

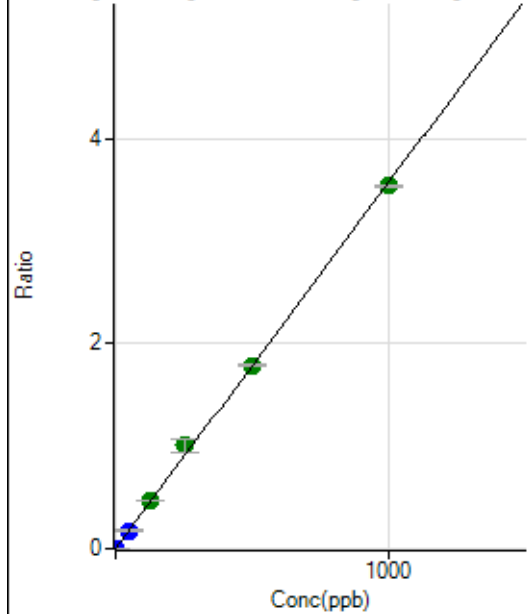
$$DL = 0.008977$$

$$BEC = 0.0357$$

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	558.37	0.0002	P	15.7
2	☐	0.100					
3	☐	1.000	0.906	12295.36	0.0034	P	1.5
4	☐	50.000	49.704	678137.15	0.1777	P	1.5
5	☐	125.000	130.612	1789100.71	0.4667	A	0.2
6	☐	250.000	282.116	3673872.74	1.0078	A	12.4
7	☐	500.000	500.426	7145634.36	1.7876	A	0.6
8	☐	1000.000	991.071	14214395.63	3.5401	A	0.3
9	☐			7460.89	0.0021	P	11.9

$$y = 0.0036 * x + 1.5384E-004$$

$$R = 0.9994$$

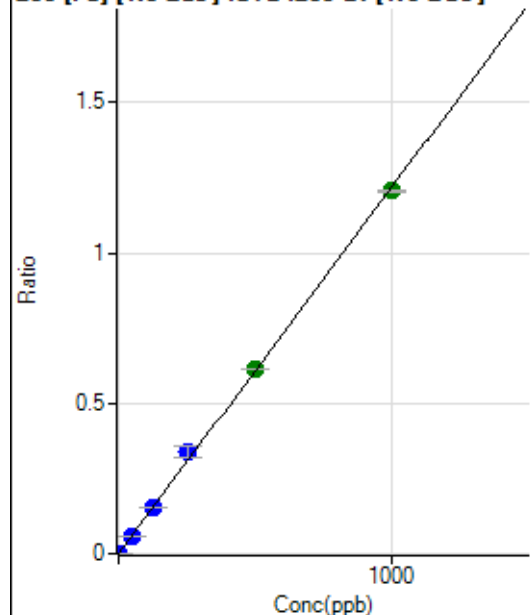
$$DL = 0.02024$$

$$BEC = 0.04307$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	346.32	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.925	4434.24	0.0012	P	0.5
4	☐	50.000	49.484	230294.69	0.0603	P	1.3
5	☐	125.000	128.290	599157.10	0.1563	P	0.3
6	☐	250.000	276.793	1229208.29	0.3371	P	12.0
7	☐	500.000	503.569	2451109.55	0.6132	A	0.7
8	☐	1000.000	991.132	4845602.19	1.2068	A	0.3
9	☐			8955.27	0.0025	P	5.0

$$y = 0.0012 * x + 9.5332E-005$$

$$R = 0.9996$$

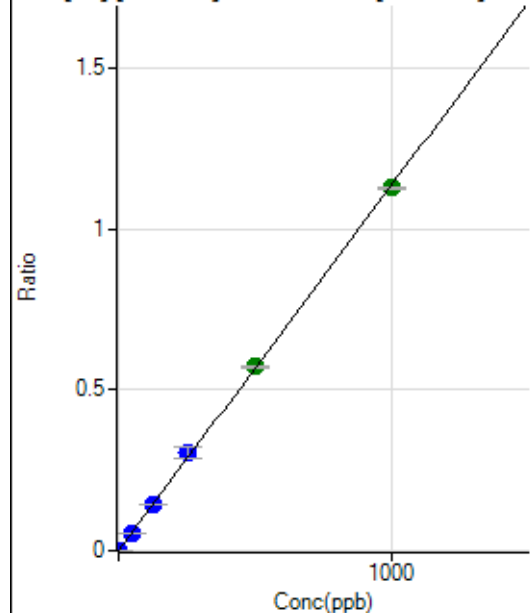
$$DL = 0.03398$$

$$BEC = 0.0783$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.34	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.905	4008.16	0.0011	P	5.2
4	☐	50.000	48.249	209245.61	0.0548	P	0.5
5	☐	125.000	125.194	544902.03	0.1421	P	0.5
6	☐	250.000	269.998	1117356.56	0.3064	P	12.1
7	☐	500.000	504.459	2288406.42	0.5725	A	0.9
8	☐	1000.000	992.834	4523727.47	1.1266	A	0.6
9	☐			7569.14	0.0021	P	7.9

$$y = 0.0011 * x + 7.7926E-005$$

$$R = 0.9997$$

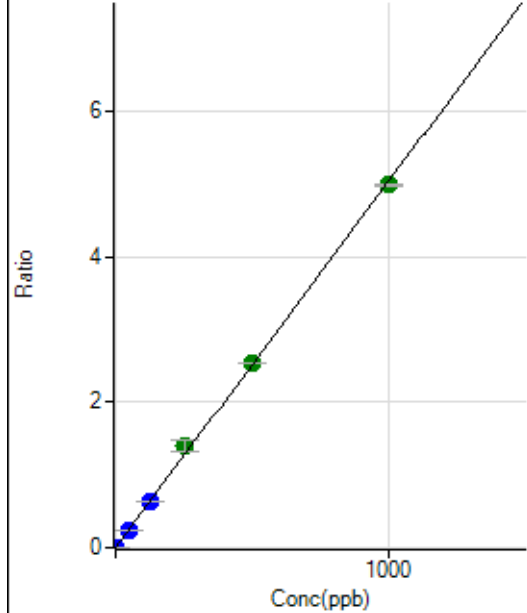
$$DL = 0.03518$$

$$BEC = 0.06868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1327.85	0.0004	P	5.0
2	☐	0.100					
3	☐	1.000	0.894	17671.94	0.0049	P	3.1
4	☐	50.000	48.693	937532.28	0.2457	P	0.3
5	☐	125.000	126.242	2439336.17	0.6363	P	0.4
6	☐	250.000	278.684	5119320.64	1.4042	A	12.3
7	☐	500.000	504.040	10150776.21	2.5394	A	0.7
8	☐	1000.000	990.719	20039936.84	4.9910	A	0.4
9	☐			35190.50	0.0098	P	7.2

$$y = 0.0050 * x + 3.6544E-004$$

$$R = 0.9995$$

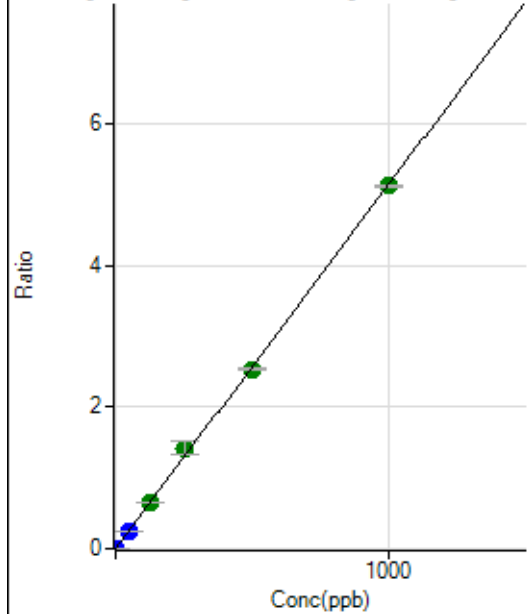
$$DL = 0.01079$$

$$BEC = 0.07255$$

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	25.00	0.0000	P	88.0
2	☐	0.100					
3	☐	1.000	0.858	16013.84	0.0044	P	4.6
4	☐	50.000	47.590	933418.99	0.2446	P	0.6
5	☐	125.000	127.599	2513920.41	0.6557	A	0.2
6	☐	250.000	276.478	5178702.63	1.4208	A	12.6
7	☐	500.000	492.890	10125209.08	2.5330	A	0.6
8	☐	1000.000	996.731	20566870.08	5.1222	A	0.7
9	☐			1572.41	0.0004	P	10.6

$$y = 0.0051 * x + 6.8609E-006$$

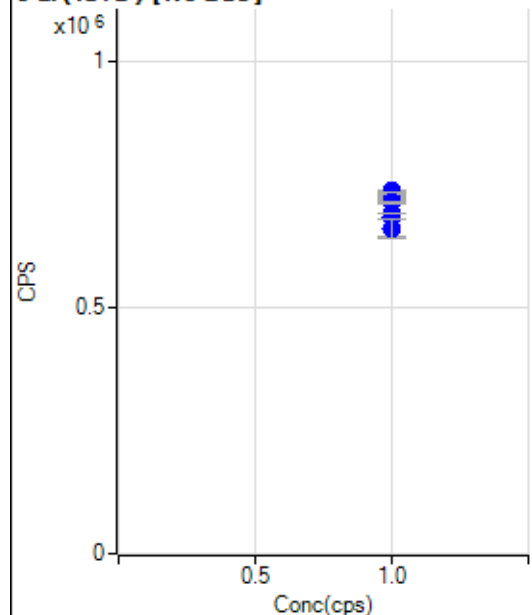
$$R = 0.9996$$

$$DL = 0.003524$$

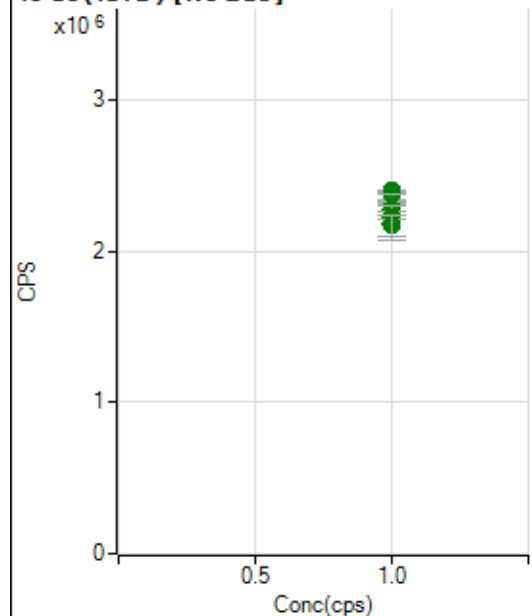
$$BEC = 0.001335$$

Weight: <None>

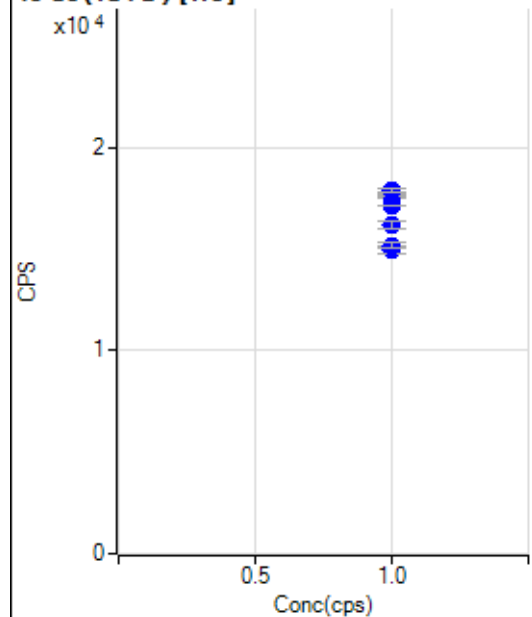
Min Conc: 0

6 Li (ISTD) [No Gas]

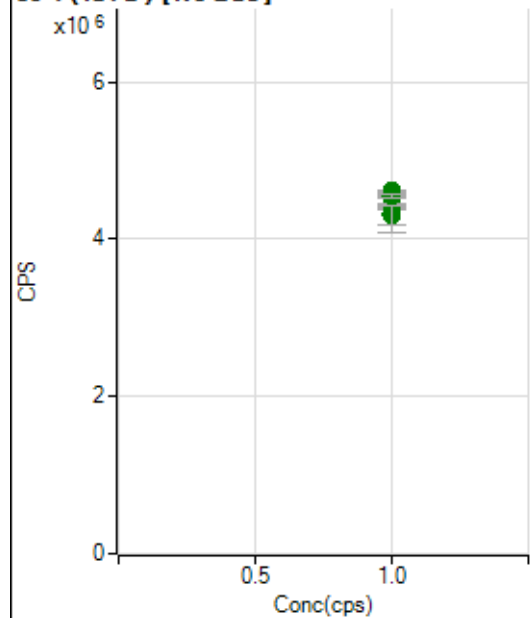
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		724780.02		P	0.3
2	☐	1.000					
3	☐	1.000		716658.51		P	0.3
4	☐	1.000		736907.21		P	0.3
5	☐	1.000		731164.71		P	0.4
6	☐	1.000		681816.51		P	11.0
7	☐	1.000		713602.37		P	0.6
8	☐	1.000		690793.31		P	0.4
9	☐	1.000		660988.83		P	6.1

45 Sc (ISTD) [No Gas]

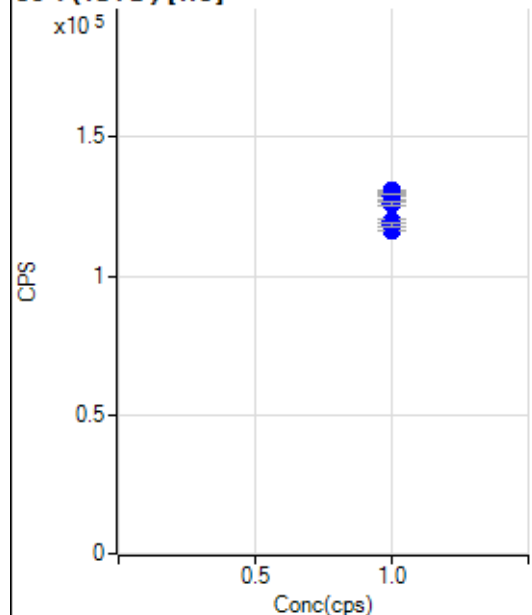
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2320517.11		A	0.4
2	☐	1.000					
3	☐	1.000		2333875.68		A	0.6
4	☐	1.000		2398993.41		A	0.5
5	☐	1.000		2373930.02		A	0.2
6	☐	1.000		2184669.69		A	10.6
7	☐	1.000		2281770.60		A	1.4
8	☐	1.000		2221166.52		A	1.1
9	☐	1.000		2169898.40		A	6.8

45 Sc (ISTD) [He]

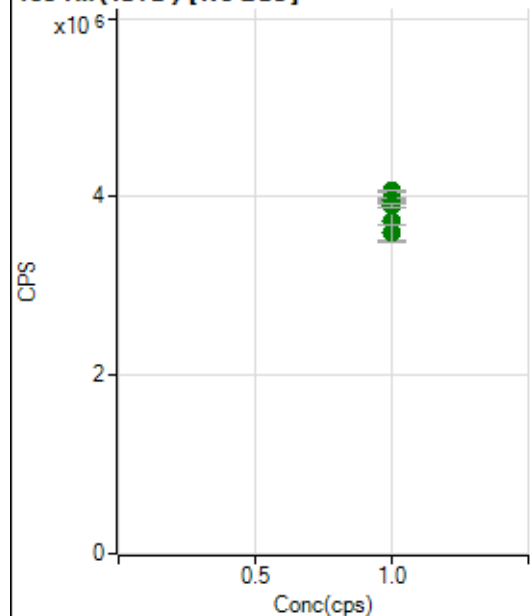
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17610.13		P	0.8
2	☐	1.000					
3	☐	1.000		17669.05		P	0.8
4	☐	1.000		17872.65		P	1.1
5	☐	1.000		17168.46		P	0.3
6	☐	1.000		16199.55		P	2.4
7	☐	1.000		15183.95		P	2.1
8	☐	1.000		15008.20		P	2.6
9	☐	1.000		15203.95		P	2.1

89 Y (ISTD) [No Gas]

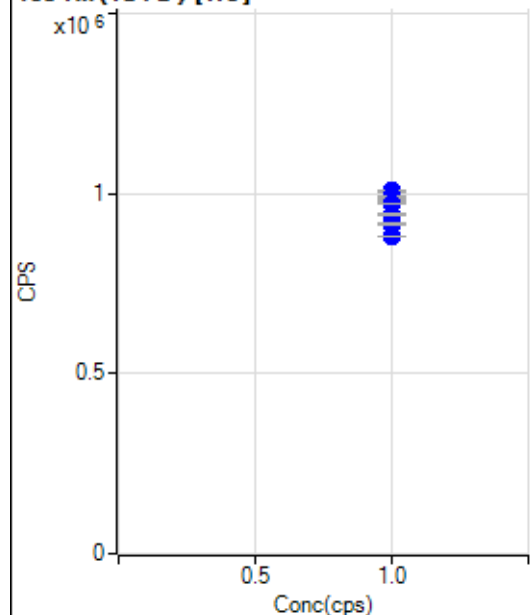
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4399269.00		A	0.5
2	☐	1.000					
3	☐	1.000		4444282.54		A	0.0
4	☐	1.000		4614620.21		A	0.3
5	☐	1.000		4607503.58		A	1.0
6	☐	1.000		4320615.56		A	10.7
7	☐	1.000		4588127.33		A	0.5
8	☐	1.000		4541012.12		A	1.1
9	☐	1.000		4316321.29		A	5.7

89 Y (ISTD) [He]

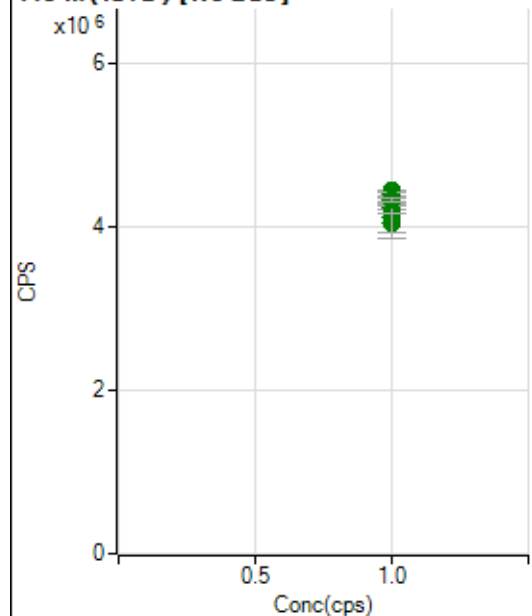
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		128941.44		P	0.6
2	☐	1.000					
3	☐	1.000		128609.39		P	1.5
4	☐	1.000		130647.63		P	0.6
5	☐	1.000		129480.93		P	0.3
6	☐	1.000		125913.54		P	0.8
7	☐	1.000		119626.50		P	1.1
8	☐	1.000		116557.22		P	0.2
9	☐	1.000		118138.22		P	1.1

103 Rh (ISTD) [No Gas]

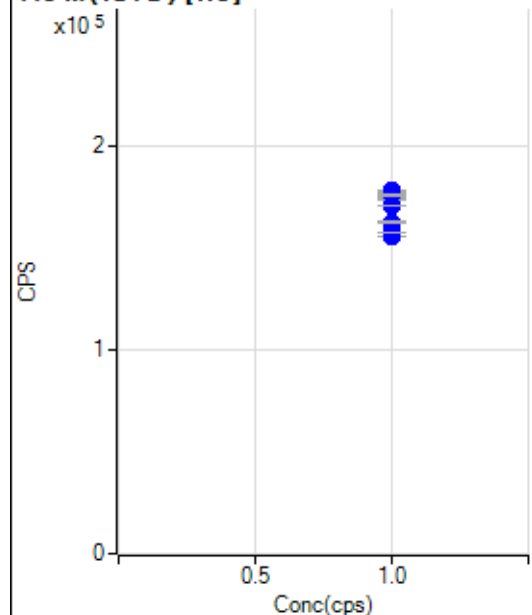
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3965004.99		A	0.4
2	☐	1.000					
3	☐	1.000		3974033.60		A	1.2
4	☐	1.000		4066758.43		A	0.5
5	☐	1.000		4063372.70		A	0.5
6	☐	1.000		3735355.59		A	11.5
7	☐	1.000		3964942.06		A	1.1
8	☐	1.000		3895114.10		A	1.0
9	☐	1.000		3591428.47		A	5.4

103 Rh (ISTD) [He]

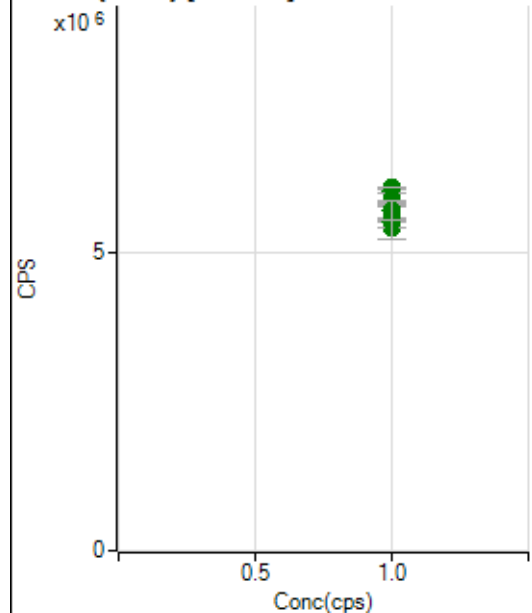
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		984000.53		P	1.1
2	☐	1.000					
3	☐	1.000		983764.04		P	0.3
4	☐	1.000		1008213.69		P	0.3
5	☐	1.000		993298.40		P	0.5
6	☐	1.000		973022.76		P	0.1
7	☐	1.000		942965.93		P	0.7
8	☐	1.000		914991.77		P	0.5
9	☐	1.000		880999.99		P	0.2

115 In (ISTD) [No Gas]

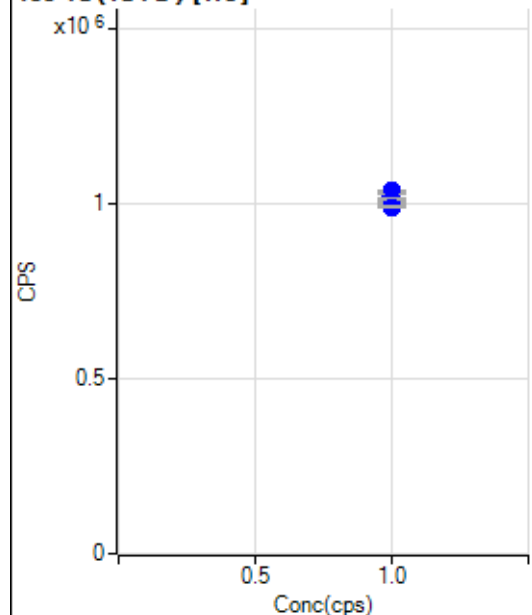
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4239367.30		A	0.8
2	☐	1.000					
3	☐	1.000		4270638.90		A	0.6
4	☐	1.000		4445963.72		A	0.7
5	☐	1.000		4436301.25		A	0.3
6	☐	1.000		4129477.02		A	12.3
7	☐	1.000		4401792.96		A	1.6
8	☐	1.000		4334466.50		A	0.7
9	☐	1.000		4054661.75		A	5.6

115 In (ISTD) [He]

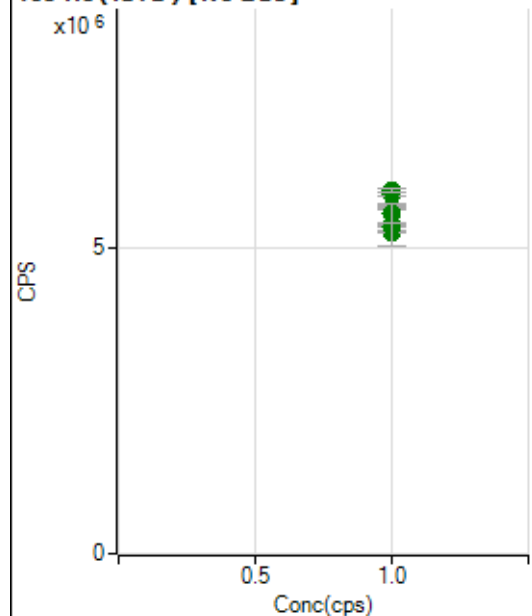
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		175084.00		P	1.0
2	☐	1.000					
3	☐	1.000		174163.01		P	0.3
4	☐	1.000		178269.95		P	0.8
5	☐	1.000		176381.10		P	0.9
6	☐	1.000		171035.55		P	0.2
7	☐	1.000		162865.83		P	0.8
8	☐	1.000		155805.43		P	0.1
9	☐	1.000		157966.13		P	0.2

159 Tb (ISTD) [No Gas]

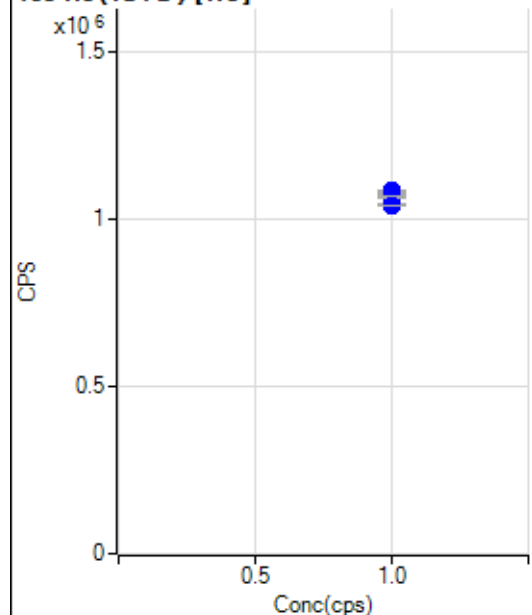
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5410592.83		A	0.2
2	☐	1.000					
3	☐	1.000		5550437.28		A	0.7
4	☐	1.000		5770397.76		A	0.3
5	☐	1.000		5859679.15		A	0.2
6	☐	1.000		5516233.22		A	10.7
7	☐	1.000		6035462.82		A	1.2
8	☐	1.000		6087367.96		A	0.1
9	☐	1.000		5705351.27		A	5.7

159 Tb (ISTD) [He]

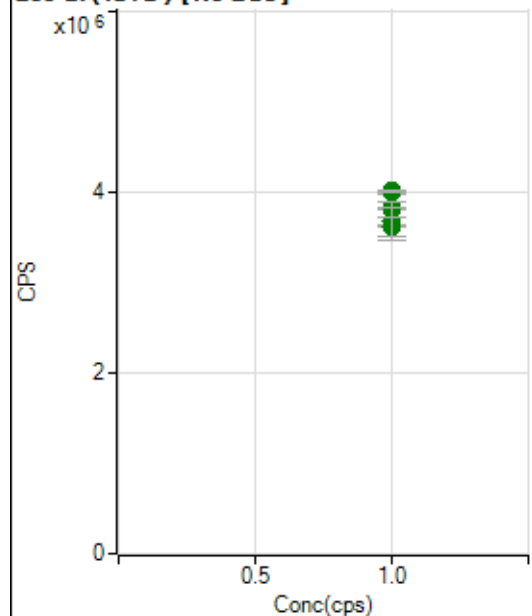
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		999103.17		P	0.7
2	☐	1.000					
3	☐	1.000		1001544.95		P	0.5
4	☐	1.000		1035028.18		P	0.4
5	☐	1.000		1034830.65		P	0.4
6	☐	1.000		1026098.19		P	0.4
7	☐	1.000		1020481.15		P	0.7
8	☐	1.000		1011078.41		P	0.7
9	☐	1.000		990145.17		P	0.3

165 Ho (ISTD) [No Gas]

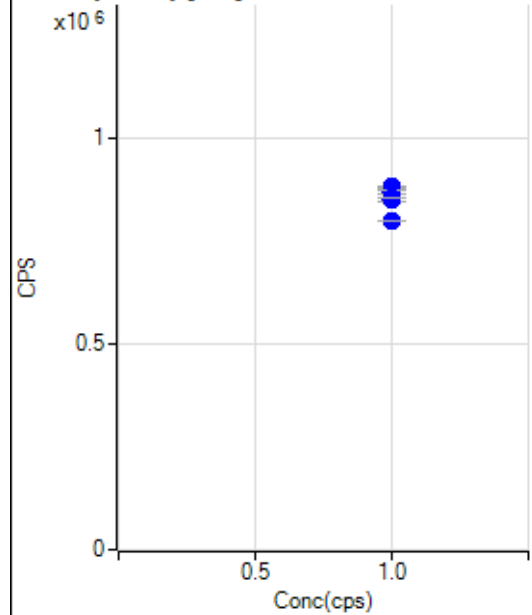
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5272541.09		A	0.3
2	☐	1.000					
3	☐	1.000		5382050.86		A	0.5
4	☐	1.000		5665212.36		A	0.9
5	☐	1.000		5678665.54		A	0.5
6	☐	1.000		5363738.10		A	11.5
7	☐	1.000		5895203.08		A	1.0
8	☐	1.000		5941461.64		A	1.0
9	☐	1.000		5573306.98		A	5.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1040913.39		P	0.2
2	☐	1.000					
3	☐	1.000		1040582.25		P	0.1
4	☐	1.000		1081296.30		P	0.1
5	☐	1.000		1082366.02		P	0.7
6	☐	1.000		1078887.40		P	0.3
7	☐	1.000		1071548.29		P	0.4
8	☐	1.000		1063172.30		P	0.3
9	☐	1.000		1040996.74		P	0.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3632540.78		A	0.9
2	☐	1.000					
3	☐	1.000		3628774.95		A	0.6
4	☐	1.000		3816543.00		A	0.4
5	☐	1.000		3833697.76		A	0.1
6	☐	1.000		3680072.34		A	11.4
7	☐	1.000		3997438.73		A	0.6
8	☐	1.000		4015270.04		A	0.3
9	☐	1.000		3611228.76		A	5.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		852841.60		P	0.9
2	☐	1.000					
3	☐	1.000		856396.72		P	0.1
4	☐	1.000		882363.67		P	0.3
5	☐	1.000		882511.00		P	0.6
6	☐	1.000		875296.14		P	0.2
7	☐	1.000		870639.60		P	0.7
8	☐	1.000		856722.93		P	0.4
9	☐	1.000		798987.70		P	0.3

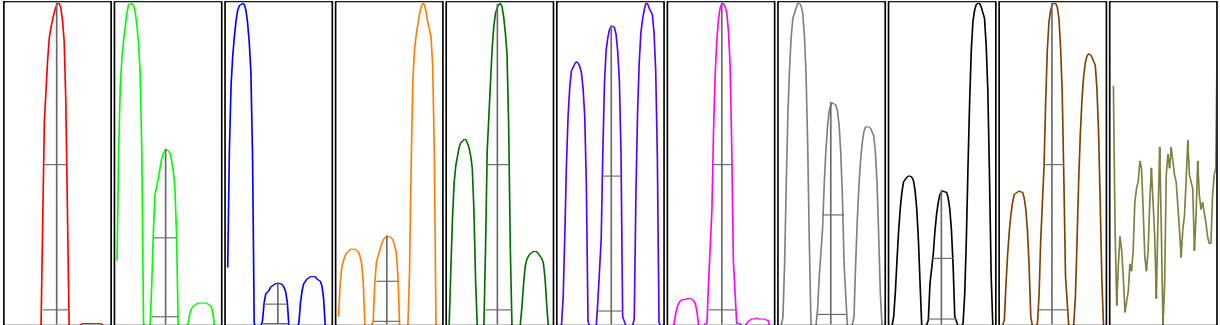
US EPA Tune Check Sample Report

Batch Folder D:\P8011718MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4333	1.03	5.00	
24	26952	0.88	5.00	
25	3593	0.73	5.00	
26	4116	1.15	5.00	
59	48926	0.93	5.00	
113	6870	0.69	5.00	
115	87654	1.95	5.00	
206	21837	0.75	5.00	
207	19512	0.83	5.00	
208	46722	0.88	5.00	
220	1	9.61		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4340	4387	4268	4315	4353
24	26792	26956	26658	27096	27257
25	3582	3600	3566	3581	3634
26	4124	4109	4039	4145	4161
59	49083	49314	48133	49090	49007
113	6890	6929	6799	6869	6864
115	89196	89402	85561	87821	86288
206	21804	21952	21564	21902	21962
207	19553	19592	19226	19579	19608
208	46518	47024	46089	46962	47017
220	1	2	2	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6919	9.00	8.9 - 9.1		0.786	0.900	
24	43100	23.95	23.9 - 24.1		0.785	0.900	
25	5686	25.00	24.9 - 25.1		0.775	0.900	
26	6640	25.95	25.9 - 26.1		0.751	0.900	
59	81880	58.95	58.9 - 59.1		0.780	0.900	
113	12351	113.05	112.9 - 113.1		0.719	0.900	
115	155977	115.05	114.9 - 115.1		0.773	0.900	
206	37748	206.00	205.9 - 206.1		0.808	0.900	
207	33830	207.00	206.9 - 207.1		0.761	0.900	
208	81123	208.00	207.9 - 208.1		0.810	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	14.0	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5936	1.71	
89	1308	1.44	
205	9100	1.90	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5992	5980	5965	5989	5755
89	1328	1312	1307	1316	1277
205	9217	9136	9222	9125	8800

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	2.2	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:25:56	DataFile Name :	004CALB_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	-2.20	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.03	-0.03	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.05	-0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.42	0.44	0.00	N/A	ppb
Boron	11-1	0.48	0.07	-0.55	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.04	-0.04	0.00	N/A	ppb
Cadmium	106-1	1.17	-0.69	-0.49	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.08	0.02	0.00	N/A	ppb
Calcium	43-1	-0.41	2.28	-1.87	0.00	N/A	ppb
Calcium	44-1	0.77	-0.88	0.11	0.00	N/A	ppb
Chromium	52-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.02	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	-0.02	0.04	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	-0.28	-0.26	0.54	0.00	N/A	ppb
Iron	57-2	3.64	-2.41	-1.24	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	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	0.02	-1.63	1.61	0.00	N/A	ppb
Manganese	55-2	0.04	0.09	-0.13	0.00	N/A	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:25:56	DataFile Name :	004CALB_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-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	0.04	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-5.23	-5.23	26.13	5.23	346.41	ppb
Potassium	39-2	-15.08	-6.37	21.45	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	-0.86	0.43	0.43	0.00	N/A	ppb
Selenium	82-1	0.46	0.22	-0.67	0.00	N/A	ppb
Silicon	28-1	2.33	0.42	-2.75	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	4.86	-9.54	4.68	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	56.54	144.18	22.16	74.30	84.69	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.06	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	0.04	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:25:56	DataFile Name :	004CALB_P8011718MS.

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

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.98	13.14	17.73	18.28	29.75	ppb
Antimony	121-1	1.82	1.87	1.85	1.85	1.15	ppb
Arsenic	75-2	1.09	0.85	1.01	0.98	12.24	ppb
Barium	135-1	9.12	9.22	9.16	9.17	0.59	ppb
Barium	137-1	9.06	8.95	9.18	9.06	1.29	ppb
Beryllium	9-1	1.00	1.03	1.06	1.03	2.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	21.50	20.69	22.26	21.48	3.65	ppb
Boron	11-1	21.43	22.94	23.10	22.49	4.11	ppb
Cadmium	111-1	0.98	0.96	0.91	0.95	3.62	ppb
Cadmium	106-1	1.73	1.70	1.36	1.60	12.80	ppb
Cadmium	108-1	1.00	0.81	1.28	1.03	22.58	ppb
Calcium	43-1	396.48	434.37	443.09	424.65	5.84	ppb
Calcium	44-1	434.41	434.93	445.54	438.29	1.43	ppb
Chromium	52-2	1.62	1.79	1.76	1.73	5.32	ppb
Cobalt	59-2	0.94	0.91	0.86	0.91	4.31	ppb
Copper	63-2	1.92	1.81	1.80	1.84	3.78	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	45.49	47.73	43.88	45.70	4.24	ppb
Iron	57-2	46.80	44.62	45.14	45.52	2.50	ppb
Lead	206-1	0.93	0.92	0.92	0.93	0.51	ppb
Lead	207-1	0.90	0.86	0.96	0.90	5.59	ppb
Lead	208-1	0.90	0.86	0.92	0.89	3.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	492.64	478.03	483.43	484.70	1.52	ppb
Manganese	55-2	0.74	0.65	0.79	0.73	9.75	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.62	4.67	4.40	4.56	3.15	ppb
Molybdenum	95-1	4.59	4.45	4.62	4.55	1.97	ppb
Molybdenum	96-1	4.52	4.23	4.43	4.39	3.44	ppb
Molybdenum	97-1	4.83	4.44	4.43	4.57	5.00	ppb
Molybdenum	98-1	4.36	4.46	4.44	4.42	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	1.00	1.10	0.94	21.86	ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	495.21	473.13	495.87	488.07	2.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.25	12.04	4.41	6.90	64.52	ppb
Selenium	82-1	5.20	4.55	4.66	4.80	7.21	ppb
Silicon	28-1	12.95	15.52	13.82	14.09	9.28	ppb
Silver	109-1	1.02	0.95	1.01	0.99	3.81	ppb
Silver	107-1	1.01	0.97	1.01	1.00	2.24	ppb
Sodium	23-2	443.87	460.04	477.34	460.42	3.64	ppb
Strontium	86-1	0.83	0.88	0.83	0.85	3.41	ppb
Strontium	88-1	0.94	0.91	0.93	0.92	1.55	ppb
Sulfur	34-1	-101.87	-7.89	-113.13	-74.30		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.89	0.95	0.91	3.61	ppb
Thallium	205-1	0.92	0.90	0.90	0.91	1.54	ppb
Tin	118-1	4.51	4.55	4.61	4.56	1.08	ppb
Titanium	47-1	4.20	4.21	4.34	4.25	1.89	ppb
Uranium	238-1	0.84	0.83	0.90	0.86	4.56	ppb
Vanadium	51-2	4.23	4.08	4.37	4.23	3.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1.91	1.60	2.05	1.85	12.45	ppb
Zirconium	90-1	0.94	0.95	0.92	0.94	1.35	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.91	0.95	0.94	3.28	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1025.95	1085.13	1026.16	1045.75	3.26	ppb
Antimony	121-1	52.00	51.87	51.27	51.71	0.75	ppb
Arsenic	75-2	53.03	52.86	55.24	53.71	2.47	ppb
Barium	135-1	256.27	256.78	257.54	256.86	0.25	ppb
Barium	137-1	257.41	259.48	256.50	257.80	0.59	ppb
Beryllium	9-1	54.00	55.07	54.35	54.48	1.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	46.80	48.18	55.67	50.22	9.51	ppb
Boron	11-1	50.09	51.43	51.76	51.09	1.74	ppb
Cadmium	111-1	54.09	53.20	53.18	53.49	0.97	ppb
Cadmium	106-1	53.46	54.20	50.91	52.86	3.27	ppb
Cadmium	108-1	54.09	52.36	54.69	53.71	2.26	ppb
Calcium	43-1	5096.85	5006.64	4974.64	5026.04	1.26	ppb
Calcium	44-1	5070.55	5050.62	5004.73	5041.97	0.67	ppb
Chromium	52-2	49.02	51.27	51.16	50.48	2.51	ppb
Cobalt	59-2	50.31	50.69	51.01	50.67	0.69	ppb
Copper	63-2	99.01	101.39	99.65	100.01	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	2569.29	2619.13	2596.97	2595.13	0.96	ppb
Iron	57-2	2519.05	2553.46	2583.38	2551.96	1.26	ppb
Lead	206-1	48.74	49.71	50.01	49.48	1.34	ppb
Lead	207-1	47.97	48.36	48.42	48.25	0.51	ppb
Lead	208-1	48.60	48.85	48.64	48.69	0.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	5011.49	5170.12	5170.33	5117.31	1.79	ppb
Manganese	55-2	101.67	99.52	104.39	101.86	2.40	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.00	251.93	248.63	250.19	0.66	ppb
Molybdenum	95-1	247.96	250.87	249.71	249.51	0.59	ppb
Molybdenum	96-1	248.50	247.83	247.68	248.00	0.18	ppb
Molybdenum	97-1	249.73	249.97	246.85	248.85	0.70	ppb
Molybdenum	98-1	247.03	248.13	248.68	247.95	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.86	51.19	50.84	50.63	1.36	ppb
Phosphorus	31-2	703.61	1064.97	1274.65	1014.41	28.48	ppb
Potassium	39-2	2637.21	2729.33	2598.65	2655.06	2.53	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	38.74	101.47	69.43	69.88	44.89	ppb
Selenium	78-2	48.76	56.83	61.23	55.61	11.37	ppb
Selenium	82-1	51.66	52.41	51.31	51.79	1.09	ppb
Silicon	28-1	58.72	57.56	57.06	57.78	1.47	ppb
Silver	109-1	54.27	54.17	53.43	53.96	0.84	ppb
Silver	107-1	54.41	53.61	53.81	53.94	0.76	ppb
Sodium	23-2	5022.98	5212.61	5107.42	5114.34	1.86	ppb
Strontium	86-1	49.89	49.98	49.59	49.82	0.41	ppb
Strontium	88-1	50.73	50.58	50.51	50.61	0.22	ppb
Sulfur	34-1	1086.09	828.16	685.96	866.74	23.40	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	48.90	49.73	48.83	49.15	1.02	ppb
Thallium	205-1	48.88	50.27	49.96	49.70	1.48	ppb
Tin	118-1	52.26	51.66	51.78	51.90	0.61	ppb
Titanium	47-1	254.39	252.86	248.67	251.97	1.18	ppb
Uranium	238-1	47.24	47.76	47.77	47.59	0.64	ppb
Vanadium	51-2	49.20	51.22	50.21	50.21	2.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	100.58	101.70	102.59	101.62	0.99	ppb
Zirconium	90-1	50.37	49.84	49.97	50.06	0.55	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.72	48.54	49.69	49.31	1.36	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2606.74	2748.99	2731.85	2695.86	2.88	ppb
Antimony	121-1	130.90	131.81	131.56	131.42	0.36	ppb
Arsenic	75-2	129.52	132.19	134.03	131.91	1.72	ppb
Barium	135-1	655.10	658.66	655.99	656.59	0.28	ppb
Barium	137-1	663.67	676.83	658.58	666.36	1.41	ppb
Beryllium	9-1	136.98	137.10	134.26	136.11	1.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	127.96	128.02	135.57	130.52	3.36	ppb
Boron	11-1	128.92	128.42	132.76	130.03	1.82	ppb
Cadmium	111-1	134.49	137.49	137.04	136.34	1.18	ppb
Cadmium	106-1	132.87	136.26	143.19	137.44	3.82	ppb
Cadmium	108-1	135.33	136.52	138.93	136.93	1.34	ppb
Calcium	43-1	13018.43	12747.89	12616.37	12794.23	1.60	ppb
Calcium	44-1	13009.17	13199.46	13006.46	13071.70	0.85	ppb
Chromium	52-2	131.26	131.24	129.92	130.81	0.59	ppb
Cobalt	59-2	128.93	129.79	130.21	129.64	0.50	ppb
Copper	63-2	258.79	257.88	256.53	257.74	0.44	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				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	6777.49	6787.97	6797.43	6787.63	0.15	ppb
Iron	57-2	6508.09	6460.01	6619.90	6529.33	1.26	ppb
Lead	206-1	128.46	127.82	128.59	128.29	0.32	ppb
Lead	207-1	125.54	124.51	125.53	125.19	0.48	ppb
Lead	208-1	126.36	125.73	126.64	126.24	0.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	13310.58	13433.98	13417.06	13387.21	0.50	ppb
Manganese	55-2	262.09	261.14	263.47	262.23	0.45	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	639.09	648.45	658.82	648.78	1.52	ppb
Molybdenum	95-1	654.01	650.40	663.13	655.85	1.00	ppb
Molybdenum	96-1	657.97	654.60	663.28	658.62	0.66	ppb
Molybdenum	97-1	647.14	636.83	654.58	646.18	1.38	ppb
Molybdenum	98-1	651.91	642.82	661.66	652.13	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.48	128.64	131.06	129.73	0.95	ppb
Phosphorus	31-2	2619.05	2975.42	2695.90	2763.46	6.79	ppb
Potassium	39-2	6981.17	6778.45	6792.76	6850.80	1.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	164.18	171.76	172.75	169.56	2.76	ppb
Selenium	78-2	151.94	126.08	140.99	139.67	9.29	ppb
Selenium	82-1	131.86	131.79	129.71	131.12	0.93	ppb
Silicon	28-1	160.04	160.93	162.69	161.22	0.83	ppb
Silver	109-1	134.99	136.41	136.74	136.05	0.68	ppb
Silver	107-1	136.39	136.19	135.34	135.97	0.41	ppb
Sodium	23-2	13236.70	13169.23	13042.84	13149.59	0.75	ppb
Strontium	86-1	129.59	128.43	131.10	129.71	1.03	ppb
Strontium	88-1	132.83	132.31	131.00	132.05	0.72	ppb
Sulfur	34-1	2637.18	2464.64	2597.73	2566.52	3.52	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	127.39	127.48	128.81	127.89	0.62	ppb
Thallium	205-1	130.83	130.60	130.41	130.61	0.16	ppb
Tin	118-1	131.26	132.56	131.61	131.81	0.51	ppb
Titanium	47-1	645.33	644.47	650.43	646.74	0.50	ppb
Uranium	238-1	127.24	127.72	127.84	127.60	0.25	ppb
Vanadium	51-2	128.51	129.82	130.53	129.62	0.79	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	264.28	267.72	265.90	265.97	0.65	ppb
Zirconium	90-1	129.43	128.54	130.49	129.49	0.75	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	127.76	126.87	130.44	128.36	1.45	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5237.40	5449.49	5414.23	5367.04	2.12	ppb
Antimony	121-1	331.87	270.11	267.28	289.75	12.60	ppb
Arsenic	75-2	269.20	270.72	264.13	268.02	1.29	ppb
Barium	135-1	1658.52	1353.54	1335.89	1449.32	12.52	ppb
Barium	137-1	1635.34	1369.82	1337.67	1447.61	11.29	ppb
Beryllium	9-1	329.56	270.65	266.20	288.80	12.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	309.88	261.03	258.96	276.62	10.42	ppb
Boron	11-1	308.39	262.89	261.29	277.52	9.64	ppb
Cadmium	111-1	329.99	272.69	271.82	291.50	11.44	ppb
Cadmium	106-1	327.17	272.79	278.37	292.77	10.22	ppb
Cadmium	108-1	339.61	268.74	274.05	294.13	13.42	ppb
Calcium	43-1	31399.22	26160.85	25323.46	27627.84	11.92	ppb
Calcium	44-1	31890.32	26333.97	25686.34	27970.21	12.19	ppb
Chromium	52-2	261.05	267.73	266.79	265.19	1.36	ppb
Cobalt	59-2	255.41	268.45	266.59	263.48	2.68	ppb
Copper	63-2	511.17	529.75	526.75	522.56	1.91	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	13237.61	13987.48	13648.41	13624.50	2.76	ppb
Iron	57-2	12878.70	13581.13	13480.44	13313.43	2.85	ppb
Lead	206-1	315.01	260.25	255.13	276.79	11.99	ppb
Lead	207-1	307.70	252.61	249.68	270.00	12.11	ppb
Lead	208-1	318.06	261.83	256.16	278.68	12.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	26278.38	26963.21	27087.42	26776.34	1.63	ppb
Manganese	55-2	521.32	536.29	535.28	530.96	1.58	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1601.43	1312.33	1316.61	1410.12	11.75	ppb
Molybdenum	95-1	1571.11	1288.41	1298.58	1386.03	11.57	ppb
Molybdenum	96-1	1606.85	1311.02	1302.83	1406.90	12.31	ppb
Molybdenum	97-1	1590.73	1303.55	1326.10	1406.79	11.35	ppb
Molybdenum	98-1	1591.08	1288.52	1290.78	1390.13	12.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.43	270.15	264.37	263.65	2.61	ppb
Phosphorus	31-2	4913.99	5600.58	5302.68	5272.42	6.53	ppb
Potassium	39-2	13449.83	13630.09	13432.23	13504.05	0.81	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	324.73	385.94	263.46	324.71	18.86	ppb
Selenium	78-2	252.47	255.34	260.08	255.96	1.50	ppb
Selenium	82-1	318.65	265.82	266.26	283.57	10.71	ppb
Silicon	28-1	388.98	284.85	269.07	314.30	20.73	ppb
Silver	109-1	336.57	276.72	272.87	295.39	12.09	ppb
Silver	107-1	338.36	276.95	277.39	297.56	11.87	ppb
Sodium	23-2	25859.13	26767.13	26819.13	26481.80	2.04	ppb
Strontium	86-1	315.56	258.84	254.77	276.39	12.29	ppb
Strontium	88-1	323.13	264.54	265.02	284.23	11.85	ppb
Sulfur	34-1	10279.17	5678.28	4853.56	6937.00	42.15	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	316.27	257.87	255.81	276.65	12.41	ppb
Thallium	205-1	322.56	262.86	260.93	282.12	12.42	ppb
Tin	118-1	323.86	266.21	266.86	285.65	11.59	ppb
Titanium	47-1	1599.61	1318.13	1296.67	1404.80	12.03	ppb
Uranium	238-1	316.63	258.06	254.74	276.48	12.59	ppb
Vanadium	51-2	259.06	267.47	266.93	264.48	1.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	525.23	546.26	552.88	541.46	2.67	ppb
Zirconium	90-1	323.40	263.26	266.19	284.28	11.93	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	315.90	257.24	257.39	276.84	12.22	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10399.99	10080.38	10312.20	10264.19	1.61	ppb
Antimony	121-1	508.31	509.85	496.30	504.82	1.47	ppb
Arsenic	75-2	514.44	500.18	498.00	504.21	1.77	ppb
Barium	135-1	2543.70	2548.07	2486.47	2526.08	1.36	ppb
Barium	137-1	2526.60	2562.82	2478.05	2522.49	1.69	ppb
Beryllium	9-1	505.27	502.88	496.86	501.67	0.86	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	491.90	507.01	497.86	498.92	1.53	ppb
Boron	11-1	490.02	492.18	494.70	492.30	0.47	ppb
Cadmium	111-1	507.93	508.47	498.79	505.06	1.08	ppb
Cadmium	106-1	507.46	508.67	499.71	505.28	0.96	ppb
Cadmium	108-1	504.95	505.07	496.42	502.14	0.99	ppb
Calcium	43-1	49504.27	49017.42	47812.22	48777.97	1.79	ppb
Calcium	44-1	49585.28	48938.51	48821.99	49115.26	0.84	ppb
Chromium	52-2	517.72	501.71	512.41	510.61	1.60	ppb
Cobalt	59-2	517.37	501.74	512.59	510.57	1.57	ppb
Copper	63-2	1026.81	989.05	1022.69	1012.85	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	26408.10	25481.61	26456.27	26115.33	2.10	ppb
Iron	57-2	25969.94	25189.74	25962.57	25707.41	1.74	ppb
Lead	206-1	506.36	504.94	499.41	503.57	0.73	ppb
Lead	207-1	504.45	509.06	499.87	504.46	0.91	ppb
Lead	208-1	504.55	507.51	500.06	504.04	0.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	52146.26	50034.91	51906.76	51362.64	2.25	ppb
Manganese	55-2	1033.01	1007.25	1015.43	1018.56	1.29	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2482.79	2454.77	2487.90	2475.15	0.72	ppb
Molybdenum	95-1	2497.91	2477.48	2450.20	2475.20	0.97	ppb
Molybdenum	96-1	2475.95	2458.23	2468.71	2467.63	0.36	ppb
Molybdenum	97-1	2495.72	2479.97	2484.19	2486.63	0.33	ppb
Molybdenum	98-1	2490.92	2470.73	2458.44	2473.36	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.44	498.42	514.10	509.99	1.99	ppb
Phosphorus	31-2	10496.80	9961.55	10504.50	10320.95	3.02	ppb
Potassium	39-2	25502.68	24813.00	25774.01	25363.23	1.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	540.36	650.22	612.53	601.03	9.29	ppb
Selenium	78-2	521.77	476.25	485.62	494.55	4.86	ppb
Selenium	82-1	504.58	501.50	501.69	502.59	0.34	ppb
Silicon	28-1	520.75	514.17	493.03	509.32	2.84	ppb
Silver	109-1	513.26	514.64	506.26	511.39	0.88	ppb
Silver	107-1	509.15	514.33	503.66	509.05	1.05	ppb
Sodium	23-2	52736.29	50517.04	52138.62	51797.32	2.22	ppb
Strontium	86-1	493.62	490.32	488.33	490.76	0.54	ppb
Strontium	88-1	502.33	489.60	497.32	496.42	1.29	ppb
Sulfur	34-1	9870.46	9690.29	8715.63	9425.46	6.59	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	508.49	507.25	497.37	504.37	1.21	ppb
Thallium	205-1	501.86	502.54	496.88	500.43	0.62	ppb
Tin	118-1	502.96	507.21	498.45	502.87	0.87	ppb
Titanium	47-1	2543.26	2550.74	2445.74	2513.25	2.33	ppb
Uranium	238-1	493.20	495.53	489.94	492.89	0.57	ppb
Vanadium	51-2	511.49	492.78	510.39	504.88	2.08	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	1032.04	1010.22	1039.47	1027.24	1.48	ppb
Zirconium	90-1	496.91	494.37	494.84	495.37	0.27	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.83	485.15	490.77	490.25	0.99	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CAL5_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20087.16	19233.25	20441.26	19920.56	3.12	ppb
Antimony	121-1	994.36	977.68	988.25	986.76	0.85	ppb
Arsenic	75-2	989.78	994.38	992.86	992.34	0.24	ppb
Barium	135-1	4942.06	4912.43	4944.03	4932.84	0.36	ppb
Barium	137-1	4964.64	4907.02	4929.72	4933.80	0.59	ppb
Beryllium	9-1	996.07	983.45	984.03	987.85	0.72	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	987.39	999.06	993.35	993.27	0.59	ppb
Boron	11-1	984.00	990.64	1014.41	996.35	1.60	ppb
Cadmium	111-1	986.58	984.00	985.93	985.50	0.14	ppb
Cadmium	106-1	991.35	980.11	983.44	984.97	0.59	ppb
Cadmium	108-1	985.02	992.05	981.59	986.22	0.54	ppb
Calcium	43-1	99441.49	98634.77	99137.85	99071.37	0.41	ppb
Calcium	44-1	98220.90	98281.87	99273.65	98592.14	0.60	ppb
Chromium	52-2	994.88	962.69	1012.87	990.15	2.57	ppb
Cobalt	59-2	992.84	965.06	1014.29	990.73	2.49	ppb
Copper	63-2	2019.10	1919.92	2021.89	1986.97	2.92	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				113		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	51444.95	49835.54	52361.18	51213.89	2.50	ppb
Iron	57-2	50550.85	49068.86	51309.11	50309.61	2.26	ppb
Lead	206-1	992.73	992.79	987.88	991.13	0.28	ppb
Lead	207-1	996.83	986.35	995.33	992.83	0.57	ppb
Lead	208-1	991.65	986.46	994.04	990.72	0.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	102200.28	99492.38	105338.33	102343.66	2.86	ppb
Manganese	55-2	1992.97	1925.21	2025.89	1981.36	2.59	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CAL5_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5037.45	4909.40	4961.39	4969.41	1.30	ppb
Molybdenum	95-1	5008.35	4928.13	4987.20	4974.56	0.84	ppb
Molybdenum	96-1	5000.48	4917.82	5000.28	4972.86	0.96	ppb
Molybdenum	97-1	4996.15	4909.48	4989.06	4964.90	0.97	ppb
Molybdenum	98-1	4978.59	4937.36	5009.05	4975.00	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.67	965.24	1019.00	990.97	2.72	ppb
Phosphorus	31-2	21987.91	18390.66	18834.73	19737.77	9.94	ppb
Potassium	39-2	49384.42	47812.68	50567.05	49254.72	2.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	77-2	913.79	826.53	1032.48	924.27	11.18	ppb
Selenium	78-2	996.86	1040.87	959.61	999.11	4.07	ppb
Selenium	82-1	1003.31	982.24	982.83	989.46	1.21	ppb
Silicon	28-1	963.96	967.83	991.14	974.31	1.51	ppb
Silver	109-1	988.78	983.66	971.70	981.38	0.89	ppb
Silver	107-1	987.20	982.12	976.74	982.02	0.53	ppb
Sodium	23-2	100534.16	97121.18	102649.00	100101.45	2.79	ppb
Strontium	86-1	1001.64	987.73	1002.97	997.44	0.85	ppb
Strontium	88-1	994.19	989.43	993.36	992.32	0.26	ppb
Sulfur	34-1	19903.09	19429.55	20071.48	19801.37	1.68	ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	986.49	991.65	994.35	990.83	0.40	ppb
Thallium	205-1	991.61	987.58	994.03	991.07	0.33	ppb
Tin	118-1	990.94	989.95	985.23	988.71	0.31	ppb
Titanium	47-1	4966.57	4925.82	4963.19	4951.86	0.46	ppb
Uranium	238-1	1001.00	988.97	1000.23	996.73	0.68	ppb
Vanadium	51-2	995.60	967.14	1017.32	993.35	2.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	1986.70	1911.00	2024.11	1973.94	2.92	ppb
Zirconium	90-1	1003.39	980.15	995.99	993.18	1.20	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CALS_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.43	996.50	999.40	997.78	0.15	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99863.72	101621.06	98412.51	99965.76	1.61	ppb
Antimony	121-1	1.12	1.15	1.11	1.13	1.52	ppb
Arsenic	75-2	0.34	0.66	0.42	0.47	35.33	ppb
Barium	135-1	1.43	1.21	1.29	1.31	8.47	ppb
Barium	137-1	1.70	1.39	1.24	1.45	16.15	ppb
Beryllium	9-1	0.78	0.84	0.68	0.76	10.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	51.21	41.38	37.28	43.29	16.54	ppb
Boron	11-1	47.89	40.71	37.43	42.01	12.73	ppb
Cadmium	111-1	0.20	0.21	0.22	0.21	6.74	ppb
Cadmium	106-1	0.31	0.67	0.48	0.49	37.41	ppb
Cadmium	108-1	0.30	0.22	0.13	0.22	37.48	ppb
Calcium	43-1	539507.15	483385.51	477614.32	500169.00	6.84	ppb
Calcium	44-1	541766.01	482920.81	475933.83	500206.89	7.23	ppb
Chromium	52-2	13.57	14.02	13.53	13.71	1.98	ppb
Cobalt	59-2	1.25	0.98	1.12	1.11	12.29	ppb
Copper	63-2	2.51	2.62	2.34	2.49	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	251359.77	252319.10	245046.35	249575.07	1.58	ppb
Iron	57-2	253418.23	249405.25	246634.01	249819.16	1.37	ppb
Lead	206-1	2.08	1.93	1.88	1.96	5.20	ppb
Lead	207-1	1.95	1.69	1.71	1.78	8.17	ppb
Lead	208-1	2.03	1.77	1.81	1.87	7.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	502243.41	505162.70	490442.44	499282.85	1.56	ppb
Manganese	55-2	6.24	5.31	5.11	5.55	10.88	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CAL5_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.38	2.10	2.12	2.20	7.06	ppb
Molybdenum	95-1	3.39	2.92	2.87	3.06	9.37	ppb
Molybdenum	96-1	3.55	3.22	2.94	3.24	9.39	ppb
Molybdenum	97-1	2.79	2.35	2.62	2.59	8.68	ppb
Molybdenum	98-1	2.89	2.54	2.55	2.66	7.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.91	8.23	8.92	8.69	4.55	ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	250466.10	254092.85	245579.00	250045.98	1.71	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	-0.86	-0.86	-0.38		ppb
Selenium	82-1	1.89	1.13	1.34	1.45	26.95	ppb
Silicon	28-1	4.55	-17.36	-20.56	-11.12		ppb
Silver	109-1	0.08	0.06	0.06	0.07	22.40	ppb
Silver	107-1	0.07	0.06	0.07	0.07	3.69	ppb
Sodium	23-2	503152.88	506404.98	489567.77	499708.54	1.79	ppb
Strontium	86-1	36.09	32.62	31.52	33.41	7.13	ppb
Strontium	88-1	36.61	32.72	32.43	33.92	6.89	ppb
Sulfur	34-1	-22.95	-2038.62	-2171.29	-1410.95		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.55	0.52	0.46	0.51	8.73	ppb
Thallium	205-1	0.62	0.50	0.49	0.54	12.88	ppb
Tin	118-1	1.09	0.88	0.86	0.94	13.94	ppb
Titanium	47-1	0.65	0.59	0.73	0.66	10.82	ppb
Uranium	238-1	0.09	0.07	0.09	0.08	10.80	ppb
Vanadium	51-2	0.22	0.11	0.24	0.19	36.26	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	6.25	7.39	6.54	6.73	8.81	ppb
Zirconium	90-1	0.18	0.14	0.16	0.16	14.28	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CALS_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.16	0.13	0.17	26.72	ppb

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 12:16:07 DataFile Name : 013ICV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	549.41	496.45	550.08	531.98	5.78	ppb
Antimony	121-1	202.44	201.50	202.49	202.15	0.28	ppb
Arsenic	75-2	210.75	204.57	208.57	207.97	1.51	ppb
Barium	135-1	101.81	101.56	102.55	101.97	0.50	ppb
Barium	137-1	102.57	102.25	102.71	102.51	0.23	ppb
Beryllium	9-1	101.38	103.15	101.81	102.11	0.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	472.35	486.74	497.79	485.63	2.63	ppb
Boron	11-1	469.47	491.05	498.69	486.40	3.12	ppb
Cadmium	111-1	109.64	108.37	108.36	108.79	0.67	ppb
Cadmium	106-1	168.39	165.21	169.91	167.84	1.43	ppb
Cadmium	108-1	137.17	135.99	140.00	137.72	1.50	ppb
Calcium	43-1	2129.96	2115.12	2233.75	2159.61	2.99	ppb
Calcium	44-1	2079.14	2082.85	2114.19	2092.06	0.92	ppb
Chromium	52-2	99.10	98.50	102.57	100.06	2.19	ppb
Cobalt	59-2	102.09	101.03	102.70	101.94	0.83	ppb
Copper	63-2	101.72	100.28	102.41	101.47	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	1036.28	1026.82	1056.10	1039.74	1.44	ppb
Iron	57-2	1030.11	964.74	1041.07	1011.97	4.08	ppb
Lead	206-1	200.65	201.01	205.53	202.40	1.34	ppb
Lead	207-1	189.37	190.17	191.67	190.40	0.61	ppb
Lead	208-1	197.25	199.77	201.00	199.34	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	1200.90	1217.98	1246.00	1221.63	1.86	ppb
Manganese	55-2	99.96	102.44	102.93	101.78	1.56	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:16:07	DataFile Name :	013ICV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1198.75	1179.58	1184.01	1187.44	0.85	ppb
Molybdenum	95-1	506.68	499.33	514.22	506.74	1.47	ppb
Molybdenum	96-1	600.33	598.91	598.15	599.13	0.18	ppb
Molybdenum	97-1	503.84	502.09	510.44	505.46	0.87	ppb
Molybdenum	98-1	509.55	506.14	526.55	514.08	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.68	101.76	103.32	102.59	0.76	ppb
Phosphorus	31-2	-5.23	-5.23	29.39	6.31	316.65	ppb
Potassium	39-2	2131.99	2042.15	2130.13	2101.42	2.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	198.79	223.31	215.81	212.64	5.91	ppb
Selenium	78-2	201.84	238.23	192.72	210.93	11.41	ppb
Selenium	82-1	205.33	199.47	203.38	202.73	1.47	ppb
Silicon	28-1	516.78	525.43	529.22	523.81	1.22	ppb
Silver	109-1	105.73	103.91	104.40	104.68	0.90	ppb
Silver	107-1	106.03	105.10	105.38	105.50	0.45	ppb
Sodium	23-2	2093.28	2043.62	2078.91	2071.94	1.23	ppb
Strontium	86-1	506.71	506.32	509.68	507.57	0.36	ppb
Strontium	88-1	513.09	513.76	517.71	514.85	0.49	ppb
Sulfur	34-1	-1445.38	-1430.39	-1117.41	-1331.06		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	202.61	202.35	207.22	204.06	1.34	ppb
Thallium	205-1	206.89	207.89	212.35	209.04	1.39	ppb
Tin	118-1	541.74	528.83	533.42	534.66	1.22	ppb
Titanium	47-1	515.07	512.23	523.85	517.05	1.17	ppb
Uranium	238-1	520.59	518.80	522.90	520.77	0.39	ppb
Vanadium	51-2	98.35	99.27	100.40	99.34	1.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	202.62	195.88	205.58	201.36	2.47	ppb
Zirconium	90-1	530.36	527.46	533.14	530.32	0.54	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:16:07	DataFile Name :	013ICV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	530.42	520.73	531.76	527.64	1.14	ppb

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 12:19:29 DataFile Name : 014CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.55	0.23	0.18	0.99	137.12	ppb
Antimony	121-1	0.10	0.12	0.11	0.11	8.64	ppb
Arsenic	75-2	0.00	-0.06	-0.03	-0.03		ppb
Barium	135-1	-0.02	-0.03	-0.02	-0.03		ppb
Barium	137-1	0.00	0.00	0.00	0.00	280.03	ppb
Beryllium	9-1	0.13	0.09	0.17	0.13	33.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	20.81	21.26	18.31	20.13	7.88	ppb
Boron	11-1	23.01	20.46	19.19	20.88	9.31	ppb
Cadmium	111-1	0.05	-0.03	-0.01	0.00	1586.11	ppb
Cadmium	106-1	0.40	-0.49	-0.22	-0.10		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	5.35	ppb
Calcium	43-1	-9.96	4.27	-6.44	-4.04		ppb
Calcium	44-1	-18.91	-17.09	-14.81	-16.93		ppb
Chromium	52-2	-0.02	0.08	0.06	0.04	143.90	ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.04	0.03	0.02	0.03	32.48	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				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	0.73	0.64	0.51	0.63	17.90	ppb
Iron	57-2	3.60	7.12	0.35	3.69	91.85	ppb
Lead	206-1	0.04	0.04	0.04	0.04	2.50	ppb
Lead	207-1	0.02	0.04	0.04	0.03	26.69	ppb
Lead	208-1	0.03	0.03	0.03	0.03	2.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	-11.71	-10.32	-7.68	-9.90		ppb
Manganese	55-2	0.08	-0.08	-0.06	-0.02		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:19:29	DataFile Name :	014CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.08	0.05	0.05	58.05	ppb
Molybdenum	95-1	0.02	0.02	0.05	0.03	59.29	ppb
Molybdenum	96-1	0.06	0.03	0.03	0.04	36.62	ppb
Molybdenum	97-1	0.07	0.03	0.06	0.05	41.63	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	43.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.46	-0.38	-0.46		ppb
Phosphorus	31-2	28.86	64.52	-5.23	29.38	118.69	ppb
Potassium	39-2	7.65	18.52	-6.83	6.45	197.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	1.85	0.51	0.95	81.45	ppb
Selenium	82-1	0.77	0.57	0.58	0.64	17.90	ppb
Silicon	28-1	-19.53	-24.25	-20.24	-21.34		ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.72	ppb
Silver	107-1	0.00	0.00	0.01	0.01	111.90	ppb
Sodium	23-2	15.18	11.87	24.86	17.30	39.02	ppb
Strontium	86-1	-0.07	-0.08	-0.12	-0.09		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	37.99	ppb
Sulfur	34-1	-1272.71	-1659.62	-1461.68	-1464.67		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.06	0.06	6.20	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	14.61	ppb
Tin	118-1	0.04	0.07	0.06	0.05	25.42	ppb
Titanium	47-1	-0.03	-0.09	-0.02	-0.05		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	31.14	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	255.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.21	0.18	-0.10	0.10	175.84	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	27.19	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:19:29	DataFile Name :	014CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	39.93	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94060.27	90006.71	94905.74	92990.91	2.82	ppb
Antimony	121-1	1.18	1.10	1.16	1.14	3.49	ppb
Arsenic	75-2	0.38	0.29	0.29	0.32	15.97	ppb
Barium	135-1	1.49	1.71	1.66	1.62	6.95	ppb
Barium	137-1	1.66	1.67	1.50	1.61	5.87	ppb
Beryllium	9-1	0.43	0.40	0.38	0.40	6.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	13.83	12.14	13.85	13.27	7.39	ppb
Boron	11-1	12.56	12.46	12.58	12.54	0.53	ppb
Cadmium	111-1	0.23	0.29	0.29	0.27	13.23	ppb
Cadmium	106-1	-1.17	-0.22	-0.52	-0.64		ppb
Cadmium	108-1	7.30	6.49	6.89	6.90	5.90	ppb
Calcium	43-1	99133.49	99604.37	97324.55	98687.47	1.22	ppb
Calcium	44-1	97718.87	99546.03	98207.87	98490.92	0.96	ppb
Chromium	52-2	19.90	18.41	20.47	19.59	5.41	ppb
Cobalt	59-2	1.16	1.14	1.16	1.15	1.27	ppb
Copper	63-2	7.78	7.16	7.78	7.57	4.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	101355.66	98172.88	102941.79	100823.44	2.41	ppb
Iron	57-2	99089.05	96274.73	101535.70	98966.50	2.66	ppb
Lead	206-1	5.07	5.02	4.93	5.00	1.39	ppb
Lead	207-1	4.29	4.26	4.16	4.23	1.62	ppb
Lead	208-1	4.57	4.50	4.51	4.53	0.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	102550.98	98931.85	103212.05	101564.96	2.27	ppb
Manganese	55-2	8.57	8.33	8.54	8.48	1.55	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1345.56	1353.75	1354.92	1351.41	0.38	ppb
Molybdenum	95-1	1922.79	1917.25	1923.52	1921.19	0.18	ppb
Molybdenum	96-1	1855.17	1858.57	1863.83	1859.19	0.23	ppb
Molybdenum	97-1	1936.73	1931.33	1946.65	1938.24	0.40	ppb
Molybdenum	98-1	1928.32	1920.54	1957.80	1935.55	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.83	4.23	5.26	4.77	10.93	ppb
Phosphorus	31-2	97168.68	94912.74	97261.79	96447.73	1.38	ppb
Potassium	39-2	101171.16	97124.22	102767.95	100354.44	2.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	0.48	-0.86	0.04	1912.41	ppb
Selenium	82-1	-0.04	0.15	0.65	0.25	141.08	ppb
Silicon	28-1	18.68	21.18	18.29	19.38	8.10	ppb
Silver	109-1	0.09	0.08	0.11	0.09	15.10	ppb
Silver	107-1	0.07	0.09	0.11	0.09	24.55	ppb
Sodium	23-2	100051.51	96905.91	102947.54	99968.32	3.02	ppb
Strontium	86-1	33.51	33.29	33.64	33.48	0.53	ppb
Strontium	88-1	34.10	34.27	34.35	34.24	0.38	ppb
Sulfur	34-1	95132.93	95353.53	91812.46	94099.64	2.11	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.13	0.14	0.14	4.02	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	2.45	ppb
Tin	118-1	0.20	0.19	0.21	0.20	3.92	ppb
Titanium	47-1	2005.59	2005.90	1963.97	1991.82	1.21	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.55	ppb
Vanadium	51-2	0.16	0.11	0.12	0.13	22.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	11.30	11.98	12.68	11.99	5.78	ppb
Zirconium	90-1	0.07	0.05	0.07	0.07	14.43	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.08	0.06	45.38	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94136.81	91800.10	96388.95	94108.62	2.44	ppb
Antimony	121-1	21.18	21.24	20.98	21.13	0.65	ppb
Arsenic	75-2	20.97	20.11	18.84	19.97	5.38	ppb
Barium	135-1	21.19	22.09	21.27	21.52	2.32	ppb
Barium	137-1	21.30	22.18	22.42	21.97	2.70	ppb
Beryllium	9-1	22.05	21.58	21.79	21.81	1.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	25.61	25.92	26.42	25.98	1.58	ppb
Boron	11-1	26.62	27.98	27.62	27.41	2.57	ppb
Cadmium	111-1	20.30	20.45	20.32	20.36	0.41	ppb
Cadmium	106-1	19.46	21.75	17.86	19.69	9.94	ppb
Cadmium	108-1	26.79	25.86	25.29	25.98	2.91	ppb
Calcium	43-1	98496.59	100194.69	98221.71	98971.00	1.08	ppb
Calcium	44-1	97467.09	99938.32	98106.12	98503.85	1.30	ppb
Chromium	52-2	40.46	39.71	39.27	39.81	1.51	ppb
Cobalt	59-2	21.77	20.88	21.48	21.38	2.12	ppb
Copper	63-2	26.83	27.15	28.21	27.40	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	102601.98	99413.17	102607.54	101540.90	1.81	ppb
Iron	57-2	99753.65	97407.36	100627.32	99262.78	1.68	ppb
Lead	206-1	25.26	25.77	25.47	25.50	1.01	ppb
Lead	207-1	22.64	22.86	22.84	22.78	0.54	ppb
Lead	208-1	23.63	23.81	23.75	23.73	0.40	ppb
Lithium	6-1				94		%
Magnesium	24-2	101341.56	100329.74	103630.12	101767.14	1.66	ppb
Manganese	55-2	28.45	27.59	28.26	28.10	1.61	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1415.38	1395.92	1405.00	1405.43	0.69	ppb
Molybdenum	95-1	1973.58	1959.21	1967.91	1966.90	0.37	ppb
Molybdenum	96-1	1897.64	1877.46	1899.25	1891.45	0.64	ppb
Molybdenum	97-1	1994.47	2010.22	1971.28	1991.99	0.98	ppb
Molybdenum	98-1	1966.81	1969.64	1957.94	1964.80	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.17	25.01	24.02	24.40	2.18	ppb
Phosphorus	31-2	100172.05	96123.08	99778.26	98691.13	2.26	ppb
Potassium	39-2	101711.10	98572.17	101548.13	100610.47	1.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	41.12	41.49	24.62	35.74	26.95	ppb
Selenium	78-2	27.50	18.22	26.11	23.94	20.91	ppb
Selenium	82-1	20.87	19.67	20.50	20.35	3.01	ppb
Silicon	28-1	37.57	45.66	36.36	39.86	12.68	ppb
Silver	109-1	18.95	19.58	19.19	19.24	1.67	ppb
Silver	107-1	19.30	19.45	19.60	19.45	0.77	ppb
Sodium	23-2	100538.78	97842.88	102109.69	100163.78	2.15	ppb
Strontium	86-1	51.41	50.35	52.18	51.32	1.79	ppb
Strontium	88-1	52.33	52.35	52.37	52.35	0.04	ppb
Sulfur	34-1	89704.21	94157.58	93124.39	92328.73	2.52	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	19.98	20.60	20.34	20.30	1.52	ppb
Thallium	205-1	20.38	20.68	20.56	20.54	0.73	ppb
Tin	118-1	17.75	17.72	18.08	17.85	1.13	ppb
Titanium	47-1	2011.07	2063.78	2035.15	2036.67	1.30	ppb
Uranium	238-1	17.50	17.81	17.84	17.72	1.06	ppb
Vanadium	51-2	19.63	19.88	20.01	19.84	0.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	32.11	31.43	32.59	32.05	1.81	ppb
Zirconium	90-1	18.99	18.82	18.74	18.85	0.67	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.53	18.79	18.59	18.64	0.73	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50960.19	50520.19	51138.68	50873.02	0.63	ppb
Antimony	121-1	509.69	511.59	510.00	510.43	0.20	ppb
Arsenic	75-2	507.01	512.85	510.83	510.23	0.58	ppb
Barium	135-1	2559.23	2594.25	2545.25	2566.24	0.98	ppb
Barium	137-1	2550.09	2563.23	2546.16	2553.16	0.35	ppb
Beryllium	9-1	536.26	525.55	532.78	531.53	1.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	536.25	523.20	532.18	530.54	1.26	ppb
Boron	11-1	517.17	529.91	546.25	531.11	2.74	ppb
Cadmium	111-1	501.44	507.76	497.83	502.34	1.00	ppb
Cadmium	106-1	506.27	499.63	510.85	505.58	1.12	ppb
Cadmium	108-1	501.13	498.52	504.85	501.50	0.63	ppb
Calcium	43-1	246060.02	249443.84	246542.65	247348.84	0.74	ppb
Calcium	44-1	244450.27	248420.72	243797.60	245556.20	1.02	ppb
Chromium	52-2	503.83	496.45	509.60	503.29	1.31	ppb
Cobalt	59-2	488.12	484.35	488.78	487.08	0.49	ppb
Copper	63-2	940.27	932.26	945.70	939.41	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	123599.73	123209.43	124680.32	123829.83	0.62	ppb
Iron	57-2	121325.84	120751.29	122647.18	121574.77	0.80	ppb
Lead	206-1	515.08	517.35	512.87	515.10	0.44	ppb
Lead	207-1	509.48	510.57	513.65	511.23	0.42	ppb
Lead	208-1	510.51	511.99	508.62	510.37	0.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	257338.78	252232.01	256672.29	255414.36	1.09	ppb
Manganese	55-2	1003.34	995.75	1005.45	1001.51	0.51	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2522.85	2492.91	2521.24	2512.34	0.67	ppb
Molybdenum	95-1	2532.57	2462.19	2503.39	2499.38	1.41	ppb
Molybdenum	96-1	2540.67	2489.26	2490.41	2506.78	1.17	ppb
Molybdenum	97-1	2542.00	2524.63	2491.43	2519.35	1.02	ppb
Molybdenum	98-1	2526.68	2497.12	2507.95	2510.58	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.99	476.74	485.39	482.37	1.01	ppb
Phosphorus	31-2	9829.43	10458.27	9139.98	9809.23	6.72	ppb
Potassium	39-2	127219.57	126368.99	129383.48	127657.34	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	639.07	438.29	518.52	531.96	19.00	ppb
Selenium	78-2	516.17	571.09	540.26	542.51	5.07	ppb
Selenium	82-1	503.54	499.63	501.57	501.58	0.39	ppb
Silicon	28-1	567.58	586.11	583.50	579.07	1.73	ppb
Silver	109-1	507.45	509.84	504.78	507.35	0.50	ppb
Silver	107-1	502.90	507.75	506.77	505.81	0.51	ppb
Sodium	23-2	254683.31	252298.57	256684.72	254555.53	0.86	ppb
Strontium	86-1	512.31	511.15	513.08	512.18	0.19	ppb
Strontium	88-1	521.31	518.95	516.72	518.99	0.44	ppb
Sulfur	34-1	9586.94	9618.16	9601.06	9602.05	0.16	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	511.13	517.92	509.75	512.93	0.85	ppb
Thallium	205-1	503.70	506.13	506.54	505.45	0.30	ppb
Tin	118-1	515.35	513.35	503.79	510.83	1.21	ppb
Titanium	47-1	2577.44	2540.47	2535.89	2551.27	0.89	ppb
Uranium	238-1	512.47	517.17	512.12	513.92	0.55	ppb
Vanadium	51-2	503.74	498.00	509.29	503.68	1.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	952.50	955.78	970.96	959.75	1.03	ppb
Zirconium	90-1	503.25	502.36	509.12	504.91	0.73	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.47	496.88	498.77	500.71	1.02	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:43:41	DataFile Name :	020CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.20	4.77	-2.20	0.12	3223.13	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	6.59	ppb
Arsenic	75-2	0.00	0.00	-0.03	-0.01		ppb
Barium	135-1	0.02	0.01	-0.01	0.01	168.57	ppb
Barium	137-1	-0.01	0.02	0.00	0.01	270.34	ppb
Beryllium	9-1	0.26	0.33	0.36	0.32	15.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	8.30	7.88	8.70	8.30	4.95	ppb
Boron	11-1	7.59	6.96	6.54	7.03	7.52	ppb
Cadmium	111-1	-0.05	-0.07	-0.04	-0.05		ppb
Cadmium	106-1	-0.78	-0.89	-0.71	-0.79		ppb
Cadmium	108-1	0.05	0.05	-0.03	0.02	236.77	ppb
Calcium	43-1	-4.29	6.11	-7.95	-2.05		ppb
Calcium	44-1	-19.23	-21.91	-18.50	-19.88		ppb
Chromium	52-2	-0.02	-0.11	0.01	-0.04		ppb
Cobalt	59-2	0.00	-0.01	0.02	0.01	253.73	ppb
Copper	63-2	0.04	0.03	0.04	0.04	20.30	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	4.94	4.09	4.03	4.36	11.72	ppb
Iron	57-2	5.31	11.74	0.96	6.00	90.35	ppb
Lead	206-1	0.07	0.08	0.07	0.07	4.88	ppb
Lead	207-1	0.07	0.07	0.06	0.07	8.06	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	-12.13	-5.75	-10.32	-9.40		ppb
Manganese	55-2	-0.11	0.08	-0.01	-0.01		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:43:41	DataFile Name :	020CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.05	0.06	5.83	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	14.82	ppb
Molybdenum	96-1	0.07	0.06	0.08	0.07	12.31	ppb
Molybdenum	97-1	0.02	0.06	0.07	0.05	47.74	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.33	-0.34	-0.33		ppb
Phosphorus	31-2	-5.23	61.48	-5.23	17.01	226.43	ppb
Potassium	39-2	13.60	13.53	6.53	11.22	36.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	1.79	0.46	0.90	86.00	ppb
Selenium	82-1	-0.33	1.73	0.08	0.49	220.52	ppb
Silicon	28-1	-31.87	-34.68	-31.54	-32.70		ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.24	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.25	ppb
Sodium	23-2	27.29	35.76	29.58	30.88	14.18	ppb
Strontium	86-1	-0.03	-0.12	-0.09	-0.08		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	115.82	ppb
Sulfur	34-1	-1625.35	-1897.39	-1709.81	-1744.19		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.06	0.07	13.26	ppb
Thallium	205-1	0.05	0.07	0.06	0.06	17.33	ppb
Tin	118-1	0.02	0.04	0.02	0.02	52.12	ppb
Titanium	47-1	-0.01	-0.04	-0.05	-0.04		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.00	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	1.59	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.35	0.12	0.05	0.18	87.71	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	43.37	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:43:41	DataFile Name :	020CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.04	0.04	0.02	111.85	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.66	18.56	21.20	18.81	12.12	ppb
Antimony	121-1	1.79	1.89	1.79	1.82	3.07	ppb
Arsenic	75-2	1.07	0.79	0.72	0.86	21.98	ppb
Barium	135-1	9.03	9.23	8.68	8.98	3.10	ppb
Barium	137-1	8.99	8.94	8.74	8.89	1.48	ppb
Beryllium	9-1	1.02	1.07	1.10	1.06	3.70	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	26.10	29.11	23.83	26.35	10.06	ppb
Boron	11-1	25.13	27.02	26.79	26.31	3.92	ppb
Cadmium	111-1	0.81	0.92	0.92	0.88	6.93	ppb
Cadmium	106-1	-0.20	-0.40	0.15	-0.15		ppb
Cadmium	108-1	0.67	0.88	0.59	0.71	20.81	ppb
Calcium	43-1	409.10	403.96	421.89	411.65	2.24	ppb
Calcium	44-1	424.06	423.79	425.84	424.56	0.26	ppb
Chromium	52-2	2.11	1.80	1.87	1.92	8.41	ppb
Cobalt	59-2	0.92	0.89	0.93	0.92	2.04	ppb
Copper	63-2	1.84	1.82	1.96	1.87	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	51.82	50.99	51.63	51.48	0.84	ppb
Iron	57-2	48.32	49.10	53.73	50.39	5.80	ppb
Lead	206-1	0.95	1.02	0.99	0.99	3.26	ppb
Lead	207-1	0.95	0.97	0.93	0.95	2.31	ppb
Lead	208-1	0.95	0.95	0.96	0.95	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	462.65	448.27	447.72	452.88	1.87	ppb
Manganese	55-2	0.93	1.02	0.85	0.93	9.10	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.57	4.81	4.17	4.52	7.19	ppb
Molybdenum	95-1	4.48	4.55	4.29	4.44	3.03	ppb
Molybdenum	96-1	4.50	4.62	4.47	4.53	1.70	ppb
Molybdenum	97-1	4.59	4.61	4.39	4.53	2.70	ppb
Molybdenum	98-1	4.51	4.41	4.38	4.44	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.61	1.81	1.49	26.47	ppb
Phosphorus	31-2	62.48	27.88	-5.23	28.38	119.30	ppb
Potassium	39-2	479.19	445.93	470.70	465.28	3.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	8.07	0.00	0.00	2.69	173.21	ppb
Selenium	78-2	3.13	3.12	7.19	4.48	52.45	ppb
Selenium	82-1	5.53	4.98	4.28	4.93	12.74	ppb
Silicon	28-1	-15.55	-14.13	-17.23	-15.64		ppb
Silver	109-1	0.96	0.90	0.98	0.95	4.16	ppb
Silver	107-1	0.97	0.93	0.99	0.96	3.19	ppb
Sodium	23-2	493.41	456.74	505.01	485.05	5.20	ppb
Strontium	86-1	0.71	0.81	0.78	0.76	6.66	ppb
Strontium	88-1	0.96	0.96	0.92	0.94	2.23	ppb
Sulfur	34-1	-1603.95	-1595.64	-1510.38	-1569.99		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.92	0.97	0.95	3.02	ppb
Thallium	205-1	0.97	0.93	0.95	0.95	2.39	ppb
Tin	118-1	4.62	4.56	4.64	4.61	0.92	ppb
Titanium	47-1	4.74	4.29	4.57	4.53	5.07	ppb
Uranium	238-1	0.83	0.84	0.86	0.85	1.36	ppb
Vanadium	51-2	4.92	4.55	4.49	4.65	5.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	2.00	2.22	2.29	2.17	6.88	ppb
Zirconium	90-1	0.94	0.93	0.95	0.94	1.04	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.91	0.88	0.91	3.70	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	2.73	2.45	2.61	5.50	ppb
Antimony	121-1	0.28	0.28	0.29	0.28	2.39	ppb
Arsenic	75-2	0.23	0.18	0.26	0.23	19.08	ppb
Barium	135-1	1.08	1.17	1.22	1.16	6.05	ppb
Barium	137-1	1.23	1.28	1.29	1.27	2.47	ppb
Beryllium	9-1	0.35	0.28	0.44	0.36	22.58	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	4.47	4.71	3.56	4.25	14.22	ppb
Boron	11-1	4.34	4.93	5.09	4.78	8.27	ppb
Cadmium	111-1	0.25	0.24	0.30	0.26	12.32	ppb
Cadmium	106-1	0.11	-0.20	0.03	-0.02		ppb
Cadmium	108-1	0.47	0.57	0.18	0.41	50.42	ppb
Calcium	43-1	22.47	18.46	16.18	19.03	16.74	ppb
Calcium	44-1	-1.28	1.65	3.50	1.29	186.86	ppb
Chromium	52-2	0.40	0.31	0.36	0.35	12.09	ppb
Cobalt	59-2	0.26	0.31	0.24	0.27	14.25	ppb
Copper	63-2	0.47	0.50	0.40	0.46	11.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	16.20	14.88	13.82	14.96	7.97	ppb
Iron	57-2	8.46	15.41	11.75	11.88	29.30	ppb
Lead	206-1	0.24	0.32	0.28	0.28	14.80	ppb
Lead	207-1	0.23	0.31	0.32	0.29	16.47	ppb
Lead	208-1	0.26	0.30	0.29	0.29	7.38	ppb
Lithium	6-1				99		%
Magnesium	24-2	25.74	16.19	15.17	19.03	30.62	ppb
Manganese	55-2	0.36	0.49	0.33	0.39	21.05	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.33	1.24	1.27	3.76	ppb
Molybdenum	95-1	1.14	1.24	1.32	1.23	7.31	ppb
Molybdenum	96-1	1.11	1.22	1.23	1.19	5.52	ppb
Molybdenum	97-1	1.15	1.30	1.32	1.26	7.22	ppb
Molybdenum	98-1	1.24	1.20	1.25	1.23	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	0.67	0.92	23.86	ppb
Phosphorus	31-2	29.63	-5.23	-5.23	6.39	314.86	ppb
Potassium	39-2	34.73	13.28	31.80	26.60	43.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	8.23	0.00	8.29	5.51	86.60	ppb
Selenium	78-2	5.91	6.02	3.24	5.05	31.18	ppb
Selenium	82-1	3.39	3.34	3.16	3.30	3.64	ppb
Silicon	28-1	-32.77	-31.87	-32.00	-32.21		ppb
Silver	109-1	0.26	0.26	0.26	0.26	1.42	ppb
Silver	107-1	0.26	0.27	0.25	0.26	3.11	ppb
Sodium	23-2	51.89	54.84	39.88	48.87	16.21	ppb
Strontium	86-1	0.19	0.18	0.08	0.15	41.90	ppb
Strontium	88-1	0.24	0.22	0.24	0.23	5.48	ppb
Sulfur	34-1	-1166.41	-1434.35	-1379.25	-1326.67		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.27	0.25	0.28	0.27	5.43	ppb
Thallium	205-1	0.26	0.27	0.24	0.26	7.44	ppb
Tin	118-1	0.28	0.23	0.25	0.25	10.02	ppb
Titanium	47-1	1.06	1.24	1.07	1.12	9.13	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	5.23	ppb
Vanadium	51-2	0.37	0.29	0.26	0.31	17.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	0.53	0.34	0.58	0.49	25.49	ppb
Zirconium	90-1	0.24	0.26	0.25	0.25	3.88	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.29	0.19	0.23	21.18	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.61	19.59	7.61	11.60	59.57	ppb
Antimony	121-1	0.30	0.31	0.28	0.29	5.44	ppb
Arsenic	75-2	0.38	0.15	0.15	0.23	59.63	ppb
Barium	135-1	1.32	1.26	1.25	1.28	2.96	ppb
Barium	137-1	1.47	1.46	1.28	1.40	7.71	ppb
Beryllium	9-1	0.39	0.30	0.39	0.36	14.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	4.72	4.59	4.40	4.57	3.62	ppb
Boron	11-1	4.34	4.40	4.05	4.26	4.36	ppb
Cadmium	111-1	0.27	0.21	0.38	0.28	30.60	ppb
Cadmium	106-1	-0.57	-0.64	0.89	-0.11		ppb
Cadmium	108-1	0.14	0.18	0.26	0.19	33.22	ppb
Calcium	43-1	42.23	55.14	19.25	38.87	46.76	ppb
Calcium	44-1	13.45	13.42	13.08	13.32	1.55	ppb
Chromium	52-2	0.32	0.37	0.35	0.34	7.62	ppb
Cobalt	59-2	0.27	0.21	0.25	0.25	12.90	ppb
Copper	63-2	0.55	0.48	0.51	0.51	6.57	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				108		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	18.44	18.21	19.41	18.69	3.42	ppb
Iron	57-2	17.37	23.08	16.01	18.82	19.92	ppb
Lead	206-1	0.29	0.30	0.34	0.31	7.32	ppb
Lead	207-1	0.31	0.29	0.32	0.31	4.84	ppb
Lead	208-1	0.31	0.30	0.30	0.30	2.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.30	27.09	32.96	28.78	12.64	ppb
Manganese	55-2	0.85	0.74	0.29	0.63	47.58	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.46	1.47	1.39	1.44	2.84	ppb
Molybdenum	95-1	1.23	1.39	1.41	1.35	7.16	ppb
Molybdenum	96-1	1.30	1.48	1.34	1.37	6.74	ppb
Molybdenum	97-1	1.44	1.42	1.29	1.38	5.86	ppb
Molybdenum	98-1	1.36	1.35	1.39	1.37	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.96	0.87	0.91	4.91	ppb
Phosphorus	31-2	-5.23	29.52	29.98	18.09	111.63	ppb
Potassium	39-2	33.46	24.14	27.96	28.52	16.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	8.34	0.00	0.00	2.78	173.21	ppb
Selenium	78-2	8.73	1.89	4.58	5.07	68.05	ppb
Selenium	82-1	2.83	3.38	3.21	3.14	8.93	ppb
Silicon	28-1	-28.46	-29.35	-30.81	-29.54		ppb
Silver	109-1	0.24	0.26	0.31	0.27	13.26	ppb
Silver	107-1	0.24	0.29	0.24	0.25	10.47	ppb
Sodium	23-2	71.60	62.23	67.15	66.99	6.99	ppb
Strontium	86-1	0.20	0.28	0.30	0.26	18.97	ppb
Strontium	88-1	0.29	0.29	0.27	0.29	3.68	ppb
Sulfur	34-1	-1199.33	-922.36	-1138.94	-1086.87		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.31	0.32	0.32	0.31	1.22	ppb
Thallium	205-1	0.32	0.29	0.30	0.30	5.37	ppb
Tin	118-1	0.26	0.25	0.32	0.28	14.64	ppb
Titanium	47-1	1.60	1.24	1.41	1.42	13.04	ppb
Uranium	238-1	0.28	0.26	0.29	0.28	4.10	ppb
Vanadium	51-2	0.33	0.26	0.36	0.32	15.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	0.78	0.53	0.62	0.64	19.58	ppb
Zirconium	90-1	0.28	0.28	0.32	0.29	6.47	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.33	0.27	0.30	11.09	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	12.07	2.64	5.73	95.82	ppb
Antimony	121-1	0.29	0.24	0.28	0.27	9.18	ppb
Arsenic	75-2	0.26	0.23	0.17	0.22	19.78	ppb
Barium	135-1	1.28	1.34	1.45	1.36	6.33	ppb
Barium	137-1	1.34	1.31	1.32	1.32	0.90	ppb
Beryllium	9-1	0.45	0.26	0.28	0.33	30.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	3.39	3.12	3.68	3.40	8.23	ppb
Boron	11-1	4.65	4.21	3.96	4.27	8.12	ppb
Cadmium	111-1	0.15	0.19	0.27	0.20	29.23	ppb
Cadmium	106-1	-1.38	-0.44	0.16	-0.55		ppb
Cadmium	108-1	0.39	0.47	0.13	0.33	53.50	ppb
Calcium	43-1	24.85	11.45	22.90	19.73	36.68	ppb
Calcium	44-1	5.90	5.65	1.56	4.37	55.82	ppb
Chromium	52-2	0.33	0.21	0.37	0.30	26.64	ppb
Cobalt	59-2	0.16	0.23	0.27	0.22	23.62	ppb
Copper	63-2	0.57	0.56	0.63	0.59	6.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	16.01	15.05	16.38	15.81	4.35	ppb
Iron	57-2	11.85	14.09	17.07	14.34	18.26	ppb
Lead	206-1	0.26	0.27	0.29	0.27	5.19	ppb
Lead	207-1	0.24	0.33	0.28	0.29	14.76	ppb
Lead	208-1	0.26	0.28	0.28	0.28	4.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	20.32	22.14	20.48	20.98	4.80	ppb
Manganese	55-2	0.36	0.42	0.64	0.47	31.74	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.29	1.21	1.35	1.28	5.45	ppb
Molybdenum	95-1	1.34	1.22	1.27	1.28	4.68	ppb
Molybdenum	96-1	1.32	1.30	1.17	1.26	6.59	ppb
Molybdenum	97-1	1.28	1.46	1.18	1.31	10.84	ppb
Molybdenum	98-1	1.50	1.22	1.20	1.31	12.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.88	0.93	0.83	15.16	ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	13.22	29.98	27.59	23.60	38.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.79	5.88	1.80	3.16	74.75	ppb
Selenium	82-1	2.60	3.63	3.30	3.17	16.60	ppb
Silicon	28-1	-25.64	-30.74	-33.54	-29.98		ppb
Silver	109-1	0.28	0.27	0.28	0.27	2.76	ppb
Silver	107-1	0.25	0.27	0.26	0.26	4.01	ppb
Sodium	23-2	53.12	50.82	57.32	53.75	6.13	ppb
Strontium	86-1	0.21	0.13	0.12	0.15	31.64	ppb
Strontium	88-1	0.26	0.27	0.27	0.27	2.82	ppb
Sulfur	34-1	-730.46	-930.88	-1522.74	-1061.36		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.27	0.26	0.27	3.72	ppb
Thallium	205-1	0.26	0.29	0.27	0.27	5.48	ppb
Tin	118-1	0.27	0.30	0.30	0.29	6.49	ppb
Titanium	47-1	1.20	1.23	1.27	1.23	2.68	ppb
Uranium	238-1	0.23	0.23	0.25	0.24	4.30	ppb
Vanadium	51-2	0.32	0.24	0.39	0.32	23.43	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	0.47	0.90	0.49	0.62	39.46	ppb
Zirconium	90-1	0.25	0.23	0.24	0.24	4.31	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.26	0.25	0.26	5.67	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.08	4.73	4.89	7.23	58.04	ppb
Antimony	121-1	0.28	0.28	0.25	0.27	6.36	ppb
Arsenic	75-2	0.40	0.37	0.37	0.38	4.39	ppb
Barium	135-1	1.25	1.34	1.35	1.32	4.02	ppb
Barium	137-1	1.34	1.11	1.35	1.27	10.88	ppb
Beryllium	9-1	0.34	0.33	0.35	0.34	2.05	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	1.96	4.06	1.65	2.56	51.29	ppb
Boron	11-1	3.21	3.31	3.78	3.43	8.89	ppb
Cadmium	111-1	0.30	0.22	0.27	0.27	14.30	ppb
Cadmium	106-1	0.93	-0.55	0.26	0.21	348.73	ppb
Cadmium	108-1	0.29	0.17	0.22	0.23	27.28	ppb
Calcium	43-1	24.51	26.37	20.35	23.75	12.98	ppb
Calcium	44-1	1.52	8.49	6.96	5.65	64.77	ppb
Chromium	52-2	0.35	0.23	0.22	0.27	27.35	ppb
Cobalt	59-2	0.23	0.25	0.28	0.25	10.35	ppb
Copper	63-2	0.63	0.50	0.55	0.56	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	16.55	16.43	16.36	16.45	0.61	ppb
Iron	57-2	15.41	20.54	14.62	16.86	19.10	ppb
Lead	206-1	0.25	0.30	0.29	0.28	9.68	ppb
Lead	207-1	0.32	0.26	0.30	0.29	11.77	ppb
Lead	208-1	0.27	0.29	0.28	0.28	3.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	28.63	16.33	24.27	23.08	27.03	ppb
Manganese	55-2	0.65	0.47	0.53	0.55	17.16	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.34	1.28	1.43	1.35	5.72	ppb
Molybdenum	95-1	1.27	1.28	1.26	1.27	0.97	ppb
Molybdenum	96-1	1.18	1.24	1.33	1.25	5.71	ppb
Molybdenum	97-1	1.20	1.41	1.30	1.30	8.18	ppb
Molybdenum	98-1	1.16	1.35	1.21	1.24	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.66	0.73	0.74	11.13	ppb
Phosphorus	31-2	28.92	27.91	-5.23	17.20	112.96	ppb
Potassium	39-2	-13.16	2.87	36.36	8.69	290.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	8.07	8.01	5.36	86.60	ppb
Selenium	78-2	7.08	1.80	3.10	3.99	69.01	ppb
Selenium	82-1	4.06	3.44	3.66	3.72	8.44	ppb
Silicon	28-1	-35.54	-33.03	-33.12	-33.90		ppb
Silver	109-1	0.25	0.27	0.26	0.26	4.69	ppb
Silver	107-1	0.28	0.25	0.25	0.26	7.74	ppb
Sodium	23-2	49.84	41.12	57.98	49.65	16.98	ppb
Strontium	86-1	0.19	0.24	0.21	0.21	13.04	ppb
Strontium	88-1	0.27	0.25	0.25	0.26	3.96	ppb
Sulfur	34-1	-1472.94	-1295.68	-1350.04	-1372.88		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.28	0.29	0.27	10.37	ppb
Thallium	205-1	0.30	0.26	0.29	0.28	6.32	ppb
Tin	118-1	0.26	0.29	0.26	0.27	5.77	ppb
Titanium	47-1	1.21	1.26	1.36	1.28	5.92	ppb
Uranium	238-1	0.26	0.26	0.25	0.26	1.38	ppb
Vanadium	51-2	0.29	0.28	0.21	0.26	15.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	1.06	0.83	0.44	0.78	40.56	ppb
Zirconium	90-1	0.27	0.26	0.23	0.25	9.83	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.32	0.23	0.27	16.58	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	5.06	-2.20	1.80	205.09	ppb
Antimony	121-1	0.27	0.28	0.27	0.27	1.67	ppb
Arsenic	75-2	0.31	0.28	0.11	0.24	45.67	ppb
Barium	135-1	1.12	1.34	1.23	1.23	8.74	ppb
Barium	137-1	1.28	1.29	1.27	1.28	0.68	ppb
Beryllium	9-1	0.33	0.27	0.40	0.33	18.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	2.70	4.69	2.89	3.43	32.05	ppb
Boron	11-1	3.00	3.60	4.06	3.55	14.84	ppb
Cadmium	111-1	0.29	0.25	0.20	0.25	18.65	ppb
Cadmium	106-1	0.31	0.08	-0.06	0.11	172.34	ppb
Cadmium	108-1	0.17	0.42	0.22	0.27	49.39	ppb
Calcium	43-1	19.85	7.41	22.21	16.49	48.24	ppb
Calcium	44-1	3.55	-1.37	0.34	0.84	297.25	ppb
Chromium	52-2	0.26	0.28	0.17	0.24	24.19	ppb
Cobalt	59-2	0.23	0.20	0.22	0.22	6.95	ppb
Copper	63-2	0.47	0.55	0.50	0.51	7.57	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	13.81	14.40	14.33	14.18	2.29	ppb
Iron	57-2	9.41	13.74	17.93	13.69	31.10	ppb
Lead	206-1	0.28	0.25	0.26	0.26	6.92	ppb
Lead	207-1	0.23	0.25	0.29	0.25	12.21	ppb
Lead	208-1	0.26	0.25	0.26	0.26	1.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	21.30	17.94	18.58	19.27	9.25	ppb
Manganese	55-2	0.46	0.45	0.30	0.40	21.35	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.29	1.17	1.27	1.24	5.43	ppb
Molybdenum	95-1	1.18	1.30	1.18	1.22	5.65	ppb
Molybdenum	96-1	1.20	1.15	1.19	1.18	2.26	ppb
Molybdenum	97-1	1.19	1.07	1.03	1.10	7.67	ppb
Molybdenum	98-1	1.29	1.30	1.21	1.27	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.68	0.56	0.62	9.66	ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	2.15	41.00	24.39	22.51	86.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	8.13	0.00	24.11	10.75	114.14	ppb
Selenium	78-2	1.81	3.14	-0.86	1.36	149.08	ppb
Selenium	82-1	3.54	2.61	3.56	3.24	16.82	ppb
Silicon	28-1	-33.30	-33.81	-32.83	-33.32		ppb
Silver	109-1	0.26	0.25	0.25	0.25	0.49	ppb
Silver	107-1	0.27	0.26	0.27	0.27	2.88	ppb
Sodium	23-2	45.87	47.31	47.81	47.00	2.14	ppb
Strontium	86-1	0.17	0.24	0.12	0.17	34.97	ppb
Strontium	88-1	0.27	0.26	0.25	0.26	2.20	ppb
Sulfur	34-1	-1267.28	-1372.37	-1074.15	-1237.93		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.26	0.24	0.30	0.27	11.37	ppb
Thallium	205-1	0.25	0.25	0.23	0.24	4.05	ppb
Tin	118-1	0.24	0.27	0.25	0.25	6.23	ppb
Titanium	47-1	1.02	1.24	1.39	1.22	15.23	ppb
Uranium	238-1	0.25	0.24	0.25	0.25	3.21	ppb
Vanadium	51-2	0.28	0.26	0.28	0.28	3.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	0.36	0.69	0.68	0.58	32.51	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.48	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.23	0.26	0.23	11.70	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.90	-2.20	14.63	5.78	146.20	ppb
Antimony	121-1	0.24	0.29	0.26	0.26	9.13	ppb
Arsenic	75-2	0.25	0.29	0.34	0.29	14.35	ppb
Barium	135-1	1.29	1.34	1.37	1.33	3.08	ppb
Barium	137-1	1.30	1.23	1.32	1.28	3.91	ppb
Beryllium	9-1	0.44	0.43	0.29	0.39	21.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	3.26	1.98	2.67	2.64	24.23	ppb
Boron	11-1	2.73	3.82	2.85	3.13	19.04	ppb
Cadmium	111-1	0.23	0.26	0.21	0.23	12.48	ppb
Cadmium	106-1	0.13	0.27	-0.48	-0.03		ppb
Cadmium	108-1	0.50	0.26	0.13	0.30	64.25	ppb
Calcium	43-1	12.68	24.50	13.27	16.82	39.60	ppb
Calcium	44-1	-1.11	1.22	-0.68	-0.19		ppb
Chromium	52-2	0.22	0.35	0.30	0.29	22.67	ppb
Cobalt	59-2	0.23	0.24	0.24	0.24	2.54	ppb
Copper	63-2	0.62	0.58	0.63	0.61	4.21	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	13.65	13.57	14.22	13.81	2.58	ppb
Iron	57-2	14.65	13.61	14.95	14.40	4.91	ppb
Lead	206-1	0.23	0.28	0.27	0.26	9.67	ppb
Lead	207-1	0.26	0.28	0.28	0.28	3.69	ppb
Lead	208-1	0.26	0.29	0.27	0.27	4.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	24.88	13.59	26.21	21.56	32.17	ppb
Manganese	55-2	0.65	0.52	0.54	0.57	12.27	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.34	1.14	1.26	1.25	8.16	ppb
Molybdenum	95-1	1.31	1.32	1.21	1.28	4.68	ppb
Molybdenum	96-1	1.27	1.25	1.19	1.24	3.20	ppb
Molybdenum	97-1	1.25	1.20	1.43	1.29	9.18	ppb
Molybdenum	98-1	1.24	1.20	1.23	1.23	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.98	0.73	0.74	32.85	ppb
Phosphorus	31-2	96.73	29.24	-5.23	40.25	128.86	ppb
Potassium	39-2	34.20	27.72	32.45	31.45	10.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.10	8.52	0.46	4.02	102.15	ppb
Selenium	82-1	3.43	3.54	3.81	3.59	5.42	ppb
Silicon	28-1	-33.70	-30.23	-35.96	-33.30		ppb
Silver	109-1	0.28	0.27	0.27	0.27	2.97	ppb
Silver	107-1	0.28	0.27	0.26	0.27	3.39	ppb
Sodium	23-2	53.36	42.04	45.11	46.84	12.50	ppb
Strontium	86-1	0.16	0.10	0.21	0.16	34.99	ppb
Strontium	88-1	0.26	0.26	0.25	0.26	2.72	ppb
Sulfur	34-1	-1057.92	-1076.48	-1230.52	-1121.64		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.25	0.28	0.28	9.89	ppb
Thallium	205-1	0.26	0.25	0.24	0.25	2.99	ppb
Tin	118-1	0.26	0.27	0.31	0.28	8.29	ppb
Titanium	47-1	1.20	1.22	1.21	1.21	1.16	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	2.12	ppb
Vanadium	51-2	0.28	0.21	0.27	0.25	14.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.28	0.41	0.60	0.43	37.29	ppb
Zirconium	90-1	0.26	0.24	0.25	0.25	4.76	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.19	0.28	0.22	21.40	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	4.94	7.19	4.07	89.60	ppb
Antimony	121-1	0.27	0.27	0.28	0.28	2.88	ppb
Arsenic	75-2	0.20	0.26	0.28	0.25	17.77	ppb
Barium	135-1	1.25	1.28	1.34	1.29	3.56	ppb
Barium	137-1	1.33	1.30	1.24	1.29	3.85	ppb
Beryllium	9-1	0.35	0.40	0.32	0.36	12.24	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	2.13	4.10	2.77	3.00	33.53	ppb
Boron	11-1	3.08	3.07	2.89	3.02	3.47	ppb
Cadmium	111-1	0.20	0.28	0.28	0.25	16.71	ppb
Cadmium	106-1	-0.16	0.43	0.12	0.13	230.37	ppb
Cadmium	108-1	0.17	0.22	0.17	0.19	14.35	ppb
Calcium	43-1	17.39	23.61	15.00	18.67	23.80	ppb
Calcium	44-1	3.34	0.55	0.86	1.58	96.48	ppb
Chromium	52-2	0.23	0.25	0.21	0.23	7.82	ppb
Cobalt	59-2	0.27	0.32	0.22	0.27	18.66	ppb
Copper	63-2	0.50	0.67	0.53	0.57	15.46	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				104		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	14.07	15.29	13.77	14.38	5.60	ppb
Iron	57-2	14.46	14.75	16.44	15.22	7.04	ppb
Lead	206-1	0.27	0.28	0.25	0.27	6.56	ppb
Lead	207-1	0.27	0.26	0.28	0.27	3.11	ppb
Lead	208-1	0.27	0.27	0.27	0.27	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	15.95	14.70	20.04	16.90	16.53	ppb
Manganese	55-2	0.41	0.34	0.31	0.36	13.65	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.48	1.29	1.39	1.39	6.95	ppb
Molybdenum	95-1	1.30	1.30	1.41	1.34	4.83	ppb
Molybdenum	96-1	1.37	1.31	1.32	1.33	2.64	ppb
Molybdenum	97-1	1.45	1.34	1.45	1.41	4.56	ppb
Molybdenum	98-1	1.36	1.29	1.22	1.29	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.64	0.95	0.72	29.24	ppb
Phosphorus	31-2	59.82	-5.23	-5.23	16.45	228.22	ppb
Potassium	39-2	1.61	21.25	9.75	10.87	90.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	16.05	0.00	0.00	5.35	173.21	ppb
Selenium	78-2	1.77	4.46	0.46	2.23	91.17	ppb
Selenium	82-1	4.34	3.79	3.17	3.77	15.46	ppb
Silicon	28-1	-32.26	-34.60	-32.05	-32.97		ppb
Silver	109-1	0.28	0.31	0.29	0.29	5.58	ppb
Silver	107-1	0.33	0.28	0.25	0.29	15.18	ppb
Sodium	23-2	42.06	39.83	55.35	45.75	18.34	ppb
Strontium	86-1	0.12	0.17	0.22	0.17	30.57	ppb
Strontium	88-1	0.26	0.28	0.26	0.27	5.13	ppb
Sulfur	34-1	-784.02	-1056.24	-1090.55	-976.93		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.26	0.30	0.28	6.64	ppb
Thallium	205-1	0.27	0.26	0.26	0.26	2.47	ppb
Tin	118-1	0.29	0.27	0.25	0.27	6.90	ppb
Titanium	47-1	1.32	1.31	1.56	1.40	10.47	ppb
Uranium	238-1	0.27	0.25	0.27	0.26	5.23	ppb
Vanadium	51-2	0.24	0.30	0.31	0.28	13.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.81	0.71	0.78	0.77	6.75	ppb
Zirconium	90-1	0.27	0.27	0.30	0.28	6.14	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.23	0.30	0.26	14.31	ppb

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : PB105664BL Instrumnet Name : P8
 Client Sample ID : PB105664BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:21:45 DataFile Name : 029CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	-2.20	0.24	0.20	1213.45	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	314.09	ppb
Arsenic	75-2	-0.06	0.00	-0.06	-0.04		ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	63.40	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	0.06	1.67	1.49	1.08	82.05	ppb
Boron	11-1	0.94	0.47	0.42	0.61	46.81	ppb
Cadmium	111-1	0.03	-0.04	0.00	0.00		ppb
Cadmium	106-1	0.43	-0.54	0.10	0.00		ppb
Cadmium	108-1	-0.08	-0.08	-0.03	-0.06		ppb
Calcium	43-1	-10.04	-7.72	-5.63	-7.79		ppb
Calcium	44-1	-24.89	-25.91	-27.87	-26.22		ppb
Chromium	52-2	0.01	-0.06	-0.07	-0.04		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.03	0.00	0.03	0.02	89.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	0.32	0.82	0.25	0.46	68.02	ppb
Iron	57-2	3.59	1.65	0.46	1.90	83.17	ppb
Lead	206-1	0.03	0.04	0.00	0.02	80.63	ppb
Lead	207-1	0.02	0.02	0.02	0.02	9.46	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	-6.78	-7.20	-3.10	-5.69		ppb
Manganese	55-2	-0.08	-0.06	0.07	-0.02		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BL	Instrumnet Name :	P8
Client Sample ID :	PB105664BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:21:45	DataFile Name :	029CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	693.30	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	88.04	ppb
Molybdenum	97-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	140.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.05	0.01	-0.08		ppb
Phosphorus	31-2	-5.23	28.91	-5.23	6.15	320.34	ppb
Potassium	39-2	-24.40	-21.13	-4.92	-16.82		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	0.00	8.13	0.00	2.71	173.21	ppb
Selenium	78-2	-0.86	-0.86	0.48	-0.41		ppb
Selenium	82-1	0.13	-0.11	1.23	0.42	171.06	ppb
Silicon	28-1	-29.68	-29.41	-32.75	-30.61		ppb
Silver	109-1	0.00	0.01	0.00	0.01	64.40	ppb
Silver	107-1	0.01	0.00	0.00	0.00	310.04	ppb
Sodium	23-2	16.71	18.05	15.13	16.63	8.79	ppb
Strontium	86-1	-0.10	-0.07	-0.11	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-658.43	-567.38	-750.63	-658.81		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	21.44	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	388.83	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.09	-0.07	-0.09	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.89	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	55.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	-0.02	0.14	0.08	109.15	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.19	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BL	Instrumnet Name :	P8
Client Sample ID :	PB105664BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:21:45	DataFile Name :	029CCBE_P8011718MS.

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

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10259.91	9780.95	10180.02	10073.63	2.55	ppb
Antimony	121-1	511.78	501.74	500.67	504.73	1.21	ppb
Arsenic	75-2	501.19	504.69	487.30	497.73	1.85	ppb
Barium	135-1	2566.30	2500.96	2487.79	2518.35	1.67	ppb
Barium	137-1	2547.63	2476.77	2485.82	2503.41	1.54	ppb
Beryllium	9-1	511.75	497.38	501.95	503.69	1.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	482.61	476.86	486.79	482.09	1.03	ppb
Boron	11-1	479.60	478.49	491.25	483.11	1.46	ppb
Cadmium	111-1	513.50	505.03	498.17	505.56	1.52	ppb
Cadmium	106-1	521.54	506.30	501.91	509.92	2.02	ppb
Cadmium	108-1	520.53	500.44	501.48	507.48	2.23	ppb
Calcium	43-1	49807.98	48280.00	48363.80	48817.26	1.76	ppb
Calcium	44-1	50304.71	48824.31	48144.16	49091.06	2.25	ppb
Chromium	52-2	503.05	493.43	493.55	496.68	1.11	ppb
Cobalt	59-2	496.96	492.42	487.50	492.29	0.96	ppb
Copper	63-2	982.28	970.15	973.28	975.23	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				113		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	25782.50	25408.66	25400.52	25530.56	0.85	ppb
Iron	57-2	25038.54	24888.55	24793.60	24906.90	0.50	ppb
Lead	206-1	493.49	490.96	499.27	494.58	0.86	ppb
Lead	207-1	490.81	485.66	503.65	493.37	1.88	ppb
Lead	208-1	491.56	488.81	499.68	493.35	1.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	50631.60	50420.22	50116.77	50389.53	0.51	ppb
Manganese	55-2	1008.83	997.57	993.08	999.83	0.81	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2514.13	2458.06	2482.33	2484.84	1.13	ppb
Molybdenum	95-1	2485.82	2450.94	2426.68	2454.48	1.21	ppb
Molybdenum	96-1	2504.54	2450.64	2422.00	2459.06	1.70	ppb
Molybdenum	97-1	2515.49	2479.06	2480.43	2491.66	0.83	ppb
Molybdenum	98-1	2495.77	2478.69	2413.17	2462.54	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.13	494.84	487.57	494.18	1.28	ppb
Phosphorus	31-2	9621.74	10185.65	10402.35	10069.91	4.00	ppb
Potassium	39-2	25377.34	25216.23	25470.13	25354.57	0.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	470.87	461.31	461.57	464.58	1.17	ppb
Selenium	78-2	516.50	537.50	523.27	525.76	2.04	ppb
Selenium	82-1	502.00	500.38	491.86	498.08	1.09	ppb
Silicon	28-1	599.17	576.08	579.61	584.95	2.13	ppb
Silver	109-1	525.40	507.07	513.83	515.43	1.80	ppb
Silver	107-1	527.54	508.10	511.86	515.83	2.00	ppb
Sodium	23-2	52158.26	51261.50	51464.08	51627.95	0.91	ppb
Strontium	86-1	494.03	488.93	485.18	489.38	0.91	ppb
Strontium	88-1	504.37	499.52	495.26	499.72	0.91	ppb
Sulfur	34-1	10183.01	9283.30	9071.94	9512.75	6.20	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	500.31	487.69	499.90	495.97	1.45	ppb
Thallium	205-1	491.07	485.63	503.40	493.37	1.85	ppb
Tin	118-1	518.07	499.41	501.09	506.19	2.04	ppb
Titanium	47-1	2580.74	2506.07	2478.09	2521.63	2.10	ppb
Uranium	238-1	487.95	482.53	489.82	486.77	0.78	ppb
Vanadium	51-2	502.06	493.74	493.04	496.28	1.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	987.56	980.34	987.65	985.18	0.43	ppb
Zirconium	90-1	504.48	497.22	496.08	499.26	0.91	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.27	486.52	484.23	488.00	0.96	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50730.90	51537.81	50274.79	50847.83	1.26	ppb
Antimony	121-1	509.68	518.79	509.16	512.54	1.06	ppb
Arsenic	75-2	502.82	504.39	516.46	507.89	1.47	ppb
Barium	135-1	2543.81	2615.43	2585.72	2581.65	1.39	ppb
Barium	137-1	2542.48	2587.78	2564.89	2565.05	0.88	ppb
Beryllium	9-1	526.95	527.96	528.21	527.71	0.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	513.95	534.73	533.33	527.34	2.20	ppb
Boron	11-1	515.94	530.58	531.92	526.15	1.68	ppb
Cadmium	111-1	498.72	505.19	497.65	500.52	0.82	ppb
Cadmium	106-1	506.03	519.07	505.99	510.36	1.48	ppb
Cadmium	108-1	499.13	509.61	501.00	503.25	1.11	ppb
Calcium	43-1	245027.41	246692.38	247667.52	246462.44	0.54	ppb
Calcium	44-1	247942.38	245011.01	245145.97	246033.12	0.67	ppb
Chromium	52-2	498.00	520.43	496.31	504.91	2.67	ppb
Cobalt	59-2	485.99	501.50	486.44	491.31	1.80	ppb
Copper	63-2	933.73	972.73	943.72	950.06	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	123998.23	127619.97	124692.23	125436.81	1.53	ppb
Iron	57-2	121365.71	125118.68	121370.30	122618.23	1.77	ppb
Lead	206-1	514.59	510.18	513.12	512.63	0.44	ppb
Lead	207-1	501.50	509.52	508.03	506.35	0.84	ppb
Lead	208-1	511.27	510.41	509.57	510.42	0.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	254373.11	260428.58	251645.44	255482.38	1.76	ppb
Manganese	55-2	992.33	1024.30	987.65	1001.43	1.99	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2534.41	2491.77	2531.11	2519.09	0.94	ppb
Molybdenum	95-1	2508.71	2511.05	2526.18	2515.31	0.38	ppb
Molybdenum	96-1	2539.06	2527.40	2522.56	2529.68	0.34	ppb
Molybdenum	97-1	2544.28	2534.44	2537.66	2538.80	0.20	ppb
Molybdenum	98-1	2526.76	2516.42	2527.10	2523.43	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.03	492.11	480.23	483.46	1.57	ppb
Phosphorus	31-2	10205.08	10057.66	10370.72	10211.15	1.53	ppb
Potassium	39-2	125432.66	129052.40	125360.59	126615.21	1.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	511.45	527.60	549.43	529.49	3.60	ppb
Selenium	78-2	520.47	588.12	580.23	562.94	6.57	ppb
Selenium	82-1	499.61	492.92	496.15	496.23	0.67	ppb
Silicon	28-1	592.13	584.04	586.19	587.45	0.71	ppb
Silver	109-1	503.12	507.06	500.43	503.54	0.66	ppb
Silver	107-1	509.04	509.56	502.37	506.99	0.79	ppb
Sodium	23-2	253493.32	261803.72	253699.18	256332.07	1.85	ppb
Strontium	86-1	510.04	508.14	507.89	508.69	0.23	ppb
Strontium	88-1	520.22	517.73	516.25	518.07	0.39	ppb
Sulfur	34-1	10126.16	9460.57	9792.45	9793.06	3.40	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	510.52	511.91	511.63	511.36	0.14	ppb
Thallium	205-1	507.44	505.90	504.33	505.89	0.31	ppb
Tin	118-1	510.52	518.45	510.39	513.12	0.90	ppb
Titanium	47-1	2561.81	2573.56	2568.49	2567.95	0.23	ppb
Uranium	238-1	511.12	510.33	504.45	508.63	0.72	ppb
Vanadium	51-2	500.33	515.91	500.35	505.53	1.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	953.67	987.11	955.56	965.45	1.95	ppb
Zirconium	90-1	506.47	506.48	507.69	506.88	0.14	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.70	496.73	503.33	499.59	0.68	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	7.50	-2.20	1.83	276.35	ppb
Antimony	121-1	0.14	0.13	0.16	0.14	9.68	ppb
Arsenic	75-2	0.00	0.09	-0.06	0.01	561.53	ppb
Barium	135-1	0.06	0.04	0.06	0.05	22.43	ppb
Barium	137-1	0.07	0.06	0.07	0.07	7.53	ppb
Beryllium	9-1	0.28	0.25	0.24	0.26	7.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	7.58	5.95	7.93	7.15	14.76	ppb
Boron	11-1	9.18	7.67	7.45	8.10	11.64	ppb
Cadmium	111-1	0.00	-0.09	-0.01	-0.03		ppb
Cadmium	106-1	-0.06	-1.52	-0.52	-0.70		ppb
Cadmium	108-1	0.01	0.05	0.01	0.02	109.21	ppb
Calcium	43-1	-2.47	2.63	-2.38	-0.74		ppb
Calcium	44-1	-20.29	-21.32	-23.41	-21.67		ppb
Chromium	52-2	0.09	-0.02	0.16	0.08	123.45	ppb
Cobalt	59-2	-0.02	0.02	-0.01	0.00		ppb
Copper	63-2	0.09	0.14	0.14	0.13	23.70	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				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	6.00	5.70	5.99	5.89	2.86	ppb
Iron	57-2	5.60	7.77	5.92	6.43	18.28	ppb
Lead	206-1	0.09	0.06	0.07	0.08	20.44	ppb
Lead	207-1	0.08	0.06	0.06	0.07	21.33	ppb
Lead	208-1	0.09	0.07	0.07	0.08	14.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	-8.17	-3.25	-8.54	-6.65		ppb
Manganese	55-2	-0.03	0.04	-0.03	-0.01		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.13	0.10	0.12	14.33	ppb
Molybdenum	95-1	0.09	0.12	0.10	0.10	14.49	ppb
Molybdenum	96-1	0.10	0.13	0.12	0.12	12.52	ppb
Molybdenum	97-1	0.11	0.10	0.10	0.10	6.60	ppb
Molybdenum	98-1	0.14	0.12	0.14	0.13	9.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.03	-0.21	-0.04		ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	-4.94	-3.37	3.98	-1.44		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.86	-0.86	1.89	0.06	2759.86	ppb
Selenium	82-1	1.06	0.79	0.41	0.76	43.58	ppb
Silicon	28-1	-31.82	-33.17	-33.20	-32.73		ppb
Silver	109-1	0.03	0.03	0.02	0.02	25.19	ppb
Silver	107-1	0.03	0.02	0.01	0.02	41.99	ppb
Sodium	23-2	40.56	45.69	44.07	43.44	6.03	ppb
Strontium	86-1	-0.05	-0.01	-0.08	-0.05		ppb
Strontium	88-1	0.04	0.03	0.02	0.03	26.36	ppb
Sulfur	34-1	-1340.66	-1258.71	-1218.85	-1272.74		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.09	0.10	0.10	7.73	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	11.02	ppb
Tin	118-1	0.03	0.04	0.04	0.03	18.47	ppb
Titanium	47-1	0.11	0.01	0.01	0.04	117.35	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	29.83	ppb
Vanadium	51-2	0.03	0.00	0.01	0.02	86.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	0.17	0.26	0.10	0.18	43.00	ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	21.19	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	46.10	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	0.27	-2.20	0.24	992.49	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	20.70	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	18.01	ppb
Barium	135-1	3.06	2.78	3.41	3.08	10.14	ppb
Barium	137-1	3.14	3.25	3.31	3.23	2.73	ppb
Beryllium	9-1	0.19	0.20	0.30	0.23	27.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	65.18	68.57	68.86	67.54	3.03	ppb
Boron	11-1	68.83	67.77	75.11	70.57	5.62	ppb
Cadmium	111-1	0.01	-0.01	-0.01	0.00		ppb
Cadmium	106-1	-0.10	-0.73	-0.51	-0.45		ppb
Cadmium	108-1	-0.03	-0.03	0.15	0.03	386.40	ppb
Calcium	43-1	1225.67	1378.41	1403.73	1335.94	7.21	ppb
Calcium	44-1	1278.31	1307.26	1409.11	1331.56	5.16	ppb
Chromium	52-2	0.03	0.00	0.03	0.02	88.89	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	10.96	10.98	10.89	10.95	0.43	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				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	30.50	29.82	29.95	30.09	1.19	ppb
Iron	57-2	27.19	25.66	25.39	26.08	3.71	ppb
Lead	206-1	0.62	0.61	0.67	0.63	4.89	ppb
Lead	207-1	0.56	0.60	0.62	0.59	5.42	ppb
Lead	208-1	0.58	0.60	0.67	0.62	7.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	271.23	265.79	264.67	267.23	1.31	ppb
Manganese	55-2	0.79	0.95	1.11	0.95	16.96	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.09	0.10	0.08	40.42	ppb
Molybdenum	95-1	0.07	0.08	0.13	0.10	29.32	ppb
Molybdenum	96-1	0.11	0.07	0.11	0.10	21.13	ppb
Molybdenum	97-1	0.09	0.08	0.11	0.09	14.95	ppb
Molybdenum	98-1	0.08	0.12	0.06	0.09	32.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	0.09	-0.09	-0.04		ppb
Phosphorus	31-2	-5.23	65.69	29.89	30.12	117.73	ppb
Potassium	39-2	362.79	361.84	354.98	359.87	1.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	3.21	3.24	2.31	68.46	ppb
Selenium	82-1	0.94	0.32	0.84	0.70	47.60	ppb
Silicon	28-1	15.14	18.27	35.51	22.97	47.74	ppb
Silver	109-1	0.02	0.04	0.02	0.03	38.95	ppb
Silver	107-1	0.04	0.02	0.05	0.04	36.81	ppb
Sodium	23-2	8002.48	8093.88	7996.50	8030.95	0.68	ppb
Strontium	86-1	4.50	4.45	5.08	4.68	7.56	ppb
Strontium	88-1	4.60	4.48	5.08	4.72	6.71	ppb
Sulfur	34-1	-1304.29	-975.53	430.58	-616.41		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.10	0.07	0.08	18.94	ppb
Thallium	205-1	0.07	0.05	0.10	0.07	29.20	ppb
Tin	118-1	0.00	0.03	0.01	0.01	115.74	ppb
Titanium	47-1	0.02	-0.03	0.10	0.03	226.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.37	ppb
Vanadium	51-2	0.02	0.05	0.03	0.03	41.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	283.49	284.28	287.83	285.20	0.81	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	21.73	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.01	0.01	280.21	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BL	Instrumnet Name :	P8
Client Sample ID :	PB105666BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:40:11	DataFile Name :	034CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.74	0.31	0.48	1.18	115.11	ppb
Antimony	121-1	0.02	0.04	0.04	0.04	35.19	ppb
Arsenic	75-2	0.00	0.00	-0.06	-0.02		ppb
Barium	135-1	0.02	0.02	0.00	0.01	84.15	ppb
Barium	137-1	0.03	0.00	0.00	0.01	128.29	ppb
Beryllium	9-1	0.18	0.14	0.14	0.15	14.16	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	6.05	4.81	3.65	4.84	24.86	ppb
Boron	11-1	6.45	5.74	5.72	5.97	7.00	ppb
Cadmium	111-1	-0.06	-0.03	-0.07	-0.05		ppb
Cadmium	106-1	-0.87	-0.55	-0.92	-0.78		ppb
Cadmium	108-1	-0.03	0.01	0.05	0.01	448.25	ppb
Calcium	43-1	-8.85	-4.77	-5.96	-6.53		ppb
Calcium	44-1	-27.11	-22.79	-26.40	-25.43		ppb
Chromium	52-2	-0.04	0.05	0.12	0.05	172.86	ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.07	0.07	0.05	0.06	21.86	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				106		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	2.04	2.09	2.41	2.18	9.19	ppb
Iron	57-2	1.20	2.67	3.87	2.58	51.86	ppb
Lead	206-1	0.07	0.09	0.07	0.08	15.60	ppb
Lead	207-1	0.07	0.05	0.09	0.07	26.84	ppb
Lead	208-1	0.08	0.08	0.08	0.08	0.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	-13.11	-9.18	-1.76	-8.02		ppb
Manganese	55-2	-0.03	-0.08	0.09	0.00		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BL	Instrumnet Name :	P8
Client Sample ID :	PB105666BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:40:11	DataFile Name :	034CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.03	0.01	133.78	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	60.27	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.04	38.89	ppb
Molybdenum	97-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	31.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.34	-0.16	-0.22		ppb
Phosphorus	31-2	-5.23	-5.23	-5.23	-5.23		ppb
Potassium	39-2	29.57	51.98	13.77	31.78	60.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.86	1.91	0.61	0.56	249.20	ppb
Selenium	82-1	0.22	0.12	0.43	0.26	60.52	ppb
Silicon	28-1	-35.63	-31.64	-30.89	-32.72		ppb
Silver	109-1	0.01	0.00	0.01	0.01	70.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.63	ppb
Sodium	23-2	28.18	30.93	43.94	34.35	24.51	ppb
Strontium	86-1	-0.01	-0.08	0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	77.80	ppb
Sulfur	34-1	-1206.25	-912.01	-1009.20	-1042.49		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.09	0.05	0.07	25.83	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.43	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb
Titanium	47-1	0.00	0.00	0.12	0.04	155.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.62	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	726.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	-0.09	0.15	0.26	0.11	171.00	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	46.94	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BL	Instrumnet Name :	P8
Client Sample ID :	PB105666BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:40:11	DataFile Name :	034CCBE_P8011718MS.

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

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10540.03	10302.44	9732.25	10191.57	4.07	ppb
Antimony	121-1	499.26	516.72	498.67	504.88	2.03	ppb
Arsenic	75-2	503.72	508.13	509.39	507.08	0.59	ppb
Barium	135-1	2507.07	2550.77	2497.91	2518.58	1.12	ppb
Barium	137-1	2469.82	2517.79	2483.58	2490.40	0.99	ppb
Beryllium	9-1	508.66	495.28	502.30	502.08	1.33	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	459.60	487.20	479.51	475.44	3.00	ppb
Boron	11-1	475.71	481.32	489.54	482.19	1.44	ppb
Cadmium	111-1	501.37	505.87	503.86	503.70	0.45	ppb
Cadmium	106-1	525.22	519.04	508.38	517.55	1.65	ppb
Cadmium	108-1	500.47	506.93	503.88	503.76	0.64	ppb
Calcium	43-1	48701.81	48344.62	47832.26	48292.89	0.91	ppb
Calcium	44-1	49201.34	49561.64	48641.92	49134.97	0.94	ppb
Chromium	52-2	502.52	503.40	500.16	502.03	0.33	ppb
Cobalt	59-2	503.94	504.11	497.35	501.80	0.77	ppb
Copper	63-2	993.08	994.74	988.76	992.19	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	25858.05	26150.87	25816.40	25941.77	0.70	ppb
Iron	57-2	25707.10	25537.08	25021.30	25421.83	1.40	ppb
Lead	206-1	505.38	487.92	501.38	498.23	1.84	ppb
Lead	207-1	504.27	491.37	496.33	497.32	1.31	ppb
Lead	208-1	500.36	488.19	495.98	494.84	1.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	51745.69	51546.77	51430.87	51574.44	0.31	ppb
Manganese	55-2	1022.35	1017.72	1012.09	1017.39	0.51	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2461.66	2478.58	2461.61	2467.28	0.40	ppb
Molybdenum	95-1	2449.08	2464.09	2466.03	2459.73	0.38	ppb
Molybdenum	96-1	2454.38	2448.90	2455.81	2453.03	0.15	ppb
Molybdenum	97-1	2460.54	2476.20	2480.35	2472.36	0.42	ppb
Molybdenum	98-1	2485.22	2458.89	2469.64	2471.25	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.52	502.77	493.70	500.33	1.16	ppb
Phosphorus	31-2	11204.45	10706.72	10754.31	10888.49	2.52	ppb
Potassium	39-2	25912.57	25756.47	25922.38	25863.81	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	548.54	479.68	489.72	505.98	7.35	ppb
Selenium	78-2	507.92	511.22	595.70	538.28	9.24	ppb
Selenium	82-1	498.04	497.92	495.66	497.20	0.27	ppb
Silicon	28-1	573.44	579.16	572.01	574.87	0.66	ppb
Silver	109-1	504.77	512.46	509.11	508.78	0.76	ppb
Silver	107-1	511.87	520.67	513.34	515.29	0.92	ppb
Sodium	23-2	52757.38	52960.17	51555.83	52424.46	1.45	ppb
Strontium	86-1	480.55	483.20	486.27	483.34	0.59	ppb
Strontium	88-1	497.25	496.72	492.92	495.63	0.48	ppb
Sulfur	34-1	9470.02	9301.14	9134.20	9301.79	1.81	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	503.65	492.43	495.07	497.05	1.18	ppb
Thallium	205-1	498.34	482.66	494.95	491.98	1.68	ppb
Tin	118-1	497.25	511.46	502.04	503.58	1.44	ppb
Titanium	47-1	2519.54	2545.16	2482.94	2515.88	1.24	ppb
Uranium	238-1	490.63	481.53	482.14	484.77	1.05	ppb
Vanadium	51-2	511.66	507.02	503.15	507.28	0.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	999.09	1006.46	999.39	1001.65	0.42	ppb
Zirconium	90-1	495.90	494.05	489.91	493.29	0.62	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.75	484.16	482.91	484.94	0.52	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.78	35.22	51.02	40.34	22.94	ppb
Antimony	121-1	0.43	0.43	0.42	0.43	1.29	ppb
Arsenic	75-2	0.26	0.29	0.34	0.30	13.97	ppb
Barium	135-1	54.10	53.75	54.62	54.16	0.80	ppb
Barium	137-1	54.85	54.71	55.53	55.03	0.79	ppb
Beryllium	9-1	0.26	0.33	0.31	0.30	10.92	ppb
Bismuth	209-1				121		%
Bismuth	209-2				110		%
Boron	10-1	62.51	59.13	63.31	61.65	3.59	ppb
Boron	11-1	60.29	60.17	60.12	60.19	0.14	ppb
Cadmium	111-1	0.04	0.03	0.05	0.04	35.40	ppb
Cadmium	106-1	-0.65	-1.04	-0.44	-0.71		ppb
Cadmium	108-1	0.30	0.22	0.15	0.22	32.39	ppb
Calcium	43-1	36330.97	37012.77	37008.33	36784.02	1.07	ppb
Calcium	44-1	36939.34	37515.37	37431.60	37295.44	0.83	ppb
Chromium	52-2	0.29	0.41	0.29	0.33	20.56	ppb
Cobalt	59-2	0.10	0.07	0.12	0.09	27.28	ppb
Copper	63-2	1231.11	1238.37	1243.37	1237.62	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				123		%
Holmium	165-2				111		%
Indium	115-1				119		%
Indium	115-2				105		%
Iron	56-2	86.12	86.79	87.94	86.95	1.06	ppb
Iron	57-2	85.58	76.35	79.39	80.44	5.85	ppb
Lead	206-1	0.39	0.41	0.37	0.39	5.45	ppb
Lead	207-1	0.35	0.37	0.33	0.35	5.27	ppb
Lead	208-1	0.38	0.38	0.34	0.37	6.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	13633.05	13700.02	13688.10	13673.72	0.26	ppb
Manganese	55-2	14.24	14.08	13.46	13.93	2.96	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.52	0.53	0.61	0.55	8.61	ppb
Molybdenum	95-1	0.82	0.79	0.71	0.77	7.73	ppb
Molybdenum	96-1	0.74	0.68	0.72	0.71	4.47	ppb
Molybdenum	97-1	0.81	0.73	0.77	0.77	4.86	ppb
Molybdenum	98-1	0.71	0.78	0.78	0.76	5.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	0.97	1.14	1.12	12.79	ppb
Phosphorus	31-2	338.34	26.37	376.89	247.20	77.76	ppb
Potassium	39-2	3006.80	2887.10	3004.78	2966.23	2.31	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	77-2	7.45	0.00	0.00	2.48	173.21	ppb
Selenium	78-2	-0.86	0.39	0.38	-0.03		ppb
Selenium	82-1	0.22	0.74	0.63	0.53	51.70	ppb
Silicon	28-1	2668.60	2690.84	2703.17	2687.54	0.65	ppb
Silver	109-1	0.27	0.26	0.29	0.27	6.39	ppb
Silver	107-1	0.26	0.23	0.25	0.24	6.27	ppb
Sodium	23-2	75712.75	75166.37	76102.13	75660.42	0.62	ppb
Strontium	86-1	211.31	212.23	209.73	211.09	0.60	ppb
Strontium	88-1	217.94	219.01	217.70	218.22	0.32	ppb
Sulfur	34-1	18003.55	19110.41	18929.30	18681.08	3.18	ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	0.44	0.39	0.31	0.38	17.12	ppb
Thallium	205-1	0.41	0.35	0.31	0.36	12.82	ppb
Tin	118-1	0.18	0.16	0.08	0.14	35.00	ppb
Titanium	47-1	0.26	0.35	0.35	0.32	15.80	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.69	ppb
Vanadium	51-2	0.21	0.22	0.18	0.20	11.94	ppb
Yttrium	89-1				117		%
Yttrium	89-2				104		%
Zinc	66-2	64.90	63.61	63.90	64.14	1.06	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	12.90	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	31.04	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01DUP	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:49:34	DataFile Name :	037SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.27	27.44	40.81	40.17	30.94	ppb
Antimony	121-1	0.30	0.38	0.35	0.34	11.78	ppb
Arsenic	75-2	0.29	0.24	0.32	0.28	13.94	ppb
Barium	135-1	54.19	54.19	53.98	54.12	0.23	ppb
Barium	137-1	54.89	54.37	55.79	55.02	1.30	ppb
Beryllium	9-1	0.19	0.19	0.24	0.21	12.85	ppb
Bismuth	209-1				121		%
Bismuth	209-2				109		%
Boron	10-1	49.43	56.17	52.54	52.72	6.39	ppb
Boron	11-1	54.53	54.14	53.19	53.96	1.28	ppb
Cadmium	111-1	0.01	0.02	0.00	0.01	140.89	ppb
Cadmium	106-1	-0.42	-0.36	-0.90	-0.56		ppb
Cadmium	108-1	0.11	0.04	0.00	0.05	115.64	ppb
Calcium	43-1	37247.55	36859.08	37366.03	37157.56	0.71	ppb
Calcium	44-1	37699.32	37710.13	38021.60	37810.35	0.48	ppb
Chromium	52-2	0.34	0.35	0.32	0.33	3.71	ppb
Cobalt	59-2	0.06	0.07	0.13	0.09	42.62	ppb
Copper	63-2	1225.24	1274.19	1266.68	1255.37	2.10	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				123		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				104		%
Iron	56-2	84.82	87.70	87.81	86.78	1.96	ppb
Iron	57-2	88.13	92.41	83.63	88.06	4.99	ppb
Lead	206-1	0.30	0.24	0.25	0.26	11.23	ppb
Lead	207-1	0.24	0.26	0.27	0.25	5.72	ppb
Lead	208-1	0.27	0.25	0.26	0.26	4.26	ppb
Lithium	6-1				108		%
Magnesium	24-2	13360.05	14048.54	13747.01	13718.53	2.52	ppb
Manganese	55-2	13.29	13.19	14.85	13.78	6.77	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01DUP	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:49:34	DataFile Name :	037SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.45	0.49	0.48	5.07	ppb
Molybdenum	95-1	0.67	0.68	0.74	0.70	5.62	ppb
Molybdenum	96-1	0.61	0.66	0.64	0.63	4.05	ppb
Molybdenum	97-1	0.56	0.63	0.69	0.63	10.42	ppb
Molybdenum	98-1	0.68	0.67	0.69	0.68	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.22	0.96	1.07	12.99	ppb
Phosphorus	31-2	557.94	420.33	482.36	486.87	14.15	ppb
Potassium	39-2	2823.53	2984.40	3030.26	2946.06	3.69	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	7.59	0.00	0.00	2.53	173.21	ppb
Selenium	78-2	-0.86	-0.86	0.40	-0.44		ppb
Selenium	82-1	0.48	0.99	0.11	0.53	83.50	ppb
Silicon	28-1	2663.71	2686.70	2683.03	2677.82	0.46	ppb
Silver	109-1	0.18	0.23	0.22	0.21	11.40	ppb
Silver	107-1	0.20	0.24	0.21	0.22	9.30	ppb
Sodium	23-2	73956.20	78013.10	76114.11	76027.80	2.67	ppb
Strontium	86-1	212.64	215.57	215.98	214.73	0.85	ppb
Strontium	88-1	220.20	223.40	223.73	222.44	0.88	ppb
Sulfur	34-1	19522.66	19679.15	19863.60	19688.47	0.87	ppb
Terbium	159-1				122		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.08	0.09	0.08	11.72	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.22	ppb
Tin	118-1	0.11	0.12	0.14	0.12	12.58	ppb
Titanium	47-1	0.15	0.35	0.13	0.21	59.16	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.89	ppb
Vanadium	51-2	0.20	0.18	0.22	0.20	10.27	ppb
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	62.01	66.18	66.38	64.86	3.81	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.40	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01DUP	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:49:34	DataFile Name :	037SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.00	0.01	299.49	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	12.37	5.11	5.90	103.65	ppb
Antimony	121-1	0.17	0.18	0.13	0.16	15.76	ppb
Arsenic	75-2	0.00	-0.03	0.00	-0.01		ppb
Barium	135-1	10.38	11.16	10.82	10.79	3.61	ppb
Barium	137-1	10.34	11.17	10.68	10.73	3.88	ppb
Beryllium	9-1	0.14	0.12	0.10	0.12	18.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	14.39	16.33	16.30	15.68	7.09	ppb
Boron	11-1	16.56	16.74	16.78	16.69	0.69	ppb
Cadmium	111-1	0.00	-0.01	-0.11	-0.04		ppb
Cadmium	106-1	-0.42	-0.53	-1.55	-0.83		ppb
Cadmium	108-1	0.01	0.01	0.05	0.02	110.21	ppb
Calcium	43-1	7148.84	7736.73	7325.29	7403.62	4.07	ppb
Calcium	44-1	7324.30	8011.09	7370.82	7568.74	5.07	ppb
Chromium	52-2	0.21	0.05	0.08	0.12	71.41	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	243.48	242.44	244.56	243.50	0.44	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				111		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	17.95	17.52	17.00	17.49	2.72	ppb
Iron	57-2	19.71	21.82	19.89	20.47	5.72	ppb
Lead	206-1	0.11	0.10	0.08	0.10	14.38	ppb
Lead	207-1	0.09	0.12	0.09	0.10	14.76	ppb
Lead	208-1	0.10	0.10	0.10	0.10	3.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	2577.92	2640.33	2609.35	2609.20	1.20	ppb
Manganese	55-2	2.71	2.65	2.51	2.62	3.82	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.12	0.10	0.11	9.08	ppb
Molybdenum	95-1	0.12	0.18	0.12	0.14	25.97	ppb
Molybdenum	96-1	0.17	0.16	0.16	0.16	5.54	ppb
Molybdenum	97-1	0.17	0.19	0.14	0.17	17.78	ppb
Molybdenum	98-1	0.13	0.17	0.16	0.15	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.39	-0.16	-0.29		ppb
Phosphorus	31-2	98.87	64.50	64.72	76.03	26.01	ppb
Potassium	39-2	618.09	599.30	578.30	598.56	3.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.86	3.16	-0.86	0.48	480.42	ppb
Selenium	82-1	-0.27	0.40	0.75	0.29	178.10	ppb
Silicon	28-1	500.41	568.80	515.23	528.15	6.81	ppb
Silver	109-1	0.05	0.06	0.05	0.05	9.12	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.34	ppb
Sodium	23-2	14258.43	14328.61	14329.14	14305.39	0.28	ppb
Strontium	86-1	40.76	43.84	41.10	41.90	4.02	ppb
Strontium	88-1	42.07	45.43	41.83	43.11	4.66	ppb
Sulfur	34-1	3035.74	4961.71	3510.62	3836.02	26.16	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.05	0.05	7.64	ppb
Thallium	205-1	0.05	0.05	0.03	0.05	20.33	ppb
Tin	118-1	0.05	0.05	0.04	0.05	11.62	ppb
Titanium	47-1	0.05	0.00	-0.01	0.01	252.53	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	36.44	ppb
Vanadium	51-2	0.04	0.09	0.00	0.05	99.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	12.49	13.57	13.50	13.18	4.58	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	69.06	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

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

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2345.26	2041.38	2014.47	2133.70	8.61	ppb
Antimony	121-1	765.59	773.80	771.83	770.41	0.56	ppb
Arsenic	75-2	850.08	869.02	862.44	860.51	1.12	ppb
Barium	135-1	263.12	267.13	267.56	265.94	0.92	ppb
Barium	137-1	265.99	269.91	270.79	268.90	0.95	ppb
Beryllium	9-1	215.86	215.47	212.66	214.66	0.81	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Boron	10-1	341.55	357.35	360.50	353.13	2.88	ppb
Boron	11-1	335.41	348.05	353.46	345.64	2.68	ppb
Cadmium	111-1	210.25	214.07	211.45	211.92	0.92	ppb
Cadmium	106-1	181.78	190.91	180.68	184.46	3.04	ppb
Cadmium	108-1	193.30	201.42	199.93	198.22	2.18	ppb
Calcium	43-1	38120.82	37774.92	38558.59	38151.44	1.03	ppb
Calcium	44-1	38498.87	38236.93	38716.44	38484.08	0.62	ppb
Chromium	52-2	446.53	432.46	432.02	437.00	1.89	ppb
Cobalt	59-2	224.69	218.15	219.02	220.62	1.61	ppb
Copper	63-2	1662.13	1632.99	1619.87	1638.33	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	56-2	3517.40	3417.21	3415.38	3450.00	1.69	ppb
Iron	57-2	3426.78	3466.82	3344.45	3412.68	1.83	ppb
Lead	206-1	1064.59	1047.03	1048.56	1053.39	0.92	ppb
Lead	207-1	1031.44	1024.71	1020.66	1025.60	0.53	ppb
Lead	208-1	1045.04	1030.34	1034.55	1036.65	0.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	16249.28	15999.65	15609.36	15952.76	2.02	ppb
Manganese	55-2	234.86	226.63	227.50	229.66	1.97	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	293.68	289.80	286.93	290.14	1.17	ppb
Molybdenum	95-1	424.00	420.87	414.71	419.86	1.13	ppb
Molybdenum	96-1	419.13	414.06	395.84	409.67	2.99	ppb
Molybdenum	97-1	424.28	421.97	413.96	420.07	1.29	ppb
Molybdenum	98-1	427.78	429.06	422.28	426.37	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.45	545.34	549.44	552.74	1.72	ppb
Phosphorus	31-2	8032.19	6814.76	7368.43	7405.13	8.23	ppb
Potassium	39-2	13934.75	13739.30	13533.90	13735.98	1.46	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				93		%
Selenium	77-2	2349.97	2192.19	2164.08	2235.41	4.48	ppb
Selenium	78-2	2285.58	2373.54	2281.61	2313.57	2.25	ppb
Selenium	82-1	2151.92	2150.20	2098.02	2133.38	1.44	ppb
Silicon	28-1	3681.23	3713.56	3698.84	3697.88	0.44	ppb
Silver	109-1	77.55	79.35	78.48	78.46	1.15	ppb
Silver	107-1	78.25	79.67	79.08	79.00	0.90	ppb
Sodium	23-2	80092.25	78982.85	78418.23	79164.44	1.08	ppb
Strontium	86-1	420.27	419.53	410.23	416.68	1.34	ppb
Strontium	88-1	429.02	425.79	419.75	424.85	1.11	ppb
Sulfur	34-1	19103.77	18742.38	19116.36	18987.50	1.12	ppb
Terbium	159-1				122		%
Terbium	159-2				108		%
Thallium	203-1	2102.23	2071.24	2063.80	2079.09	0.98	ppb
Thallium	205-1	2110.93	2086.37	2092.43	2096.58	0.61	ppb
Tin	118-1	740.84	742.16	748.36	743.79	0.54	ppb
Titanium	47-1	213.46	213.20	210.88	212.51	0.67	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.76	ppb
Vanadium	51-2	333.03	322.97	317.73	324.57	2.40	ppb
Yttrium	89-1				115		%
Yttrium	89-2				100		%
Zinc	66-2	290.63	281.29	280.23	284.05	2.02	ppb
Zirconium	90-1	0.23	0.25	0.19	0.22	12.39	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.37	0.39	0.36	9.11	ppb

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : J1146-01MSD Instrumnet Name : P8
 Client Sample ID : 100G-BATHROOMMSD Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:59:02 DataFile Name : 040CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2251.43	2088.31	1998.44	2112.73	6.07	ppb
Antimony	121-1	785.17	776.77	767.48	776.47	1.14	ppb
Arsenic	75-2	860.27	865.49	863.64	863.14	0.31	ppb
Barium	135-1	271.09	266.89	268.15	268.71	0.80	ppb
Barium	137-1	272.45	269.95	268.78	270.39	0.69	ppb
Beryllium	9-1	216.55	213.23	215.22	215.00	0.78	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Boron	10-1	358.60	352.04	362.93	357.86	1.53	ppb
Boron	11-1	349.23	359.89	362.56	357.23	1.97	ppb
Cadmium	111-1	217.97	215.21	213.87	215.68	0.97	ppb
Cadmium	106-1	189.32	188.97	183.25	187.18	1.82	ppb
Cadmium	108-1	198.52	192.77	196.26	195.85	1.48	ppb
Calcium	43-1	37902.45	37870.33	38196.08	37989.62	0.47	ppb
Calcium	44-1	38562.36	38399.58	38693.44	38551.79	0.38	ppb
Chromium	52-2	446.36	436.07	438.62	440.35	1.22	ppb
Cobalt	59-2	225.75	219.32	220.84	221.97	1.51	ppb
Copper	63-2	1637.26	1612.30	1603.09	1617.55	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				122		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	3514.62	3408.06	3432.61	3451.76	1.62	ppb
Iron	57-2	3491.39	3349.24	3434.94	3425.19	2.09	ppb
Lead	206-1	1072.98	1058.54	1075.93	1069.15	0.87	ppb
Lead	207-1	1041.18	1028.87	1032.12	1034.06	0.62	ppb
Lead	208-1	1048.59	1042.24	1055.29	1048.70	0.62	ppb
Lithium	6-1				106		%
Magnesium	24-2	15952.12	15542.79	15792.50	15762.47	1.31	ppb
Manganese	55-2	232.55	230.73	229.95	231.08	0.58	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MSD	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:59:02	DataFile Name :	040CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	292.49	298.00	292.32	294.27	1.10	ppb
Molybdenum	95-1	420.08	424.61	419.63	421.44	0.65	ppb
Molybdenum	96-1	401.97	407.31	404.38	404.55	0.66	ppb
Molybdenum	97-1	424.30	425.76	423.37	424.48	0.28	ppb
Molybdenum	98-1	432.69	432.08	432.21	432.33	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.79	552.24	550.04	555.02	1.23	ppb
Phosphorus	31-2	6472.67	6694.86	7935.26	7034.26	11.20	ppb
Potassium	39-2	13900.02	13704.08	13717.93	13774.01	0.79	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	77-2	2456.64	2308.70	2334.26	2366.53	3.34	ppb
Selenium	78-2	2408.44	2284.91	2316.85	2336.74	2.74	ppb
Selenium	82-1	2146.16	2175.98	2150.96	2157.70	0.74	ppb
Silicon	28-1	3741.20	3701.57	3672.37	3705.04	0.93	ppb
Silver	109-1	79.81	80.08	79.18	79.69	0.58	ppb
Silver	107-1	79.83	79.44	78.99	79.42	0.53	ppb
Sodium	23-2	79674.67	77483.16	78563.17	78573.67	1.39	ppb
Strontium	86-1	416.76	419.54	418.08	418.12	0.33	ppb
Strontium	88-1	424.24	430.78	427.80	427.61	0.77	ppb
Sulfur	34-1	18482.62	18514.13	18781.54	18592.76	0.88	ppb
Terbium	159-1				121		%
Terbium	159-2				108		%
Thallium	203-1	2096.68	2097.32	2117.52	2103.84	0.56	ppb
Thallium	205-1	2116.43	2121.50	2124.48	2120.80	0.19	ppb
Tin	118-1	761.26	758.62	750.36	756.75	0.75	ppb
Titanium	47-1	216.19	217.36	216.89	216.81	0.27	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	22.65	ppb
Vanadium	51-2	334.28	318.81	324.45	325.85	2.40	ppb
Yttrium	89-1				113		%
Yttrium	89-2				98		%
Zinc	66-2	292.85	279.74	284.20	285.59	2.33	ppb
Zirconium	90-1	0.24	0.25	0.27	0.25	5.83	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MSD	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:59:02	DataFile Name :	040CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.43	0.36	0.40	8.71	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2127.54	2198.55	2538.99	2288.36	9.61	ppb
Antimony	121-1	769.02	775.28	768.34	770.88	0.50	ppb
Arsenic	75-2	862.78	873.14	971.17	902.36	6.63	ppb
Barium	135-1	267.51	265.26	263.69	265.48	0.72	ppb
Barium	137-1	267.22	268.49	267.05	267.59	0.29	ppb
Beryllium	9-1	211.64	213.58	214.06	213.09	0.60	ppb
Bismuth	209-1				120		%
Bismuth	209-2				103		%
Boron	10-1	350.27	363.48	363.45	359.07	2.12	ppb
Boron	11-1	342.40	354.50	358.03	351.64	2.33	ppb
Cadmium	111-1	212.37	213.35	213.33	213.02	0.26	ppb
Cadmium	106-1	187.78	186.83	185.54	186.72	0.60	ppb
Cadmium	108-1	200.10	194.83	196.05	197.00	1.40	ppb
Calcium	43-1	37862.85	37988.76	37435.47	37762.36	0.77	ppb
Calcium	44-1	38109.43	38330.53	37707.02	38048.99	0.83	ppb
Chromium	52-2	441.27	441.81	508.66	463.91	8.35	ppb
Cobalt	59-2	224.20	223.96	258.06	235.41	8.33	ppb
Copper	63-2	1627.31	1634.33	1898.33	1719.99	8.98	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				103		%
Indium	115-1				112		%
Indium	115-2				92		%
Iron	56-2	3495.40	3518.44	4000.05	3671.29	7.76	ppb
Iron	57-2	3443.03	3442.70	4031.84	3639.19	9.34	ppb
Lead	206-1	1065.27	1059.93	1045.29	1056.83	0.98	ppb
Lead	207-1	1029.13	1034.39	1038.53	1034.02	0.46	ppb
Lead	208-1	1042.79	1045.76	1041.14	1043.23	0.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	15848.12	16075.55	18325.80	16749.82	8.18	ppb
Manganese	55-2	230.68	234.71	269.04	244.81	8.61	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	294.90	291.37	296.07	294.12	0.83	ppb
Molybdenum	95-1	421.11	416.07	426.43	421.21	1.23	ppb
Molybdenum	96-1	403.28	398.84	408.85	403.66	1.24	ppb
Molybdenum	97-1	425.93	421.53	427.80	425.08	0.76	ppb
Molybdenum	98-1	435.40	437.13	435.31	435.95	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.79	560.70	646.67	590.72	8.21	ppb
Phosphorus	31-2	6317.22	7776.32	7954.88	7349.47	12.22	ppb
Potassium	39-2	13742.33	13905.93	15838.88	14495.71	8.04	ppb
Rhodium	103-1				109		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				84		%
Selenium	77-2	2850.78	2387.20	2394.96	2544.31	10.43	ppb
Selenium	78-2	2306.91	2298.67	2597.28	2400.95	7.08	ppb
Selenium	82-1	2175.75	2129.10	2178.04	2160.97	1.28	ppb
Silicon	28-1	3635.49	3667.72	3606.70	3636.64	0.84	ppb
Silver	109-1	79.16	78.73	78.48	78.79	0.44	ppb
Silver	107-1	78.29	79.26	78.83	78.79	0.62	ppb
Sodium	23-2	78915.12	80459.03	91377.47	83583.87	8.13	ppb
Strontium	86-1	421.55	411.82	423.51	418.96	1.49	ppb
Strontium	88-1	431.83	423.71	435.61	430.39	1.41	ppb
Sulfur	34-1	18578.68	18746.32	18066.98	18463.99	1.92	ppb
Terbium	159-1				120		%
Terbium	159-2				102		%
Thallium	203-1	2091.77	2081.34	2071.98	2081.70	0.48	ppb
Thallium	205-1	2114.35	2107.45	2073.66	2098.49	1.04	ppb
Tin	118-1	742.88	750.18	744.67	745.91	0.51	ppb
Titanium	47-1	213.57	216.95	210.79	213.77	1.44	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	7.38	ppb
Vanadium	51-2	326.26	332.69	377.00	345.32	8.00	ppb
Yttrium	89-1				111		%
Yttrium	89-2				92		%
Zinc	66-2	291.34	293.36	341.14	308.62	9.13	ppb
Zirconium	90-1	0.14	0.16	0.15	0.15	5.84	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.27	0.34	0.30	11.80	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53241.45	50566.50	52297.25	52035.07	2.61	ppb
Antimony	121-1	512.10	507.12	512.85	510.69	0.61	ppb
Arsenic	75-2	506.33	504.59	506.00	505.64	0.18	ppb
Barium	135-1	2544.74	2529.89	2584.22	2552.95	1.10	ppb
Barium	137-1	2533.16	2501.78	2555.02	2529.98	1.06	ppb
Beryllium	9-1	518.95	512.68	510.73	514.12	0.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	493.49	509.76	514.70	505.99	2.19	ppb
Boron	11-1	504.65	505.88	515.93	508.82	1.22	ppb
Cadmium	111-1	487.01	490.31	495.10	490.81	0.83	ppb
Cadmium	106-1	490.20	490.14	511.44	497.26	2.47	ppb
Cadmium	108-1	500.66	485.82	499.57	495.35	1.67	ppb
Calcium	43-1	249089.96	247241.07	245707.51	247346.18	0.68	ppb
Calcium	44-1	248587.13	247776.31	248363.55	248242.33	0.17	ppb
Chromium	52-2	523.34	506.90	520.87	517.04	1.71	ppb
Cobalt	59-2	509.65	497.10	503.37	503.38	1.25	ppb
Copper	63-2	994.23	965.41	980.48	980.04	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	130737.10	127290.92	130055.07	129361.03	1.41	ppb
Iron	57-2	127489.44	123373.50	125970.81	125611.25	1.66	ppb
Lead	206-1	511.40	513.30	515.20	513.30	0.37	ppb
Lead	207-1	511.54	508.99	510.70	510.41	0.25	ppb
Lead	208-1	508.47	508.86	511.34	509.55	0.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	261265.51	253710.53	259102.11	258026.05	1.51	ppb
Manganese	55-2	1037.54	1014.53	1031.65	1027.91	1.16	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2528.52	2514.64	2511.85	2518.34	0.35	ppb
Molybdenum	95-1	2492.59	2516.72	2514.98	2508.10	0.54	ppb
Molybdenum	96-1	2517.53	2506.58	2511.03	2511.71	0.22	ppb
Molybdenum	97-1	2548.89	2529.95	2534.40	2537.74	0.39	ppb
Molybdenum	98-1	2525.86	2498.55	2505.33	2509.91	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.52	495.48	499.82	499.94	0.90	ppb
Phosphorus	31-2	10830.52	10865.89	10847.75	10848.05	0.16	ppb
Potassium	39-2	129118.79	125444.30	126840.59	127134.56	1.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	620.84	435.13	497.91	517.96	18.24	ppb
Selenium	78-2	510.43	582.32	581.65	558.13	7.40	ppb
Selenium	82-1	491.29	496.24	485.78	491.10	1.07	ppb
Silicon	28-1	557.56	557.99	560.22	558.59	0.26	ppb
Silver	109-1	492.75	501.90	503.23	499.29	1.14	ppb
Silver	107-1	501.86	496.64	505.44	501.31	0.88	ppb
Sodium	23-2	259988.81	254929.14	260043.05	258320.33	1.14	ppb
Strontium	86-1	501.44	500.85	500.95	501.08	0.06	ppb
Strontium	88-1	522.17	517.91	512.22	517.43	0.96	ppb
Sulfur	34-1	10335.88	10023.09	10074.82	10144.60	1.65	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	509.63	505.45	513.03	509.37	0.75	ppb
Thallium	205-1	502.40	503.76	514.38	506.85	1.29	ppb
Tin	118-1	501.68	502.15	507.45	503.76	0.64	ppb
Titanium	47-1	2548.69	2546.61	2499.92	2531.74	1.09	ppb
Uranium	238-1	514.44	514.29	517.50	515.41	0.35	ppb
Vanadium	51-2	519.71	506.81	522.23	516.25	1.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	1011.04	983.97	1001.00	998.67	1.37	ppb
Zirconium	90-1	504.45	504.31	503.91	504.22	0.06	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.82	495.92	495.72	496.15	0.12	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:27:29	DataFile Name :	043CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.20	-2.20	5.51	0.37	1195.65	ppb
Antimony	121-1	0.24	0.23	0.20	0.22	9.97	ppb
Arsenic	75-2	0.03	-0.03	0.00	0.00	810.20	ppb
Barium	135-1	0.05	0.01	0.02	0.03	75.45	ppb
Barium	137-1	0.04	0.03	0.03	0.03	21.70	ppb
Beryllium	9-1	0.20	0.17	0.18	0.18	8.89	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	6.77	8.20	5.79	6.92	17.51	ppb
Boron	11-1	6.62	6.12	6.78	6.51	5.27	ppb
Cadmium	111-1	-0.07	-0.04	0.00	-0.04		ppb
Cadmium	106-1	-1.13	-0.63	-0.29	-0.68		ppb
Cadmium	108-1	0.01	0.09	0.01	0.03	140.87	ppb
Calcium	43-1	-2.15	-9.42	-6.36	-5.98		ppb
Calcium	44-1	-25.95	-23.84	-24.78	-24.86		ppb
Chromium	52-2	0.00	0.02	-0.09	-0.03		ppb
Cobalt	59-2	-0.03	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.08	0.14	0.05	0.09	52.82	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				112		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	2.23	2.19	3.13	2.52	21.27	ppb
Iron	57-2	2.09	2.09	2.12	2.10	0.91	ppb
Lead	206-1	0.08	0.08	0.08	0.08	5.10	ppb
Lead	207-1	0.12	0.08	0.09	0.10	20.20	ppb
Lead	208-1	0.10	0.08	0.09	0.09	10.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	-7.24	-9.92	-10.90	-9.35		ppb
Manganese	55-2	-0.10	-0.07	0.05	-0.04		ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:27:29	DataFile Name :	043CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.07	0.07	18.11	ppb
Molybdenum	95-1	0.04	0.06	0.07	0.06	24.61	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.07	7.59	ppb
Molybdenum	97-1	0.02	0.10	0.05	0.06	68.40	ppb
Molybdenum	98-1	0.06	0.08	0.06	0.07	14.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.25	-0.24	-0.27		ppb
Phosphorus	31-2	31.48	-5.23	-5.23	7.01	302.36	ppb
Potassium	39-2	25.14	21.20	3.33	16.56	70.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.86	0.52	0.55	0.07	1156.14	ppb
Selenium	82-1	0.32	0.39	1.03	0.58	67.18	ppb
Silicon	28-1	-39.66	-41.71	-40.05	-40.47		ppb
Silver	109-1	0.01	0.02	0.02	0.02	16.10	ppb
Silver	107-1	0.03	0.01	0.02	0.02	35.91	ppb
Sodium	23-2	47.94	26.73	34.52	36.39	29.48	ppb
Strontium	86-1	0.00	-0.09	-0.08	-0.06		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	31.50	ppb
Sulfur	34-1	-739.15	-1218.98	-951.26	-969.79		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.11	0.11	0.12	10.21	ppb
Thallium	205-1	0.09	0.10	0.10	0.09	8.10	ppb
Tin	118-1	0.00	0.13	0.03	0.05	131.54	ppb
Titanium	47-1	0.06	-0.05	0.04	0.02	299.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	30.85	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	70.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	0.20	0.20	0.49	0.30	56.95	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	22.88	ppb

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:27:29	DataFile Name :	043CCBE_P8011718MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.01	0.01	337.38	ppb

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 11:25:56 DataFile Name : 004CALB_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	58	50	125	78	52.85	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	33	25	58	39	44.62	cps
Barium	137-1	8	33	67	36	81.06	cps
Beryllium	9-1	67	122	56	81	43.83	cps
Bismuth	209-1	3669524	3612229	3615870	3632541	0.88	cps
Bismuth	209-2	848314	848297	861915	852842	0.92	cps
Boron	10-1	283	250	325	286	13.13	cps
Boron	11-1	1500	1342	1092	1311	15.70	cps
Cadmium	111-1	654	498	493	548	16.73	cps
Cadmium	106-1	917	675	700	764	17.40	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	708	742	692	714	3.57	cps
Calcium	44-1	18922	18488	18864	18758	1.26	cps
Chromium	52-2	220	253	233	236	7.12	cps
Cobalt	59-2	87	47	73	69	29.56	cps
Copper	63-2	70	77	137	94	38.88	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	5292250	5267290	5258083	5272541	0.34	cps
Holmium	165-2	1038582	1040709	1043449	1040913	0.23	cps
Indium	115-1	4210728	4275517	4231857	4239367	0.78	cps
Indium	115-2	174854	173384	177013	175084	1.04	cps
Iron	56-2	1456	1450	1761	1556	11.45	cps
Iron	57-2	72	17	28	39	75.58	cps
Lead	206-1	350	294	394	346	14.47	cps
Lead	207-1	339	239	272	283	17.97	cps
Lead	208-1	1417	1272	1295	1328	5.86	cps
Lithium	6-1	722204	725304	726831	724780	0.33	cps
Magnesium	24-2	508	475	542	508	6.56	cps
Manganese	55-2	33	40	7	27	66.13	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:25:56	DataFile Name :	004CALB_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	92	75	175	114	47.04	cps
Molybdenum	95-1	25	58	33	39	44.62	cps
Molybdenum	96-1	33	58	75	56	37.75	cps
Molybdenum	97-1	75	33	42	50	44.10	cps
Molybdenum	98-1	58	50	50	53	9.12	cps
Neodymium	150-1	7	33	20	20	66.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	693	700	677	690	1.74	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1834	1909	2225	1989	10.45	cps
Rhodium	103-1	3980053	3947388	3967574	3965005	0.42	cps
Rhodium	103-2	978551	977101	996350	984001	1.09	cps
Scandium	45-1	2320176	2310795	2330581	2320517	0.43	cps
Scandium	45-2	17601	17474	17755	17610	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-8	-28	-101	-45	-108.30	cps
Silicon	28-1	399444	393911	390712	394689	1.12	cps
Silver	109-1	50	33	50	44	21.66	cps
Silver	107-1	33	75	67	58	37.80	cps
Sodium	23-2	7602	6944	7661	7402	5.38	cps
Strontium	86-1	583	517	517	539	7.14	cps
Strontium	88-1	133	83	92	103	26.06	cps
Sulfur	34-1	319518	319646	320390	319851	0.15	cps
Terbium	159-1	5420477	5406128	5405173	5410593	0.16	cps
Terbium	159-2	997593	993150	1006567	999103	0.68	cps
Thallium	203-1	208	200	175	194	8.92	cps
Thallium	205-1	475	642	558	558	14.93	cps
Tin	118-1	492	475	400	456	10.72	cps
Titanium	47-1	117	175	108	133	27.24	cps
Uranium	238-1	42	33	0	25	88.19	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	4416166	4407681	4373961	4399269	0.51	cps
Yttrium	89-2	128130	129008	129685	128941	0.60	cps
Zinc	66-2	20	23	17	20	16.65	cps
Zirconium	90-1	242	217	233	231	5.52	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:25:56	DataFile Name :	004CALB_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	42	92	69	36.66	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	75	78	26.96	cps
Antimony	121-1	11739	12156	11872	11922	1.79	cps
Arsenic	75-2	78	61	70	70	11.97	cps
Barium	135-1	12498	12798	12532	12609	1.31	cps
Barium	137-1	21544	21526	21786	21619	0.67	cps
Beryllium	9-1	822	839	861	841	2.32	cps
Bismuth	209-1	3641696	3639165	3605464	3628775	0.56	cps
Bismuth	209-2	857402	856389	855399	856397	0.12	cps
Boron	10-1	2117	2042	2167	2109	2.99	cps
Boron	11-1	9895	10471	10496	10287	3.30	cps
Cadmium	111-1	1836	1833	1746	1805	2.83	cps
Cadmium	106-1	1008	1017	958	995	3.17	cps
Cadmium	108-1	100	83	125	103	20.40	cps
Calcium	43-1	6143	6585	6710	6480	4.60	cps
Calcium	44-1	114380	113188	115614	114394	1.06	cps
Chromium	52-2	1113	1200	1173	1162	3.82	cps
Cobalt	59-2	1207	1167	1097	1157	4.81	cps
Copper	63-2	2150	2017	1987	2051	4.24	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5372771	5411621	5361760	5382051	0.49	cps
Holmium	165-2	1041947	1040873	1038927	1040582	0.15	cps
Indium	115-1	4240444	4293026	4278447	4270639	0.64	cps
Indium	115-2	174791	173965	173733	174163	0.32	cps
Iron	56-2	17923	18646	17083	17884	4.37	cps
Iron	57-2	472	450	450	457	2.81	cps
Lead	206-1	4473	4429	4401	4434	0.82	cps
Lead	207-1	4012	3817	4195	4008	4.72	cps
Lead	208-1	17761	17161	18094	17672	2.68	cps
Lithium	6-1	718986	716850	714139	716659	0.34	cps
Magnesium	24-2	9512	9203	9203	9306	1.91	cps
Manganese	55-2	140	127	147	138	7.39	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10321	10429	9837	10196	3.09	cps
Molybdenum	95-1	12465	12097	12556	12373	1.96	cps
Molybdenum	96-1	13782	12890	13507	13393	3.41	cps
Molybdenum	97-1	8144	7486	7486	7705	4.94	cps
Molybdenum	98-1	19114	19556	19498	19389	1.24	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	947	1043	1070	1020	6.36	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7110	6852	7010	6991	1.86	cps
Rhodium	103-1	3919439	4009188	3993474	3974034	1.21	cps
Rhodium	103-2	987214	983112	980967	983764	0.32	cps
Scandium	45-1	2350957	2324099	2326571	2333876	0.64	cps
Scandium	45-2	17785	17705	17518	17669	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	7	11	57.72	cps
Selenium	82-1	391	337	346	358	8.10	cps
Silicon	28-1	426965	427409	424344	426239	0.39	cps
Silver	109-1	6243	5885	6160	6096	3.08	cps
Silver	107-1	6469	6285	6427	6393	1.50	cps
Sodium	23-2	26417	26985	27427	26943	1.88	cps
Strontium	86-1	1992	2084	2000	2025	2.50	cps
Strontium	88-1	14075	13666	13966	13902	1.52	cps
Sulfur	34-1	321147	319009	317633	319263	0.55	cps
Terbium	159-1	5531115	5598209	5521988	5550437	0.75	cps
Terbium	159-2	1006653	1000632	997349	1001545	0.47	cps
Thallium	203-1	5076	5043	5318	5146	2.92	cps
Thallium	205-1	12548	12231	12106	12295	1.85	cps
Tin	118-1	20058	20500	20450	20336	1.19	cps
Titanium	47-1	2984	2959	3050	2998	1.58	cps
Uranium	238-1	15786	15519	16737	16014	4.00	cps
Vanadium	51-2	1737	1670	1767	1725	2.87	cps
Yttrium	89-1	4442454	4444596	4445798	4444283	0.04	cps
Yttrium	89-2	130297	129039	126492	128609	1.51	cps
Zinc	66-2	200	170	210	193	10.77	cps
Zirconium	90-1	8878	8953	8728	8853	1.29	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:32:42	DataFile Name :	006CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2075	1950	2034	2020	3.15	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3992	4134	3942	4023	2.47	cps
Antimony	121-1	345742	346808	342251	344934	0.69	cps
Arsenic	75-2	3628	3589	3795	3671	2.98	cps
Barium	135-1	364189	367017	367469	366225	0.49	cps
Barium	137-1	635354	644147	635642	638381	0.78	cps
Beryllium	9-1	40836	41923	41187	41315	1.34	cps
Bismuth	209-1	3826221	3800888	3822520	3816543	0.36	cps
Bismuth	209-2	881085	885557	880449	882364	0.32	cps
Boron	10-1	4367	4518	5151	4679	8.89	cps
Boron	11-1	21859	22560	22594	22338	1.86	cps
Cadmium	111-1	73846	73063	72903	73270	0.69	cps
Cadmium	106-1	8128	8278	7811	8072	2.95	cps
Cadmium	108-1	5209	5072	5289	5190	2.11	cps
Calcium	43-1	71809	70268	70469	70849	1.18	cps
Calcium	44-1	1154957	1145881	1146135	1148991	0.45	cps
Chromium	52-2	27160	27801	27975	27645	1.55	cps
Cobalt	59-2	61830	61000	61890	61573	0.81	cps
Copper	63-2	107555	107838	106867	107420	0.46	cps
Dysprosium	156-1	33	50	75	53	39.74	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5690648	5695759	5609231	5665212	0.86	cps
Holmium	165-2	1080416	1081473	1081999	1081296	0.07	cps
Indium	115-1	4408581	4457079	4472231	4445964	0.75	cps
Indium	115-2	176834	178378	179598	178270	0.78	cps
Iron	56-2	940343	938558	938352	939084	0.12	cps
Iron	57-2	23726	23548	24021	23765	1.01	cps
Lead	206-1	227407	230387	233090	230295	1.23	cps
Lead	207-1	208546	208872	210319	209246	0.45	cps
Lead	208-1	938024	936654	937919	937532	0.08	cps
Lithium	6-1	734728	739695	736299	736907	0.34	cps
Magnesium	24-2	93556	94488	95276	94440	0.91	cps
Manganese	55-2	15896	15235	16113	15748	2.90	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	572090	578782	571680	574184	0.69	cps
Molybdenum	95-1	695493	706429	703769	701897	0.81	cps
Molybdenum	96-1	780814	781773	781952	781513	0.08	cps
Molybdenum	97-1	433439	435564	430485	433163	0.59	cps
Molybdenum	98-1	1119077	1128475	1131928	1126493	0.59	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18576	18656	18686	18639	0.31	cps
Phosphorus	31-2	192	283	342	272	27.78	cps
Potassium	39-2	29657	29983	28881	29507	1.92	cps
Rhodium	103-1	4042944	4080366	4076966	4066758	0.51	cps
Rhodium	103-2	1011206	1008474	1004961	1008214	0.31	cps
Scandium	45-1	2398049	2388436	2410496	2398993	0.46	cps
Scandium	45-2	18075	17698	17845	17873	1.06	cps
Selenium	77-2	17	43	30	30	44.43	cps
Selenium	78-2	72	83	91	82	11.35	cps
Selenium	82-1	4451	4534	4441	4476	1.14	cps
Silicon	28-1	533211	528608	532431	531417	0.46	cps
Silver	109-1	343125	344454	339207	342262	0.80	cps
Silver	107-1	358773	355598	356289	356887	0.47	cps
Sodium	23-2	225459	228809	226204	226824	0.78	cps
Strontium	86-1	90901	91414	90785	91033	0.37	cps
Strontium	88-1	784549	785355	784867	784924	0.05	cps
Sulfur	34-1	347544	341834	342589	343989	0.90	cps
Terbium	159-1	5751643	5784812	5774739	5770398	0.29	cps
Terbium	159-2	1029733	1038392	1036959	1035028	0.45	cps
Thallium	203-1	280623	283526	279985	281378	0.67	cps
Thallium	205-1	668549	683118	682744	678137	1.22	cps
Tin	118-1	236622	235278	235392	235764	0.32	cps
Titanium	47-1	176180	174423	173116	174573	0.88	cps
Uranium	238-1	928930	932869	938458	933419	0.51	cps
Vanadium	51-2	20522	20916	20675	20704	0.96	cps
Yttrium	89-1	4601259	4619366	4623236	4614620	0.25	cps
Yttrium	89-2	130802	129799	131342	130648	0.60	cps
Zinc	66-2	9650	9553	9717	9640	0.85	cps
Zirconium	90-1	480586	477413	478990	478996	0.33	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:36:14	DataFile Name :	007CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	106432	104323	106876	105877	1.29	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9637	10162	10054	9951	2.79	cps
Antimony	121-1	887767	890293	892019	890027	0.24	cps
Arsenic	75-2	8775	8970	9042	8929	1.55	cps
Barium	135-1	949758	951026	950862	950549	0.07	cps
Barium	137-1	1671190	1697370	1658048	1675536	1.19	cps
Beryllium	9-1	102479	103117	101298	102298	0.90	cps
Bismuth	209-1	3827247	3837884	3835962	3833698	0.15	cps
Bismuth	209-2	888181	881509	877844	882511	0.59	cps
Boron	10-1	11330	11397	12089	11605	3.62	cps
Boron	11-1	53660	53744	55684	54362	2.11	cps
Cadmium	111-1	186444	189803	189921	188723	1.05	cps
Cadmium	106-1	19381	19774	20817	19991	3.71	cps
Cadmium	108-1	13286	13349	13636	13424	1.39	cps
Calcium	43-1	180057	176902	175054	177338	1.43	cps
Calcium	44-1	2897260	2948882	2905540	2917227	0.95	cps
Chromium	52-2	68791	68781	67790	68454	0.84	cps
Cobalt	59-2	150633	151631	151446	151237	0.35	cps
Copper	63-2	267278	266338	263767	265795	0.68	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	5685233	5647969	5702795	5678666	0.49	cps
Holmium	165-2	1088525	1084123	1074451	1082366	0.67	cps
Indium	115-1	4440297	4447750	4420857	4436301	0.31	cps
Indium	115-2	176825	177617	174701	176381	0.85	cps
Iron	56-2	2357116	2360763	2353507	2357129	0.15	cps
Iron	57-2	58250	57820	58986	58352	1.01	cps
Lead	206-1	598964	597606	600900	599157	0.28	cps
Lead	207-1	545491	542508	546707	544902	0.40	cps
Lead	208-1	2437439	2432145	2448424	2439336	0.34	cps
Lithium	6-1	727806	731719	733969	731165	0.43	cps
Magnesium	24-2	235552	237732	236374	236553	0.47	cps
Manganese	55-2	38938	38797	38968	38901	0.23	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1459769	1502563	1496975	1486436	1.56	cps
Molybdenum	95-1	1831234	1847452	1847074	1841920	0.50	cps
Molybdenum	96-1	2063784	2082888	2069582	2072085	0.47	cps
Molybdenum	97-1	1121191	1119287	1128162	1122880	0.42	cps
Molybdenum	98-1	2948096	2948982	2976546	2957875	0.55	cps
Neodymium	150-1	27	53	53	44	34.64	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	44812	44525	45146	44828	0.69	cps
Phosphorus	31-2	675	767	692	711	6.87	cps
Potassium	39-2	71483	69463	69296	70081	1.74	cps
Rhodium	103-1	4071813	4079548	4038758	4063373	0.53	cps
Rhodium	103-2	997542	994305	988048	993298	0.49	cps
Scandium	45-1	2368951	2376626	2376213	2373930	0.18	cps
Scandium	45-2	17194	17194	17117	17168	0.26	cps
Selenium	77-2	70	73	73	72	2.67	cps
Selenium	78-2	220	183	204	202	9.16	cps
Selenium	82-1	11415	11575	11170	11387	1.79	cps
Silicon	28-1	740383	744666	748245	744431	0.53	cps
Silver	109-1	870722	876267	881800	876263	0.63	cps
Silver	107-1	917519	912429	910248	913399	0.41	cps
Sodium	23-2	553359	550577	542930	548955	0.98	cps
Strontium	86-1	234802	236059	236291	235717	0.34	cps
Strontium	88-1	2050574	2071959	2011660	2044731	1.50	cps
Sulfur	34-1	369077	367399	369552	368676	0.31	cps
Terbium	159-1	5868035	5844115	5866888	5859679	0.23	cps
Terbium	159-2	1031030	1039489	1033973	1034831	0.41	cps
Thallium	203-1	730978	733545	740803	735109	0.69	cps
Thallium	205-1	1789019	1790953	1787330	1789101	0.10	cps
Tin	118-1	605638	609147	607140	607308	0.29	cps
Titanium	47-1	441299	442135	446147	443194	0.58	cps
Uranium	238-1	2502587	2519089	2520086	2513920	0.39	cps
Vanadium	51-2	50983	51504	51555	51347	0.62	cps
Yttrium	89-1	4593378	4659762	4569371	4607504	1.02	cps
Yttrium	89-2	129601	129792	129049	129481	0.30	cps
Zinc	66-2	24088	24402	24128	24206	0.71	cps
Zirconium	90-1	1232293	1241584	1235942	1236607	0.38	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:39:46	DataFile Name :	008CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	272924	274935	277202	275020	0.78	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18738	18738	18563	18680	0.54	cps
Antimony	121-1	1854351	1823057	1814300	1830569	1.15	cps
Arsenic	75-2	17561	17830	17520	17637	0.95	cps
Barium	135-1	1981122	1952944	1938568	1957545	1.11	cps
Barium	137-1	3392912	3432851	3371574	3399112	0.92	cps
Beryllium	9-1	201650	200216	199660	200509	0.51	cps
Bismuth	209-1	3196136	3898744	3945338	3680072	11.41	cps
Bismuth	209-2	875380	873371	877138	875296	0.22	cps
Boron	10-1	22118	22569	22702	22463	1.36	cps
Boron	11-1	103531	106888	107719	106046	2.09	cps
Cadmium	111-1	376201	375606	376565	376124	0.13	cps
Cadmium	106-1	38322	38732	39735	38930	1.87	cps
Cadmium	108-1	27462	26251	26923	26879	2.26	cps
Calcium	43-1	350641	350450	344937	348676	0.93	cps
Calcium	44-1	5725542	5672913	5626534	5674996	0.87	cps
Chromium	52-2	132237	130339	129505	130694	1.07	cps
Cobalt	59-2	288839	291778	288914	289844	0.58	cps
Copper	63-2	511040	509018	504661	508240	0.64	cps
Dysprosium	156-1	25	58	42	42	40.00	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	4649678	5704574	5736963	5363738	11.53	cps
Holmium	165-2	1075752	1078487	1082423	1078887	0.31	cps
Indium	115-1	3543588	4429932	4414911	4129477	12.29	cps
Indium	115-2	171311	171247	170548	171036	0.25	cps
Iron	56-2	4455927	4525124	4402592	4461214	1.38	cps
Iron	57-2	111565	113072	111906	112181	0.70	cps
Lead	206-1	1226081	1235676	1225868	1229208	0.46	cps
Lead	207-1	1116166	1117832	1118071	1117357	0.09	cps
Lead	208-1	5121935	5143648	5092379	5119321	0.50	cps
Lithium	6-1	595541	719961	729948	681817	10.98	cps
Magnesium	24-2	449770	443529	444271	445857	0.76	cps
Manganese	55-2	74959	74112	73757	74276	0.83	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3016495	2992469	3003674	3004213	0.40	cps
Molybdenum	95-1	3627862	3601510	3631720	3620364	0.45	cps
Molybdenum	96-1	4156402	4105270	4081584	4114418	0.93	cps
Molybdenum	97-1	2272782	2254646	2294772	2274066	0.88	cps
Molybdenum	98-1	5933766	5817257	5830299	5860441	1.09	cps
Neodymium	150-1	113	93	100	102	9.96	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	85282	86318	84236	85279	1.22	cps
Phosphorus	31-2	1225	1342	1267	1278	4.63	cps
Potassium	39-2	131593	128145	125943	128560	2.22	cps
Rhodium	103-1	3238149	3963554	4004365	3735356	11.54	cps
Rhodium	103-2	973039	973692	972338	973023	0.07	cps
Scandium	45-1	1917250	2299127	2337631	2184670	10.64	cps
Scandium	45-2	16647	15999	15953	16200	2.40	cps
Selenium	77-2	133	160	110	134	18.61	cps
Selenium	78-2	352	359	369	360	2.32	cps
Selenium	82-1	22806	23023	23072	22967	0.62	cps
Silicon	28-1	989881	973953	957430	973755	1.67	cps
Silver	109-1	1788655	1776312	1761682	1775550	0.76	cps
Silver	107-1	1875381	1854118	1867776	1865758	0.58	cps
Sodium	23-2	1039962	1034371	1033346	1035893	0.34	cps
Strontium	86-1	470848	467646	460532	466342	1.13	cps
Strontium	88-1	4113617	4076787	4086245	4092216	0.47	cps
Sulfur	34-1	401380	407197	400506	403028	0.90	cps
Terbium	159-1	4834936	5840086	5873678	5516233	10.70	cps
Terbium	159-2	1030393	1025011	1022890	1026098	0.38	cps
Thallium	203-1	1515297	1507114	1512940	1511783	0.28	cps
Thallium	205-1	3682876	3661075	3677668	3673873	0.31	cps
Tin	118-1	1230644	1221976	1231979	1228199	0.44	cps
Titanium	47-1	885129	874673	874845	878215	0.68	cps
Uranium	238-1	5200741	5170428	5164939	5178703	0.37	cps
Vanadium	51-2	99504	98738	98252	98831	0.64	cps
Yttrium	89-1	3788115	4585750	4587983	4320616	10.67	cps
Yttrium	89-2	124813	126015	126913	125914	0.84	cps
Zinc	66-2	46330	46310	46735	46459	0.52	cps
Zirconium	90-1	2539019	2502173	2531194	2524129	0.77	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:43:11	DataFile Name :	009CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	556438	548542	549130	551370	0.80	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33666	33658	33123	33482	0.93	cps
Antimony	121-1	3523930	3529902	3508122	3520651	0.32	cps
Arsenic	75-2	31761	31365	31428	31518	0.67	cps
Barium	135-1	3769916	3771415	3757383	3766238	0.20	cps
Barium	137-1	6503952	6588477	6504116	6532181	0.75	cps
Beryllium	9-1	368115	368724	366447	367762	0.32	cps
Bismuth	209-1	3980817	3986237	4025262	3997439	0.61	cps
Bismuth	209-2	863361	875332	873226	870640	0.73	cps
Boron	10-1	41645	43191	42665	42500	1.85	cps
Boron	11-1	195143	197255	199417	197272	1.08	cps
Cadmium	111-1	718135	717954	719055	718381	0.08	cps
Cadmium	106-1	73283	73358	73592	73411	0.22	cps
Cadmium	108-1	50658	50603	50779	50680	0.18	cps
Calcium	43-1	649942	648013	645377	647778	0.35	cps
Calcium	44-1	10462759	10398024	10591240	10484008	0.94	cps
Chromium	52-2	237138	237042	232890	235690	1.03	cps
Cobalt	59-2	529430	529593	520476	526500	0.99	cps
Copper	63-2	928926	922917	918025	923289	0.59	cps
Dysprosium	156-1	75	58	75	69	13.85	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	5840163	5890283	5955163	5895203	0.98	cps
Holmium	165-2	1066983	1072177	1075485	1071548	0.40	cps
Indium	115-1	4326097	4409283	4469999	4401793	1.64	cps
Indium	115-2	161968	164278	162352	162866	0.76	cps
Iron	56-2	8043274	8005220	7995430	8014641	0.32	cps
Iron	57-2	203560	203655	201924	203046	0.48	cps
Lead	206-1	2454503	2450958	2447867	2451110	0.14	cps
Lead	207-1	2278936	2302854	2283430	2288406	0.56	cps
Lead	208-1	10118986	10192334	10141008	10150776	0.37	cps
Lithium	6-1	709175	713724	717908	713602	0.61	cps
Magnesium	24-2	807279	798972	797339	801196	0.67	cps
Manganese	55-2	134399	135170	131087	133552	1.62	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5634242	5620419	5685596	5646752	0.61	cps
Molybdenum	95-1	6949023	6953774	6864327	6922375	0.73	cps
Molybdenum	96-1	7715927	7729147	7747545	7730873	0.21	cps
Molybdenum	97-1	4295964	4306999	4306242	4303069	0.14	cps
Molybdenum	98-1	11191864	11200333	11123755	11171984	0.38	cps
Neodymium	150-1	153	167	160	160	4.17	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	155136	154155	152942	154078	0.71	cps
Phosphorus	31-2	2367	2317	2350	2345	1.09	cps
Potassium	39-2	224284	225129	224894	224769	0.19	cps
Rhodium	103-1	3931349	3949805	4013672	3964942	1.09	cps
Rhodium	103-2	938585	950013	940300	942966	0.65	cps
Scandium	45-1	2255455	2271072	2318784	2281771	1.45	cps
Scandium	45-2	15065	15539	14948	15184	2.06	cps
Selenium	77-2	210	257	243	237	10.15	cps
Selenium	78-2	687	637	654	659	3.86	cps
Selenium	82-1	43536	43656	43591	43594	0.14	cps
Silicon	28-1	1429030	1425622	1411941	1422198	0.64	cps
Silver	109-1	3384252	3388872	3403610	3392245	0.30	cps
Silver	107-1	3501340	3532282	3531528	3521717	0.50	cps
Sodium	23-2	1912759	1890165	1876482	1893135	0.97	cps
Strontium	86-1	887055	889003	883733	886597	0.30	cps
Strontium	88-1	7704391	7576179	7681175	7653915	0.89	cps
Sulfur	34-1	465724	466082	460035	463947	0.73	cps
Terbium	159-1	5998873	5990959	6116556	6035463	1.17	cps
Terbium	159-2	1013647	1028626	1019171	1020481	0.74	cps
Thallium	203-1	3034224	3030946	3000995	3022055	0.61	cps
Thallium	205-1	7136490	7155929	7144485	7145634	0.14	cps
Tin	118-1	2371001	2387874	2395843	2384906	0.53	cps
Titanium	47-1	1655458	1671821	1636688	1654656	1.06	cps
Uranium	238-1	10089682	10151121	10134824	10125209	0.31	cps
Vanadium	51-2	177792	176675	176033	176833	0.50	cps
Yttrium	89-1	4563824	4604594	4595965	4588127	0.47	cps
Yttrium	89-2	118135	119988	120756	119627	1.13	cps
Zinc	66-2	82369	83164	82319	82617	0.57	cps
Zirconium	90-1	4700045	4717812	4713464	4710440	0.20	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:46:31	DataFile Name :	010CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050063	1038724	1048777	1045855	0.59	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CAL5_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64614	63702	64288	64201	0.72	cps
Antimony	121-1	6986242	6885004	6953556	6941601	0.74	cps
Arsenic	75-2	60221	60519	60593	60444	0.33	cps
Barium	135-1	7423050	7395649	7436962	7418554	0.28	cps
Barium	137-1	12952048	12831403	12879939	12887797	0.47	cps
Beryllium	9-1	703894	700202	698758	700951	0.38	cps
Bismuth	209-1	4006913	4026826	4012071	4015270	0.26	cps
Bismuth	209-2	860175	855420	854574	856723	0.35	cps
Boron	10-1	80820	82386	81699	81635	0.96	cps
Boron	11-1	378880	384297	392441	385206	1.77	cps
Cadmium	111-1	1413090	1412667	1414238	1413332	0.06	cps
Cadmium	106-1	144272	142976	143338	143529	0.47	cps
Cadmium	108-1	100143	101092	99942	100392	0.61	cps
Calcium	43-1	1290775	1285564	1264375	1280238	1.09	cps
Calcium	44-1	20483603	20580423	20341592	20468539	0.59	cps
Chromium	52-2	452686	451035	450597	451439	0.24	cps
Cobalt	59-2	1009632	1010472	1008455	1009520	0.10	cps
Copper	63-2	1815213	1777219	1777215	1789882	1.23	cps
Dysprosium	156-1	83	92	75	83	10.00	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	58	17	25	33	66.14	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	117	42	83	81	46.64	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	5875198	5954566	5994621	5941462	1.02	cps
Holmium	165-2	1059782	1064499	1065237	1063172	0.28	cps
Indium	115-1	4327320	4367600	4308479	4334467	0.70	cps
Indium	115-2	155706	155938	155772	155805	0.08	cps
Iron	56-2	15570373	15530465	15494511	15531783	0.24	cps
Iron	57-2	393742	393530	390742	392671	0.43	cps
Lead	206-1	4843291	4867671	4825845	4845602	0.43	cps
Lead	207-1	4532508	4507162	4531512	4523727	0.32	cps
Lead	208-1	20017157	20011412	20091242	20039937	0.22	cps
Lithium	6-1	687959	693131	691290	690793	0.38	cps
Magnesium	24-2	1571931	1575659	1584080	1577223	0.39	cps
Manganese	55-2	257664	256282	256082	256676	0.34	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CAL5_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11272390	11214432	11172368	11219730	0.45	cps
Molybdenum	95-1	13739023	13800248	13767463	13768911	0.22	cps
Molybdenum	96-1	15366365	15426766	15462849	15418660	0.32	cps
Molybdenum	97-1	8480325	8506608	8521816	8502916	0.25	cps
Molybdenum	98-1	22057818	22330283	22333062	22240388	0.71	cps
Neodymium	150-1	193	327	260	260	25.64	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	294043	295597	296292	295310	0.39	cps
Phosphorus	31-2	4926	4243	4126	4431	9.76	cps
Potassium	39-2	430034	428746	430480	429753	0.21	cps
Rhodium	103-1	3869447	3941740	3874154	3895114	1.04	cps
Rhodium	103-2	916564	918612	909799	914992	0.50	cps
Scandium	45-1	2231095	2240252	2192152	2221167	1.15	cps
Scandium	45-2	14971	15415	14638	15008	2.60	cps
Selenium	77-2	350	317	397	354	11.34	cps
Selenium	78-2	1293	1350	1248	1297	3.94	cps
Selenium	82-1	85408	85353	84192	84984	0.81	cps
Silicon	28-1	2293700	2310833	2306699	2303744	0.39	cps
Silver	109-1	6607482	6588502	6502887	6566291	0.85	cps
Silver	107-1	6880143	6860610	6817315	6852689	0.47	cps
Sodium	23-2	3618061	3599072	3611722	3609618	0.27	cps
Strontium	86-1	1774365	1786131	1787942	1782813	0.41	cps
Strontium	88-1	15035855	15275145	15118183	15143061	0.80	cps
Sulfur	34-1	617557	612658	609365	613193	0.67	cps
Terbium	159-1	6079681	6093772	6088652	6087368	0.12	cps
Terbium	159-2	1012596	1016811	1003828	1011078	0.66	cps
Thallium	203-1	5924852	5985470	5979783	5963369	0.56	cps
Thallium	205-1	14192544	14205097	14245546	14214396	0.19	cps
Tin	118-1	4733847	4740079	4713478	4729135	0.29	cps
Titanium	47-1	3197799	3184584	3139848	3174077	0.96	cps
Uranium	238-1	20612149	20465630	20622831	20566870	0.43	cps
Vanadium	51-2	343918	343992	343589	343833	0.06	cps
Yttrium	89-1	4500320	4593954	4528763	4541012	1.06	cps
Yttrium	89-2	116427	116461	116783	116557	0.17	cps
Zinc	66-2	157563	156053	156952	156856	0.48	cps
Zirconium	90-1	9358367	9331785	9348053	9346068	0.14	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:49:48	DataFile Name :	011CALS_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2087100	2128536	2104434	2106690	0.99	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321491	328749	329164	326468	1.32	cps
Antimony	121-1	6994	7886	7678	7519	6.21	cps
Arsenic	75-2	24	44	30	33	32.19	cps
Barium	135-1	1925	1809	1917	1884	3.46	cps
Barium	137-1	3926	3559	3184	3556	10.43	cps
Beryllium	9-1	561	661	556	593	10.03	cps
Bismuth	209-1	3372025	3722002	3739659	3611229	5.74	cps
Bismuth	209-2	796562	800151	800250	798988	0.26	cps
Boron	10-1	3976	3601	3317	3631	9.10	cps
Boron	11-1	17536	16652	15634	16608	5.73	cps
Cadmium	111-1	785	881	907	858	7.50	cps
Cadmium	106-1	792	925	900	872	8.13	cps
Cadmium	108-1	33	29	21	28	22.92	cps
Calcium	43-1	6275446	6294697	6305755	6291966	0.24	cps
Calcium	44-1	101217084	101007881	100926456	101050474	0.15	cps
Chromium	52-2	6378	6615	6608	6534	2.06	cps
Cobalt	59-2	1330	1057	1240	1209	11.52	cps
Copper	63-2	2337	2454	2267	2352	4.01	cps
Dysprosium	156-1	100	100	83	94	10.19	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	17	50	33	33	49.99	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	5207753	5748254	5763914	5573307	5.68	cps
Holmium	165-2	1040940	1040782	1041268	1040997	0.02	cps
Indium	115-1	3792685	4181630	4189670	4054662	5.60	cps
Indium	115-2	158282	158057	157560	157966	0.23	cps
Iron	56-2	76139766	76804527	77119685	76687992	0.65	cps
Iron	57-2	1975516	1953752	1997546	1975605	1.11	cps
Lead	206-1	8848	9098	8920	8955	1.44	cps
Lead	207-1	7730	7419	7558	7569	2.06	cps
Lead	208-1	35665	34536	35370	35191	1.66	cps
Lithium	6-1	614824	679180	688963	660989	6.09	cps
Magnesium	24-2	7730175	7813168	7842684	7795342	0.75	cps
Manganese	55-2	830	713	710	751	9.10	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CAL5_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4876	4743	4843	4821	1.44	cps
Molybdenum	95-1	8378	7944	7878	8067	3.37	cps
Molybdenum	96-1	9821	9821	9045	9562	4.68	cps
Molybdenum	97-1	4293	3976	4484	4251	6.04	cps
Molybdenum	98-1	11522	11155	11289	11322	1.64	cps
Neodymium	150-1	80	93	27	67	52.91	cps
Neodymium	150-2	7	3	20	10	88.20	cps
Nickel	60-2	3234	3047	3364	3215	4.95	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2176094	2218387	2216806	2203762	1.09	cps
Rhodium	103-1	3369697	3674786	3729802	3591428	5.40	cps
Rhodium	103-2	883077	878977	880946	881000	0.23	cps
Scandium	45-1	2000189	2239235	2270271	2169898	6.81	cps
Scandium	45-2	14985	15058	15569	15204	2.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	102	49	67	73	37.30	cps
Silicon	28-1	348319	346268	344613	346400	0.54	cps
Silver	109-1	542	408	458	469	14.35	cps
Silver	107-1	475	492	508	492	3.39	cps
Sodium	23-2	18098655	18304770	18296347	18233257	0.64	cps
Strontium	86-1	57790	57480	56108	57126	1.57	cps
Strontium	88-1	496545	487807	488184	490845	1.01	cps
Sulfur	34-1	274338	275494	277201	275677	0.52	cps
Terbium	159-1	5331356	5886032	5898666	5705351	5.68	cps
Terbium	159-2	993311	987933	989192	990145	0.28	cps
Thallium	203-1	2951	3101	2784	2945	5.38	cps
Thallium	205-1	7961	7236	7186	7461	5.82	cps
Tin	118-1	5035	4559	4468	4687	6.49	cps
Titanium	47-1	492	508	608	536	11.77	cps
Uranium	238-1	1542	1425	1750	1572	10.47	cps
Vanadium	51-2	77	40	87	68	36.25	cps
Yttrium	89-1	4034674	4435452	4478838	4316321	5.67	cps
Yttrium	89-2	116716	118629	119069	118138	1.06	cps
Zinc	66-2	513	607	557	559	8.36	cps
Zirconium	90-1	1742	1500	1684	1642	7.68	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 11:53:02	DataFile Name :	012CALS_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	400	342	406	16.48	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:16:07	DataFile Name :	013ICV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1925	1767	1909	1867	4.66	cps
Antimony	121-1	1337028	1338917	1344501	1340149	0.29	cps
Arsenic	75-2	13475	13099	13308	13294	1.42	cps
Barium	135-1	143781	144304	145600	144562	0.65	cps
Barium	137-1	251568	252309	253249	252375	0.33	cps
Beryllium	9-1	76084	76704	76470	76419	0.41	cps
Bismuth	209-1	3857546	3853260	3816814	3842540	0.58	cps
Bismuth	209-2	861318	862260	855898	859825	0.40	cps
Boron	10-1	41168	42029	43408	42202	2.68	cps
Boron	11-1	192469	199433	204546	198816	3.05	cps
Cadmium	111-1	148122	147309	147190	147541	0.34	cps
Cadmium	106-1	23705	23413	24039	23719	1.32	cps
Cadmium	108-1	13115	13082	13457	13218	1.57	cps
Calcium	43-1	29365	29031	30200	29532	2.04	cps
Calcium	44-1	467915	466553	466815	467094	0.15	cps
Chromium	52-2	49130	49574	50337	49680	1.23	cps
Cobalt	59-2	112717	113241	112270	112743	0.43	cps
Copper	63-2	99315	99402	99009	99242	0.21	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	67	33	67	56	34.63	cps
Erbium	164-2	3	20	20	14	66.64	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	5611527	5581086	5586411	5593008	0.29	cps
Holmium	165-2	1046545	1042918	1042987	1044150	0.20	cps
Indium	115-1	4344324	4278306	4350111	4324247	0.92	cps
Indium	115-2	165316	165126	164920	165120	0.12	cps
Iron	56-2	341754	343794	344828	343459	0.46	cps
Iron	57-2	8742	8314	8747	8601	2.89	cps
Lead	206-1	942748	943384	955469	947200	0.76	cps
Lead	207-1	829205	831777	830408	830463	0.15	cps
Lead	208-1	3834306	3878911	3866004	3859740	0.59	cps
Lithium	6-1	729872	723255	730515	727881	0.55	cps
Magnesium	24-2	20507	21108	21050	20888	1.59	cps
Manganese	55-2	14047	14615	14321	14328	1.98	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:16:07	DataFile Name :	013ICV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2699701	2676012	2646155	2673956	1.00	cps
Molybdenum	95-1	1398848	1388671	1408829	1398783	0.72	cps
Molybdenum	96-1	1856642	1865848	1835799	1852763	0.83	cps
Molybdenum	97-1	860716	864025	865334	863358	0.28	cps
Molybdenum	98-1	2272045	2273415	2329932	2291798	1.44	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33708	33921	33581	33737	0.51	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	21901	21375	21668	21648	1.22	cps
Rhodium	103-1	3989256	3940200	4033105	3987520	1.17	cps
Rhodium	103-2	964520	966884	960905	964103	0.31	cps
Scandium	45-1	2313487	2302814	2271296	2295866	0.96	cps
Scandium	45-2	16246	16493	16086	16275	1.26	cps
Selenium	77-2	80	90	87	86	5.95	cps
Selenium	78-2	276	326	263	288	11.53	cps
Selenium	82-1	17553	17176	17254	17328	1.15	cps
Silicon	28-1	1457609	1468621	1456172	1460801	0.47	cps
Silver	109-1	664192	656694	659315	660067	0.58	cps
Silver	107-1	694632	692756	694104	693831	0.14	cps
Sodium	23-2	88433	87812	87007	87751	0.81	cps
Strontium	86-1	903630	909551	901994	905058	0.44	cps
Strontium	88-1	7809468	7877006	7819717	7835397	0.46	cps
Sulfur	34-1	294247	293131	294101	293826	0.21	cps
Terbium	159-1	5714745	5749484	5745254	5736494	0.33	cps
Terbium	159-2	993250	998615	996205	996023	0.27	cps
Thallium	203-1	1171676	1168882	1185702	1175420	0.77	cps
Thallium	205-1	2851190	2861795	2895594	2869527	0.81	cps
Tin	118-1	2432836	2389274	2408265	2410125	0.91	cps
Titanium	47-1	344001	340530	343482	342671	0.55	cps
Uranium	238-1	10320286	10273344	10256521	10283383	0.32	cps
Vanadium	51-2	36869	37778	37266	37304	1.22	cps
Yttrium	89-1	4529096	4562308	4494530	4528645	0.75	cps
Yttrium	89-2	122325	122503	122073	122300	0.18	cps
Zinc	66-2	17455	17131	17535	17373	1.23	cps
Zirconium	90-1	4978303	4987304	4966129	4977245	0.21	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:16:07	DataFile Name :	013ICV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1117021	1104652	1111303	1110992	0.56	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 12:19:29 DataFile Name : 014CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	733	858	833	808	8.18	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	50	33	42	42	19.99	cps
Beryllium	9-1	178	144	211	178	18.75	cps
Bismuth	209-1	3887761	3866046	3869997	3874601	0.30	cps
Bismuth	209-2	858464	863577	857503	859848	0.38	cps
Boron	10-1	2050	2109	1867	2009	6.28	cps
Boron	11-1	10488	9562	9103	9718	7.26	cps
Cadmium	111-1	651	548	569	589	9.19	cps
Cadmium	106-1	867	750	792	803	7.37	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	567	767	617	650	16.01	cps
Calcium	44-1	14333	14959	15292	14861	3.28	cps
Chromium	52-2	207	253	247	236	10.72	cps
Cobalt	59-2	50	33	40	41	20.41	cps
Copper	63-2	130	113	110	118	9.10	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	5612293	5632073	5624632	5622999	0.18	cps
Holmium	165-2	1040473	1045422	1039602	1041832	0.30	cps
Indium	115-1	4350554	4378241	4384952	4371249	0.42	cps
Indium	115-2	170924	169716	167918	169519	0.89	cps
Iron	56-2	1684	1617	1606	1635	2.57	cps
Iron	57-2	67	94	39	67	41.67	cps
Lead	206-1	544	550	544	546	0.59	cps
Lead	207-1	411	461	489	454	8.69	cps
Lead	208-1	2022	2028	2045	2032	0.57	cps
Lithium	6-1	716177	723193	727414	722262	0.79	cps
Magnesium	24-2	275	292	342	303	11.46	cps
Manganese	55-2	37	13	17	22	56.80	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:19:29	DataFile Name :	014CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	292	217	225	27.96	cps
Molybdenum	95-1	92	100	183	125	40.55	cps
Molybdenum	96-1	233	158	150	181	25.42	cps
Molybdenum	97-1	175	100	150	142	26.96	cps
Molybdenum	98-1	325	183	192	233	34.07	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	480	517	486	5.92	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	1917	1975	1775	1889	5.45	cps
Rhodium	103-1	3991965	4001060	4035762	4009596	0.58	cps
Rhodium	103-2	968332	972418	962593	967781	0.51	cps
Scandium	45-1	2268738	2305803	2282210	2285584	0.82	cps
Scandium	45-2	16336	15976	16293	16202	1.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	19	2	2	8	124.05	cps
Silicon	28-1	346449	342438	347072	345320	0.73	cps
Silver	109-1	83	117	67	89	28.64	cps
Silver	107-1	67	83	142	97	40.50	cps
Sodium	23-2	7461	7169	7819	7483	4.35	cps
Strontium	86-1	433	408	333	392	13.29	cps
Strontium	88-1	258	192	183	211	19.47	cps
Sulfur	34-1	291301	289808	290008	290372	0.28	cps
Terbium	159-1	5753012	5790488	5820273	5787925	0.58	cps
Terbium	159-2	998996	1001571	993753	998106	0.40	cps
Thallium	203-1	550	592	575	572	3.66	cps
Thallium	205-1	1392	1275	1509	1392	8.38	cps
Tin	118-1	658	783	750	731	8.86	cps
Titanium	47-1	108	75	117	100	22.05	cps
Uranium	238-1	217	192	125	178	26.65	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	4474928	4451790	4462136	4462951	0.26	cps
Yttrium	89-2	122776	123038	121589	122468	0.63	cps
Zinc	66-2	37	33	10	27	54.49	cps
Zirconium	90-1	383	383	467	411	11.70	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:19:29	DataFile Name :	014CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	92	100	92	9.09	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328094	320280	323355	323910	1.22	cps
Antimony	121-1	7978	7561	7886	7808	2.81	cps
Arsenic	75-2	28	22	22	24	13.33	cps
Barium	135-1	2184	2525	2425	2378	7.39	cps
Barium	137-1	4176	4251	3792	4073	6.04	cps
Beryllium	9-1	383	361	344	363	5.38	cps
Bismuth	209-1	3789678	3756300	3762520	3769499	0.47	cps
Bismuth	209-2	821102	819519	823639	821420	0.25	cps
Boron	10-1	1400	1258	1400	1353	6.05	cps
Boron	11-1	6068	6010	6068	6049	0.56	cps
Cadmium	111-1	901	1000	987	963	5.59	cps
Cadmium	106-1	658	800	750	736	9.76	cps
Cadmium	108-1	717	646	679	681	5.21	cps
Calcium	43-1	1316036	1320916	1304643	1313865	0.64	cps
Calcium	44-1	20842340	21209749	21150950	21067680	0.94	cps
Chromium	52-2	10030	9487	10074	9864	3.32	cps
Cobalt	59-2	1340	1343	1317	1333	1.09	cps
Copper	63-2	7669	7205	7495	7457	3.14	cps
Dysprosium	156-1	42	67	58	56	22.91	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	13	0	13	9	86.60	cps
Gadolinium	160-1	17	75	58	50	60.09	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	5769914	5775566	5700172	5748551	0.73	cps
Holmium	165-2	1043262	1042505	1044824	1043530	0.11	cps
Indium	115-1	4341475	4336756	4344282	4340837	0.09	cps
Indium	115-2	165093	164142	162945	164060	0.66	cps
Iron	56-2	33266441	32870924	33002320	33046562	0.61	cps
Iron	57-2	836972	829583	837719	834758	0.54	cps
Lead	206-1	23734	23316	22938	23329	1.71	cps
Lead	207-1	18731	18447	18041	18406	1.88	cps
Lead	208-1	88694	86565	86779	87346	1.34	cps
Lithium	6-1	688178	686025	687280	687161	0.16	cps
Magnesium	24-2	1710570	1683461	1681611	1691881	0.96	cps
Manganese	55-2	1227	1217	1193	1212	1.41	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3035713	3050686	3063745	3050048	0.46	cps
Molybdenum	95-1	5317832	5296430	5331908	5315390	0.34	cps
Molybdenum	96-1	5747571	5751542	5787503	5762205	0.38	cps
Molybdenum	97-1	3314281	3301254	3338810	3318115	0.57	cps
Molybdenum	98-1	8613446	8568873	8764940	8649086	1.19	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2190	2037	2277	2168	5.61	cps
Phosphorus	31-2	23604	23520	23078	23401	1.21	cps
Potassium	39-2	953487	933860	946014	944454	1.05	cps
Rhodium	103-1	3886596	3845329	3924454	3885460	1.02	cps
Rhodium	103-2	937246	933369	936338	935651	0.22	cps
Scandium	45-1	2281822	2279462	2304089	2288458	0.59	cps
Scandium	45-2	16236	16563	15859	16220	2.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-51	-34	9	-25	-123.10	cps
Silicon	28-1	426054	430689	429409	428717	0.56	cps
Silver	109-1	600	592	750	647	13.77	cps
Silver	107-1	517	683	817	672	22.36	cps
Sodium	23-2	3904899	3858535	3924420	3895951	0.87	cps
Strontium	86-1	60393	59924	60761	60359	0.70	cps
Strontium	88-1	519966	522028	525027	522340	0.49	cps
Sulfur	34-1	1834583	1836210	1798871	1823221	1.16	cps
Terbium	159-1	5808230	5882292	5828232	5839585	0.66	cps
Terbium	159-2	1002086	991050	1007663	1000266	0.85	cps
Thallium	203-1	958	942	1000	967	3.11	cps
Thallium	205-1	2409	2400	2475	2428	1.69	cps
Tin	118-1	1392	1375	1433	1400	2.15	cps
Titanium	47-1	1320767	1319603	1305982	1315451	0.62	cps
Uranium	238-1	483	408	383	425	12.25	cps
Vanadium	51-2	63	43	47	51	20.96	cps
Yttrium	89-1	4537139	4531956	4547425	4538840	0.17	cps
Yttrium	89-2	123001	123980	123129	123370	0.43	cps
Zinc	66-2	990	1070	1083	1048	4.82	cps
Zirconium	90-1	892	750	917	853	10.54	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:22:41	DataFile Name :	015ICSA_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	225	242	200	29.17	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324042	322779	326959	324593	0.66	cps
Antimony	121-1	144237	143276	142504	143339	0.61	cps
Arsenic	75-2	1354	1287	1219	1286	5.25	cps
Barium	135-1	30887	31881	30912	31227	1.82	cps
Barium	137-1	53877	55567	56564	55336	2.45	cps
Beryllium	9-1	15531	15147	15359	15346	1.25	cps
Bismuth	209-1	3794382	3734752	3743562	3757566	0.86	cps
Bismuth	209-2	831387	825968	824468	827274	0.44	cps
Boron	10-1	2342	2359	2409	2370	1.46	cps
Boron	11-1	11372	11847	11755	11658	2.16	cps
Cadmium	111-1	28760	28685	28701	28715	0.14	cps
Cadmium	106-1	3559	3842	3326	3576	7.24	cps
Cadmium	108-1	2646	2529	2492	2556	3.15	cps
Calcium	43-1	1337296	1323850	1321388	1327512	0.65	cps
Calcium	44-1	21261040	21214886	21204888	21226938	0.14	cps
Chromium	52-2	19908	19964	19046	19640	2.62	cps
Cobalt	59-2	23754	23276	23096	23375	1.45	cps
Copper	63-2	25898	26773	26833	26501	1.97	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	83	25	33	47	66.82	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	5769971	5720751	5781150	5757290	0.56	cps
Holmium	165-2	1051763	1050010	1042832	1048202	0.45	cps
Indium	115-1	4350983	4340061	4295213	4328752	0.68	cps
Indium	115-2	165425	164133	163323	164294	0.65	cps
Iron	56-2	33232479	32890592	32749951	32957674	0.75	cps
Iron	57-2	831501	829367	826560	829143	0.30	cps
Lead	206-1	117062	117550	116440	117017	0.48	cps
Lead	207-1	97762	97175	97298	97412	0.32	cps
Lead	208-1	452964	449378	449147	450496	0.48	cps
Lithium	6-1	682498	680042	682713	681751	0.22	cps
Magnesium	24-2	1668165	1686951	1680967	1678694	0.57	cps
Manganese	55-2	3961	3924	3877	3921	1.07	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3198601	3166484	3176380	3180488	0.52	cps
Molybdenum	95-1	5467501	5448086	5453902	5456496	0.18	cps
Molybdenum	96-1	5889064	5848337	5896373	5877924	0.44	cps
Molybdenum	97-1	3418843	3458800	3380420	3419354	1.15	cps
Molybdenum	98-1	8800178	8845970	8763923	8803357	0.47	cps
Neodymium	150-1	20	53	80	51	58.81	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	8306	8756	8139	8400	3.80	cps
Phosphorus	31-2	24013	23537	23570	23707	1.12	cps
Potassium	39-2	945956	936491	930680	937709	0.82	cps
Rhodium	103-1	3915953	3924443	3878128	3906175	0.63	cps
Rhodium	103-2	938044	928039	926494	930859	0.67	cps
Scandium	45-1	2333669	2271072	2312358	2305700	1.38	cps
Scandium	45-2	16023	16366	15789	16059	1.81	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	39	26	37	34	20.65	cps
Selenium	82-1	1748	1651	1717	1705	2.90	cps
Silicon	28-1	474971	478582	468146	473900	1.12	cps
Silver	109-1	122720	125598	123950	124089	1.16	cps
Silver	107-1	130417	130089	132076	130861	0.81	cps
Sodium	23-2	3872264	3849475	3875351	3865697	0.37	cps
Strontium	86-1	92503	90952	93914	92457	1.60	cps
Strontium	88-1	799270	802587	800277	800711	0.21	cps
Sulfur	34-1	1787486	1810417	1826586	1808163	1.09	cps
Terbium	159-1	5890874	5833163	5874924	5866320	0.51	cps
Terbium	159-2	1002007	998361	992199	997523	0.50	cps
Thallium	203-1	113832	115489	114311	114544	0.74	cps
Thallium	205-1	276843	276461	275511	276272	0.25	cps
Tin	118-1	82655	81691	83964	82770	1.38	cps
Titanium	47-1	1354470	1352680	1358165	1355105	0.21	cps
Uranium	238-1	341353	341948	343278	342193	0.29	cps
Vanadium	51-2	7259	7509	7292	7353	1.85	cps
Yttrium	89-1	4544788	4561874	4546566	4551076	0.21	cps
Yttrium	89-2	123219	122140	123446	122935	0.57	cps
Zinc	66-2	2744	2744	2744	2744	0.00	cps
Zirconium	90-1	179079	178118	176835	178011	0.63	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:25:49	DataFile Name :	016ICSB_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	39233	39926	39366	39508	0.93	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186054	186656	185386	186032	0.34	cps
Antimony	121-1	3541241	3530335	3531308	3534295	0.17	cps
Arsenic	75-2	34029	34079	33908	34005	0.26	cps
Barium	135-1	3801292	3827172	3767603	3798689	0.79	cps
Barium	137-1	6578898	6567945	6546312	6564385	0.25	cps
Beryllium	9-1	388582	385486	389639	387902	0.56	cps
Bismuth	209-1	3854323	3818771	3829647	3834247	0.48	cps
Bismuth	209-2	838824	849092	845525	844480	0.62	cps
Boron	10-1	45130	44578	45205	44971	0.76	cps
Boron	11-1	204773	212358	218221	211784	3.18	cps
Cadmium	111-1	710533	714602	703013	709383	0.83	cps
Cadmium	106-1	73274	71833	73677	72928	1.33	cps
Cadmium	108-1	50386	49783	50587	50252	0.83	cps
Calcium	43-1	3388961	3427908	3412157	3409675	0.57	cps
Calcium	44-1	54080937	54836678	54199491	54372369	0.75	cps
Chromium	52-2	260333	259594	261446	260457	0.36	cps
Cobalt	59-2	563456	565804	560231	563163	0.50	cps
Copper	63-2	959558	962776	958271	960202	0.24	cps
Dysprosium	156-1	108	100	75	94	18.37	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	33	50	75	53	39.74	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	5859020	5898074	5847391	5868162	0.45	cps
Holmium	165-2	1087182	1090183	1079515	1085626	0.51	cps
Indium	115-1	4376548	4379308	4320943	4358933	0.76	cps
Indium	115-2	165652	166560	165838	166017	0.29	cps
Iron	56-2	42459866	42832668	42528313	42606949	0.47	cps
Iron	57-2	1072609	1080314	1076626	1076516	0.36	cps
Lead	206-1	2417437	2405686	2391641	2404921	0.54	cps
Lead	207-1	2228509	2212677	2232355	2224514	0.47	cps
Lead	208-1	9913150	9850360	9813278	9858929	0.51	cps
Lithium	6-1	705357	714001	711897	710418	0.63	cps
Magnesium	24-2	4492012	4455607	4448710	4465443	0.52	cps
Manganese	55-2	147253	147889	146519	147220	0.47	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5796793	5806491	5830795	5811360	0.30	cps
Molybdenum	95-1	7133623	7030408	7097299	7087110	0.74	cps
Molybdenum	96-1	8016687	7962087	7909236	7962670	0.67	cps
Molybdenum	97-1	4430384	4460392	4370509	4420429	1.04	cps
Molybdenum	98-1	11494591	11515770	11483624	11497995	0.14	cps
Neodymium	150-1	207	187	213	202	6.86	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	164063	163216	163037	163439	0.34	cps
Phosphorus	31-2	2500	2692	2309	2500	7.67	cps
Potassium	39-2	1254432	1260980	1266719	1260710	0.49	cps
Rhodium	103-1	3874452	3877831	3904638	3885640	0.43	cps
Rhodium	103-2	946494	947315	936529	943446	0.64	cps
Scandium	45-1	2368090	2362818	2379632	2370180	0.36	cps
Scandium	45-2	16994	17197	16874	17022	0.96	cps
Selenium	77-2	270	183	217	223	19.57	cps
Selenium	78-2	739	809	765	771	4.62	cps
Selenium	82-1	43990	44246	44102	44112	0.29	cps
Silicon	28-1	1599097	1634500	1640603	1624733	1.38	cps
Silver	109-1	3353328	3346237	3324274	3341280	0.45	cps
Silver	107-1	3465947	3475681	3480697	3474108	0.22	cps
Sodium	23-2	10392780	10418828	10400357	10403988	0.13	cps
Strontium	86-1	932135	942765	939609	938170	0.58	cps
Strontium	88-1	8095555	8169195	8076374	8113708	0.60	cps
Sulfur	34-1	484277	483716	486873	484955	0.35	cps
Terbium	159-1	6012096	5971314	5991549	5991653	0.34	cps
Terbium	159-2	1036579	1035090	1029590	1033753	0.36	cps
Thallium	203-1	2953032	2964664	2926218	2947972	0.67	cps
Thallium	205-1	6935028	6904169	6929454	6922884	0.24	cps
Tin	118-1	2434779	2408875	2372032	2405229	1.31	cps
Titanium	47-1	1761491	1732358	1741539	1745129	0.85	cps
Uranium	238-1	10150731	10149379	10078853	10126321	0.41	cps
Vanadium	51-2	197517	197605	198282	197802	0.21	cps
Yttrium	89-1	4620932	4684244	4651002	4652059	0.68	cps
Yttrium	89-2	128426	127151	127014	127530	0.61	cps
Zinc	66-2	85756	87081	86799	86546	0.81	cps
Zirconium	90-1	4819595	4876990	4907529	4868038	0.92	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:36:19	DataFile Name :	019CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1088220	1082236	1078637	1083031	0.45	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : CCB024 Instrumnet Name : P8
 Client Sample ID : CCB024 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 12:43:41 DataFile Name : 020CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	0	8	173.21	cps
Antimony	121-1	942	908	833	895	6.20	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	75	58	33	56	37.75	cps
Barium	137-1	17	100	50	56	75.49	cps
Beryllium	9-1	278	333	350	320	11.80	cps
Bismuth	209-1	4021812	4009791	4014220	4015274	0.15	cps
Bismuth	209-2	887437	878343	890486	885422	0.71	cps
Boron	10-1	1008	975	1042	1008	3.31	cps
Boron	11-1	4418	4176	3984	4192	5.18	cps
Cadmium	111-1	534	515	554	534	3.59	cps
Cadmium	106-1	733	725	742	733	1.14	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	658	817	617	697	15.13	cps
Calcium	44-1	14642	14366	14992	14667	2.14	cps
Chromium	52-2	213	167	227	202	15.58	cps
Cobalt	59-2	70	57	87	71	21.14	cps
Copper	63-2	130	117	127	124	5.57	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	8	33	33	75.02	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	33	58	36	58.08	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	5862420	5859786	5822579	5848262	0.38	cps
Holmium	165-2	1073207	1064586	1078433	1072075	0.65	cps
Indium	115-1	4526290	4516989	4504590	4515956	0.24	cps
Indium	115-2	173989	173037	172362	173129	0.47	cps
Iron	56-2	3156	2856	2789	2934	6.66	cps
Iron	57-2	83	139	44	89	53.39	cps
Lead	206-1	733	750	717	733	2.27	cps
Lead	207-1	644	644	600	630	4.08	cps
Lead	208-1	2922	2800	2884	2869	2.18	cps
Lithium	6-1	731184	733543	730228	731651	0.23	cps
Magnesium	24-2	275	383	300	319	17.76	cps
Manganese	55-2	10	37	23	23	57.15	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:43:41	DataFile Name :	020CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	258	242	250	3.33	cps
Molybdenum	95-1	175	217	217	203	11.86	cps
Molybdenum	96-1	267	250	300	272	9.35	cps
Molybdenum	97-1	92	158	167	139	29.60	cps
Molybdenum	98-1	375	350	408	378	7.75	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	550	547	533	543	1.62	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2025	2017	1917	1986	3.04	cps
Rhodium	103-1	4144764	4148621	4084924	4126103	0.87	cps
Rhodium	103-2	997553	984260	991544	991119	0.67	cps
Scandium	45-1	2328690	2379486	2358804	2355660	1.08	cps
Scandium	45-2	16767	16704	16427	16632	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-77	104	-41	-4	-2157.50	cps
Silicon	28-1	330033	331292	334988	332104	0.78	cps
Silver	109-1	142	133	92	122	21.92	cps
Silver	107-1	200	175	200	192	7.53	cps
Sodium	23-2	8144	8453	8069	8222	2.47	cps
Strontium	86-1	508	358	408	425	17.97	cps
Strontium	88-1	142	108	208	153	33.33	cps
Sulfur	34-1	293244	295104	295640	294662	0.43	cps
Terbium	159-1	5986028	6040245	5965671	5997315	0.64	cps
Terbium	159-2	1029945	1020015	1026723	1025561	0.49	cps
Thallium	203-1	708	650	592	650	8.97	cps
Thallium	205-1	1342	1642	1517	1500	10.05	cps
Tin	118-1	575	675	575	608	9.49	cps
Titanium	47-1	125	108	100	111	11.46	cps
Uranium	238-1	158	150	100	136	23.18	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	4643858	4662843	4633643	4646781	0.32	cps
Yttrium	89-2	127777	125385	125978	126380	0.99	cps
Zinc	66-2	50	30	23	34	40.30	cps
Zirconium	90-1	442	550	367	453	20.36	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:43:41	DataFile Name :	020CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	158	158	125	46.19	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	83	75	11.11	cps
Antimony	121-1	12456	13190	12498	12715	3.24	cps
Arsenic	75-2	74	56	50	60	21.06	cps
Barium	135-1	13399	13749	12890	13346	3.24	cps
Barium	137-1	23146	23104	22512	22921	1.55	cps
Beryllium	9-1	850	883	911	882	3.47	cps
Bismuth	209-1	4059966	4026217	3993782	4026655	0.82	cps
Bismuth	209-2	888887	883121	878889	883632	0.57	cps
Boron	10-1	2559	2817	2367	2581	8.75	cps
Boron	11-1	11605	12364	12314	12094	3.51	cps
Cadmium	111-1	1748	1904	1898	1850	4.76	cps
Cadmium	106-1	817	792	867	825	4.63	cps
Cadmium	108-1	75	96	67	79	18.98	cps
Calcium	43-1	6360	6227	6544	6377	2.49	cps
Calcium	44-1	112893	111709	113413	112672	0.78	cps
Chromium	52-2	1273	1143	1163	1193	5.87	cps
Cobalt	59-2	1097	1087	1110	1098	1.07	cps
Copper	63-2	1910	1924	2037	1957	3.56	cps
Dysprosium	156-1	58	25	8	31	83.33	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	42	58	25	42	40.00	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	5823457	5829570	5847188	5833405	0.21	cps
Holmium	165-2	1079492	1069953	1060789	1070078	0.87	cps
Indium	115-1	4538420	4519789	4463401	4507203	0.87	cps
Indium	115-2	171826	172657	170393	171625	0.67	cps
Iron	56-2	18691	18819	18769	18759	0.34	cps
Iron	57-2	450	467	500	472	5.39	cps
Lead	206-1	5101	5374	5179	5218	2.69	cps
Lead	207-1	4673	4768	4534	4658	2.52	cps
Lead	208-1	20963	20685	20835	20828	0.67	cps
Lithium	6-1	733200	732297	735055	733517	0.19	cps
Magnesium	24-2	8295	8228	8103	8208	1.19	cps
Manganese	55-2	157	173	147	159	8.48	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10655	11255	9779	10563	7.03	cps
Molybdenum	95-1	12681	12948	12223	12618	2.91	cps
Molybdenum	96-1	14308	14742	14291	14447	1.77	cps
Molybdenum	97-1	8069	8153	7769	7997	2.52	cps
Molybdenum	98-1	20642	20282	20157	20360	1.23	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	987	1197	1243	1142	11.97	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	6427	6243	6393	6354	1.54	cps
Rhodium	103-1	4115142	4080716	4081003	4092287	0.48	cps
Rhodium	103-2	993692	993948	986561	991400	0.42	cps
Scandium	45-1	2367401	2343807	2370037	2360415	0.61	cps
Scandium	45-2	16456	16817	16580	16618	1.10	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	6	11	7	43.24	cps
Selenium	82-1	437	391	329	386	14.05	cps
Silicon	28-1	369916	369184	366773	368625	0.45	cps
Silver	109-1	6352	6010	6494	6285	3.96	cps
Silver	107-1	6702	6444	6835	6660	2.99	cps
Sodium	23-2	26400	25499	27060	26320	2.98	cps
Strontium	86-1	1859	2050	1992	1967	5.00	cps
Strontium	88-1	15017	15051	14517	14862	2.01	cps
Sulfur	34-1	298473	295635	300360	298156	0.80	cps
Terbium	159-1	5989201	6008868	5990013	5996028	0.19	cps
Terbium	159-2	1026175	1023653	1014873	1021567	0.58	cps
Thallium	203-1	6102	5768	6035	5968	2.96	cps
Thallium	205-1	14759	13983	14234	14325	2.76	cps
Tin	118-1	22244	22044	22361	22216	0.72	cps
Titanium	47-1	3376	3034	3259	3223	5.39	cps
Uranium	238-1	17438	17488	17622	17516	0.54	cps
Vanadium	51-2	1870	1767	1720	1786	4.30	cps
Yttrium	89-1	4632683	4654578	4659701	4648988	0.31	cps
Yttrium	89-2	125470	125678	124067	125072	0.70	cps
Zinc	66-2	193	217	220	210	6.92	cps
Zirconium	90-1	9304	9195	9379	9293	0.99	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:46:52	DataFile Name :	021SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2117	2042	1984	2047	3.26	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	2000	1942	2067	2003	3.12	cps
Arsenic	75-2	19	15	20	18	15.82	cps
Barium	135-1	1625	1709	1817	1717	5.60	cps
Barium	137-1	3159	3184	3292	3212	2.21	cps
Beryllium	9-1	339	289	406	344	16.99	cps
Bismuth	209-1	3974586	3919886	3904032	3932835	0.94	cps
Bismuth	209-2	872939	863577	866991	867836	0.55	cps
Boron	10-1	667	683	583	644	8.31	cps
Boron	11-1	3050	3267	3317	3212	4.42	cps
Cadmium	111-1	945	909	1012	955	5.47	cps
Cadmium	106-1	850	783	833	822	4.22	cps
Cadmium	108-1	54	63	25	47	41.70	cps
Calcium	43-1	1008	958	925	964	4.35	cps
Calcium	44-1	18321	19022	19364	18902	2.81	cps
Chromium	52-2	407	360	403	390	6.68	cps
Cobalt	59-2	340	393	333	356	9.25	cps
Copper	63-2	533	560	493	529	6.34	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	50	0	25	25	100.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5753500	5652821	5738561	5714961	0.95	cps
Holmium	165-2	1051827	1047961	1047913	1049233	0.21	cps
Indium	115-1	4416820	4375055	4457495	4416457	0.93	cps
Indium	115-2	170794	167554	166416	168255	1.35	cps
Iron	56-2	6641	6129	6135	6302	4.66	cps
Iron	57-2	106	161	139	135	20.69	cps
Lead	206-1	1539	1911	1684	1711	10.97	cps
Lead	207-1	1367	1706	1717	1596	12.46	cps
Lead	208-1	6679	7351	7223	7084	5.04	cps
Lithium	6-1	721296	716679	713636	717204	0.54	cps
Magnesium	24-2	883	717	742	781	11.51	cps
Manganese	55-2	73	90	73	79	12.20	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2967	3075	2934	2992	2.48	cps
Molybdenum	95-1	3209	3426	3709	3448	7.27	cps
Molybdenum	96-1	3534	3801	3901	3745	5.06	cps
Molybdenum	97-1	2042	2242	2334	2206	6.76	cps
Molybdenum	98-1	5660	5343	5676	5560	3.38	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	947	957	877	927	4.70	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2125	1900	2192	2072	7.38	cps
Rhodium	103-1	4112485	3962406	4026890	4033927	1.87	cps
Rhodium	103-2	980100	967118	967224	971481	0.77	cps
Scandium	45-1	2300454	2309343	2302478	2304092	0.20	cps
Scandium	45-2	15976	15756	16690	16141	3.03	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	9	6	8	26.61	cps
Selenium	82-1	246	237	226	237	4.18	cps
Silicon	28-1	324190	327295	326054	325846	0.48	cps
Silver	109-1	1750	1717	1709	1725	1.28	cps
Silver	107-1	1817	1809	1742	1789	2.30	cps
Sodium	23-2	8703	8695	8611	8670	0.59	cps
Strontium	86-1	900	875	700	825	13.21	cps
Strontium	88-1	3759	3417	3867	3681	6.38	cps
Sulfur	34-1	297087	293898	293914	294966	0.62	cps
Terbium	159-1	5907303	5745009	5874078	5842130	1.47	cps
Terbium	159-2	999459	993633	998775	997289	0.32	cps
Thallium	203-1	1825	1684	1842	1784	4.88	cps
Thallium	205-1	4318	4434	3892	4215	6.77	cps
Tin	118-1	1784	1508	1642	1645	8.37	cps
Titanium	47-1	833	958	842	878	7.96	cps
Uranium	238-1	5018	4476	4593	4696	6.07	cps
Vanadium	51-2	137	107	103	116	15.89	cps
Yttrium	89-1	4574827	4485770	4574888	4545162	1.13	cps
Yttrium	89-2	123051	121010	122103	122055	0.84	cps
Zinc	66-2	63	47	70	60	20.03	cps
Zirconium	90-1	2525	2650	2575	2584	2.44	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 12:57:51	DataFile Name :	022SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	675	483	567	17.34	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	75	33	47	50.95	cps
Antimony	121-1	2084	2150	1950	2061	4.94	cps
Arsenic	75-2	28	13	13	18	47.80	cps
Barium	135-1	1942	1859	1850	1884	2.69	cps
Barium	137-1	3701	3684	3242	3542	7.34	cps
Beryllium	9-1	367	300	367	344	11.17	cps
Bismuth	209-1	3892858	3919731	3941685	3918091	0.62	cps
Bismuth	209-2	863347	860156	859094	860866	0.26	cps
Boron	10-1	683	675	658	672	1.89	cps
Boron	11-1	3025	3067	2925	3006	2.42	cps
Cadmium	111-1	959	871	1113	981	12.47	cps
Cadmium	106-1	742	733	950	808	15.19	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	1267	1442	958	1222	20.02	cps
Calcium	44-1	21384	21426	21250	21353	0.43	cps
Chromium	52-2	363	393	380	379	3.97	cps
Cobalt	59-2	357	293	333	328	9.77	cps
Copper	63-2	603	547	573	574	4.94	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	50	25	100.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5660780	5711824	5648363	5673656	0.59	cps
Holmium	165-2	1041047	1038134	1039015	1039399	0.14	cps
Indium	115-1	4379625	4375692	4441852	4399056	0.84	cps
Indium	115-2	167902	166567	168008	167492	0.48	cps
Iron	56-2	7291	7313	7602	7402	2.35	cps
Iron	57-2	178	228	167	191	17.07	cps
Lead	206-1	1767	1817	1995	1859	6.44	cps
Lead	207-1	1678	1589	1722	1663	4.08	cps
Lead	208-1	7523	7323	7451	7433	1.36	cps
Lithium	6-1	715571	719143	718826	717847	0.28	cps
Magnesium	24-2	883	908	992	928	6.11	cps
Manganese	55-2	140	127	63	110	37.24	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3467	3392	3259	3373	3.13	cps
Molybdenum	95-1	3501	3859	3926	3762	6.08	cps
Molybdenum	96-1	4142	4584	4193	4306	5.62	cps
Molybdenum	97-1	2542	2450	2250	2414	6.18	cps
Molybdenum	98-1	6210	6027	6252	6163	1.94	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	903	933	893	910	2.29	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2092	2034	2042	2056	1.54	cps
Rhodium	103-1	4051179	4029450	3990276	4023635	0.77	cps
Rhodium	103-2	965873	957761	964230	962621	0.45	cps
Scandium	45-1	2289661	2294734	2283812	2289402	0.24	cps
Scandium	45-2	15812	16026	15816	15885	0.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	4	7	8	58.09	cps
Selenium	82-1	199	241	228	222	9.69	cps
Silicon	28-1	331445	330364	325827	329212	0.91	cps
Silver	109-1	1567	1717	2025	1770	13.21	cps
Silver	107-1	1659	1967	1667	1764	9.96	cps
Sodium	23-2	9362	9128	9195	9228	1.30	cps
Strontium	86-1	933	1050	1083	1022	7.71	cps
Strontium	88-1	4643	4459	4268	4456	4.21	cps
Sulfur	34-1	295165	300273	295377	296938	0.97	cps
Terbium	159-1	5816634	5818749	5848289	5827890	0.30	cps
Terbium	159-2	998984	985703	992463	992383	0.67	cps
Thallium	203-1	2017	2067	2084	2056	1.69	cps
Thallium	205-1	5051	4634	4834	4840	4.31	cps
Tin	118-1	1700	1617	1984	1767	10.88	cps
Titanium	47-1	1192	950	1058	1067	11.35	cps
Uranium	238-1	5635	5335	5802	5590	4.23	cps
Vanadium	51-2	123	100	133	119	14.39	cps
Yttrium	89-1	4599137	4493439	4531491	4541356	1.18	cps
Yttrium	89-2	121417	121078	122456	121650	0.59	cps
Zinc	66-2	83	63	70	72	14.11	cps
Zirconium	90-1	2934	2884	3209	3009	5.82	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:01:02	DataFile Name :	023SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	767	633	711	9.76	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	17	28	69.27	cps
Antimony	121-1	2050	1734	2009	1931	8.91	cps
Arsenic	75-2	20	19	15	18	15.82	cps
Barium	135-1	1917	2000	2184	2034	6.71	cps
Barium	137-1	3434	3376	3434	3415	0.99	cps
Beryllium	9-1	406	278	294	326	21.31	cps
Bismuth	209-1	3942031	4057435	4031828	4010431	1.51	cps
Bismuth	209-2	883259	878042	884271	881858	0.38	cps
Boron	10-1	567	558	608	578	4.64	cps
Boron	11-1	3134	3034	2942	3037	3.16	cps
Cadmium	111-1	813	863	984	887	9.91	cps
Cadmium	106-1	642	775	867	761	14.87	cps
Cadmium	108-1	46	54	21	40	43.08	cps
Calcium	43-1	1017	867	1033	972	9.44	cps
Calcium	44-1	19414	19940	19289	19548	1.77	cps
Chromium	52-2	387	323	393	368	10.51	cps
Cobalt	59-2	250	323	353	309	17.21	cps
Copper	63-2	657	637	690	661	4.08	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5677487	5872372	5877202	5809020	1.96	cps
Holmium	165-2	1067759	1061780	1069462	1066334	0.38	cps
Indium	115-1	4436233	4519169	4512481	4489294	1.03	cps
Indium	115-2	171221	171592	171235	171349	0.12	cps
Iron	56-2	6835	6402	6724	6654	3.38	cps
Iron	57-2	139	156	178	157	12.39	cps
Lead	206-1	1639	1722	1811	1724	5.00	cps
Lead	207-1	1400	1828	1606	1611	13.28	cps
Lead	208-1	6662	7251	7207	7040	4.66	cps
Lithium	6-1	711819	729769	731753	724447	1.52	cps
Magnesium	24-2	825	842	800	822	2.55	cps
Manganese	55-2	77	83	113	91	21.44	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3009	2900	3242	3050	5.73	cps
Molybdenum	95-1	3718	3484	3651	3617	3.33	cps
Molybdenum	96-1	4118	4176	3776	4023	5.37	cps
Molybdenum	97-1	2234	2609	2134	2325	10.77	cps
Molybdenum	98-1	6711	5626	5551	5963	10.88	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	877	923	923	908	2.97	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2000	2125	2067	2064	3.03	cps
Rhodium	103-1	4023543	4119838	4086868	4076750	1.20	cps
Rhodium	103-2	995485	985629	992543	991219	0.51	cps
Scandium	45-1	2248582	2315726	2344126	2302811	2.13	cps
Scandium	45-2	16590	16313	16036	16313	1.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	175	270	243	229	21.39	cps
Silicon	28-1	331145	330515	328736	330132	0.38	cps
Silver	109-1	1875	1784	1875	1845	2.87	cps
Silver	107-1	1775	1917	1842	1845	3.84	cps
Sodium	23-2	9087	8845	8945	8959	1.36	cps
Strontium	86-1	917	808	783	836	8.48	cps
Strontium	88-1	4034	4343	4384	4254	4.50	cps
Sulfur	34-1	297257	302881	296873	299004	1.12	cps
Terbium	159-1	5923854	5927961	5979306	5943707	0.52	cps
Terbium	159-2	1027833	1022936	1023275	1024681	0.27	cps
Thallium	203-1	1892	1859	1817	1856	2.03	cps
Thallium	205-1	4218	4768	4484	4490	6.13	cps
Tin	118-1	1759	1909	1934	1867	5.07	cps
Titanium	47-1	908	958	992	953	4.40	cps
Uranium	238-1	4626	4893	5143	4887	5.29	cps
Vanadium	51-2	123	93	147	121	22.07	cps
Yttrium	89-1	4506857	4630783	4662601	4600080	1.79	cps
Yttrium	89-2	125591	123515	125274	124793	0.90	cps
Zinc	66-2	60	97	60	72	29.31	cps
Zirconium	90-1	2600	2475	2559	2545	2.50	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-03	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:04:14	DataFile Name :	024SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	633	608	631	3.33	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	2050	2017	1792	1953	7.20	cps
Arsenic	75-2	30	28	28	28	3.76	cps
Barium	135-1	1925	2050	2025	2000	3.31	cps
Barium	137-1	3542	2917	3476	3312	10.37	cps
Beryllium	9-1	339	333	344	339	1.64	cps
Bismuth	209-1	4070197	4025871	4023388	4039818	0.65	cps
Bismuth	209-2	893221	885908	887386	888838	0.44	cps
Boron	10-1	458	642	433	511	22.26	cps
Boron	11-1	2634	2675	2875	2728	4.74	cps
Cadmium	111-1	1043	933	984	987	5.56	cps
Cadmium	106-1	992	775	875	881	12.32	cps
Cadmium	108-1	38	25	29	31	20.83	cps
Calcium	43-1	1067	1083	1000	1050	4.20	cps
Calcium	44-1	19489	20858	20499	20282	3.50	cps
Chromium	52-2	393	343	330	356	9.39	cps
Cobalt	59-2	313	350	373	346	8.75	cps
Copper	63-2	700	593	630	641	8.45	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5837765	5832756	5866248	5845590	0.31	cps
Holmium	165-2	1073802	1074843	1074960	1074535	0.06	cps
Indium	115-1	4503643	4541555	4525134	4523444	0.42	cps
Indium	115-2	173021	173498	173033	173184	0.16	cps
Iron	56-2	6896	7063	6880	6946	1.46	cps
Iron	57-2	167	217	161	181	16.86	cps
Lead	206-1	1622	1861	1789	1758	6.97	cps
Lead	207-1	1811	1483	1700	1665	10.01	cps
Lead	208-1	7107	7412	7134	7218	2.34	cps
Lithium	6-1	731131	732175	733566	732291	0.17	cps
Magnesium	24-2	950	767	883	867	10.71	cps
Manganese	55-2	117	93	100	103	11.63	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3226	3084	3451	3253	5.69	cps
Molybdenum	95-1	3642	3684	3626	3651	0.82	cps
Molybdenum	96-1	3817	4001	4284	4034	5.83	cps
Molybdenum	97-1	2159	2534	2334	2342	8.01	cps
Molybdenum	98-1	5351	6243	5635	5743	7.94	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	907	880	880	889	1.73	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1717	1925	2200	1947	12.45	cps
Rhodium	103-1	4126075	4169234	4120199	4138502	0.65	cps
Rhodium	103-2	997361	992312	1002661	997445	0.52	cps
Scandium	45-1	2369459	2349889	2347365	2355571	0.51	cps
Scandium	45-2	16306	16804	16423	16511	1.57	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	11	4	6	7	56.78	cps
Selenium	82-1	309	255	275	280	9.81	cps
Silicon	28-1	328077	330602	330075	329585	0.40	cps
Silver	109-1	1717	1875	1750	1781	4.69	cps
Silver	107-1	2034	1775	1767	1859	8.16	cps
Sodium	23-2	8803	8720	9187	8903	2.80	cps
Strontium	86-1	917	1017	950	961	5.30	cps
Strontium	88-1	4301	4009	4067	4126	3.74	cps
Sulfur	34-1	300908	301342	300124	300791	0.21	cps
Terbium	159-1	6068839	6053179	5941206	6021075	1.16	cps
Terbium	159-2	1024548	1029720	1029399	1027889	0.28	cps
Thallium	203-1	1667	1917	1959	1847	8.54	cps
Thallium	205-1	4951	4393	4718	4687	5.98	cps
Tin	118-1	1750	1884	1734	1789	4.60	cps
Titanium	47-1	967	992	1058	1006	4.71	cps
Uranium	238-1	5410	5426	5276	5371	1.53	cps
Vanadium	51-2	110	110	83	101	15.22	cps
Yttrium	89-1	4648081	4651931	4666481	4655498	0.21	cps
Yttrium	89-2	125776	125375	126375	125842	0.40	cps
Zinc	66-2	110	93	57	87	31.48	cps
Zirconium	90-1	2875	2767	2425	2689	8.74	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-04	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:07:25	DataFile Name :	025SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	758	567	658	14.60	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	0	14	91.65	cps
Antimony	121-1	1950	2000	1934	1961	1.77	cps
Arsenic	75-2	24	22	11	19	36.64	cps
Barium	135-1	1709	2025	1859	1864	8.50	cps
Barium	137-1	3351	3351	3292	3331	1.01	cps
Beryllium	9-1	333	289	383	335	14.10	cps
Bismuth	209-1	4041438	4053794	4045795	4047009	0.15	cps
Bismuth	209-2	883437	883274	887644	884785	0.28	cps
Boron	10-1	525	700	542	589	16.40	cps
Boron	11-1	2559	2809	2992	2786	7.81	cps
Cadmium	111-1	1019	958	884	954	7.11	cps
Cadmium	106-1	892	858	833	861	3.40	cps
Cadmium	108-1	25	50	29	35	38.57	cps
Calcium	43-1	992	825	1017	945	11.03	cps
Calcium	44-1	19723	18713	18888	19108	2.82	cps
Chromium	52-2	350	350	313	338	6.27	cps
Cobalt	59-2	317	280	323	307	7.61	cps
Copper	63-2	553	613	597	588	5.27	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	67	17	47	56.72	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	5863512	5819787	5818109	5833803	0.44	cps
Holmium	165-2	1067222	1072572	1074236	1071343	0.34	cps
Indium	115-1	4542062	4516632	4536644	4531779	0.30	cps
Indium	115-2	170616	173852	174049	172839	1.12	cps
Iron	56-2	6035	6085	6374	6165	2.97	cps
Iron	57-2	117	150	194	154	25.39	cps
Lead	206-1	1778	1611	1650	1680	5.19	cps
Lead	207-1	1361	1445	1639	1482	9.62	cps
Lead	208-1	6851	6673	6790	6771	1.33	cps
Lithium	6-1	734129	736131	734802	735020	0.14	cps
Magnesium	24-2	833	758	808	800	4.77	cps
Manganese	55-2	90	87	70	82	13.03	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	2792	3034	2989	6.00	cps
Molybdenum	95-1	3409	3684	3359	3484	5.02	cps
Molybdenum	96-1	3926	3692	3826	3815	3.07	cps
Molybdenum	97-1	2167	1909	1850	1975	8.53	cps
Molybdenum	98-1	6027	5952	5551	5843	4.37	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	847	843	847	846	0.23	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1875	2192	2142	2070	8.23	cps
Rhodium	103-1	4146740	4153286	4115949	4138658	0.48	cps
Rhodium	103-2	989491	997909	998521	995307	0.51	cps
Scandium	45-1	2343928	2352223	2327536	2341229	0.54	cps
Scandium	45-2	16426	16039	16860	16442	2.50	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	266	180	263	237	20.76	cps
Silicon	28-1	329205	329297	327885	328795	0.24	cps
Silver	109-1	1734	1717	1709	1720	0.74	cps
Silver	107-1	1934	1842	1925	1900	2.67	cps
Sodium	23-2	8711	8561	9020	8764	2.67	cps
Strontium	86-1	883	992	775	883	12.26	cps
Strontium	88-1	4301	4159	4051	4170	3.01	cps
Sulfur	34-1	301044	300377	302089	301170	0.29	cps
Terbium	159-1	6006264	5999229	5966695	5990729	0.35	cps
Terbium	159-2	1021864	1022873	1027525	1024087	0.29	cps
Thallium	203-1	1800	1700	2059	1853	9.98	cps
Thallium	205-1	4193	4276	3992	4154	3.51	cps
Tin	118-1	1625	1767	1659	1684	4.40	cps
Titanium	47-1	825	975	1067	956	12.77	cps
Uranium	238-1	5285	4976	5176	5146	3.04	cps
Vanadium	51-2	110	100	110	107	5.41	cps
Yttrium	89-1	4700471	4611818	4618679	4643656	1.06	cps
Yttrium	89-2	124491	125090	126069	125216	0.64	cps
Zinc	66-2	50	77	80	69	23.87	cps
Zirconium	90-1	2425	2475	2584	2495	3.24	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-05	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:10:36	DataFile Name :	026SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	575	633	578	9.38	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	58	28	105.36	cps
Antimony	121-1	1742	2067	1900	1903	8.54	cps
Arsenic	75-2	20	22	26	23	12.40	cps
Barium	135-1	1959	2025	2092	2025	3.29	cps
Barium	137-1	3392	3192	3467	3351	4.24	cps
Beryllium	9-1	411	406	306	374	15.88	cps
Bismuth	209-1	4023280	4043002	4052731	4039671	0.37	cps
Bismuth	209-2	886121	890620	889871	888871	0.27	cps
Boron	10-1	567	458	525	517	10.58	cps
Boron	11-1	2417	2867	2509	2598	9.16	cps
Cadmium	111-1	933	978	905	939	3.97	cps
Cadmium	106-1	867	883	783	845	6.35	cps
Cadmium	108-1	58	33	21	37	50.92	cps
Calcium	43-1	892	1050	917	953	8.93	cps
Calcium	44-1	18655	19122	19105	18961	1.40	cps
Chromium	52-2	330	390	363	361	8.32	cps
Cobalt	59-2	320	327	327	324	1.19	cps
Copper	63-2	697	650	697	681	3.96	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	17	33	75	42	72.11	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5807504	5849023	5906292	5854273	0.85	cps
Holmium	165-2	1075719	1074578	1075740	1075346	0.06	cps
Indium	115-1	4538996	4528880	4507549	4525142	0.35	cps
Indium	115-2	173095	174583	174579	174086	0.49	cps
Iron	56-2	5968	5857	6063	5963	1.73	cps
Iron	57-2	161	150	161	157	4.07	cps
Lead	206-1	1522	1767	1717	1669	7.74	cps
Lead	207-1	1517	1611	1600	1576	3.28	cps
Lead	208-1	6762	7329	6973	7021	4.08	cps
Lithium	6-1	725731	728064	737847	730547	0.88	cps
Magnesium	24-2	892	692	900	828	14.25	cps
Manganese	55-2	117	97	100	104	10.26	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3192	2759	3042	2998	7.34	cps
Molybdenum	95-1	3726	3784	3476	3662	4.48	cps
Molybdenum	96-1	4059	4026	3851	3979	2.81	cps
Molybdenum	97-1	2225	2167	2559	2317	9.12	cps
Molybdenum	98-1	5693	5576	5718	5663	1.34	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	803	947	867	872	8.24	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	2175	2084	2125	2128	2.16	cps
Rhodium	103-1	4142947	4113994	4115258	4124067	0.40	cps
Rhodium	103-2	1004890	1002475	1005204	1004190	0.15	cps
Scandium	45-1	2337760	2332816	2382156	2350911	1.16	cps
Scandium	45-2	16390	16156	16136	16227	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	13	2	7	83.30	cps
Selenium	82-1	252	264	287	268	6.77	cps
Silicon	28-1	327502	334025	328939	330155	1.04	cps
Silver	109-1	1909	1825	1817	1850	2.74	cps
Silver	107-1	2017	1942	1900	1953	3.03	cps
Sodium	23-2	8986	8420	8528	8645	3.48	cps
Strontium	86-1	850	758	958	856	11.70	cps
Strontium	88-1	4118	4218	4001	4112	2.64	cps
Sulfur	34-1	303682	302736	306568	304329	0.66	cps
Terbium	159-1	6006754	5990036	6041892	6012894	0.44	cps
Terbium	159-2	1028867	1033256	1026802	1029642	0.32	cps
Thallium	203-1	2025	1709	1917	1884	8.55	cps
Thallium	205-1	4326	4218	4143	4229	2.18	cps
Tin	118-1	1742	1775	1959	1825	6.39	cps
Titanium	47-1	942	958	967	956	1.33	cps
Uranium	238-1	4901	5118	4960	4993	2.25	cps
Vanadium	51-2	107	80	103	97	15.03	cps
Yttrium	89-1	4615526	4664369	4657731	4645875	0.57	cps
Yttrium	89-2	126389	124252	126627	125756	1.04	cps
Zinc	66-2	43	53	70	56	24.25	cps
Zirconium	90-1	2709	2517	2675	2634	3.89	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-06	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:13:48	DataFile Name :	027SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	483	675	556	18.76	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	2009	1925	2059	1997	3.37	cps
Arsenic	75-2	17	20	22	20	14.31	cps
Barium	135-1	1925	1925	2042	1964	3.43	cps
Barium	137-1	3517	3359	3234	3370	4.21	cps
Beryllium	9-1	350	389	322	354	9.47	cps
Bismuth	209-1	4015031	4069230	4029500	4037920	0.69	cps
Bismuth	209-2	891711	894653	894179	893514	0.18	cps
Boron	10-1	475	650	533	553	16.12	cps
Boron	11-1	2592	2600	2525	2573	1.60	cps
Cadmium	111-1	908	989	1006	967	5.43	cps
Cadmium	106-1	833	900	867	867	3.85	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	958	1050	925	978	6.62	cps
Calcium	44-1	19681	19197	19122	19334	1.57	cps
Chromium	52-2	347	340	327	338	3.01	cps
Cobalt	59-2	377	417	310	368	14.65	cps
Copper	63-2	610	740	613	654	11.32	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	8	42	50	33	66.15	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	5881558	5872023	5881840	5878474	0.10	cps
Holmium	165-2	1082412	1079176	1079163	1080250	0.17	cps
Indium	115-1	4605439	4523884	4547785	4559036	0.92	cps
Indium	115-2	173262	171871	174918	173350	0.88	cps
Iron	56-2	6385	6479	6057	6307	3.52	cps
Iron	57-2	167	161	178	169	5.03	cps
Lead	206-1	1717	1784	1600	1700	5.46	cps
Lead	207-1	1533	1511	1572	1539	2.01	cps
Lead	208-1	6895	6923	6929	6916	0.26	cps
Lithium	6-1	734512	738244	737402	736719	0.27	cps
Magnesium	24-2	775	717	817	770	6.53	cps
Manganese	55-2	87	73	70	77	11.51	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3567	3126	3351	3348	6.60	cps
Molybdenum	95-1	3742	3767	4042	3851	4.32	cps
Molybdenum	96-1	4459	4251	4268	4326	2.68	cps
Molybdenum	97-1	2625	2425	2592	2548	4.21	cps
Molybdenum	98-1	6352	6002	5626	5993	6.05	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	860	847	960	889	6.97	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1950	2042	1959	1984	2.56	cps
Rhodium	103-1	4184268	4156654	4162391	4167771	0.35	cps
Rhodium	103-2	1003831	993157	1000278	999089	0.54	cps
Scandium	45-1	2344333	2359872	2342343	2348849	0.41	cps
Scandium	45-2	17131	16306	16520	16652	2.57	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	336	289	231	285	18.39	cps
Silicon	28-1	331438	328717	331590	330582	0.49	cps
Silver	109-1	1917	2084	1959	1986	4.37	cps
Silver	107-1	2384	1975	1767	2042	15.37	cps
Sodium	23-2	8928	8411	9137	8825	4.23	cps
Strontium	86-1	792	883	975	883	10.38	cps
Strontium	88-1	4159	4584	4234	4326	5.25	cps
Sulfur	34-1	309036	306582	303742	306453	0.86	cps
Terbium	159-1	6071311	5942931	6017851	6010698	1.07	cps
Terbium	159-2	1035843	1025686	1025209	1028913	0.58	cps
Thallium	203-1	1909	1825	2034	1922	5.46	cps
Thallium	205-1	4468	4384	4309	4387	1.81	cps
Tin	118-1	1892	1750	1700	1781	5.58	cps
Titanium	47-1	1025	1025	1192	1081	8.91	cps
Uranium	238-1	5576	5176	5635	5463	4.57	cps
Vanadium	51-2	97	117	120	111	11.36	cps
Yttrium	89-1	4687821	4697410	4656427	4680553	0.46	cps
Yttrium	89-2	126334	125352	125870	125852	0.39	cps
Zinc	66-2	93	80	87	87	7.70	cps
Zirconium	90-1	2842	2884	3125	2950	5.19	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1089-07	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:17:00	DataFile Name :	028SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	567	725	647	12.24	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BL	Instrumnet Name :	P8
Client Sample ID :	PB105664BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:21:45	DataFile Name :	029CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	117	83	75	92	24.05	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	8	17	33	19	65.47	cps
Beryllium	9-1	89	83	94	89	6.25	cps
Bismuth	209-1	4002329	3958577	3978633	3979846	0.55	cps
Bismuth	209-2	877630	884444	884924	882332	0.46	cps
Boron	10-1	292	425	417	378	19.77	cps
Boron	11-1	1692	1483	1492	1556	7.58	cps
Cadmium	111-1	637	542	605	594	8.13	cps
Cadmium	106-1	892	750	850	831	8.77	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	575	600	633	603	4.86	cps
Calcium	44-1	13282	12932	12623	12945	2.55	cps
Chromium	52-2	223	190	180	198	11.47	cps
Cobalt	59-2	43	50	43	46	8.45	cps
Copper	63-2	117	87	117	107	16.24	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5768102	5735780	5814822	5772901	0.69	cps
Holmium	165-2	1057539	1062369	1064858	1061589	0.35	cps
Indium	115-1	4458983	4482485	4480994	4474154	0.29	cps
Indium	115-2	170895	172210	172179	171761	0.44	cps
Iron	56-2	1550	1711	1483	1582	7.41	cps
Iron	57-2	67	50	39	52	26.97	cps
Lead	206-1	511	572	394	493	18.34	cps
Lead	207-1	394	389	406	396	2.14	cps
Lead	208-1	1767	1833	1778	1793	1.99	cps
Lithium	6-1	725363	716340	729512	723738	0.93	cps
Magnesium	24-2	358	350	408	372	8.48	cps
Manganese	55-2	13	17	33	21	50.75	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BL	Instrumnet Name :	P8
Client Sample ID :	PB105664BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:21:45	DataFile Name :	029CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	92	108	114	22.35	cps
Molybdenum	95-1	50	33	42	42	20.00	cps
Molybdenum	96-1	83	92	58	78	22.30	cps
Molybdenum	97-1	42	50	17	36	48.03	cps
Molybdenum	98-1	67	50	75	64	19.92	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	580	623	627	610	4.27	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1617	1642	1750	1670	4.25	cps
Rhodium	103-1	4098981	4091649	4090396	4093675	0.11	cps
Rhodium	103-2	988468	990733	990730	989977	0.13	cps
Scandium	45-1	2306320	2283175	2303383	2297626	0.55	cps
Scandium	45-2	16370	16310	15903	16194	1.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-36	-56	60	-11	-559.13	cps
Silicon	28-1	331366	328581	324650	328199	1.03	cps
Silver	109-1	75	108	67	83	26.46	cps
Silver	107-1	142	50	50	81	65.70	cps
Sodium	23-2	7536	7561	7261	7452	2.24	cps
Strontium	86-1	383	442	358	394	10.84	cps
Strontium	88-1	75	100	108	94	18.37	cps
Sulfur	34-1	306054	304440	304176	304890	0.33	cps
Terbium	159-1	5887869	5849702	5921939	5886504	0.61	cps
Terbium	159-2	1019602	1011195	1016452	1015750	0.42	cps
Thallium	203-1	350	300	342	331	8.10	cps
Thallium	205-1	742	608	558	636	14.90	cps
Tin	118-1	442	450	408	433	5.09	cps
Titanium	47-1	75	83	75	78	6.19	cps
Uranium	238-1	58	33	58	50	28.88	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	4577909	4564046	4591499	4577818	0.30	cps
Yttrium	89-2	124595	124494	124188	124426	0.17	cps
Zinc	66-2	30	17	30	26	30.11	cps
Zirconium	90-1	300	342	333	325	6.79	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BL	Instrumnet Name :	P8
Client Sample ID :	PB105664BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:21:45	DataFile Name :	029CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	67	67	12.49	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35721	34468	36064	35418	2.37	cps
Antimony	121-1	3529815	3562360	3533343	3541839	0.50	cps
Arsenic	75-2	32690	33021	32425	32712	0.91	cps
Barium	135-1	3784002	3796122	3753343	3777822	0.58	cps
Barium	137-1	6524625	6529709	6514010	6522781	0.12	cps
Beryllium	9-1	379959	376261	377815	378012	0.49	cps
Bismuth	209-1	4045628	4074411	3985175	4035071	1.13	cps
Bismuth	209-2	875235	878188	884916	879446	0.56	cps
Boron	10-1	41645	41929	42581	42051	1.14	cps
Boron	11-1	194670	197889	202112	198224	1.88	cps
Cadmium	111-1	722300	731292	717008	723533	1.00	cps
Cadmium	106-1	74908	74883	73794	74528	0.85	cps
Cadmium	108-1	51954	51419	51214	51529	0.74	cps
Calcium	43-1	666942	665440	668126	666836	0.20	cps
Calcium	44-1	10825576	10815309	10689432	10776772	0.70	cps
Chromium	52-2	247832	246051	247411	247098	0.38	cps
Cobalt	59-2	546962	548549	545949	547153	0.24	cps
Copper	63-2	955764	955437	963594	958265	0.48	cps
Dysprosium	156-1	33	50	125	69	70.32	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	5931161	5974008	6003087	5969419	0.61	cps
Holmium	165-2	1081625	1082892	1090731	1085083	0.45	cps
Indium	115-1	4428475	4497070	4473292	4466279	0.78	cps
Indium	115-2	168237	167369	169997	168534	0.79	cps
Iron	56-2	8445888	8424613	8466483	8445661	0.25	cps
Iron	57-2	211085	212371	212680	212045	0.40	cps
Lead	206-1	2431084	2435848	2422817	2429916	0.27	cps
Lead	207-1	2253395	2245643	2277776	2258938	0.74	cps
Lead	208-1	10019081	10033907	10032394	10028461	0.08	cps
Lithium	6-1	722729	736378	732677	730595	0.97	cps
Magnesium	24-2	843047	849733	849092	847291	0.44	cps
Manganese	55-2	141167	141289	141397	141284	0.08	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5747838	5713420	5799917	5753725	0.76	cps
Molybdenum	95-1	6966866	6983736	6950673	6967091	0.24	cps
Molybdenum	96-1	7863110	7822273	7771161	7818848	0.59	cps
Molybdenum	97-1	4362233	4370788	4396005	4376342	0.40	cps
Molybdenum	98-1	11297124	11407036	11163394	11289185	1.08	cps
Neodymium	150-1	160	153	133	149	9.32	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	161291	161534	160010	160945	0.51	cps
Phosphorus	31-2	2334	2500	2567	2467	4.87	cps
Potassium	39-2	240048	241435	245138	242207	1.09	cps
Rhodium	103-1	4013566	4078071	4046939	4046192	0.80	cps
Rhodium	103-2	971666	965381	978100	971716	0.65	cps
Scandium	45-1	2300351	2367728	2373172	2347084	1.73	cps
Scandium	45-2	16203	16400	16487	16363	0.89	cps
Selenium	77-2	193	190	193	192	1.00	cps
Selenium	78-2	719	750	743	737	2.23	cps
Selenium	82-1	43635	44220	43692	43849	0.74	cps
Silicon	28-1	1618029	1616749	1627931	1620903	0.38	cps
Silver	109-1	3446635	3424216	3448928	3439926	0.40	cps
Silver	107-1	3609294	3578507	3583268	3590357	0.46	cps
Sodium	23-2	2034757	2024198	2042925	2033960	0.46	cps
Strontium	86-1	894400	899932	897701	897344	0.31	cps
Strontium	88-1	7793237	7847069	7820701	7820336	0.34	cps
Sulfur	34-1	480033	479165	476751	478650	0.36	cps
Terbium	159-1	5968253	6143803	6106716	6072924	1.52	cps
Terbium	159-2	1043702	1033337	1041618	1039552	0.53	cps
Thallium	203-1	3033978	2978541	2986214	2999578	1.00	cps
Thallium	205-1	7096691	7068005	7166262	7110320	0.71	cps
Tin	118-1	2429760	2411175	2404682	2415206	0.54	cps
Titanium	47-1	1713293	1712451	1697227	1707657	0.53	cps
Uranium	238-1	10144817	10103446	10031464	10093243	0.57	cps
Vanadium	51-2	187696	186831	187554	187360	0.25	cps
Yttrium	89-1	4597794	4674514	4698885	4657064	1.13	cps
Yttrium	89-2	124807	125194	127323	125774	1.08	cps
Zinc	66-2	84774	85176	86266	85405	0.90	cps
Zirconium	90-1	4807186	4817068	4831025	4818426	0.25	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105664BS	Instrumnet Name :	P8
Client Sample ID :	PB105664BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:24:57	DataFile Name :	030LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1054545	1057461	1057977	1056661	0.18	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180779	177151	178036	178655	1.06	cps
Antimony	121-1	3533202	3550351	3537930	3540494	0.25	cps
Arsenic	75-2	32798	32399	32852	32683	0.76	cps
Barium	135-1	3769883	3826455	3840987	3812442	0.99	cps
Barium	137-1	6544512	6575909	6617692	6579371	0.56	cps
Beryllium	9-1	383691	385565	386187	385148	0.34	cps
Bismuth	209-1	3865640	3874128	3889707	3876491	0.31	cps
Bismuth	209-2	845038	830738	832461	836079	0.93	cps
Boron	10-1	43475	45356	45289	44707	2.39	cps
Boron	11-1	205282	211697	212468	209816	1.88	cps
Cadmium	111-1	705088	705099	705238	705142	0.01	cps
Cadmium	106-1	73074	73978	73241	73431	0.66	cps
Cadmium	108-1	50072	50469	50377	50306	0.41	cps
Calcium	43-1	3291636	3359553	3366862	3339351	1.24	cps
Calcium	44-1	53502443	53596876	53531501	53543607	0.09	cps
Chromium	52-2	251156	253164	248741	251020	0.88	cps
Cobalt	59-2	547559	545027	544651	545745	0.29	cps
Copper	63-2	930056	934584	934143	932927	0.27	cps
Dysprosium	156-1	92	17	67	58	65.46	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	58	83	42	61	34.32	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	5890554	5831585	5901823	5874654	0.64	cps
Holmium	165-2	1084265	1062905	1064473	1070548	1.11	cps
Indium	115-1	4401840	4323786	4358014	4361213	0.90	cps
Indium	115-2	164040	162551	162923	163171	0.47	cps
Iron	56-2	41576193	41275327	41548045	41466522	0.40	cps
Iron	57-2	1047255	1041408	1040760	1043141	0.34	cps
Lead	206-1	2422241	2406758	2430373	2419791	0.50	cps
Lead	207-1	2200021	2240127	2242548	2227565	1.07	cps
Lead	208-1	9957129	9962272	9985918	9968440	0.15	cps
Lithium	6-1	708782	710888	711687	710452	0.21	cps
Magnesium	24-2	4333868	4279914	4260652	4291478	0.88	cps
Manganese	55-2	142148	141531	140595	141425	0.55	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5808197	5746371	5796278	5783615	0.57	cps
Molybdenum	95-1	7048023	7098929	7091772	7079575	0.39	cps
Molybdenum	96-1	7990780	8004081	7932881	7975914	0.47	cps
Molybdenum	97-1	4422825	4433412	4408006	4421415	0.29	cps
Molybdenum	98-1	11465054	11489918	11458014	11470995	0.15	cps
Neodymium	150-1	160	180	213	184	14.61	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	157846	156723	157579	157383	0.37	cps
Phosphorus	31-2	2534	2409	2559	2500	3.21	cps
Potassium	39-2	1207206	1198012	1198987	1201402	0.42	cps
Rhodium	103-1	3909153	3882931	3873219	3888434	0.48	cps
Rhodium	103-2	938736	921928	923037	927900	1.01	cps
Scandium	45-1	2309774	2341525	2337382	2329560	0.74	cps
Scandium	45-2	16587	15999	16483	16356	1.92	cps
Selenium	77-2	210	213	220	214	2.37	cps
Selenium	78-2	724	806	787	772	5.53	cps
Selenium	82-1	43532	43219	43198	43316	0.43	cps
Silicon	28-1	1610187	1615443	1617058	1614229	0.22	cps
Silver	109-1	3317205	3300474	3307276	3308318	0.25	cps
Silver	107-1	3500397	3459155	3462629	3474060	0.66	cps
Sodium	23-2	10096418	10057968	10041572	10065319	0.28	cps
Strontium	86-1	925595	927948	921009	924851	0.38	cps
Strontium	88-1	8057548	8069349	7990102	8039000	0.53	cps
Sulfur	34-1	481079	476771	481363	479738	0.54	cps
Terbium	159-1	5998573	5921851	6012653	5977692	0.82	cps
Terbium	159-2	1033757	1016255	1014918	1021643	1.03	cps
Thallium	203-1	2958202	2972748	2983077	2971342	0.42	cps
Thallium	205-1	7007079	7001139	7007481	7005233	0.05	cps
Tin	118-1	2406506	2412629	2411555	2410230	0.14	cps
Titanium	47-1	1707692	1739107	1732609	1726469	0.96	cps
Uranium	238-1	10153630	10160243	10083700	10132525	0.42	cps
Vanadium	51-2	191479	190451	190293	190741	0.34	cps
Yttrium	89-1	4608908	4637876	4605452	4617412	0.39	cps
Yttrium	89-2	124813	122910	121716	123146	1.27	cps
Zinc	66-2	83804	83671	83446	83640	0.22	cps
Zirconium	90-1	4837783	4868283	4845864	4850643	0.33	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:28:00	DataFile Name :	031CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1068738	1071202	1077842	1072594	0.44	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	0	14	124.91	cps
Antimony	121-1	1008	992	1167	1056	9.15	cps
Arsenic	75-2	4	9	0	4	107.89	cps
Barium	135-1	125	100	133	119	14.53	cps
Barium	137-1	225	200	217	214	5.95	cps
Beryllium	9-1	289	267	261	272	5.40	cps
Bismuth	209-1	3941040	3959508	3981510	3960686	0.51	cps
Bismuth	209-2	868026	867789	861500	865772	0.43	cps
Boron	10-1	933	800	958	897	9.49	cps
Boron	11-1	5001	4426	4284	4570	8.31	cps
Cadmium	111-1	595	469	575	546	12.42	cps
Cadmium	106-1	817	617	758	731	14.08	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	667	742	675	695	5.92	cps
Calcium	44-1	14066	13991	13549	13868	2.01	cps
Chromium	52-2	260	203	290	251	17.53	cps
Cobalt	59-2	43	80	50	58	33.81	cps
Copper	63-2	177	223	220	207	12.60	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	0	19	89.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	5682339	5735814	5713636	5710597	0.47	cps
Holmium	165-2	1045880	1053668	1039389	1046312	0.68	cps
Indium	115-1	4401240	4423767	4440846	4421951	0.45	cps
Indium	115-2	168712	169287	169209	169069	0.18	cps
Iron	56-2	3412	3256	3300	3323	2.41	cps
Iron	57-2	83	100	83	89	10.82	cps
Lead	206-1	828	689	722	746	9.72	cps
Lead	207-1	683	589	567	613	10.11	cps
Lead	208-1	3228	2867	2850	2982	7.16	cps
Lithium	6-1	721443	727088	718054	722195	0.63	cps
Magnesium	24-2	333	408	317	353	13.84	cps
Manganese	55-2	20	30	20	23	24.74	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	417	342	381	9.87	cps
Molybdenum	95-1	283	375	325	328	14.00	cps
Molybdenum	96-1	367	467	442	425	12.25	cps
Molybdenum	97-1	233	225	217	225	3.70	cps
Molybdenum	98-1	658	575	667	633	8.00	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	660	637	553	617	9.09	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1792	1775	1817	1795	1.17	cps
Rhodium	103-1	4017348	4061081	4024425	4034285	0.58	cps
Rhodium	103-2	971916	972053	961986	968652	0.60	cps
Scandium	45-1	2273088	2296578	2297379	2289015	0.60	cps
Scandium	45-2	16283	15999	15769	16017	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	44	21	-12	18	158.10	cps
Silicon	28-1	322247	322820	322885	322651	0.11	cps
Silver	109-1	225	225	158	203	18.98	cps
Silver	107-1	242	175	142	186	27.36	cps
Sodium	23-2	8428	8478	8294	8400	1.13	cps
Strontium	86-1	458	542	425	475	12.65	cps
Strontium	88-1	675	533	458	556	19.81	cps
Sulfur	34-1	290777	295100	295845	293907	0.93	cps
Terbium	159-1	5843091	5871630	5883216	5865979	0.35	cps
Terbium	159-2	1000507	999322	1000697	1000175	0.07	cps
Thallium	203-1	850	767	792	803	5.33	cps
Thallium	205-1	1909	1917	1692	1839	6.94	cps
Tin	118-1	617	667	675	653	4.83	cps
Titanium	47-1	200	142	142	161	20.91	cps
Uranium	238-1	242	417	308	322	27.41	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Yttrium	89-1	4457923	4583729	4573321	4538324	1.54	cps
Yttrium	89-2	120657	121837	121228	121241	0.49	cps
Zinc	66-2	33	40	27	33	20.00	cps
Zirconium	90-1	475	608	608	564	13.65	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:33:48	DataFile Name :	032CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	158	108	128	20.96	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	458	375	483	439	12.92	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	4484	4118	4609	4404	5.80	cps
Barium	137-1	7953	8295	7744	7997	3.47	cps
Beryllium	9-1	228	228	283	246	13.02	cps
Bismuth	209-1	4007176	4024343	3645755	3892425	5.49	cps
Bismuth	209-2	871494	872512	872867	872291	0.08	cps
Boron	10-1	5918	6168	5701	5929	3.94	cps
Boron	11-1	29289	28663	29114	29022	1.11	cps
Cadmium	111-1	615	581	534	577	7.05	cps
Cadmium	106-1	817	733	700	750	8.01	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Calcium	43-1	17311	18997	17904	18071	4.73	cps
Calcium	44-1	296794	297108	295254	296385	0.33	cps
Chromium	52-2	230	210	227	222	4.82	cps
Cobalt	59-2	70	57	47	58	20.26	cps
Copper	63-2	10598	10447	10457	10501	0.80	cps
Dysprosium	156-1	25	33	17	25	33.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5790775	5741736	5292040	5608184	4.90	cps
Holmium	165-2	1055007	1057991	1053898	1055632	0.20	cps
Indium	115-1	4458639	4497977	4085472	4347363	5.24	cps
Indium	115-2	169036	168566	169786	169129	0.36	cps
Iron	56-2	11255	10860	10999	11038	1.81	cps
Iron	57-2	261	244	244	250	3.85	cps
Lead	206-1	3417	3384	3323	3375	1.42	cps
Lead	207-1	2845	3039	2850	2912	3.80	cps
Lead	208-1	13253	13553	13581	13463	1.35	cps
Lithium	6-1	728468	723503	666052	706008	4.91	cps
Magnesium	24-2	4909	4743	4768	4807	1.87	cps
Manganese	55-2	133	153	177	154	14.04	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	333	317	289	21.84	cps
Molybdenum	95-1	250	275	358	294	19.26	cps
Molybdenum	96-1	392	283	358	344	16.11	cps
Molybdenum	97-1	208	192	217	206	6.19	cps
Molybdenum	98-1	433	600	308	447	32.72	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	583	643	593	607	5.30	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	5160	5068	5051	5093	1.15	cps
Rhodium	103-1	4109181	4092829	3678908	3960306	6.16	cps
Rhodium	103-2	976606	971173	975843	974541	0.30	cps
Scandium	45-1	2328432	2282494	2113784	2241570	5.04	cps
Scandium	45-2	15969	15712	15856	15846	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	34	-20	23	12	229.06	cps
Silicon	28-1	427425	425347	426341	426371	0.24	cps
Silver	109-1	158	292	192	214	32.44	cps
Silver	107-1	300	233	383	306	24.60	cps
Sodium	23-2	313368	311772	310914	312018	0.40	cps
Strontium	86-1	8728	8586	8837	8717	1.44	cps
Strontium	88-1	71303	69235	71153	70564	1.63	cps
Sulfur	34-1	298450	297820	296636	297635	0.31	cps
Terbium	159-1	5881669	5923364	5427457	5744163	4.79	cps
Terbium	159-2	1013167	1012087	1009841	1011698	0.17	cps
Thallium	203-1	625	800	600	675	16.15	cps
Thallium	205-1	1609	1383	1800	1597	13.06	cps
Tin	118-1	483	625	517	542	13.67	cps
Titanium	47-1	150	108	183	147	25.52	cps
Uranium	238-1	175	142	175	164	11.74	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	4609524	4586679	4162046	4452750	5.66	cps
Yttrium	89-2	123919	122741	121911	122857	0.82	cps
Zinc	66-2	23998	23677	24191	23955	1.08	cps
Zirconium	90-1	392	342	358	364	7.00	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1147-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01DL	Dilution Factor :	20
Date & Time Acquired ::	2018-01-17 13:37:00	DataFile Name :	033SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	133	83	86	53.30	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : PB105666BL Instrumnet Name : P8
 Client Sample ID : PB105666BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:40:11 DataFile Name : 034CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	225	367	367	319	25.61	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	67	67	42	58	24.74	cps
Barium	137-1	108	42	50	67	54.49	cps
Beryllium	9-1	211	183	183	193	8.33	cps
Bismuth	209-1	3944371	3953432	3861068	3919623	1.30	cps
Bismuth	209-2	867747	861932	809877	846519	3.76	cps
Boron	10-1	792	692	583	689	15.13	cps
Boron	11-1	3851	3592	3526	3656	4.70	cps
Cadmium	111-1	504	543	486	511	5.63	cps
Cadmium	106-1	700	742	683	708	4.24	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	583	633	617	611	4.17	cps
Calcium	44-1	12640	13474	12689	12934	3.62	cps
Chromium	52-2	193	230	247	223	12.22	cps
Cobalt	59-2	50	33	47	43	20.36	cps
Copper	63-2	147	147	117	137	12.67	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	0	0	10	3	173.21	cps
Holmium	165-1	5647654	5636756	5556825	5613745	0.88	cps
Holmium	165-2	1045528	1033793	976330	1018550	3.64	cps
Indium	115-1	4409524	4369400	4346246	4375057	0.73	cps
Indium	115-2	168269	165983	155778	163343	4.07	cps
Iron	56-2	2034	2017	1984	2011	1.27	cps
Iron	57-2	44	56	61	54	15.80	cps
Lead	206-1	728	811	683	741	8.76	cps
Lead	207-1	611	539	689	613	12.24	cps
Lead	208-1	2939	2939	2895	2924	0.88	cps
Lithium	6-1	711736	716429	705251	711138	0.79	cps
Magnesium	24-2	242	300	392	311	24.31	cps
Manganese	55-2	20	13	33	22	45.83	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BL	Instrumnet Name :	P8
Client Sample ID :	PB105666BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:40:11	DataFile Name :	034CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	142	183	144	26.01	cps
Molybdenum	95-1	67	100	58	75	29.39	cps
Molybdenum	96-1	117	183	192	164	25.08	cps
Molybdenum	97-1	67	50	25	47	44.41	cps
Molybdenum	98-1	100	133	142	125	17.63	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	567	500	520	529	6.47	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2042	2209	1750	2000	11.60	cps
Rhodium	103-1	3996969	3999116	3963958	3986681	0.49	cps
Rhodium	103-2	963863	952853	896408	937708	3.86	cps
Scandium	45-1	2276818	2262527	2258798	2266047	0.42	cps
Scandium	45-2	15702	15442	14478	15207	4.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-28	-36	-10	-25	-53.70	cps
Silicon	28-1	315071	321119	322102	319431	1.19	cps
Silver	109-1	117	58	92	89	32.92	cps
Silver	107-1	117	100	125	114	11.18	cps
Sodium	23-2	7661	7636	7611	7636	0.33	cps
Strontium	86-1	533	400	575	503	18.18	cps
Strontium	88-1	150	125	208	161	26.54	cps
Sulfur	34-1	293398	296222	294195	294605	0.49	cps
Terbium	159-1	5814341	5789731	5730941	5778338	0.74	cps
Terbium	159-2	990059	986991	933700	970250	3.27	cps
Thallium	203-1	617	733	508	619	18.17	cps
Thallium	205-1	1308	1283	1300	1297	0.98	cps
Tin	118-1	492	383	550	475	17.81	cps
Titanium	47-1	133	133	208	158	27.35	cps
Uranium	238-1	75	92	83	83	10.00	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	4474494	4489670	4402128	4455431	1.05	cps
Yttrium	89-2	121115	120119	113111	118115	3.69	cps
Zinc	66-2	10	30	37	26	54.31	cps
Zirconium	90-1	358	300	283	314	12.55	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BL	Instrumnet Name :	P8
Client Sample ID :	PB105666BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:40:11	DataFile Name :	034CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36356	35345	33892	35198	3.52	cps
Antimony	121-1	3553510	3636236	3530995	3573580	1.55	cps
Arsenic	75-2	33065	32535	33047	32882	0.92	cps
Barium	135-1	3814780	3837403	3781211	3811131	0.74	cps
Barium	137-1	6527451	6579007	6529927	6545462	0.44	cps
Beryllium	9-1	381161	377011	380010	379394	0.56	cps
Bismuth	209-1	4031351	4148295	4053185	4077610	1.52	cps
Bismuth	209-2	888157	881137	882294	883863	0.43	cps
Boron	10-1	40040	43099	42163	41767	3.75	cps
Boron	11-1	194889	200294	202440	199208	1.95	cps
Cadmium	111-1	727782	726015	727629	727142	0.13	cps
Cadmium	106-1	77841	76066	74984	76297	1.89	cps
Cadmium	108-1	51548	51623	51632	51601	0.09	cps
Calcium	43-1	666170	666165	658496	663610	0.67	cps
Calcium	44-1	10816247	10975633	10762238	10851372	1.02	cps
Chromium	52-2	245277	244376	246457	245370	0.43	cps
Cobalt	59-2	549504	546713	547502	547906	0.26	cps
Copper	63-2	957323	953737	962276	957779	0.45	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	5957110	5982767	5971655	5970511	0.22	cps
Holmium	165-2	1099364	1098545	1093391	1097100	0.30	cps
Indium	115-1	4484490	4552470	4465501	4500820	1.02	cps
Indium	115-2	167725	168352	169092	168389	0.41	cps
Iron	56-2	8392149	8441294	8458744	8430729	0.41	cps
Iron	57-2	214712	212139	210983	212611	0.90	cps
Lead	206-1	2480852	2464668	2474543	2473354	0.33	cps
Lead	207-1	2307001	2313204	2283004	2301070	0.69	cps
Lead	208-1	10162466	10202972	10127972	10164470	0.37	cps
Lithium	6-1	729420	740966	736421	735602	0.79	cps
Magnesium	24-2	853604	845728	856526	851953	0.66	cps
Manganese	55-2	141734	140329	141653	141238	0.56	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5748721	5823358	5743813	5771964	0.77	cps
Molybdenum	95-1	7011292	7097070	7053928	7054096	0.61	cps
Molybdenum	96-1	7871113	7901183	7869122	7880473	0.23	cps
Molybdenum	97-1	4358558	4412916	4389990	4387155	0.62	cps
Molybdenum	98-1	11490926	11438185	11409362	11446158	0.36	cps
Neodymium	150-1	140	153	133	142	7.16	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	161194	159771	159258	160074	0.63	cps
Phosphorus	31-2	2692	2559	2609	2620	2.57	cps
Potassium	39-2	242802	240045	245215	242687	1.07	cps
Rhodium	103-1	4078549	4058510	4115163	4084074	0.70	cps
Rhodium	103-2	980166	974496	976178	976947	0.30	cps
Scandium	45-1	2349820	2367142	2364929	2360630	0.40	cps
Scandium	45-2	16053	15966	16206	16075	0.76	cps
Selenium	77-2	227	193	200	207	8.53	cps
Selenium	78-2	711	698	824	744	9.30	cps
Selenium	82-1	44220	44478	43972	44223	0.57	cps
Silicon	28-1	1598999	1622839	1606276	1609371	0.76	cps
Silver	109-1	3417102	3429937	3428657	3425232	0.21	cps
Silver	107-1	3613966	3634576	3605620	3618054	0.41	cps
Sodium	23-2	2038983	2035731	2011751	2028822	0.73	cps
Strontium	86-1	888683	899005	898504	895398	0.65	cps
Strontium	88-1	7848235	7887407	7773408	7836350	0.74	cps
Sulfur	34-1	478615	479342	476127	478028	0.35	cps
Terbium	159-1	6158952	6089342	6127152	6125149	0.57	cps
Terbium	159-2	1042960	1040528	1044401	1042630	0.19	cps
Thallium	203-1	3043483	3061978	3007846	3037769	0.91	cps
Thallium	205-1	7176418	7152161	7166144	7164908	0.17	cps
Tin	118-1	2406636	2447418	2417287	2423780	0.87	cps
Titanium	47-1	1708634	1738731	1694641	1714002	1.31	cps
Uranium	238-1	10164518	10265414	10042787	10157573	1.10	cps
Vanadium	51-2	189513	186778	188142	188144	0.73	cps
Yttrium	89-1	4696520	4725024	4692600	4704715	0.38	cps
Yttrium	89-2	125604	122517	124138	124086	1.24	cps
Zinc	66-2	84968	85132	85806	85302	0.52	cps
Zirconium	90-1	4826853	4838097	4764639	4809863	0.82	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	PB105666BS	Instrumnet Name :	P8
Client Sample ID :	PB105666BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:43:22	DataFile Name :	035LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1065136	1063711	1053677	1060841	0.59	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	142	200	161	20.91	cps
Antimony	121-1	3442	3376	3292	3370	2.23	cps
Arsenic	75-2	22	24	28	25	11.47	cps
Barium	135-1	89619	88487	88721	88942	0.67	cps
Barium	137-1	157781	156401	156626	156936	0.47	cps
Beryllium	9-1	306	356	339	333	7.64	cps
Bismuth	209-1	4445060	4366640	4390898	4400866	0.91	cps
Bismuth	209-2	942178	928320	933716	934738	0.75	cps
Boron	10-1	6218	5868	6210	6099	3.28	cps
Boron	11-1	28229	28028	27778	28012	0.81	cps
Cadmium	111-1	743	715	750	736	2.52	cps
Cadmium	106-1	842	775	858	825	5.34	cps
Cadmium	108-1	42	33	25	33	25.01	cps
Calcium	43-1	556080	555560	555057	555566	0.09	cps
Calcium	44-1	9088697	9051838	9024578	9055038	0.36	cps
Chromium	52-2	397	453	387	412	8.72	cps
Cobalt	59-2	187	150	210	182	16.60	cps
Copper	63-2	1318513	1310658	1306223	1311798	0.47	cps
Dysprosium	156-1	50	92	83	75	29.40	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	67	83	33	61	41.67	cps
Gadolinium	160-2	10	27	13	17	52.93	cps
Holmium	165-1	6571688	6448989	6425595	6482091	1.21	cps
Holmium	165-2	1162509	1150642	1148146	1153766	0.67	cps
Indium	115-1	5053811	5028190	4996223	5026075	0.57	cps
Indium	115-2	184752	185072	182125	183983	0.88	cps
Iron	56-2	32622	32477	32644	32581	0.28	cps
Iron	57-2	833	739	761	778	6.35	cps
Lead	206-1	2517	2584	2373	2491	4.33	cps
Lead	207-1	2117	2172	2000	2097	4.19	cps
Lead	208-1	10180	9863	9107	9717	5.67	cps
Lithium	6-1	796503	792266	785900	791556	0.67	cps
Magnesium	24-2	250240	248502	246451	248398	0.76	cps
Manganese	55-2	2220	2170	2060	2150	3.81	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1467	1492	1692	1550	7.96	cps
Molybdenum	95-1	2634	2525	2267	2475	7.61	cps
Molybdenum	96-1	2700	2442	2592	2578	5.03	cps
Molybdenum	97-1	1642	1475	1567	1561	5.35	cps
Molybdenum	98-1	3667	4001	4017	3895	5.07	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1143	1030	1080	1085	5.24	cps
Phosphorus	31-2	92	8	100	67	76.04	cps
Potassium	39-2	33082	31470	32430	32327	2.51	cps
Rhodium	103-1	4490355	4488103	4458469	4478976	0.40	cps
Rhodium	103-2	1062589	1054938	1046997	1054841	0.74	cps
Scandium	45-1	2628417	2577656	2575632	2593902	1.15	cps
Scandium	45-2	17835	17625	17494	17651	0.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-32	19	8	-2	-1762.67	cps
Silicon	28-1	6690053	6611864	6634937	6645618	0.60	cps
Silver	109-1	2009	1959	2167	2045	5.32	cps
Silver	107-1	2034	1800	1950	1928	6.13	cps
Sodium	23-2	3247774	3186378	3202115	3212089	0.99	cps
Strontium	86-1	431960	428071	427109	429046	0.60	cps
Strontium	88-1	3799084	3767211	3780603	3782299	0.42	cps
Sulfur	34-1	692546	699165	695347	695686	0.48	cps
Terbium	159-1	6701396	6659501	6571670	6644189	1.00	cps
Terbium	159-2	1113735	1097636	1095345	1102239	0.91	cps
Thallium	203-1	3184	2817	2292	2764	16.22	cps
Thallium	205-1	7119	6127	5610	6285	12.20	cps
Tin	118-1	1500	1400	992	1297	20.76	cps
Titanium	47-1	350	408	408	389	8.66	cps
Uranium	238-1	867	858	975	900	7.23	cps
Vanadium	51-2	87	93	73	84	12.07	cps
Yttrium	89-1	5187093	5118234	5167441	5157589	0.69	cps
Yttrium	89-2	135811	133767	134592	134723	0.76	cps
Zinc	66-2	6151	5958	5941	6017	1.94	cps
Zirconium	90-1	600	625	692	639	7.42	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:46:25	DataFile Name :	036SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	125	108	122	10.41	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : J1146-01DUP Instrumnet Name : P8
 Client Sample ID : 100G-BATHROOMDUP Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:49:34 DataFile Name : 037SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	108	158	158	31.58	cps
Antimony	121-1	2409	2992	2742	2714	10.78	cps
Arsenic	75-2	24	20	26	23	12.07	cps
Barium	135-1	89376	88378	87363	88372	1.14	cps
Barium	137-1	157201	153962	156794	155986	1.13	cps
Beryllium	9-1	244	239	278	254	8.29	cps
Bismuth	209-1	4397249	4353007	4382983	4377746	0.52	cps
Bismuth	209-2	931474	925539	925563	927525	0.37	cps
Boron	10-1	4901	5518	5176	5198	5.94	cps
Boron	11-1	25248	25039	24597	24962	1.33	cps
Cadmium	111-1	685	695	659	680	2.75	cps
Cadmium	106-1	875	875	783	845	6.27	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	560454	548059	551724	553412	1.15	cps
Calcium	44-1	9118491	9013253	9024344	9052029	0.64	cps
Chromium	52-2	420	407	397	408	2.87	cps
Cobalt	59-2	147	147	220	171	24.75	cps
Copper	63-2	1310018	1302075	1303542	1305212	0.32	cps
Dysprosium	156-1	42	83	42	56	43.30	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	100	92	58	83	26.45	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	6478180	6458310	6455259	6463917	0.19	cps
Holmium	165-2	1155542	1150680	1140756	1148993	0.66	cps
Indium	115-1	5044980	4963916	4929766	4979554	1.19	cps
Indium	115-2	183372	180889	182469	182244	0.69	cps
Iron	56-2	32099	31670	31932	31900	0.68	cps
Iron	57-2	856	856	783	832	5.02	cps
Lead	206-1	2006	1700	1745	1817	9.09	cps
Lead	207-1	1528	1617	1661	1602	4.24	cps
Lead	208-1	7629	7090	7245	7321	3.79	cps
Lithium	6-1	783369	782142	781279	782263	0.13	cps
Magnesium	24-2	244825	246027	242457	244436	0.74	cps
Manganese	55-2	2070	1964	2224	2086	6.27	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : J1146-01DUP Instrumnet Name : P8
 Client Sample ID : 100G-BATHROOMDUP Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:49:34 DataFile Name : 037SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1425	1283	1367	1358	5.24	cps
Molybdenum	95-1	2159	2167	2342	2223	4.66	cps
Molybdenum	96-1	2209	2350	2267	2275	3.13	cps
Molybdenum	97-1	1150	1275	1375	1267	8.90	cps
Molybdenum	98-1	3534	3426	3509	3490	1.63	cps
Neodymium	150-1	47	13	27	29	58.08	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1060	1080	997	1046	4.16	cps
Phosphorus	31-2	150	108	125	128	16.41	cps
Potassium	39-2	31135	31344	32021	31500	1.47	cps
Rhodium	103-1	4498154	4426318	4434988	4453153	0.88	cps
Rhodium	103-2	1058394	1036753	1037574	1044240	1.17	cps
Scandium	45-1	2583996	2553442	2535689	2557709	0.96	cps
Scandium	45-2	17805	17017	17137	17320	2.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-7	43	-42	-2	-2233.20	cps
Silicon	28-1	6565732	6540363	6486605	6530900	0.62	cps
Silver	109-1	1408	1717	1659	1595	10.27	cps
Silver	107-1	1617	1875	1617	1703	8.76	cps
Sodium	23-2	3167246	3192785	3137241	3165757	0.88	cps
Strontium	86-1	434251	433115	431869	433078	0.28	cps
Strontium	88-1	3834870	3827632	3815010	3825837	0.26	cps
Sulfur	34-1	708350	702775	701166	704097	0.54	cps
Terbium	159-1	6671933	6597203	6547751	6605629	0.95	cps
Terbium	159-2	1101570	1088819	1088024	1092805	0.70	cps
Thallium	203-1	683	742	800	742	7.86	cps
Thallium	205-1	2075	2017	2092	2061	1.91	cps
Tin	118-1	1117	1167	1250	1178	5.72	cps
Titanium	47-1	258	408	242	303	30.32	cps
Uranium	238-1	692	775	708	725	6.08	cps
Vanadium	51-2	83	73	90	82	10.20	cps
Yttrium	89-1	5182213	5098298	5074008	5118173	1.11	cps
Yttrium	89-2	133360	131516	132417	132431	0.70	cps
Zinc	66-2	5868	5985	6045	5966	1.51	cps
Zirconium	90-1	408	425	400	411	3.10	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01DUP	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:49:34	DataFile Name :	037SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	67	75	94	43.53	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	25	28	75.51	cps
Antimony	121-1	1275	1242	983	1167	13.68	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	15668	15777	16069	15838	1.31	cps
Barium	137-1	27079	27404	27513	27332	0.83	cps
Beryllium	9-1	189	161	156	169	10.60	cps
Bismuth	209-1	4124658	3798548	4111394	4011533	4.60	cps
Bismuth	209-2	892047	888354	887097	889166	0.29	cps
Boron	10-1	1525	1592	1684	1600	4.97	cps
Boron	11-1	8019	7611	8078	7903	3.22	cps
Cadmium	111-1	617	562	445	541	16.15	cps
Cadmium	106-1	800	733	625	719	12.28	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	98301	97782	99099	98394	0.67	cps
Calcium	44-1	1624633	1632548	1608694	1621958	0.75	cps
Chromium	52-2	317	240	253	270	15.17	cps
Cobalt	59-2	63	47	60	57	15.56	cps
Copper	63-2	234778	232710	234009	233832	0.45	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	33	25	33.34	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	50	67	47	44.41	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	5978534	5559178	5949466	5829059	4.02	cps
Holmium	165-2	1083937	1080267	1078001	1080735	0.28	cps
Indium	115-1	4589371	4310789	4571929	4490696	3.47	cps
Indium	115-2	172458	172483	170764	171902	0.57	cps
Iron	56-2	7241	7069	6880	7063	2.56	cps
Iron	57-2	200	217	200	206	4.68	cps
Lead	206-1	956	822	811	863	9.32	cps
Lead	207-1	750	806	756	770	3.97	cps
Lead	208-1	3517	3345	3484	3448	2.65	cps
Lithium	6-1	725830	682814	723154	710599	3.39	cps
Magnesium	24-2	42966	43794	43150	43303	1.00	cps
Manganese	55-2	400	390	370	387	3.95	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	375	358	369	2.60	cps
Molybdenum	95-1	375	517	383	425	18.70	cps
Molybdenum	96-1	608	517	558	561	8.18	cps
Molybdenum	97-1	350	367	292	336	11.72	cps
Molybdenum	98-1	675	767	792	745	8.25	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	527	503	573	534	6.67	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	7561	7352	7135	7349	2.89	cps
Rhodium	103-1	4115981	3892302	4157610	4055298	3.52	cps
Rhodium	103-2	993324	994890	991105	993106	0.19	cps
Scandium	45-1	2347391	2158765	2309860	2272005	4.39	cps
Scandium	45-2	16053	15979	15929	15987	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-73	-12	18	-22	-207.93	cps
Silicon	28-1	1444767	1460092	1452143	1452334	0.53	cps
Silver	109-1	392	400	358	383	5.75	cps
Silver	107-1	517	450	483	483	6.90	cps
Sodium	23-2	555987	556134	554413	555511	0.17	cps
Strontium	86-1	75501	75098	75979	75526	0.58	cps
Strontium	88-1	660527	660038	655579	658715	0.41	cps
Sulfur	34-1	372275	371497	374010	372594	0.35	cps
Terbium	159-1	6093627	5709759	5994176	5932521	3.36	cps
Terbium	159-2	1036149	1026753	1025260	1029387	0.57	cps
Thallium	203-1	525	458	542	508	8.67	cps
Thallium	205-1	1392	1258	1142	1264	9.90	cps
Tin	118-1	758	725	708	731	3.49	cps
Titanium	47-1	167	125	125	139	17.32	cps
Uranium	238-1	208	133	117	153	31.96	cps
Vanadium	51-2	17	37	3	19	88.83	cps
Yttrium	89-1	4670998	4322670	4662551	4552073	4.37	cps
Yttrium	89-2	124266	124293	124154	124237	0.06	cps
Zinc	66-2	1080	1167	1157	1135	4.18	cps
Zirconium	90-1	358	250	300	303	17.91	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01LX5	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOML	Dilution Factor :	5
Date & Time Acquired ::	2018-01-17 13:52:44	DataFile Name :	038SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	50	67	61	15.75	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8144	7244	7135	7508	7.38	cps
Antimony	121-1	5942529	5876033	5840080	5886214	0.88	cps
Arsenic	75-2	57657	57936	57610	57734	0.30	cps
Barium	135-1	436667	433702	432848	434406	0.46	cps
Barium	137-1	766672	761113	760847	762877	0.43	cps
Beryllium	9-1	172454	172431	169430	171438	1.01	cps
Bismuth	209-1	4382601	4421483	4376202	4393429	0.56	cps
Bismuth	209-2	924392	920136	923714	922747	0.25	cps
Boron	10-1	31794	33306	33448	32850	2.79	cps
Boron	11-1	146877	152611	154280	151256	2.57	cps
Cadmium	111-1	333234	331918	326685	330612	1.05	cps
Cadmium	106-1	30001	30778	29074	29951	2.85	cps
Cadmium	108-1	21718	22139	21897	21918	0.97	cps
Calcium	43-1	558648	553434	554756	555613	0.49	cps
Calcium	44-1	9069109	9005077	8954028	9009405	0.64	cps
Chromium	52-2	219283	216991	216376	217550	0.70	cps
Cobalt	59-2	246514	244541	245068	245374	0.42	cps
Copper	63-2	1611887	1617981	1602061	1610643	0.50	cps
Dysprosium	156-1	270048	267959	271586	269865	0.67	cps
Dysprosium	156-2	4784	4854	4788	4809	0.82	cps
Erbium	164-1	108	100	133	114	15.23	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	133	242	175	183	29.81	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	6499559	6450452	6479374	6476462	0.38	cps
Holmium	165-2	1139024	1137833	1133040	1136632	0.28	cps
Indium	115-1	4839803	4856792	4826802	4841132	0.31	cps
Indium	115-2	173682	172742	172808	173077	0.30	cps
Iron	56-2	1149675	1141201	1138516	1143131	0.51	cps
Iron	57-2	28825	29794	28691	29103	2.07	cps
Lead	206-1	5680860	5636692	5587120	5634891	0.83	cps
Lead	207-1	5129596	5141339	5068577	5113171	0.76	cps
Lead	208-1	23072678	22949935	22807699	22943438	0.58	cps
Lithium	6-1	777463	778758	775317	777179	0.22	cps
Magnesium	24-2	269986	271613	264517	268705	1.38	cps
Manganese	55-2	32775	32314	32378	32489	0.77	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	734452	722070	724663	727062	0.90	cps
Molybdenum	95-1	1299705	1285342	1283773	1289606	0.68	cps
Molybdenum	96-1	1439221	1416561	1372683	1409488	2.40	cps
Molybdenum	97-1	804748	797413	792933	798364	0.75	cps
Molybdenum	98-1	2117849	2116309	2111258	2115139	0.16	cps
Neodymium	150-1	40	33	67	47	37.80	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	181033	179037	180051	180040	0.55	cps
Phosphorus	31-2	1942	1684	1817	1814	7.12	cps
Potassium	39-2	132199	133199	130996	132131	0.83	cps
Rhodium	103-1	4379185	4327824	4381130	4362713	0.69	cps
Rhodium	103-2	1033472	1020853	1024437	1026254	0.63	cps
Scandium	45-1	2516747	2516058	2470879	2501228	1.05	cps
Scandium	45-2	16149	16500	16470	16373	1.19	cps
Selenium	77-2	1003	920	910	944	5.43	cps
Selenium	78-2	3302	3371	3247	3307	1.88	cps
Selenium	82-1	204748	203829	201590	203389	0.80	cps
Silicon	28-1	8674148	8744173	8554768	8657696	1.11	cps
Silver	109-1	572564	573149	564828	570180	0.81	cps
Silver	107-1	602592	600224	593599	598805	0.78	cps
Sodium	23-2	3110571	3134131	3106112	3116938	0.48	cps
Strontium	86-1	832248	827710	820402	826787	0.72	cps
Strontium	88-1	7250169	7168946	7163431	7194182	0.68	cps
Sulfur	34-1	682527	675968	670306	676267	0.90	cps
Terbium	159-1	6716689	6571002	6547517	6611736	1.39	cps
Terbium	159-2	1093732	1082032	1074599	1083454	0.89	cps
Thallium	203-1	13809544	13726660	13537309	13691171	1.02	cps
Thallium	205-1	33045061	32950430	32707576	32901022	0.53	cps
Tin	118-1	3910042	3832051	3850227	3864107	1.06	cps
Titanium	47-1	155176	154942	150509	153542	1.71	cps
Uranium	238-1	650	725	658	678	6.07	cps
Vanadium	51-2	124093	122957	120741	122597	1.39	cps
Yttrium	89-1	5028611	5010039	5078272	5038974	0.70	cps
Yttrium	89-2	129786	127572	127824	128394	0.94	cps
Zinc	66-2	24879	24602	24465	24649	0.86	cps
Zirconium	90-1	2642	2859	2317	2606	10.46	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MS	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:55:55	DataFile Name :	039SMPL_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	950	1000	931	8.70	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : J1146-01MSD Instrumnet Name : P8
 Client Sample ID : 100G-BATHROOMMSD Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 13:59:02 DataFile Name : 040CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7702	7319	6935	7319	5.24	cps
Antimony	121-1	5930909	5887956	5797429	5872098	1.16	cps
Arsenic	75-2	57298	57368	56619	57095	0.72	cps
Barium	135-1	437818	432531	433083	434477	0.67	cps
Barium	137-1	764220	759862	753933	759338	0.68	cps
Beryllium	9-1	171008	168543	169266	169606	0.75	cps
Bismuth	209-1	4397858	4416469	4347026	4387117	0.82	cps
Bismuth	209-2	925015	917625	909916	917519	0.82	cps
Boron	10-1	32980	32413	33240	32878	1.29	cps
Boron	11-1	151104	155819	156181	154368	1.84	cps
Cadmium	111-1	336171	333076	329871	333040	0.95	cps
Cadmium	106-1	30368	30419	29425	30071	1.86	cps
Cadmium	108-1	21705	21150	21459	21438	1.30	cps
Calcium	43-1	540299	537910	539206	539138	0.22	cps
Calcium	44-1	8836205	8767504	8780322	8794677	0.42	cps
Chromium	52-2	215938	216102	215228	215756	0.22	cps
Cobalt	59-2	243996	242814	242096	242969	0.39	cps
Copper	63-2	1564143	1577777	1553341	1565087	0.78	cps
Dysprosium	156-1	272086	271353	264858	269432	1.48	cps
Dysprosium	156-2	4668	4711	4831	4736	1.79	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	20	27	7	18	57.27	cps
Gadolinium	160-1	150	133	92	125	24.04	cps
Gadolinium	160-2	23	20	20	21	9.11	cps
Holmium	165-1	6510502	6444227	6319197	6424642	1.51	cps
Holmium	165-2	1131190	1126728	1125122	1127680	0.28	cps
Indium	115-1	4809804	4790734	4755205	4785248	0.58	cps
Indium	115-2	168117	170814	170025	169652	0.82	cps
Iron	56-2	1131672	1124108	1121065	1125615	0.49	cps
Iron	57-2	28930	28429	28869	28743	0.95	cps
Lead	206-1	5745558	5692196	5694739	5710831	0.53	cps
Lead	207-1	5196060	5156381	5091320	5147920	1.03	cps
Lead	208-1	23231480	23188576	23109740	23176599	0.27	cps
Lithium	6-1	768479	769191	765356	767675	0.27	cps
Magnesium	24-2	261113	260616	262192	261307	0.31	cps
Manganese	55-2	31970	32491	32064	32175	0.86	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MSD	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:59:02	DataFile Name :	040CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	727844	731215	721152	726737	0.70	cps
Molybdenum	95-1	1281302	1277080	1268924	1275768	0.49	cps
Molybdenum	96-1	1373462	1372298	1369815	1371858	0.14	cps
Molybdenum	97-1	800806	792356	792173	795112	0.62	cps
Molybdenum	98-1	2131548	2098872	2110853	2113758	0.78	cps
Neodymium	150-1	40	47	73	53	33.08	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	178132	179058	176594	177928	0.70	cps
Phosphorus	31-2	1542	1634	1917	1697	11.52	cps
Potassium	39-2	129912	131223	130062	130399	0.55	cps
Rhodium	103-1	4384604	4371184	4337237	4364342	0.56	cps
Rhodium	103-2	1015859	1014478	1015096	1015145	0.07	cps
Scandium	45-1	2448087	2439326	2424381	2437265	0.49	cps
Scandium	45-2	15909	16296	16136	16114	1.21	cps
Selenium	77-2	1030	963	963	986	3.91	cps
Selenium	78-2	3417	3226	3236	3293	3.27	cps
Selenium	82-1	203188	203140	201889	202739	0.36	cps
Silicon	28-1	8568155	8451460	8336674	8452096	1.37	cps
Silver	109-1	573419	577412	568908	573246	0.74	cps
Silver	107-1	598188	597396	591946	595843	0.57	cps
Sodium	23-2	3048343	3036825	3048785	3044651	0.22	cps
Strontium	86-1	821202	815153	816709	817688	0.38	cps
Strontium	88-1	7133829	7142821	7131791	7136147	0.08	cps
Sulfur	34-1	653250	651451	652003	652235	0.14	cps
Terbium	159-1	6536386	6559204	6536531	6544040	0.20	cps
Terbium	159-2	1078835	1072031	1074030	1074965	0.33	cps
Thallium	203-1	13821036	13883758	13797066	13833953	0.32	cps
Thallium	205-1	33246524	33467116	32987241	33233627	0.72	cps
Tin	118-1	3909934	3909977	3854049	3891320	0.83	cps
Titanium	47-1	152868	153145	151882	152632	0.44	cps
Uranium	238-1	667	575	425	556	21.96	cps
Vanadium	51-2	122705	119877	120798	121127	1.19	cps
Yttrium	89-1	5003684	4933925	4960600	4966070	0.71	cps
Yttrium	89-2	127451	126838	125450	126580	0.81	cps
Zinc	66-2	24696	24165	24308	24389	1.13	cps
Zirconium	90-1	2759	2792	3025	2859	5.08	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01MSD	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 13:59:02	DataFile Name :	040CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1058	917	1011	8.09	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7135	7277	7336	7249	1.42	cps
Antimony	121-1	5797278	5825830	5767145	5796751	0.51	cps
Arsenic	75-2	56091	55779	55398	55756	0.62	cps
Barium	135-1	431160	426168	423165	426831	0.95	cps
Barium	137-1	748056	749187	744328	747191	0.34	cps
Beryllium	9-1	166304	167428	167232	166988	0.36	cps
Bismuth	209-1	4354069	4366306	4373301	4364559	0.22	cps
Bismuth	209-2	909305	907330	812952	876529	6.28	cps
Boron	10-1	32062	33181	33064	32769	1.88	cps
Boron	11-1	147442	152242	153218	150967	2.05	cps
Cadmium	111-1	326884	327342	326954	327060	0.08	cps
Cadmium	106-1	30068	29826	29591	29828	0.80	cps
Cadmium	108-1	21835	21192	21300	21442	1.60	cps
Calcium	43-1	536820	532964	530237	533340	0.62	cps
Calcium	44-1	8685489	8644317	8585379	8638395	0.58	cps
Chromium	52-2	209269	206790	207811	207957	0.60	cps
Cobalt	59-2	237544	234187	235563	235765	0.72	cps
Copper	63-2	1523982	1510577	1531697	1522085	0.70	cps
Dysprosium	156-1	265199	266613	269084	266965	0.74	cps
Dysprosium	156-2	4908	4778	4814	4833	1.39	cps
Erbium	164-1	108	83	83	92	15.74	cps
Erbium	164-2	23	23	10	19	40.75	cps
Gadolinium	160-1	217	142	142	167	25.98	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	6445611	6348298	6306633	6366848	1.12	cps
Holmium	165-2	1114145	1111344	994739	1073409	6.35	cps
Indium	115-1	4754675	4713626	4760009	4742770	0.54	cps
Indium	115-2	167042	166322	147879	160414	6.77	cps
Iron	56-2	1103298	1096069	1087651	1095673	0.71	cps
Iron	57-2	27968	27600	28212	27927	1.10	cps
Lead	206-1	5647451	5634938	5566013	5616134	0.78	cps
Lead	207-1	5084794	5125157	5153921	5121291	0.68	cps
Lead	208-1	22872998	23002680	22937753	22937810	0.28	cps
Lithium	6-1	764679	762862	760248	762597	0.29	cps
Magnesium	24-2	254299	254575	253292	254055	0.27	cps
Manganese	55-2	31088	31218	31235	31180	0.26	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	716387	716447	710548	714461	0.47	cps
Molybdenum	95-1	1253916	1254007	1254415	1254113	0.02	cps
Molybdenum	96-1	1345197	1346562	1347278	1346346	0.08	cps
Molybdenum	97-1	784767	786111	778679	783186	0.51	cps
Molybdenum	98-1	2093897	2127801	2068133	2096610	1.43	cps
Neodymium	150-1	53	60	67	60	11.11	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	175240	171703	172794	173245	1.05	cps
Phosphorus	31-2	1475	1792	1600	1622	9.83	cps
Potassium	39-2	125925	125741	124816	125494	0.47	cps
Rhodium	103-1	4287852	4312715	4308156	4302908	0.31	cps
Rhodium	103-2	995583	991461	883877	956974	6.62	cps
Scandium	45-1	2434864	2409376	2432427	2425556	0.58	cps
Scandium	45-2	15595	15392	13437	14808	8.05	cps
Selenium	77-2	1167	960	860	996	15.71	cps
Selenium	78-2	3195	3128	3156	3160	1.06	cps
Selenium	82-1	201094	199177	198872	199714	0.60	cps
Silicon	28-1	8292805	8275107	8222157	8263356	0.44	cps
Silver	109-1	567630	562774	560327	563577	0.66	cps
Silver	107-1	585474	590874	587018	587788	0.47	cps
Sodium	23-2	2959812	2978209	2951944	2963322	0.45	cps
Strontium	86-1	810894	801830	804813	805845	0.57	cps
Strontium	88-1	7088818	7040288	7064457	7064521	0.34	cps
Sulfur	34-1	651361	647373	641986	646907	0.73	cps
Terbium	159-1	6523241	6502438	6495070	6506917	0.22	cps
Terbium	159-2	1066282	1053846	946012	1022047	6.47	cps
Thallium	203-1	13651354	13621521	13581983	13618286	0.26	cps
Thallium	205-1	32883139	32867892	32392812	32714615	0.85	cps
Tin	118-1	3807881	3833006	3800541	3813809	0.45	cps
Titanium	47-1	150206	150981	148100	149762	1.00	cps
Uranium	238-1	817	742	717	758	6.86	cps
Vanadium	51-2	117403	118153	116883	117480	0.54	cps
Yttrium	89-1	4884729	4944222	4825691	4884880	1.21	cps
Yttrium	89-2	124403	122243	109154	118600	6.96	cps
Zinc	66-2	24084	23934	24295	24105	0.75	cps
Zirconium	90-1	1692	1892	1750	1778	5.79	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	J1146-01A	Instrumnet Name :	P8
Client Sample ID :	100G-BATHROOMA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:02:08	DataFile Name :	041LCS6_P8011718MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	692	833	758	9.39	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167014	163117	166676	165602	1.30	cps
Antimony	121-1	3478012	3454966	3458623	3463867	0.36	cps
Arsenic	75-2	30662	30703	30673	30679	0.07	cps
Barium	135-1	3694773	3684705	3725758	3701745	0.58	cps
Barium	137-1	6388260	6328859	6398143	6371754	0.59	cps
Beryllium	9-1	358635	353920	354927	355827	0.70	cps
Bismuth	209-1	3852054	3842719	3813220	3835998	0.53	cps
Bismuth	209-2	817415	820828	819967	819403	0.22	cps
Boron	10-1	39631	40884	41553	40689	2.40	cps
Boron	11-1	190597	190853	195918	192456	1.56	cps
Cadmium	111-1	674591	681271	680962	678941	0.56	cps
Cadmium	106-1	69379	69588	71841	70270	1.94	cps
Cadmium	108-1	49206	47897	48755	48620	1.37	cps
Calcium	43-1	3164519	3156369	3145363	3155417	0.30	cps
Calcium	44-1	50729064	50810505	51069993	50869854	0.35	cps
Chromium	52-2	232329	231414	234935	232892	0.78	cps
Cobalt	59-2	505478	506997	507237	506571	0.19	cps
Copper	63-2	871761	870479	873461	871900	0.17	cps
Dysprosium	156-1	58	83	108	83	30.00	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	42	33	42	39	12.37	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	5726414	5734407	5692280	5717700	0.39	cps
Holmium	165-2	1034536	1045501	1047158	1042398	0.66	cps
Indium	115-1	4210085	4201087	4197480	4202884	0.15	cps
Indium	115-2	155162	155463	156004	155543	0.27	cps
Iron	56-2	38588276	38635655	39000906	38741612	0.58	cps
Iron	57-2	968407	963696	972175	968093	0.44	cps
Lead	206-1	2398757	2401839	2392204	2397600	0.21	cps
Lead	207-1	2236181	2219649	2210016	2221949	0.60	cps
Lead	208-1	9867805	9851361	9823451	9847539	0.23	cps
Lithium	6-1	672710	671982	676461	673718	0.36	cps
Magnesium	24-2	3918441	3912957	3948148	3926515	0.48	cps
Manganese	55-2	130832	131556	132170	131520	0.51	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5583006	5563690	5571077	5572591	0.17	cps
Molybdenum	95-1	6746907	6826125	6838054	6803695	0.73	cps
Molybdenum	96-1	7633579	7615854	7648005	7632479	0.21	cps
Molybdenum	97-1	4268965	4245879	4263726	4259523	0.28	cps
Molybdenum	98-1	11042283	10945171	11001637	10996364	0.44	cps
Neodymium	150-1	180	253	167	200	23.34	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	146619	148081	147582	147427	0.50	cps
Phosphorus	31-2	2367	2442	2409	2406	1.56	cps
Potassium	39-2	1093879	1092908	1091794	1092860	0.10	cps
Rhodium	103-1	3736794	3772844	3756046	3755228	0.48	cps
Rhodium	103-2	885314	898619	894652	892862	0.77	cps
Scandium	45-1	2184365	2195029	2201024	2193473	0.38	cps
Scandium	45-2	14601	15015	14835	14817	1.40	cps
Selenium	77-2	237	167	190	198	18.02	cps
Selenium	78-2	659	756	752	722	7.55	cps
Selenium	82-1	41243	41744	40963	41316	0.96	cps
Silicon	28-1	1455549	1463483	1471849	1463627	0.56	cps
Silver	109-1	3182966	3252217	3227872	3221018	1.09	cps
Silver	107-1	3381034	3356362	3381233	3372876	0.42	cps
Sodium	23-2	9115407	9191378	9263123	9189970	0.80	cps
Strontium	86-1	876750	877501	879826	878026	0.18	cps
Strontium	88-1	7792254	7744404	7678083	7738247	0.74	cps
Sulfur	34-1	458170	455595	457637	457134	0.30	cps
Terbium	159-1	5876905	5895293	5835645	5869281	0.52	cps
Terbium	159-2	988818	992054	996857	992576	0.41	cps
Thallium	203-1	2942657	2911449	2932422	2928843	0.54	cps
Thallium	205-1	6913121	6914999	7006595	6944905	0.77	cps
Tin	118-1	2316874	2326292	2327059	2323408	0.24	cps
Titanium	47-1	1606700	1613232	1587983	1602638	0.82	cps
Uranium	238-1	10183748	10156163	10140990	10160300	0.21	cps
Vanadium	51-2	175088	175581	178751	176473	1.13	cps
Yttrium	89-1	4440534	4449587	4460449	4450190	0.22	cps
Yttrium	89-2	115873	116428	115991	116097	0.25	cps
Zinc	66-2	78209	78272	78671	78384	0.32	cps
Zirconium	90-1	4642455	4650662	4658272	4650463	0.17	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:19:47	DataFile Name :	042CCV_P8011718MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025804	1026034	1028132	1026657	0.12	cps

LB Number : LB92666 Operator : Jaswal
 Lab Sample ID : CCB026 Instrumnet Name : P8
 Client Sample ID : CCB026 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-17 14:27:29 DataFile Name : 043CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	25	8	173.21	cps
Antimony	121-1	1725	1709	1458	1631	9.16	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	117	58	75	83	36.05	cps
Barium	137-1	142	117	108	122	14.19	cps
Beryllium	9-1	228	206	211	215	5.39	cps
Bismuth	209-1	4089130	4102477	4124347	4105318	0.43	cps
Bismuth	209-2	891842	891185	878544	887190	0.84	cps
Boron	10-1	858	983	775	872	12.02	cps
Boron	11-1	3942	3759	4009	3903	3.32	cps
Cadmium	111-1	506	553	606	555	9.02	cps
Cadmium	106-1	683	758	808	750	8.39	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	658	575	608	614	6.83	cps
Calcium	44-1	12623	13315	12965	12968	2.67	cps
Chromium	52-2	203	210	160	191	14.21	cps
Cobalt	59-2	23	50	43	39	35.69	cps
Copper	63-2	153	213	127	164	26.99	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	58	42	44	28.64	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	8	42	22	78.07	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	5930215	5937229	5885375	5917606	0.48	cps
Holmium	165-2	1075372	1067990	1052171	1065178	1.11	cps
Indium	115-1	4512618	4512498	4495247	4506787	0.22	cps
Indium	115-2	169258	167713	166360	167777	0.86	cps
Iron	56-2	2022	2011	2289	2108	7.46	cps
Iron	57-2	50	50	50	50	0.00	cps
Lead	206-1	806	795	772	791	2.15	cps
Lead	207-1	861	694	733	763	11.43	cps
Lead	208-1	3467	3100	3317	3295	5.60	cps
Lithium	6-1	716690	719510	716934	717712	0.22	cps
Magnesium	24-2	325	283	267	292	10.30	cps
Manganese	55-2	10	13	30	18	60.28	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:27:29	DataFile Name :	043CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	308	267	275	10.93	cps
Molybdenum	95-1	158	208	233	200	19.10	cps
Molybdenum	96-1	258	250	275	261	4.87	cps
Molybdenum	97-1	92	225	133	150	45.47	cps
Molybdenum	98-1	333	408	325	356	12.91	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	493	520	520	511	3.01	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1934	1900	1734	1856	5.77	cps
Rhodium	103-1	4081609	4130357	4099130	4103698	0.60	cps
Rhodium	103-2	980894	977708	963973	974192	0.92	cps
Scandium	45-1	2230303	2273355	2247298	2250319	0.96	cps
Scandium	45-2	15168	15178	15095	15147	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-20	-13	41	3	1252.18	cps
Silicon	28-1	300617	302288	302139	301682	0.31	cps
Silver	109-1	142	175	150	156	11.15	cps
Silver	107-1	258	167	183	203	24.08	cps
Sodium	23-2	8119	7352	7594	7689	5.10	cps
Strontium	86-1	558	408	408	458	18.90	cps
Strontium	88-1	550	417	342	436	24.20	cps
Sulfur	34-1	294705	292749	293610	293688	0.33	cps
Terbium	159-1	5977147	6007410	6021591	6002049	0.38	cps
Terbium	159-2	1023273	1018952	1008992	1017072	0.72	cps
Thallium	203-1	1017	892	900	936	7.47	cps
Thallium	205-1	1884	2109	2050	2014	5.80	cps
Tin	118-1	500	1101	633	745	42.35	cps
Titanium	47-1	167	100	158	142	25.64	cps
Uranium	238-1	225	275	158	219	26.67	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	4571442	4605220	4513061	4563241	1.02	cps
Yttrium	89-2	122857	120815	118518	120730	1.80	cps
Zinc	66-2	33	33	57	41	32.78	cps
Zirconium	90-1	408	492	500	467	10.86	cps

LB Number :	LB92666	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-01-17 14:27:29	DataFile Name :	043CCBE_P8011718MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	42	92	83	45.82	cps