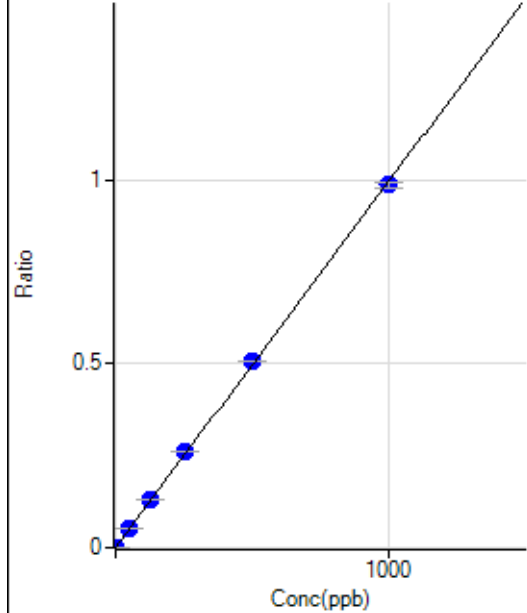


Batch Folder: D:\P8103117-MS .b\
Analysis File: P8103117-MS .batch.bin
DA Date-Time: 2017-10-31 21:30:00
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8103117-MS.D	S00	2017-10-31 13:52:14
2			
3	005CALS P8103117-MS.D	S02	2017-10-31 13:59:30
4	006CALS P8103117-MS.D	S03	2017-10-31 14:03:03
5	007CALS P8103117-MS.D	S04	2017-10-31 14:06:33
6	008CALS P8103117-MS.D	S05	2017-10-31 14:10:04
7	009CALS P8103117-MS.D	S06	2017-10-31 14:13:25
8	010CALS P8103117-MS.D	S07	2017-10-31 14:16:42
9	011CALS P8103117-MS.D	S08	2017-10-31 14:19:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0000	P	40.6
2	☐	0.100					
3	☐	1.000	1.007	911.17	0.0010	P	6.9
4	☐	50.000	54.293	47255.88	0.0540	P	1.9
5	☐	125.000	131.844	114940.91	0.1311	P	1.4
6	☐	250.000	261.431	233031.93	0.2598	P	0.6
7	☐	500.000	509.049	448029.52	0.5059	P	0.6
8	☐	1000.000	991.548	857062.97	0.9854	P	1.4
9	☐			275.94	0.0003	P	12.0

$$y = 9.9380E-004 * x + 3.5152E-005$$

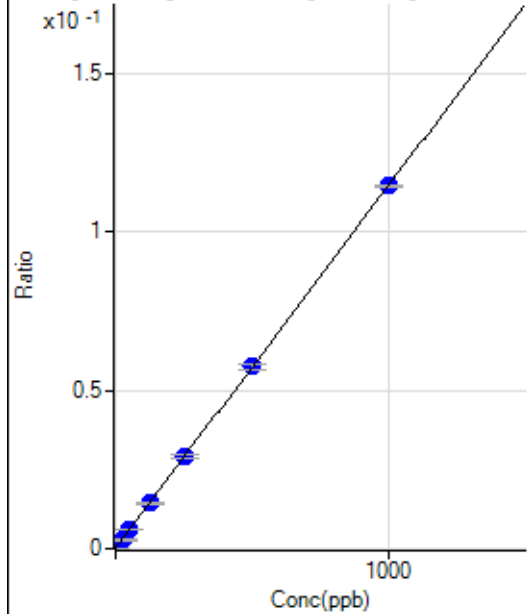
$$R = 0.9999$$

$$DL = 0.04312$$

$$BEC = 0.03537$$

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	116.67	0.0001	P	28.3
2	☐	2.500					
3	☐	25.000	23.503	2483.67	0.0028	P	8.6
4	☐	50.000	52.655	5398.49	0.0062	P	4.7
5	☐	125.000	125.142	12697.81	0.0145	P	2.9
6	☐	250.000	252.223	26046.73	0.0290	P	4.2
7	☐	500.000	500.600	50941.60	0.0575	P	3.0
8	☐	1000.000	999.031	99734.20	0.1147	P	0.4
9	☐			4442.52	0.0050	P	11.5

$$y = 1.1464E-004 * x + 1.3089E-004$$

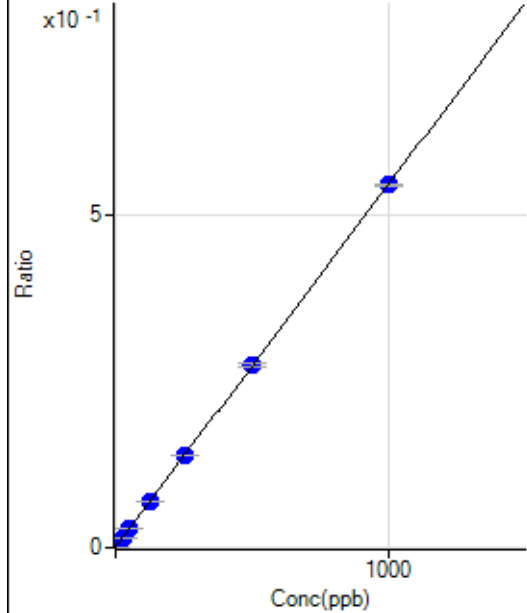
$$R = 1.0000$$

$$DL = 0.968$$

$$BEC = 1.142$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.71	0.0007	P	23.4
2	☐	2.500					
3	☐	25.000	23.394	11788.68	0.0134	P	4.7
4	☐	50.000	51.390	25086.64	0.0287	P	1.8
5	☐	125.000	125.594	60595.93	0.0691	P	1.0
6	☐	250.000	253.927	124668.15	0.1390	P	1.0
7	☐	500.000	501.057	242356.95	0.2737	P	1.7
8	☐	1000.000	998.386	473784.56	0.5446	P	0.7
9	☐			20854.83	0.0237	P	6.7

$$y = 5.4486\text{E-}004 * x + 6.6023\text{E-}004$$

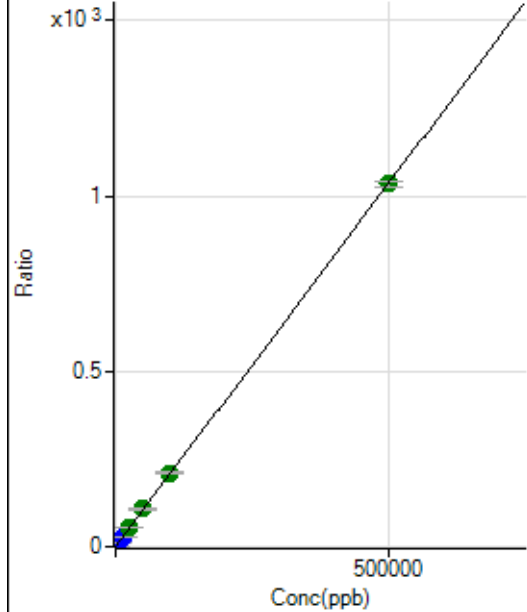
$$R = 1.0000$$

$$DL = 0.8497$$

$$BEC = 1.212$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3119.93	0.1166	P	3.4
2	☐	50.000					
3	☐	500.000	472.230	27981.16	1.0939	P	1.1
4	☐	5000.000	5243.876	272245.34	10.9686	P	1.0
5	☐	12500.000	12731.608	655543.41	26.4641	P	0.9
6	☐	25000.000	25382.124	1322793.36	52.6437	A	1.1
7	☐	50000.000	52126.396	2415689.86	107.9897	A	2.4
8	☐	100000.00	101293.59	4503916.81	209.7389	A	1.2
9	☐	500000.00	499501.33	24734378.68	1,033.810	A	1.6

$$y = 0.0021 * x + 0.1166$$

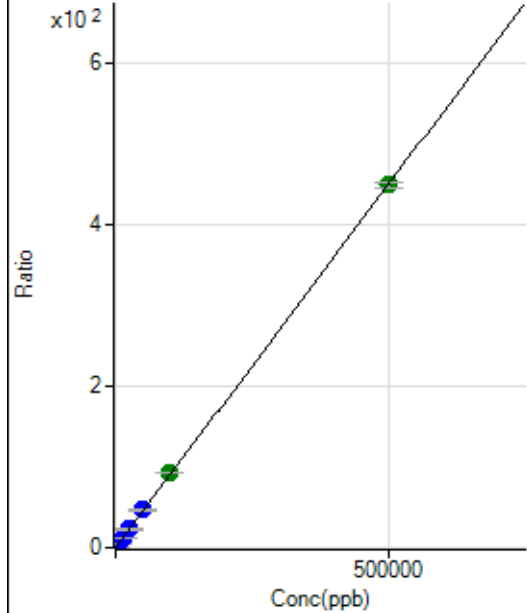
$$R = 1.0000$$

$$DL = 5.722$$

$$BEC = 56.36$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0037	P	41.9
2	☐	50.000					
3	☐	500.000	481.385	11193.68	0.4376	P	2.1
4	☐	5000.000	5289.211	118417.86	4.7707	P	0.3
5	☐	12500.000	12734.151	284387.98	11.4805	P	0.7
6	☐	25000.000	25140.346	569431.29	22.6617	P	1.3
7	☐	50000.000	51821.215	1044899.35	46.7080	P	1.9
8	☐	100000.00	103291.87	1999007.94	93.0963	A	2.2
9	☐	500000.00	499143.76	10763275.94	449.8608	A	1.2

$$y = 9.0126\text{E-}004 * x + 0.0037$$

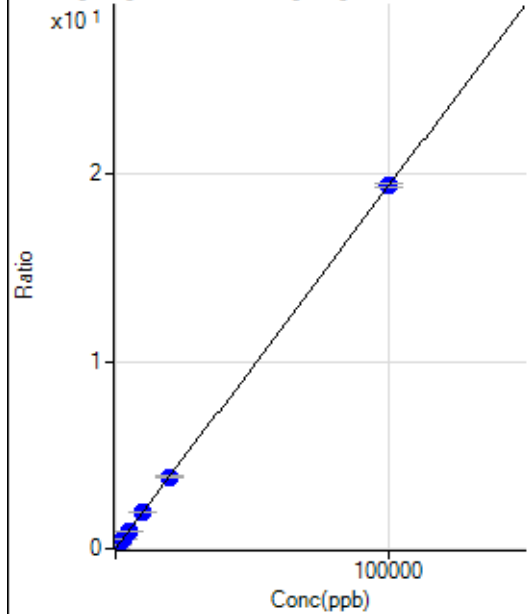
$$R = 1.0000$$

$$DL = 5.204$$

$$BEC = 4.135$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0002	P	86.6
2	☐	2.000					
3	☐	20.000	22.485	116.67	0.0046	P	6.7
4	☐	1000.000	999.528	4806.60	0.1936	P	1.6
5	☐	2500.000	2510.115	12036.13	0.4859	P	2.5
6	☐	5000.000	4882.663	23745.88	0.9450	P	3.2
7	☐	10000.000	10057.602	43542.72	1.9464	P	1.8
8	☐	20000.000	19686.173	81810.73	3.8096	P	2.5
9	☐	100000.00	100062.62	463282.75	19.3630	P	0.9

$$y = 1.9351\text{E-}004 * x + 2.0915\text{E-}004$$

$$R = 1.0000$$

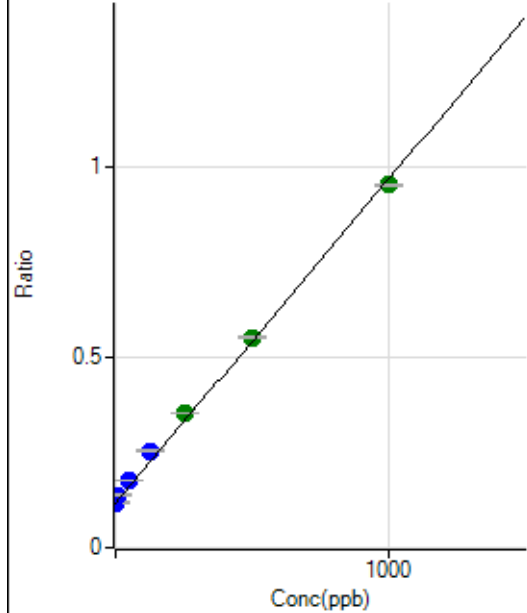
$$DL = 2.809$$

$$BEC = 1.081$$

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	381850.17	0.1172	P	2.9
2	☐	1.000					
3	☐	10.000	24.512	433743.36	0.1380	P	1.0
4	☐	50.000	72.003	557793.89	0.1784	P	0.6
5	☐	125.000	160.992	793855.52	0.2540	P	0.8
6	☐	250.000	277.187	1117234.15	0.3527	A	0.8
7	☐	500.000	510.911	1718434.44	0.5513	A	0.8
8	☐	1000.000	982.003	2875308.70	0.9515	A	0.7
9	☐			560328.55	0.1782	P	1.8

$$y = 8.4960E-004 * x + 0.1172$$

$$R = 0.9992$$

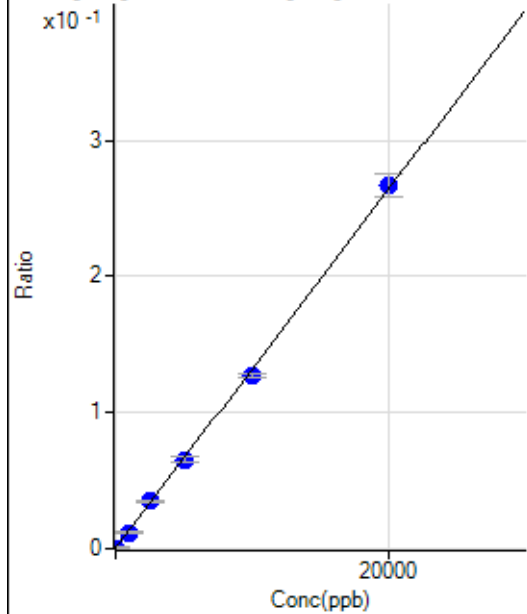
$$DL = 11.83$$

$$BEC = 137.9$$

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	-16.547	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	16.547	13.89	0.0005	P	68.9
4	☐	1000.000	849.624	286.13	0.0115	P	11.2
5	☐	2500.000	2623.081	863.96	0.0349	P	6.2
6	☐	5000.000	4952.057	1647.40	0.0656	P	7.6
7	☐	10000.000	9604.405	2839.29	0.1269	P	2.4
8	☐	20000.000	20201.917	5720.86	0.2665	P	6.2
9	☐			8.33	0.0003	P	100.

$$y = 1.3177E-005 * x + 3.2379E-004$$

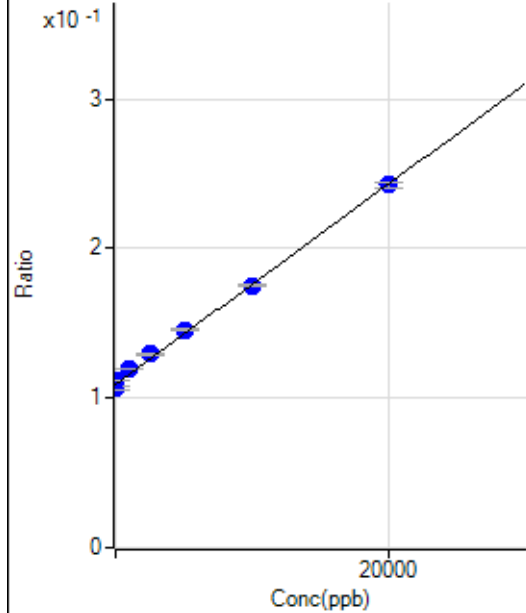
$$R = 0.9997$$

$$DL = 63.32$$

$$BEC = 24.57$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-422.716	346563.56	0.1063	P	2.5
2	☐	0.000					
3	☐	0.000	422.716	352060.53	0.1120	P	0.5
4	☐	1000.000	1598.331	374963.55	0.1199	P	0.3
5	☐	2500.000	3022.076	404608.14	0.1294	P	0.9
6	☐	5000.000	5396.289	460442.82	0.1454	P	1.0
7	☐	10000.000	9835.533	545851.96	0.1751	P	0.5
8	☐	20000.000	19887.985	732717.67	0.2425	P	1.5
9	☐			314929.14	0.1002	P	0.8

$$y = 6.7028\text{E-}006 * x + 0.1092$$

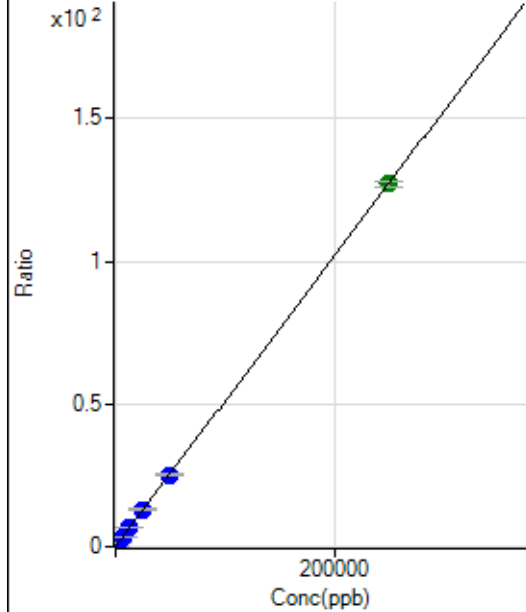
$$R = 0.9987$$

$$DL = 716.1$$

$$BEC = 1.629\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2300.30	0.0860	P	3.7
2	☐	50.000					
3	☐	500.000	466.430	8263.93	0.3230	P	1.6
4	☐	2500.000	2683.426	35985.87	1.4498	P	2.5
5	☐	6250.000	6415.568	82896.78	3.3466	P	1.6
6	☐	12500.000	12519.217	162028.91	6.4486	P	1.0
7	☐	25000.000	25511.909	291986.64	13.0518	P	2.4
8	☐	50000.000	49489.642	541953.06	25.2379	P	1.3
9	☐	250000.00	250044.01	3042508.18	127.1649	A	1.3

$$y = 5.0823\text{E-}004 * x + 0.0860$$

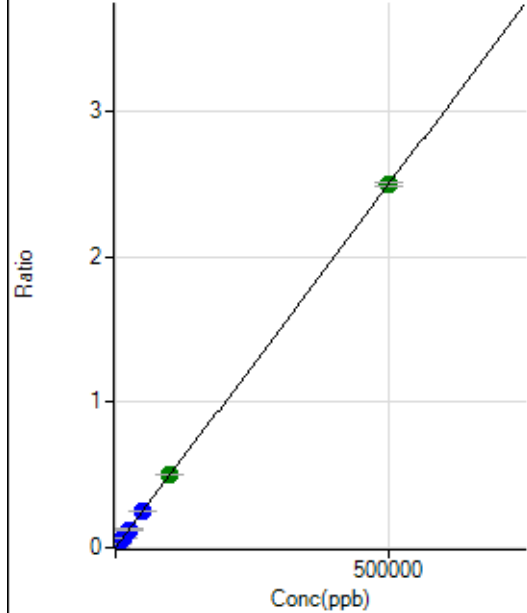
$$R = 1.0000$$

$$DL = 18.6$$

$$BEC = 169.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1500.15	0.0005	P	11.6
2	☐	50.000					
3	☐	500.000	431.154	8208.32	0.0026	P	2.1
4	☐	5000.000	5058.049	80347.02	0.0257	P	0.7
5	☐	12500.000	12429.323	195233.62	0.0625	P	1.3
6	☐	25000.000	25049.010	397271.75	0.1254	P	0.3
7	☐	50000.000	50216.990	782271.80	0.2509	P	0.5
8	☐	100000.00	101374.80	1529397.72	0.5061	A	1.0
9	☐	500000.00	499702.14	7838319.36	2.4930	A	0.9

$$y = 4.9880E-006 * x + 4.6096E-004$$

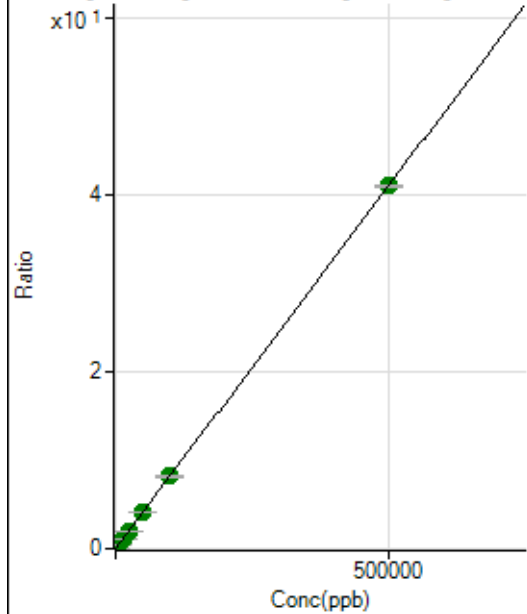
$$R = 1.0000$$

$$DL = 32.27$$

$$BEC = 92.41$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12864.78	0.0039	P	2.3
2	☐	50.000					
3	☐	500.000	436.492	124840.76	0.0397	P	0.5
4	☐	5000.000	5059.148	1309121.71	0.4186	A	0.3
5	☐	12500.000	12370.929	3181702.89	1.0179	A	1.0
6	☐	25000.000	24978.260	6497619.85	2.0511	A	0.8
7	☐	50000.000	49907.329	12763327.71	4.0943	A	0.5
8	☐	100000.00	99932.367	24760977.98	8.1943	A	1.3
9	☐	500000.00	500026.58	128868194.5	40.9858	A	0.5

$$y = 8.1959E-005 * x + 0.0039$$

$$R = 1.0000$$

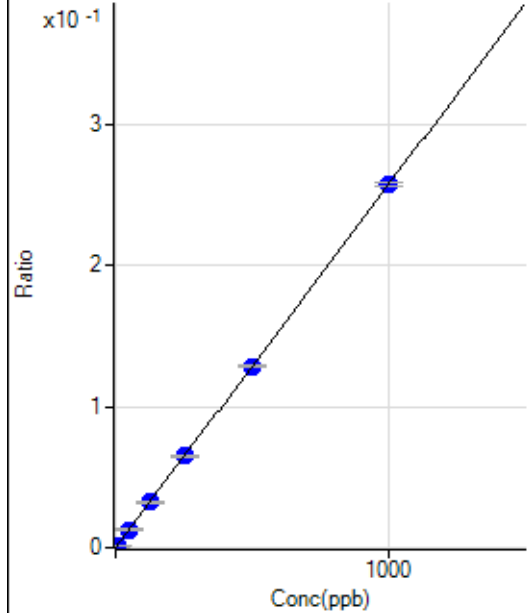
$$DL = 3.352$$

$$BEC = 48.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0000	P	31.7
2	☐	0.500					
3	☐	5.000	4.544	3775.68	0.0012	P	2.4
4	☐	50.000	50.127	40487.44	0.0129	P	0.6
5	☐	125.000	124.636	100473.24	0.0321	P	1.4
6	☐	250.000	251.942	205717.89	0.0649	P	1.8
7	☐	500.000	500.020	401685.82	0.1289	P	1.2
8	☐	1000.000	999.546	778289.22	0.2576	P	1.2
9	☐			463.92	0.0001	P	17.3

$$y = 2.5765E-004 * x + 3.0789E-005$$

$$R = 1.0000$$

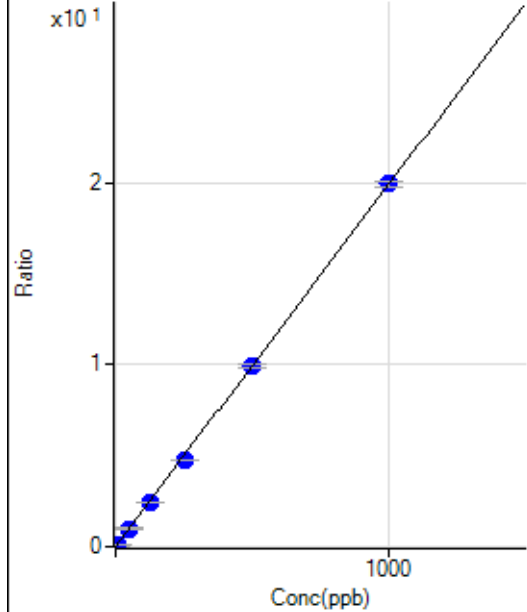
$$DL = 0.1138$$

$$BEC = 0.1195$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0003	P	56.8
2	☐	0.500					
3	☐	5.000	4.538	2319.13	0.0907	P	4.9
4	☐	50.000	50.440	24930.22	1.0044	P	1.0
5	☐	125.000	122.687	60504.68	2.4425	P	0.5
6	☐	250.000	241.019	120561.92	4.7981	P	0.1
7	☐	500.000	500.620	222949.45	9.9657	P	1.8
8	☐	1000.000	1002.205	428382.98	19.9503	P	1.8
9	☐			83.33	0.0035	P	29.6

$$y = 0.0199 * x + 3.3214E-004$$

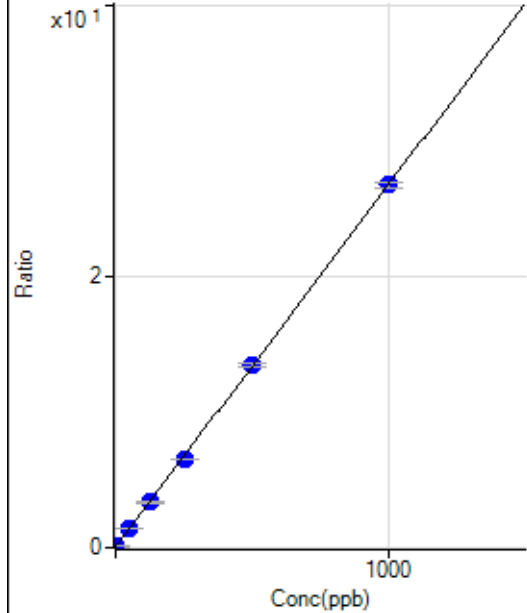
$$R = 1.0000$$

$$DL = 0.02842$$

$$BEC = 0.01669$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.81	0.0261	P	7.0
2	☐	0.200					
3	☐	2.000	2.009	2042.41	0.0798	P	7.5
4	☐	50.000	50.758	34336.67	1.3833	P	0.2
5	☐	125.000	123.876	82696.02	3.3385	P	0.9
6	☐	250.000	243.948	164554.91	6.5491	P	1.1
7	☐	500.000	504.017	302090.05	13.5031	P	1.5
8	☐	1000.000	999.607	574504.80	26.7548	P	1.6
9	☐			8731.75	0.3649	P	1.8

$$y = 0.0267 * x + 0.0261$$

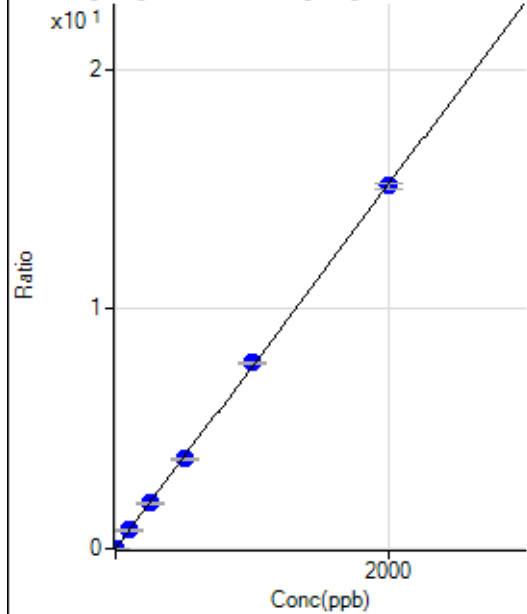
$$R = 1.0000$$

$$DL = 0.2057$$

$$BEC = 0.9765$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0006	P	39.3
2	☐	0.100					
3	☐	1.000	1.097	228.90	0.0090	P	12.2
4	☐	100.000	100.534	18967.53	0.7642	P	1.3
5	☐	250.000	248.122	46695.62	1.8851	P	1.0
6	☐	500.000	491.452	93805.67	3.7332	P	0.4
7	☐	1000.000	1021.388	173558.96	7.7581	P	1.5
8	☐	2000.000	1991.651	324832.45	15.1274	P	1.5
9	☐			1056.73	0.0442	P	7.7

$$y = 0.0076 * x + 6.2147E-004$$

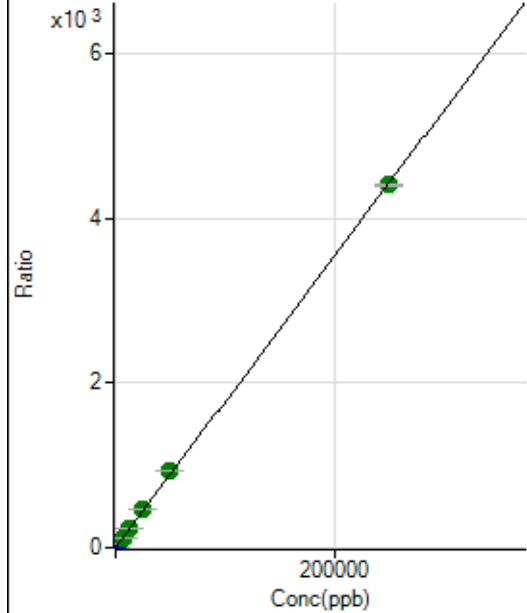
$$R = 0.9999$$

$$DL = 0.0964$$

$$BEC = 0.08183$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1031.55	0.0386	P	6.3
2	☐	5.000					
3	☐	50.000	47.342	22366.59	0.8743	P	2.4
4	☐	2500.000	2644.456	1159628.06	46.7209	P	1.1
5	☐	6250.000	6540.817	2861144.07	115.5030	A	0.6
6	☐	12500.000	12808.913	5682596.25	226.1531	A	0.3
7	☐	25000.000	26521.397	10474118.40	468.2182	A	2.2
8	☐	50000.000	52652.526	19959612.72	929.5085	A	1.5
9	☐	250000.00	249293.19	105294837.5	4,400.787	A	0.8

$$y = 0.0177 * x + 0.0386$$

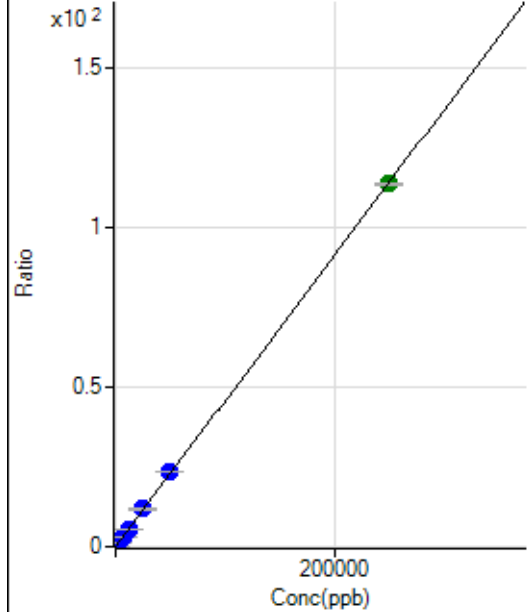
$$R = 0.9999$$

$$DL = 0.412$$

$$BEC = 2.186$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.63	0.0011	P	22.0
2	☐	5.000					
3	☐	50.000	43.665	537.06	0.0210	P	3.4
4	☐	2500.000	2600.639	29424.26	1.1855	P	1.8
5	☐	6250.000	6306.206	71170.06	2.8731	P	1.0
6	☐	12500.000	12491.117	142969.88	5.6898	P	0.4
7	☐	25000.000	25973.597	264650.68	11.8300	P	1.5
8	☐	50000.000	51769.126	506295.47	23.5777	P	1.5
9	☐	250000.00	249546.84	2719222.00	113.6493	A	0.7

$$y = 4.5542E-004 * x + 0.0011$$

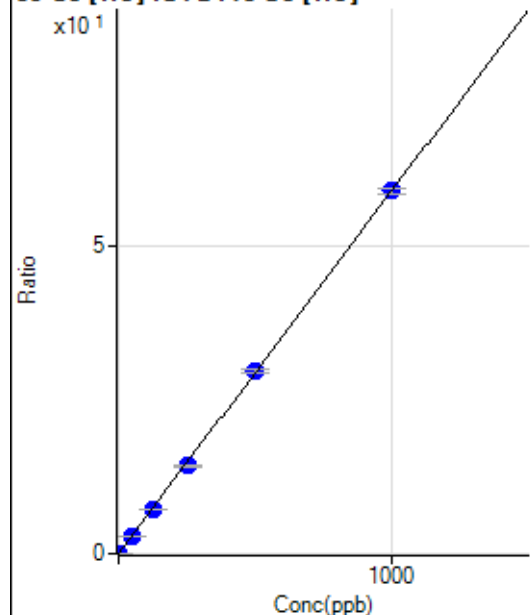
$$R = 1.0000$$

$$DL = 1.609$$

$$BEC = 2.434$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.22	0.0020	P	24.9
2	☐	0.100					
3	☐	1.000	0.925	1444.54	0.0565	P	1.5
4	☐	50.000	49.632	72686.15	2.9287	P	2.1
5	☐	125.000	122.766	179372.42	7.2413	P	0.8
6	☐	250.000	241.614	358036.41	14.2495	P	1.0
7	☐	500.000	502.938	663523.76	29.6594	P	1.8
8	☐	1000.000	1000.925	1267466.78	59.0248	P	1.4
9	☐			1589.01	0.0664	P	7.6

$$y = 0.0590 * x + 0.0020$$

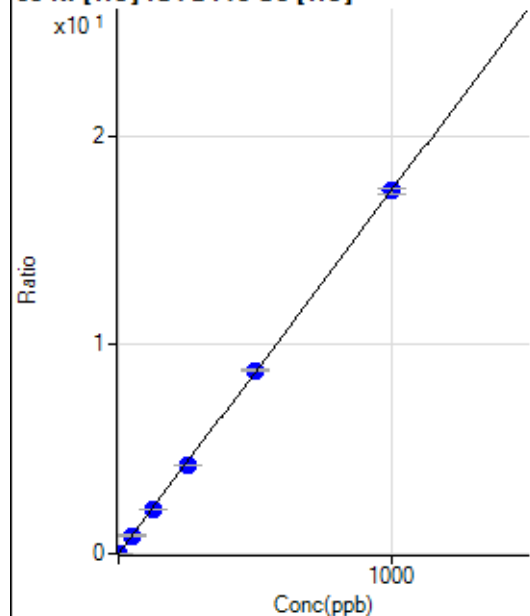
$$R = 1.0000$$

$$DL = 0.02474$$

$$BEC = 0.03308$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0017	P	39.3
2	☐	0.100					
3	☐	1.000	1.079	524.46	0.0205	P	5.0
4	☐	50.000	50.110	21673.73	0.8732	P	0.7
5	☐	125.000	122.355	52752.93	2.1296	P	0.9
6	☐	250.000	244.411	106844.95	4.2522	P	0.5
7	☐	500.000	505.398	196673.47	8.7910	P	1.2
8	☐	1000.000	999.023	373111.19	17.3755	P	1.4
9	☐			4174.03	0.1745	P	4.8

$$y = 0.0174 * x + 0.0017$$

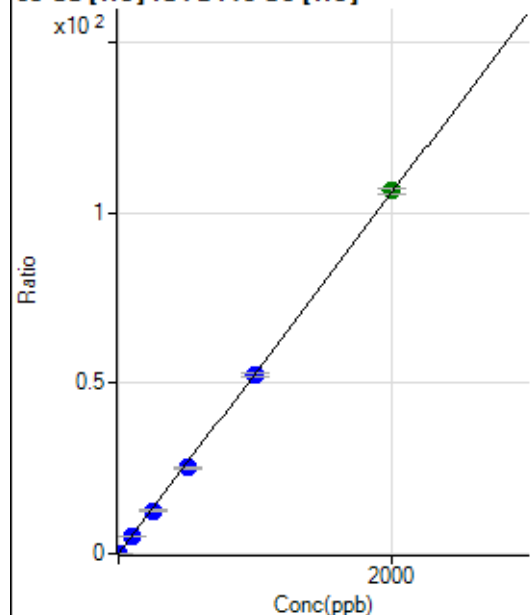
$$R = 1.0000$$

$$DL = 0.1182$$

$$BEC = 0.1003$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0044	P	7.4
2	☐	0.200					
3	☐	2.000	1.815	2571.40	0.1005	P	5.2
4	☐	100.000	98.161	129113.16	5.2021	P	1.5
5	☐	250.000	239.752	314560.74	12.6994	P	1.4
6	☐	500.000	474.681	631675.50	25.1390	P	0.3
7	☐	1000.000	992.672	1175984.42	52.5669	P	1.7
8	☐	2000.000	2011.367	2287065.31	106.5073	A	1.6
9	☐			3522.73	0.1473	P	5.9

$$y = 0.0530 * x + 0.0044$$

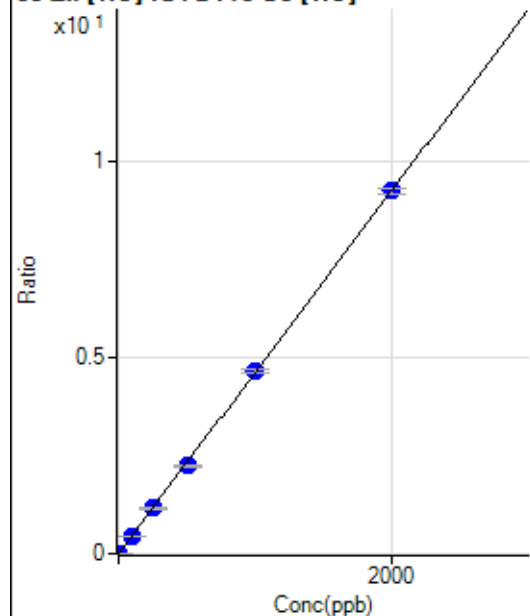
$$R = 0.9999$$

$$DL = 0.0184$$

$$BEC = 0.08324$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0033	P	7.3
2	☐	0.200					
3	☐	2.000	1.903	310.01	0.0121	P	27.6
4	☐	100.000	98.764	11393.72	0.4590	P	1.9
5	☐	250.000	250.126	28668.73	1.1574	P	2.1
6	☐	500.000	483.242	56111.90	2.2331	P	0.6
7	☐	1000.000	1007.488	104071.94	4.6520	P	1.4
8	☐	2000.000	2000.492	198280.97	9.2339	P	1.6
9	☐			1156.74	0.0483	P	10.9

$$y = 0.0046 * x + 0.0033$$

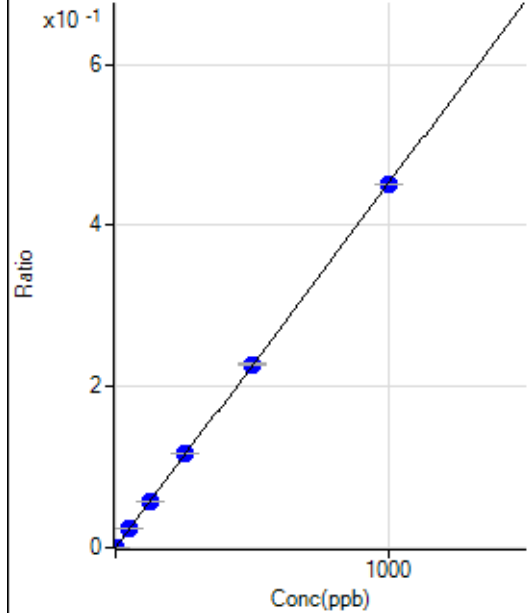
$$R = 1.0000$$

$$DL = 0.1571$$

$$BEC = 0.721$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	42.9
2	☐	0.100					
3	☐	1.000	0.949	80.25	0.0004	P	15.7
4	☐	50.000	50.991	4135.22	0.0231	P	2.3
5	☐	125.000	127.287	10229.80	0.0576	P	0.8
6	☐	250.000	257.679	20852.82	0.1165	P	0.2
7	☐	500.000	503.374	38469.45	0.2276	P	1.1
8	☐	1000.000	996.058	73842.71	0.4503	P	0.2
9	☐			25.92	0.0001	P	24.4

$$y = 4.5208\text{E-}004 * x + 1.3169\text{E-}005$$

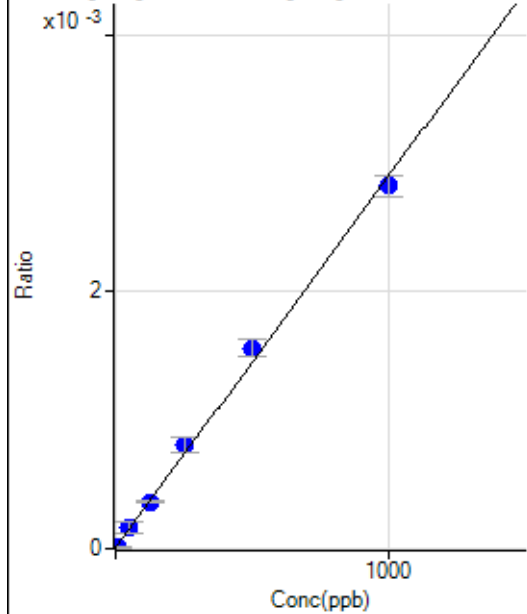
$$R = 1.0000$$

$$DL = 0.03747$$

$$BEC = 0.02913$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	2.167	2.22	0.0000	P	86.6
4	☐	50.000	55.798	30.00	0.0002	P	58.0
5	☐	125.000	123.212	64.44	0.0004	P	3.2
6	☐	250.000	276.807	144.45	0.0008	P	15.6
7	☐	500.000	538.549	264.45	0.0016	P	8.9
8	☐	1000.000	973.972	463.35	0.0028	P	6.1
9	☐			2.22	0.0000	P	86.6

$$y = 2.8949\text{E-}006 * x + 5.9503\text{E-}006$$

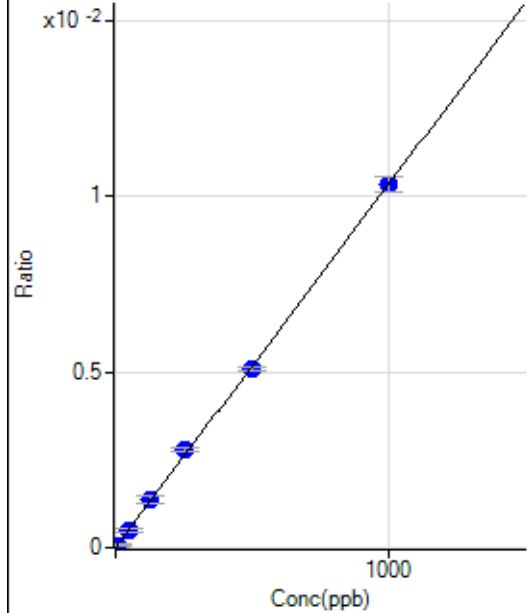
$$R = 0.9984$$

$$DL = 10.68$$

$$BEC = 2.055$$

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	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	7.583	14.81	0.0001	P	12.4
4	☐	50.000	47.663	88.89	0.0005	P	13.4
5	☐	125.000	133.046	244.45	0.0014	P	14.4
6	☐	250.000	268.701	496.93	0.0028	P	3.9
7	☐	500.000	491.484	858.06	0.0051	P	1.8
8	☐	1000.000	998.681	1690.86	0.0103	P	4.2
9	☐			1.85	0.0000	P	0.8

$$y = 1.0321\text{E-}005 * x + 3.3057\text{E-}006$$

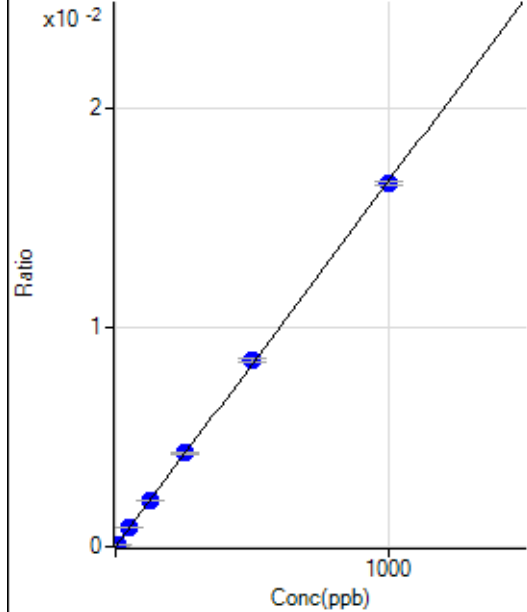
$$R = 0.9997$$

$$DL = 1.664$$

$$BEC = 0.3203$$

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	-62.93	0.0000	P	-96.
2	☐	0.500					
3	☐	5.000	4.909	419.93	0.0001	P	5.6
4	☐	50.000	52.374	4983.83	0.0009	P	2.8
5	☐	125.000	126.956	12314.05	0.0021	P	1.3
6	☐	250.000	255.356	25528.31	0.0042	P	0.5
7	☐	500.000	510.231	50747.38	0.0085	P	1.3
8	☐	1000.000	993.183	99385.07	0.0165	P	1.0
9	☐			31.48	0.0000	P	50.3

$$y = 1.6666\text{E-}005 * x - 1.0322\text{E-}005$$

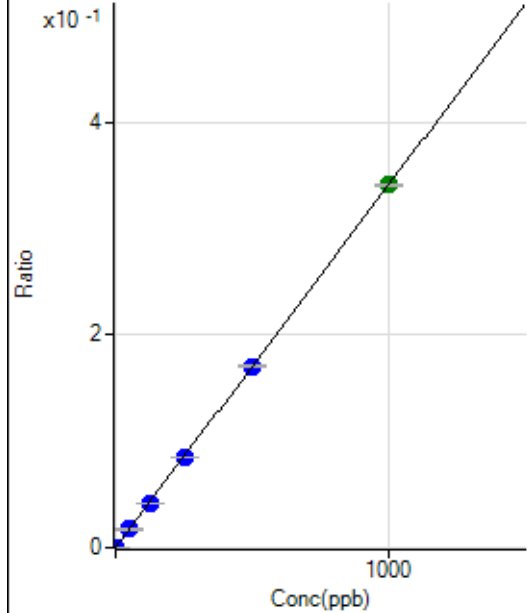
$$R = 0.9999$$

$$DL = 1.79$$

$$BEC = -0.6193$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	0.983	2386.42	0.0004	P	6.9
4	☐	50.000	50.384	99712.76	0.0173	P	2.2
5	☐	125.000	122.901	245617.12	0.0420	P	0.4
6	☐	250.000	248.233	509618.57	0.0848	P	0.6
7	☐	500.000	500.304	1020201.55	0.1707	P	0.8
8	☐	1000.000	1000.533	2051087.13	0.3414	A	0.7
9	☐			72079.60	0.0120	P	3.0

$$y = 3.4114\text{E-}004 * x + 7.1009\text{E-}005$$

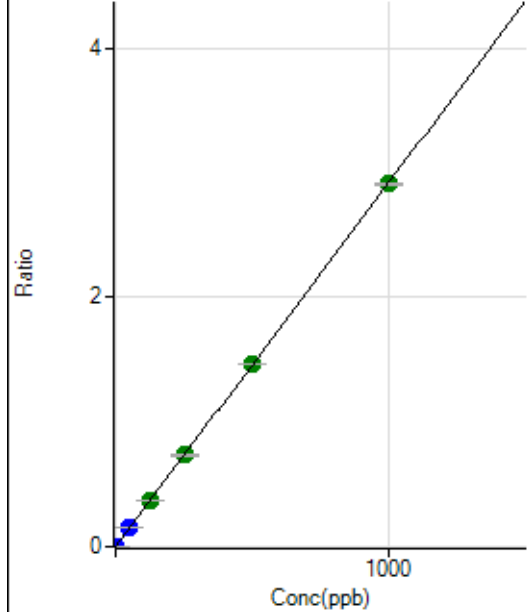
$$R = 1.0000$$

$$DL = 0.07264$$

$$BEC = 0.2082$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	9.6
2	☐	0.100					
3	☐	1.000	0.929	16110.13	0.0027	P	3.9
4	☐	50.000	51.011	860591.54	0.1489	P	0.3
5	☐	125.000	126.763	2164348.29	0.3701	A	1.4
6	☐	250.000	252.488	4432303.49	0.7371	A	1.2
7	☐	500.000	502.947	8773129.71	1.4683	A	0.8
8	☐	1000.000	997.634	17497883.21	2.9124	A	0.9
9	☐			619815.97	0.1035	P	1.0

$$y = 0.0029 * x + 2.9424\text{E-}005$$

$$R = 1.0000$$

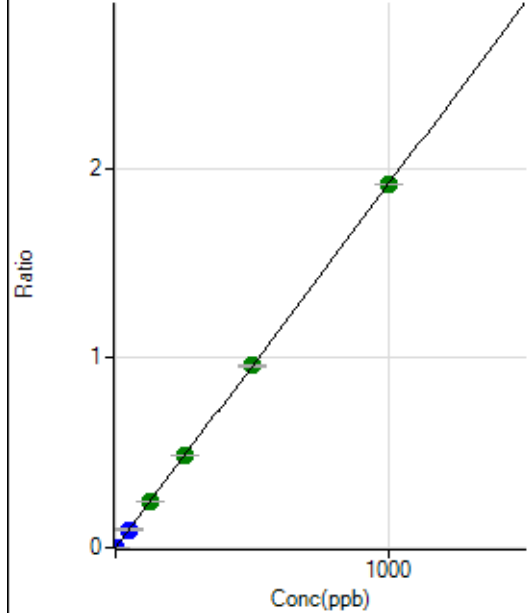
$$DL = 0.002914$$

$$BEC = 0.01008$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.91	0.0001	P	18.4
2	☐	0.100					
3	☐	1.000	0.901	10546.18	0.0018	P	0.8
4	☐	50.000	50.084	555272.56	0.0961	P	1.3
5	☐	125.000	125.334	1405974.11	0.2404	A	0.4
6	☐	250.000	254.155	2930883.18	0.4874	A	1.1
7	☐	500.000	501.969	5751971.83	0.9626	A	1.0
8	☐	1000.000	997.931	11498117.88	1.9136	A	0.1
9	☐			1541.84	0.0003	P	3.0

$$y = 0.0019 * x + 6.7555E-005$$

$$R = 1.0000$$

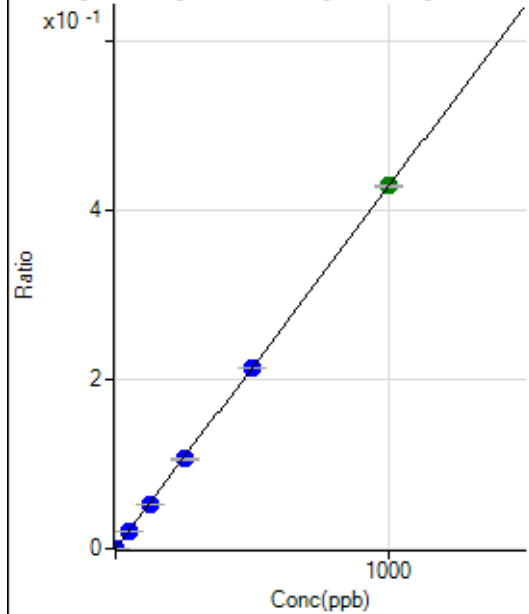
$$DL = 0.01945$$

$$BEC = 0.03523$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.3
2	☐	0.100					
3	☐	1.000	0.876	2286.41	0.0004	P	4.1
4	☐	50.000	49.574	122839.11	0.0213	P	1.1
5	☐	125.000	123.289	309108.86	0.0529	P	1.2
6	☐	250.000	247.167	637065.35	0.1059	P	0.7
7	☐	500.000	498.366	1276342.14	0.2136	P	0.6
8	☐	1000.000	1001.760	2579668.74	0.4294	A	0.5
9	☐			347.25	0.0001	P	13.6

$$y = 4.2859E-004 * x + 1.3588E-005$$

$$R = 1.0000$$

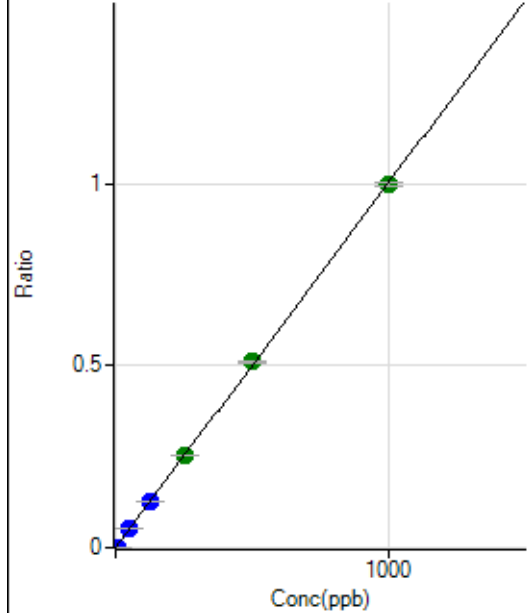
$$DL = 0.01929$$

$$BEC = 0.0317$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	41.5
2	☐	0.500					
3	☐	5.000	1.950	11636.07	0.0020	P	2.2
4	☐	50.000	50.304	291662.43	0.0505	P	0.5
5	☐	125.000	124.484	730362.67	0.1249	P	0.4
6	☐	250.000	253.780	1530700.41	0.2546	A	0.6
7	☐	500.000	509.168	3051590.33	0.5107	A	0.5
8	☐	1000.000	994.536	5993033.12	0.9975	A	1.1
9	☐			4851.07	0.0008	P	3.3

$$y = 0.0010 * x + 2.5427E-005$$

$$R = 0.9999$$

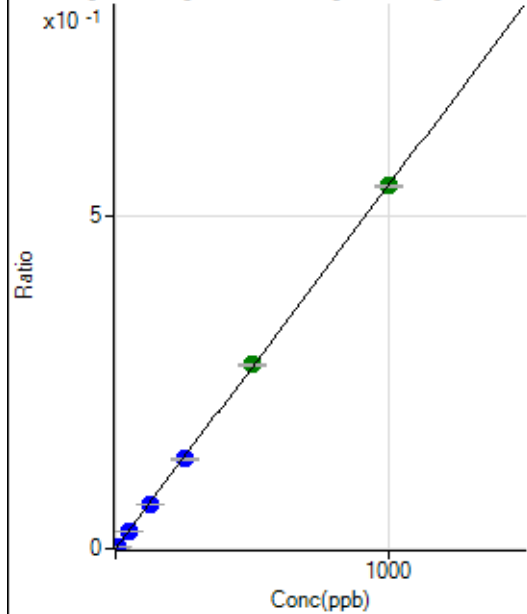
$$DL = 0.03154$$

$$BEC = 0.02535$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	4.409	14205.21	0.0024	P	4.3
4	☐	50.000	49.325	156107.67	0.0270	P	1.3
5	☐	125.000	121.874	390387.63	0.0667	P	0.3
6	☐	250.000	246.468	811671.77	0.1350	P	0.7
7	☐	500.000	505.979	1655800.53	0.2771	A	1.0
8	☐	1000.000	998.321	3285007.08	0.5467	A	0.4
9	☐			7419.02	0.0012	P	2.5

$$y = 5.4766E-004 * x + 3.6276E-006$$

$$R = 1.0000$$

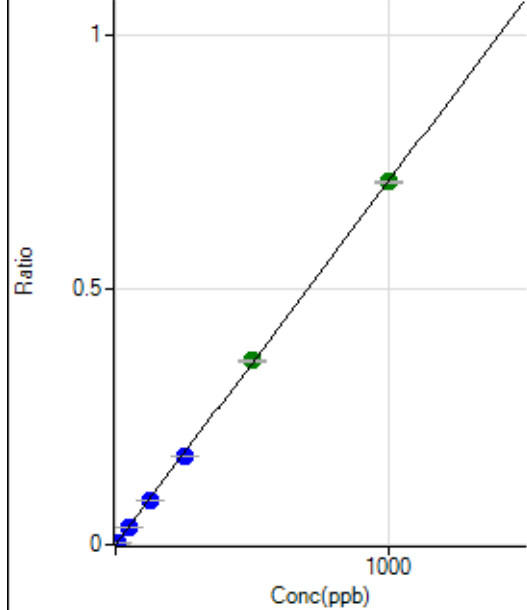
$$DL = 0.004501$$

$$BEC = 0.006624$$

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	116.67	0.0000	P	44.3
2	☐	0.500					
3	☐	5.000	3.801	16021.26	0.0027	P	2.1
4	☐	50.000	48.679	200520.13	0.0347	P	0.9
5	☐	125.000	122.003	508508.97	0.0869	P	0.7
6	☐	250.000	245.770	1053101.20	0.1751	P	0.1
7	☐	500.000	506.362	2155862.59	0.3608	A	0.8
8	☐	1000.000	998.323	4273855.35	0.7113	A	0.6
9	☐			9840.10	0.0016	P	5.1

$$y = 7.1252E-004 * x + 1.9082E-005$$

$$R = 1.0000$$

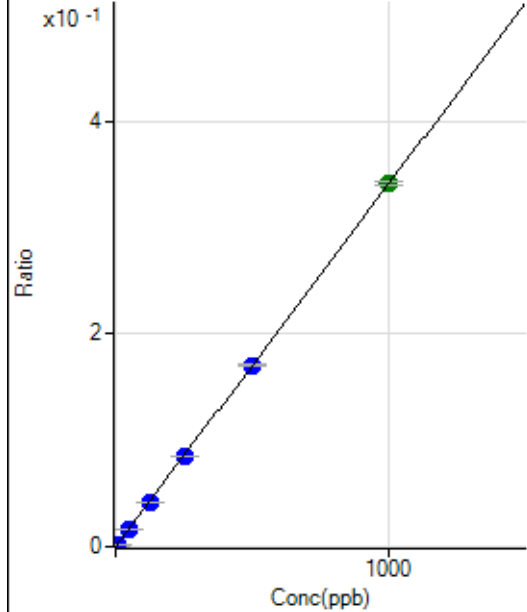
$$DL = 0.0356$$

$$BEC = 0.02678$$

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	30.56	0.0000	P	55.5
2	☐	0.500					
3	☐	5.000	4.320	8667.06	0.0015	P	1.2
4	☐	50.000	49.449	97273.35	0.0168	P	1.8
5	☐	125.000	122.804	244485.44	0.0418	P	0.9
6	☐	250.000	247.785	507162.68	0.0843	P	0.5
7	☐	500.000	499.570	1016014.58	0.1700	P	0.9
8	☐	1000.000	1001.074	2047156.95	0.3407	A	1.0
9	☐			4498.18	0.0008	P	4.4

$$y = 3.4037E-004 * x + 4.9532E-006$$

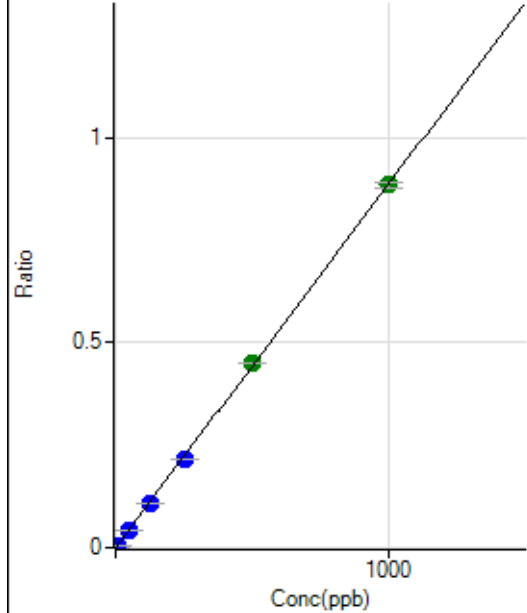
$$R = 1.0000$$

$$DL = 0.02423$$

$$BEC = 0.01455$$

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	66.67	0.0000	P	23.5
2	☐	0.500					
3	☐	5.000	4.345	22669.75	0.0039	P	1.8
4	☐	50.000	49.154	251566.89	0.0435	P	0.5
5	☐	125.000	122.415	634071.85	0.1084	P	0.7
6	☐	250.000	244.683	1303002.44	0.2167	P	0.3
7	☐	500.000	506.904	2682304.57	0.4489	A	0.4
8	☐	1000.000	998.246	5310975.29	0.8840	A	1.3
9	☐			11424.77	0.0019	P	4.7

$$y = 8.8557\text{E-}004 * x + 1.0836\text{E-}005$$

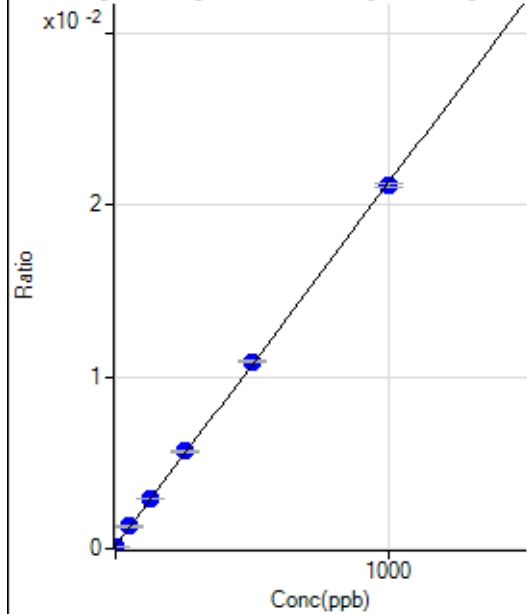
$$R = 0.9999$$

$$DL = 0.008644$$

$$BEC = 0.01224$$

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	1141.77	0.0002	P	4.4
2	☐	0.100					
3	☐	1.000	0.328	1166.77	0.0002	P	1.8
4	☐	50.000	53.714	9384.23	0.0013	P	1.9
5	☐	125.000	131.762	21687.73	0.0029	P	1.1
6	☐	250.000	261.302	43802.50	0.0057	P	2.4
7	☐	500.000	508.698	85512.77	0.0109	P	1.0
8	☐	1000.000	991.795	169589.74	0.0211	P	1.1
9	☐			1189.00	0.0002	P	3.7

$$y = 2.1114\text{E-}005 * x + 1.5207\text{E-}004$$

$$R = 0.9999$$

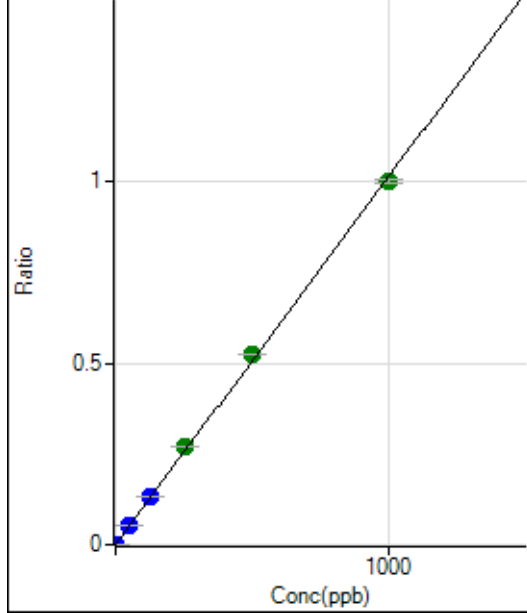
$$DL = 0.9532$$

$$BEC = 7.202$$

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	72.23	0.0000	P	25.5
2	☐	0.100					
3	☐	1.000	0.978	7344.02	0.0010	P	3.8
4	☐	50.000	53.851	398113.19	0.0546	P	0.8
5	☐	125.000	133.016	996113.42	0.1348	P	0.4
6	☐	250.000	266.150	2083415.63	0.2696	A	0.8
7	☐	500.000	516.914	4110738.59	0.5237	A	0.5
8	☐	1000.000	986.311	8033687.59	0.9992	A	0.9
9	☐			888.96	0.0001	P	11.2

$$y = 0.0010 * x + 9.6395E-006$$

$$R = 0.9996$$

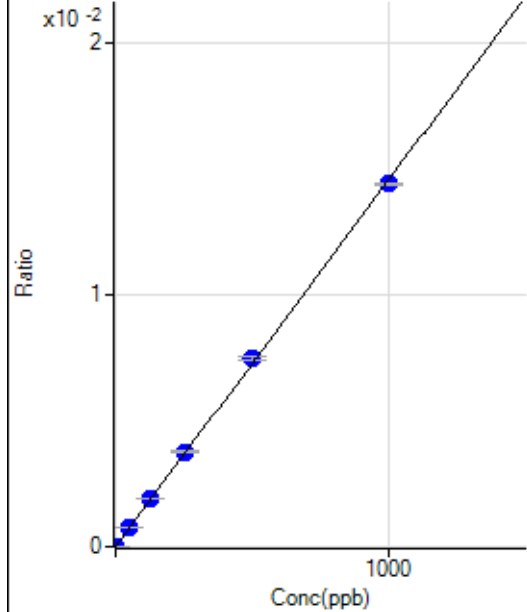
$$DL = 0.007292$$

$$BEC = 0.009516$$

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	9.72	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	1.094	126.39	0.0000	P	22.6
4	☐	50.000	52.883	5631.86	0.0008	P	5.4
5	☐	125.000	130.244	14036.70	0.0019	P	2.3
6	☐	250.000	258.868	29158.16	0.0038	P	1.4
7	☐	500.000	513.972	58798.53	0.0075	P	1.2
8	☐	1000.000	989.997	115996.03	0.0144	P	0.7
9	☐			23.61	0.0000	P	53.9

$$y = 1.4571E-005 * x + 1.2932E-006$$

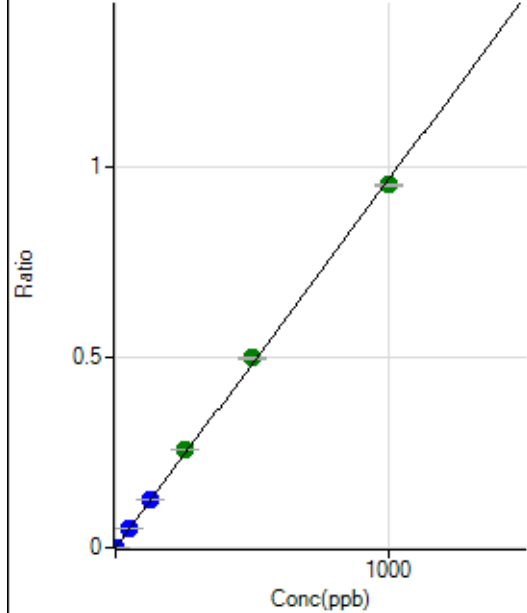
$$R = 0.9998$$

$$DL = 0.06454$$

$$BEC = 0.08875$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	0.970	6896.52	0.0009	P	1.9
4	☐	50.000	53.650	378116.29	0.0518	P	0.8
5	☐	125.000	132.249	944176.17	0.1277	P	1.3
6	☐	250.000	266.346	1987906.99	0.2573	A	0.3
7	☐	500.000	516.655	3917285.94	0.4990	A	1.0
8	☐	1000.000	986.497	7661488.80	0.9528	A	0.5
9	☐			861.18	0.0001	P	10.9

$$y = 9.6587E-004 * x + 2.5955E-006$$

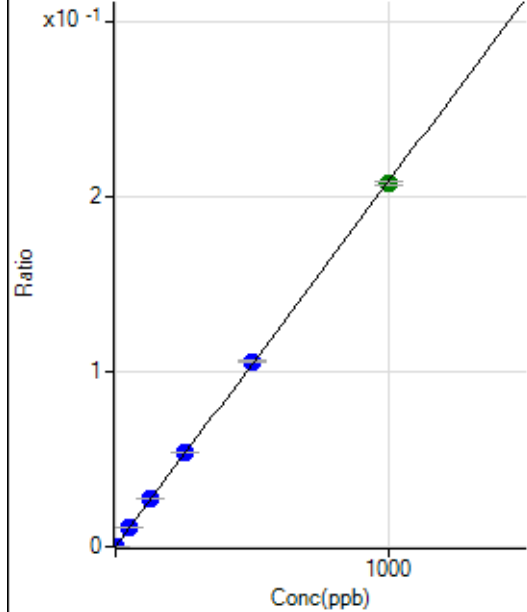
$$R = 0.9996$$

$$DL = 0.002119$$

$$BEC = 0.002687$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	810.49	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.927	2213.10	0.0003	P	3.9
4	☐	50.000	53.069	81678.15	0.0112	P	0.9
5	☐	125.000	130.176	201796.23	0.0273	P	2.1
6	☐	250.000	258.502	418101.92	0.0541	P	1.0
7	☐	500.000	507.292	832765.56	0.1061	P	0.3
8	☐	1000.000	993.428	1669525.70	0.2076	A	0.9
9	☐			1068.56	0.0001	P	3.8

$$y = 2.0890E-004 * x + 1.0795E-004$$

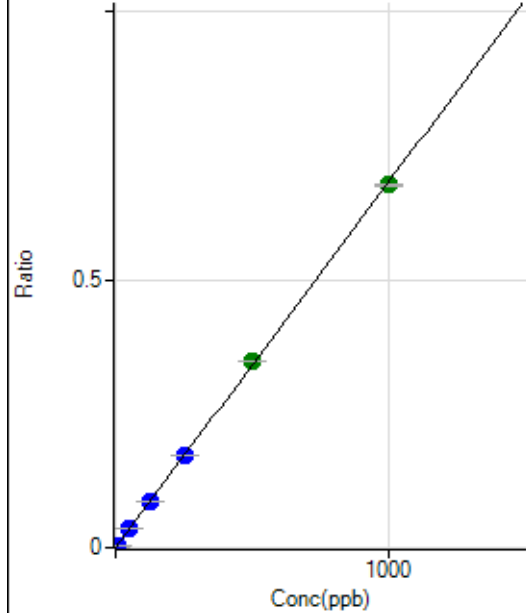
$$R = 0.9999$$

$$DL = 0.06913$$

$$BEC = 0.5167$$

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	347.24	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.663	23669.03	0.0032	P	3.6
4	☐	50.000	51.652	257320.38	0.0353	P	0.3
5	☐	125.000	127.531	643105.03	0.0870	P	1.1
6	☐	250.000	253.713	1337120.00	0.1730	P	0.4
7	☐	500.000	511.423	2737831.98	0.3488	A	0.4
8	☐	1000.000	992.963	5444259.23	0.6771	A	0.4
9	☐			5465.25	0.0007	P	2.4

$$y = 6.8186E-004 * x + 4.6326E-005$$

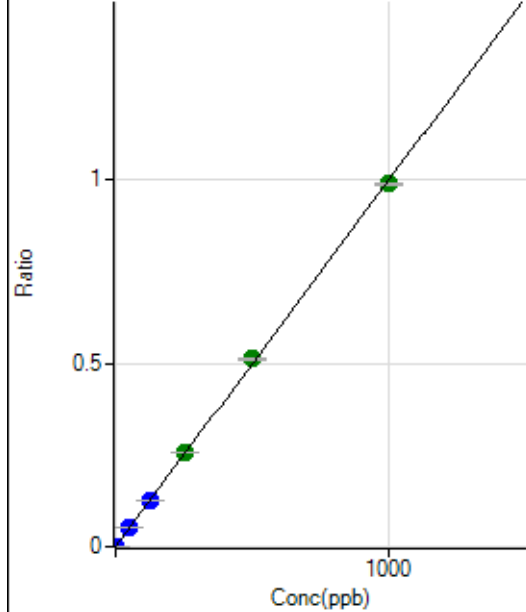
$$R = 0.9999$$

$$DL = 0.04383$$

$$BEC = 0.06794$$

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	63.89	0.0000	P	26.0
2	☐	0.200					
3	☐	2.000	1.849	13601.96	0.0019	P	1.6
4	☐	50.000	51.394	374371.98	0.0513	P	0.7
5	☐	125.000	127.915	943817.71	0.1277	P	1.2
6	☐	250.000	259.364	2000560.70	0.2589	A	0.1
7	☐	500.000	512.231	4013705.00	0.5113	A	0.6
8	☐	1000.000	991.110	7954256.34	0.9893	A	0.9
9	☐			9759.58	0.0012	P	4.1

$$y = 9.9817E-004 * x + 8.4902E-006$$

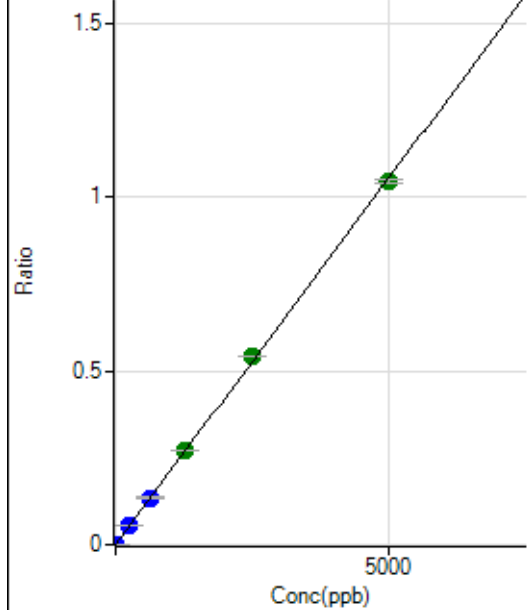
$$R = 0.9998$$

$$DL = 0.006641$$

$$BEC = 0.008506$$

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	22.22	0.0000	P	22.1
2	☐	1.000					
3	☐	10.000	9.200	14258.29	0.0019	P	1.2
4	☐	250.000	258.412	397647.24	0.0545	P	0.9
5	☐	625.000	642.186	1001035.51	0.1354	P	1.2
6	☐	1250.000	1291.010	2103755.00	0.2723	A	0.4
7	☐	2500.000	2569.617	4253976.79	0.5419	A	0.2
8	☐	5000.000	4952.372	8396902.18	1.0444	A	1.2
9	☐			2350.34	0.0003	P	6.3

$$y = 2.1088\text{E-}004 * x + 2.9614\text{E-}006$$

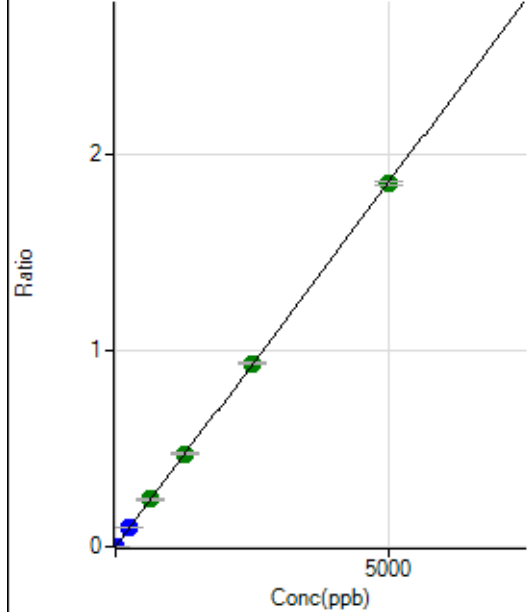
$$R = 0.9998$$

$$DL = 0.009317$$

$$BEC = 0.01404$$

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	55.56	0.0000	P	16.4
2	☐	1.000					
3	☐	10.000	9.278	25316.90	0.0034	P	0.9
4	☐	250.000	256.362	694064.96	0.0951	P	0.7
5	☐	625.000	647.821	1776657.98	0.2404	A	1.0
6	☐	1250.000	1276.271	3658853.86	0.4735	A	1.2
7	☐	2500.000	2519.007	7336639.14	0.9346	A	0.6
8	☐	5000.000	4980.759	14857983.32	1.8480	A	1.0
9	☐			4003.56	0.0005	P	4.0

$$y = 3.7102\text{E-}004 * x + 7.3900\text{E-}006$$

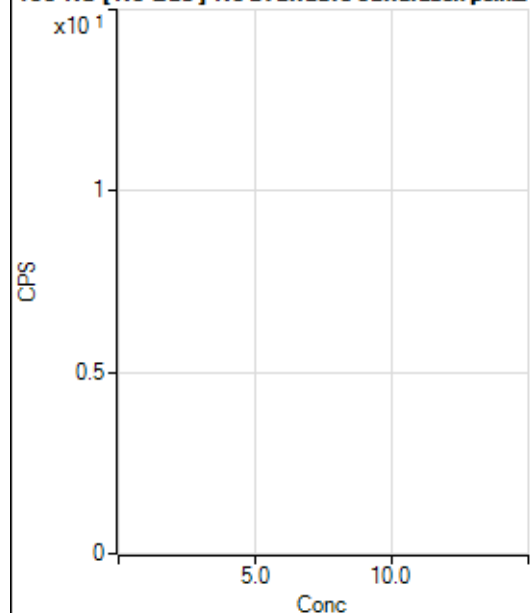
$$R = 1.0000$$

$$DL = 0.009783$$

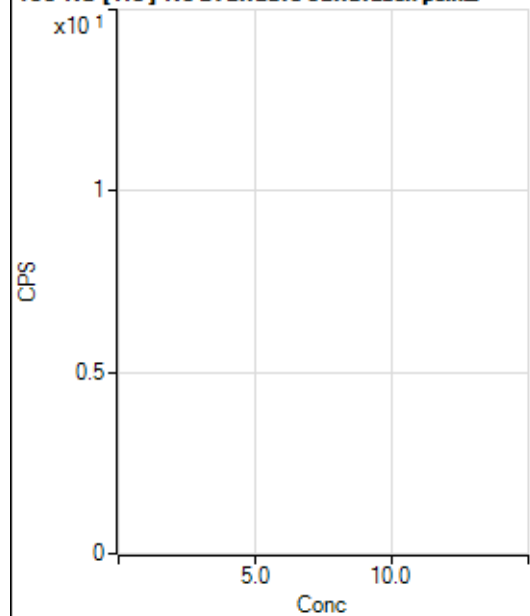
$$BEC = 0.01992$$

Weight: <None>

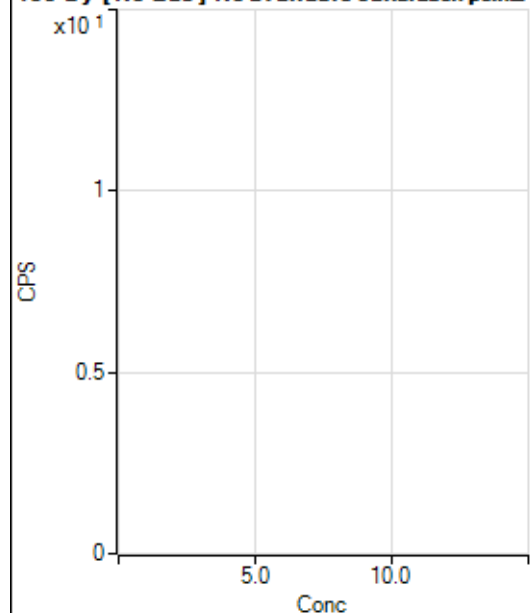
Min Conc: 0

150 Nd [No Gas] No available calibration points

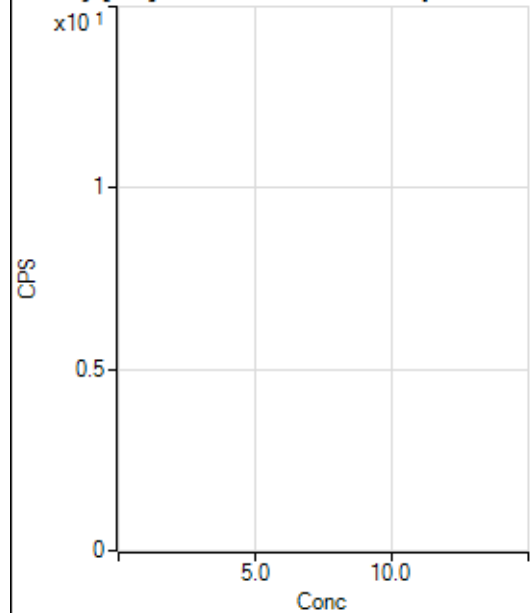
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			42.23		P	24.1
5	☐			68.89		P	29.6
6	☐			102.23		P	18.8
7	☐			175.56		P	34.5
8	☐			277.79		P	6.0
9	☐			84.45		P	9.1

150 Nd [He] No available calibration points

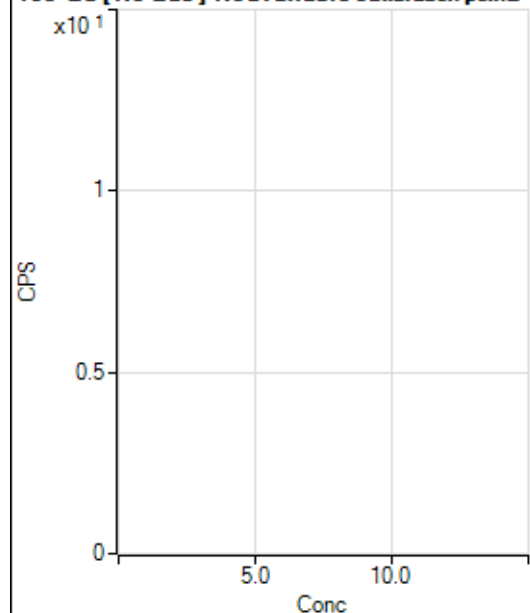
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			5.56		P	34.7
8	☐			4.44		P	43.4
9	☐			4.44		P	114.

156 Dy [No Gas] No available calibration points

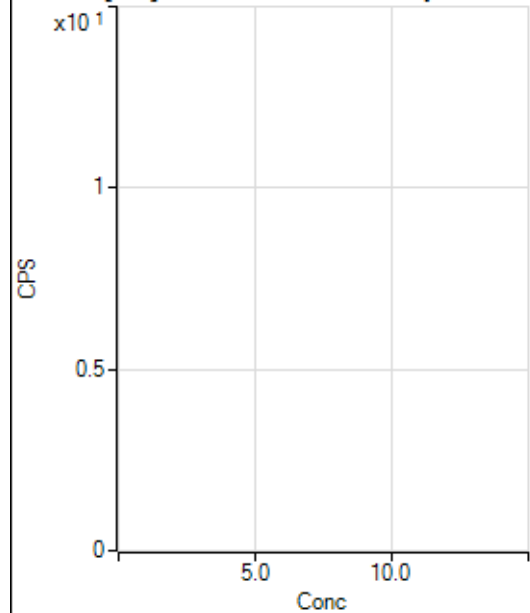
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			27.78		P	75.5
4	☐			13.89		P	34.7
5	☐			13.89		P	34.7
6	☐			25.00		P	33.3
7	☐			86.11		P	39.1
8	☐			152.79		P	35.5
9	☐			63.89		P	7.5

156 Dy [He] No available calibration points

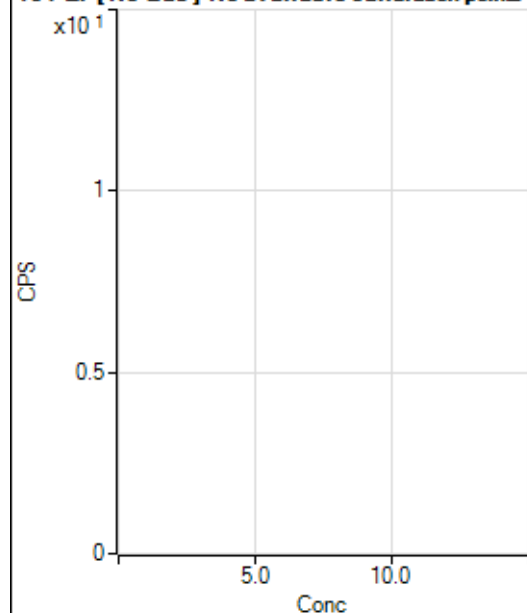
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			2.22		P	86.6
6	☐			5.55		P	124.
7	☐			4.44		P	43.4
8	☐			10.00		P	57.7
9	☐			12.22		P	15.7

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

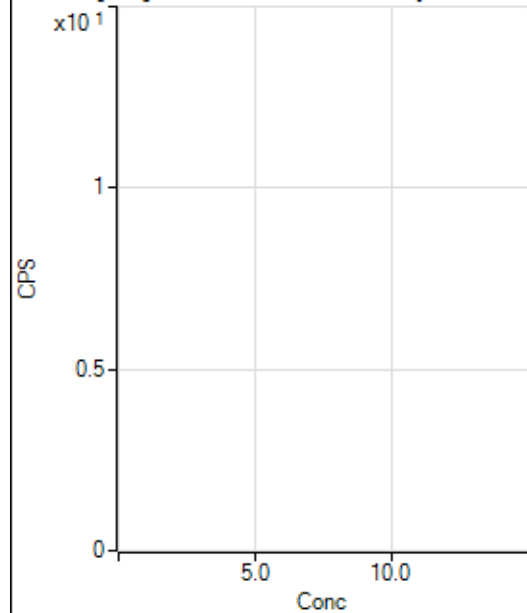
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			69.45		P	54.1
4	☐			44.44		P	21.7
5	☐			61.11		P	31.5
6	☐			44.45		P	54.1
7	☐			52.78		P	32.9
8	☐			119.45		P	10.7
9	☐			58.34		P	37.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐						
3	☐			8.89		P	21.6
4	☐			5.56		P	34.7
5	☐			6.67		P	50.0
6	☐			18.89		P	66.8
7	☐			8.89		P	21.6
8	☐			21.11		P	24.1
9	☐			14.44		P	13.4

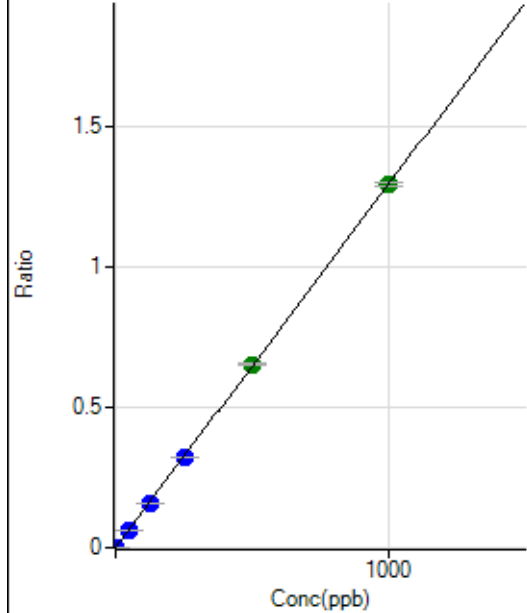
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐						
3	☐			22.22		P	78.1
4	☐			25.00		P	57.7
5	☐			22.22		P	43.3
6	☐			30.55		P	15.7
7	☐			27.78		P	34.6
8	☐			83.34		P	26.5
9	☐			27.78		P	124.

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			4.44		P	43.4
4	☐			3.33		P	0.0
5	☐			4.44		P	114.
6	☐			11.11		P	62.5
7	☐			6.67		P	50.0
8	☐			14.45		P	48.0
9	☐			7.78		P	49.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.02	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.931	5898.89	0.0013	P	4.1
4	☐	50.000	48.601	296201.01	0.0629	P	0.6
5	☐	125.000	122.754	751801.84	0.1589	P	0.5
6	☐	250.000	247.273	1580914.58	0.3200	P	0.5
7	☐	500.000	505.074	3297418.24	0.6537	A	0.4
8	☐	1000.000	998.496	6655419.42	1.2922	A	1.2
9	☐			2789.33	0.0006	P	9.6

$$y = 0.0013 * x + 4.6578E-005$$

$$R = 1.0000$$

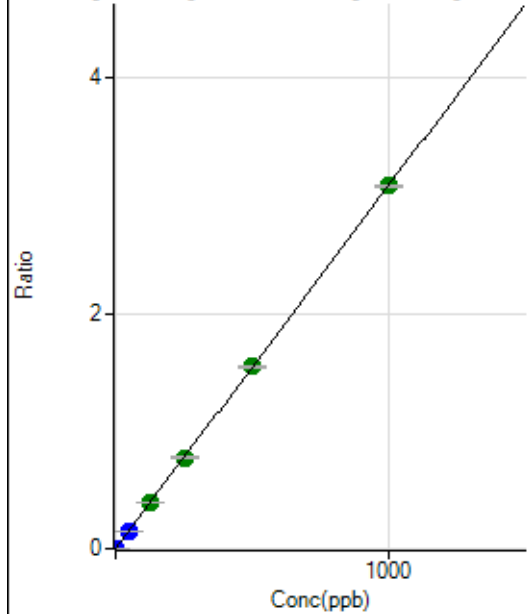
$$DL = 0.01347$$

$$BEC = 0.03599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.15	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	0.910	13755.33	0.0029	P	1.2
4	☐	50.000	49.024	712298.79	0.1514	P	0.4
5	☐	125.000	125.994	1839616.16	0.3888	A	1.1
6	☐	250.000	250.393	3816415.84	0.7726	A	1.1
7	☐	500.000	500.691	7792653.39	1.5448	A	0.8
8	☐	1000.000	999.481	15883263.55	3.0837	A	0.5
9	☐			6463.04	0.0013	P	8.0

$$y = 0.0031 * x + 1.1100E-004$$

$$R = 1.0000$$

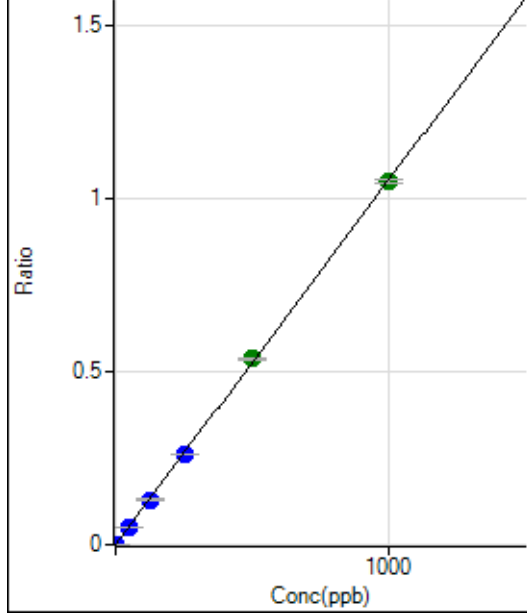
$$DL = 0.01391$$

$$BEC = 0.03598$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	496.32	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.908	4984.44	0.0011	P	3.6
4	☐	50.000	49.217	243932.89	0.0518	P	0.5
5	☐	125.000	123.689	615577.47	0.1301	P	0.6
6	☐	250.000	248.614	1291312.44	0.2614	P	0.8
7	☐	500.000	509.495	2701973.47	0.5356	A	0.2
8	☐	1000.000	995.802	5391398.79	1.0468	A	1.0
9	☐			7496.86	0.0016	P	1.1

$$y = 0.0011 * x + 1.0275E-004$$

$$R = 0.9999$$

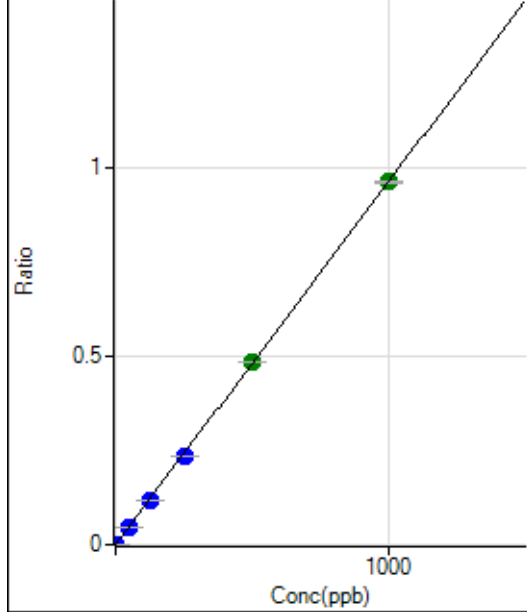
$$DL = 0.01673$$

$$BEC = 0.09775$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442.62	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.930	4652.87	0.0010	P	1.8
4	☐	50.000	48.661	220851.48	0.0469	P	1.1
5	☐	125.000	121.522	553862.90	0.1171	P	0.6
6	☐	250.000	245.207	1166395.09	0.2361	P	0.4
7	☐	500.000	503.523	2445398.00	0.4848	A	0.7
8	☐	1000.000	999.938	4958311.34	0.9626	A	0.5
9	☐			6374.03	0.0013	P	1.9

$$y = 9.6259E-004 * x + 9.1643E-005$$

$$R = 1.0000$$

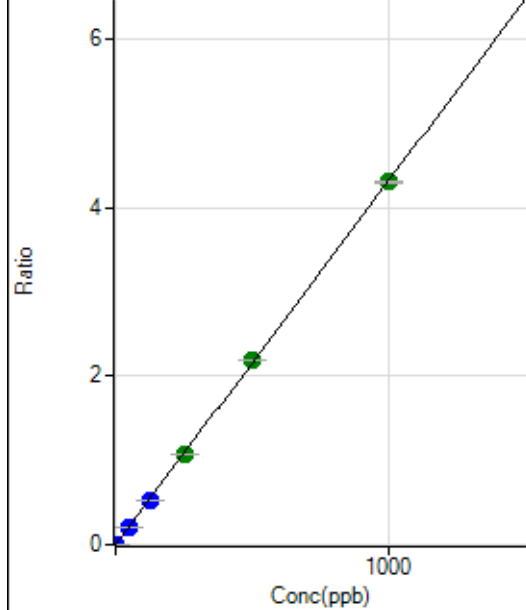
$$DL = 0.01947$$

$$BEC = 0.0952$$

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	2055.69	0.0004	P	2.8
2	☐	0.100					
3	☐	1.000	0.913	20597.90	0.0044	P	0.1
4	☐	50.000	48.708	991647.48	0.2107	P	0.8
5	☐	125.000	122.106	2496271.33	0.5276	P	0.3
6	☐	250.000	249.720	5327925.28	1.0786	A	0.7
7	☐	500.000	505.959	11021805.05	2.1849	A	0.2
8	☐	1000.000	997.517	22184630.30	4.3073	A	0.8
9	☐			29875.83	0.0062	P	0.6

$$y = 0.0043 * x + 4.2562E-004$$

$$R = 1.0000$$

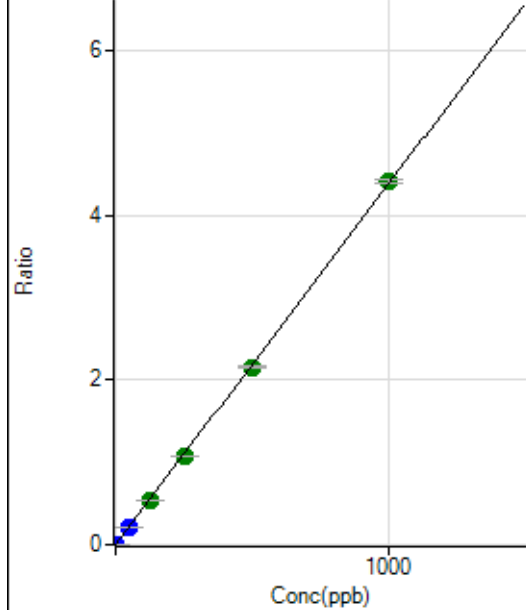
$$DL = 0.008275$$

$$BEC = 0.09858$$

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	155.57	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	0.843	17554.74	0.0037	P	2.8
4	☐	50.000	47.135	971416.96	0.2064	P	0.8
5	☐	125.000	122.722	2542566.20	0.5374	A	0.2
6	☐	250.000	243.572	5268592.00	1.0666	A	0.6
7	☐	500.000	492.605	10880826.03	2.1571	A	0.6
8	☐	1000.000	1005.733	22682344.25	4.4040	A	1.1
9	☐			1114.00	0.0002	P	9.8

$$y = 0.0044 * x + 3.2211E-005$$

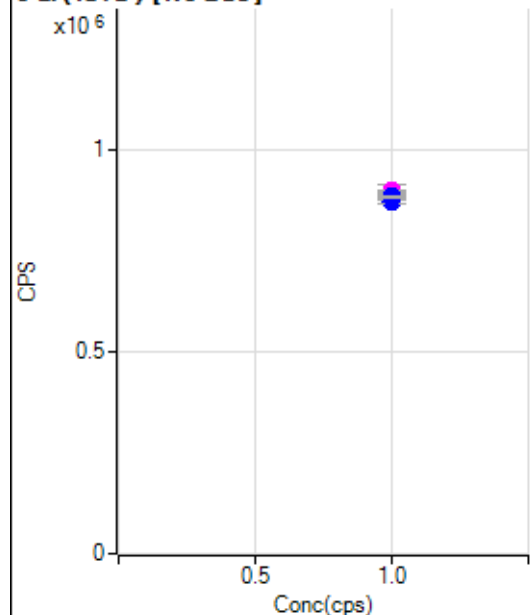
$$R = 0.9999$$

$$DL = 0.006052$$

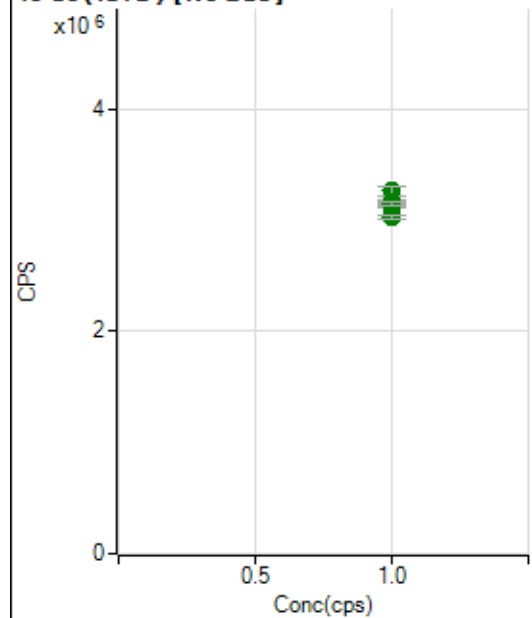
$$BEC = 0.007356$$

Weight: <None>

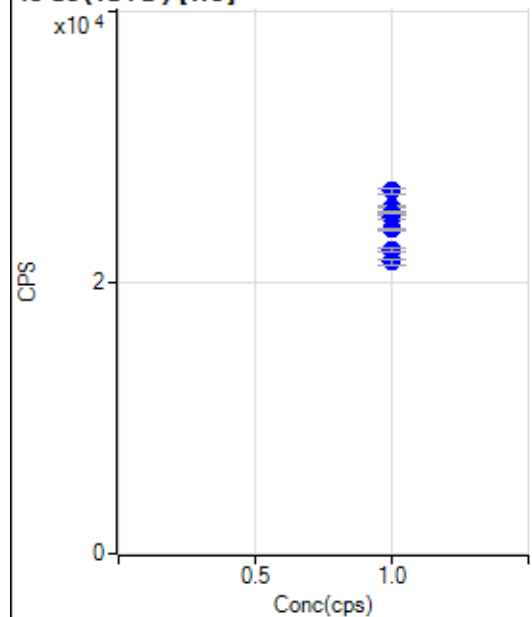
Min Conc: 0

6 Li (ISTD) [No Gas]

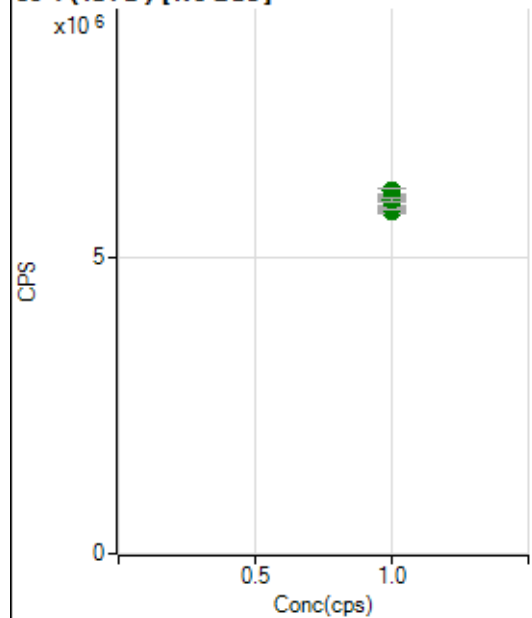
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		895124.69		M	3.4
2	☐	1.000					
3	☐	1.000		879344.00		P	0.6
4	☐	1.000		875298.31		P	0.7
5	☐	1.000		877035.59		P	0.4
6	☐	1.000		896812.20		M	0.2
7	☐	1.000		885560.79		P	0.6
8	☐	1.000		869844.28		P	1.3
9	☐	1.000		881602.38		P	0.6

45 Sc (ISTD) [No Gas]

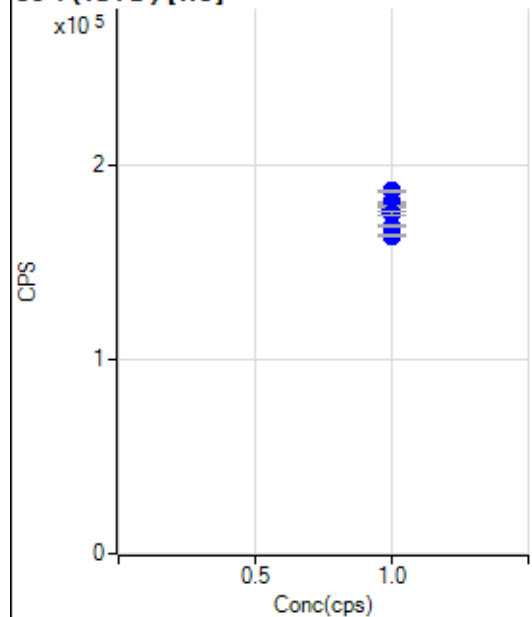
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3260139.96		A	2.6
2	☐	1.000					
3	☐	1.000		3143010.68		A	0.7
4	☐	1.000		3127426.68		A	0.4
5	☐	1.000		3125982.23		A	0.7
6	☐	1.000		3167890.96		A	0.7
7	☐	1.000		3117298.47		A	0.7
8	☐	1.000		3022047.94		A	1.3
9	☐	1.000		3144349.68		A	1.3

45 Sc (ISTD) [He]

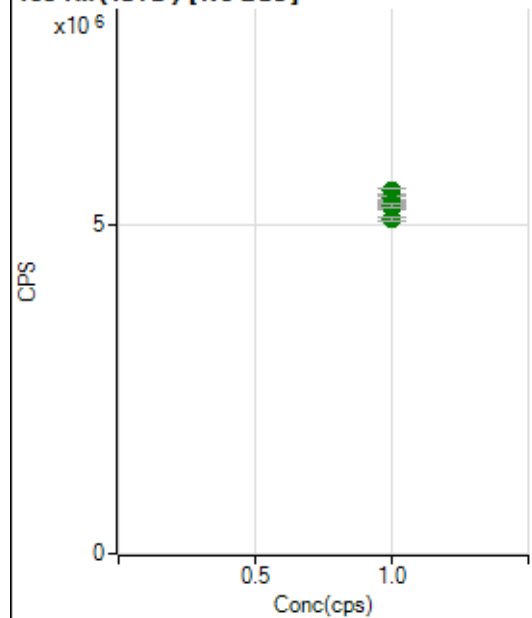
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26742.37		P	1.6
2	☐	1.000					
3	☐	1.000		25580.12		P	0.5
4	☐	1.000		24822.08		P	1.0
5	☐	1.000		24772.06		P	1.0
6	☐	1.000		25127.11		P	0.5
7	☐	1.000		22373.53		P	1.2
8	☐	1.000		21476.59		P	1.6
9	☐	1.000		23927.28		P	0.7

89 Y (ISTD) [No Gas]

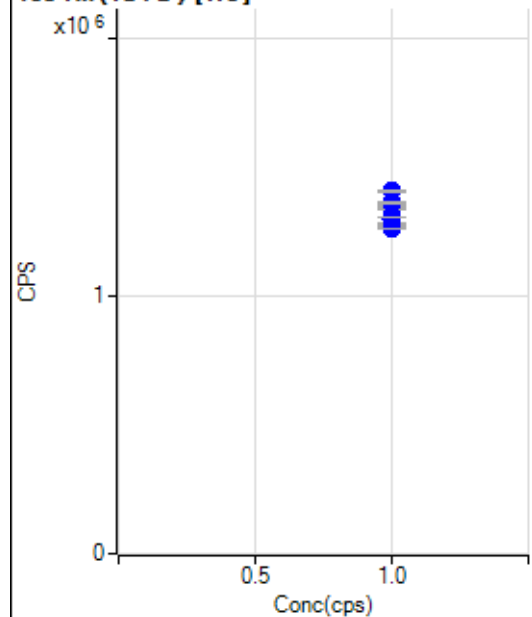
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6137515.39		A	1.6
2	☐	1.000					
3	☐	1.000		5874958.80		A	0.6
4	☐	1.000		5777847.62		A	0.5
5	☐	1.000		5848516.23		A	0.6
6	☐	1.000		6013051.58		A	0.1
7	☐	1.000		5975245.61		A	0.7
8	☐	1.000		6008474.98		A	1.5
9	☐	1.000		5986609.15		A	1.2

89 Y (ISTD) [He]

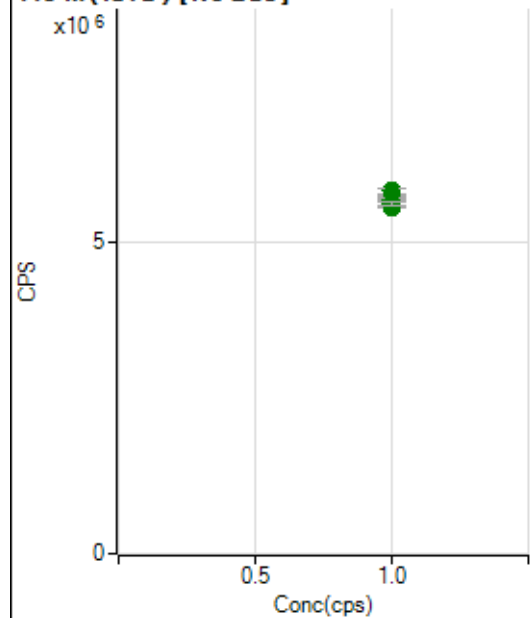
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		187112.37		P	0.4
2	☐	1.000					
3	☐	1.000		181577.24		P	0.1
4	☐	1.000		179309.12		P	1.1
5	☐	1.000		177726.17		P	1.1
6	☐	1.000		178986.76		P	0.7
7	☐	1.000		169033.43		P	0.6
8	☐	1.000		163981.78		P	0.3
9	☐	1.000		175439.35		P	0.8

103 Rh (ISTD) [No Gas]

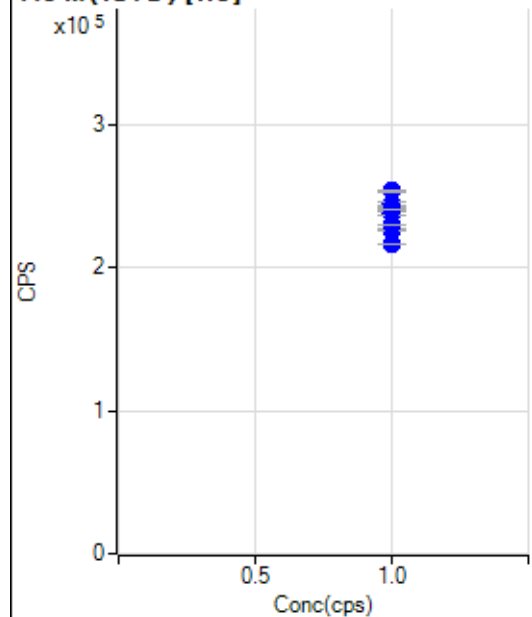
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5515835.76		A	1.6
2	☐	1.000					
3	☐	1.000		5325457.84		A	1.3
4	☐	1.000		5283437.49		A	0.3
5	☐	1.000		5259889.18		A	0.7
6	☐	1.000		5400851.12		A	0.9
7	☐	1.000		5328546.39		A	0.8
8	☐	1.000		5287196.91		A	1.4
9	☐	1.000		5090641.13		A	0.8

103 Rh (ISTD) [He]

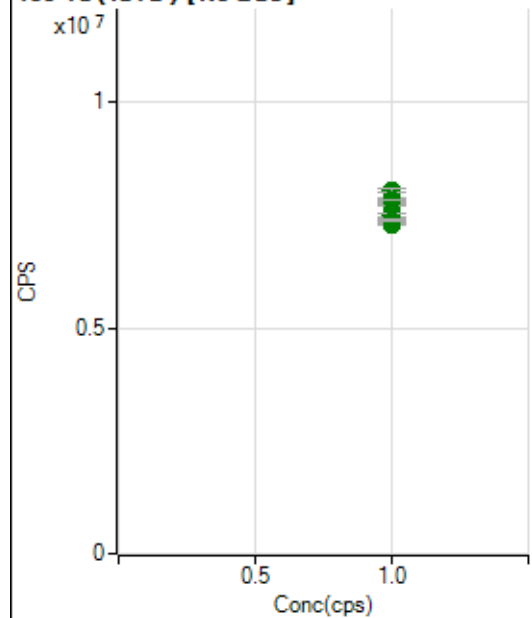
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1405398.28		P	0.2
2	☐	1.000					
3	☐	1.000		1362315.95		P	0.6
4	☐	1.000		1347524.41		P	0.5
5	☐	1.000		1336485.27		P	0.4
6	☐	1.000		1356678.30		P	0.5
7	☐	1.000		1292438.82		P	1.3
8	☐	1.000		1269517.20		P	0.5
9	☐	1.000		1259608.04		P	0.3

115 In (ISTD) [No Gas]

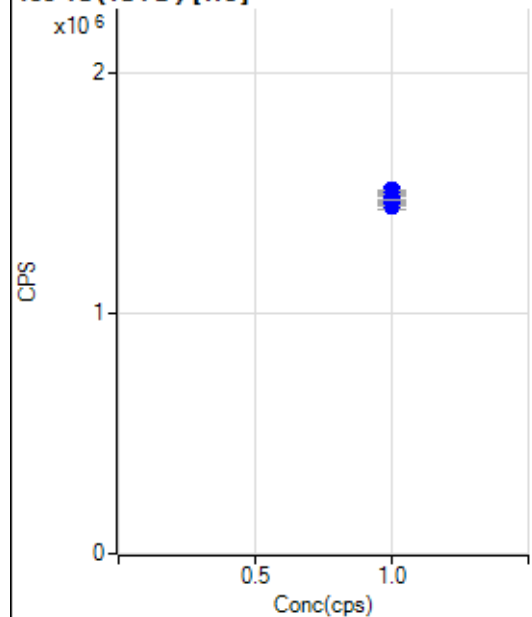
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5830734.63		A	1.9
2	☐	1.000					
3	☐	1.000		5597525.03		A	0.2
4	☐	1.000		5580377.00		A	0.2
5	☐	1.000		5567809.76		A	0.4
6	☐	1.000		5769743.46		A	0.4
7	☐	1.000		5727351.68		A	1.0
8	☐	1.000		5690984.89		A	1.3
9	☐	1.000		5625637.85		A	1.0

115 In (ISTD) [He]

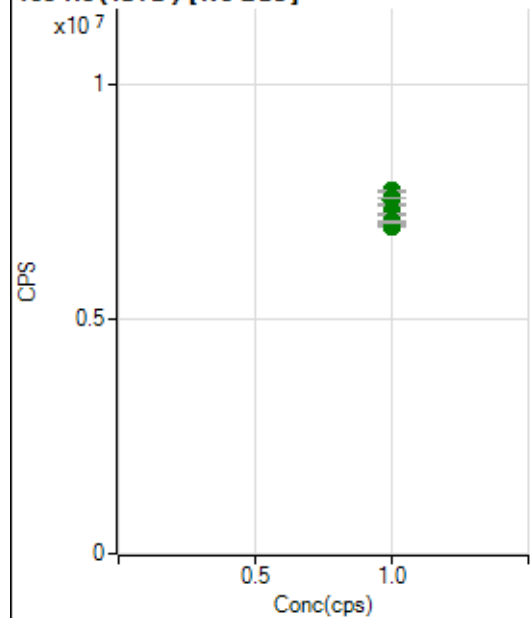
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		253576.79		P	0.6
2	☐	1.000					
3	☐	1.000		244853.85		P	0.8
4	☐	1.000		241356.12		P	0.4
5	☐	1.000		237968.31		P	0.9
6	☐	1.000		240879.49		P	0.2
7	☐	1.000		225923.17		P	0.6
8	☐	1.000		216463.52		P	0.3
9	☐	1.000		229627.41		P	0.2

159 Tb (ISTD) [No Gas]

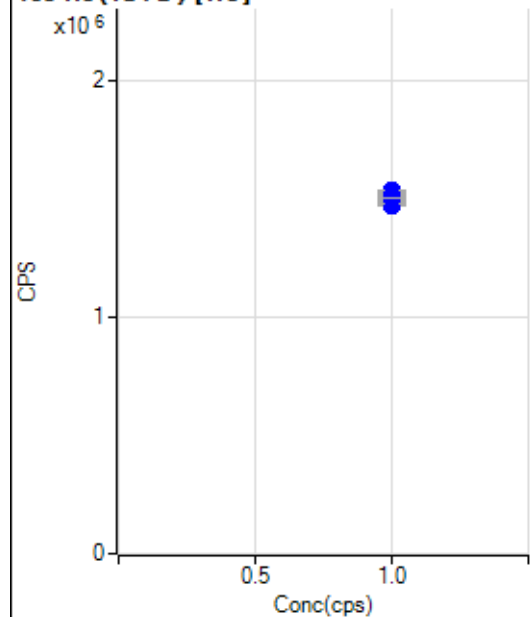
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7510919.19		A	1.4
2	☐	1.000					
3	☐	1.000		7338526.77		A	0.6
4	☐	1.000		7296729.48		A	0.6
5	☐	1.000		7391974.13		A	0.7
6	☐	1.000		7727234.75		A	0.8
7	☐	1.000		7850261.34		A	0.9
8	☐	1.000		8040646.34		A	0.9
9	☐	1.000		7848684.47		A	0.2

159 Tb (ISTD) [He]

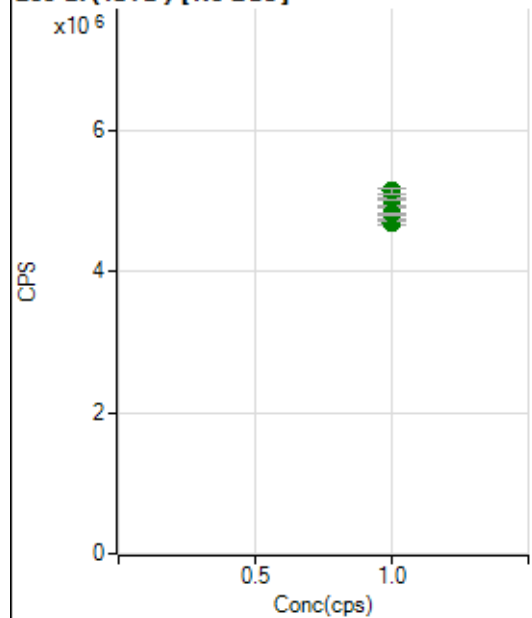
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1507276.00		P	0.4
2	☐	1.000					
3	☐	1.000		1460253.19		P	0.1
4	☐	1.000		1449331.64		P	0.4
5	☐	1.000		1454014.77		P	0.9
6	☐	1.000		1489353.29		P	0.9
7	☐	1.000		1443916.39		P	1.5
8	☐	1.000		1453425.98		P	0.5
9	☐	1.000		1470262.88		P	0.2

165 Ho (ISTD) [No Gas]

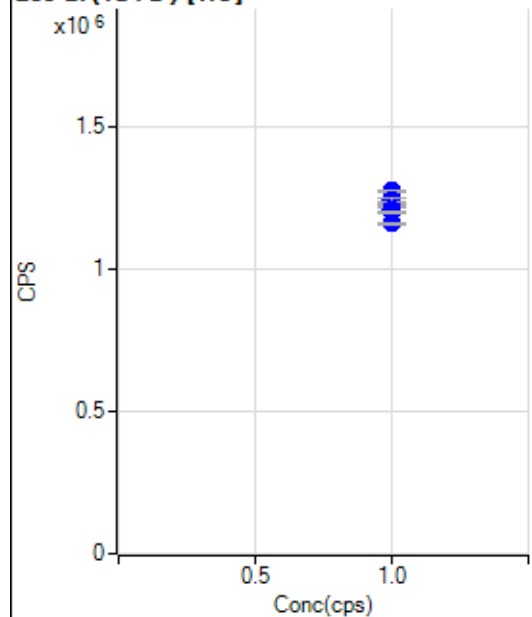
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7227210.23		A	0.9
2	☐	1.000					
3	☐	1.000		6986937.66		A	0.9
4	☐	1.000		7007673.42		A	0.4
5	☐	1.000		7080622.29		A	0.5
6	☐	1.000		7414028.03		A	0.3
7	☐	1.000		7529004.77		A	1.8
8	☐	1.000		7733684.03		A	0.9
9	☐	1.000		7588160.32		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1536176.00		P	0.4
2	☐	1.000					
3	☐	1.000		1494665.69		P	0.3
4	☐	1.000		1475295.60		P	0.3
5	☐	1.000		1478693.94		P	0.6
6	☐	1.000		1517613.14		P	0.4
7	☐	1.000		1480169.75		P	0.9
8	☐	1.000		1485461.35		P	0.4
9	☐	1.000		1508564.68		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4829647.71		A	0.5
2	☐	1.000					
3	☐	1.000		4714443.36		A	0.2
4	☐	1.000		4706163.50		A	1.1
5	☐	1.000		4731136.91		A	0.3
6	☐	1.000		4939723.12		A	0.6
7	☐	1.000		5044412.88		A	0.8
8	☐	1.000		5150878.12		A	1.3
9	☐	1.000		4819981.66		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1272968.41		P	0.3
2	☐	1.000					
3	☐	1.000		1235869.22		P	0.1
4	☐	1.000		1223834.54		P	0.5
5	☐	1.000		1217910.02		P	0.3
6	☐	1.000		1242678.45		P	0.8
7	☐	1.000		1205441.37		P	1.0
8	☐	1.000		1198933.29		P	0.4
9	☐	1.000		1157877.47		P	0.2

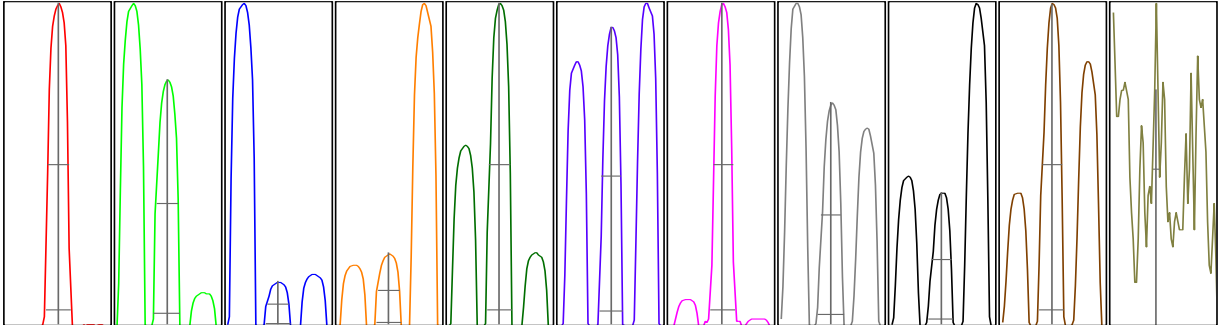
US EPA Tune Check Sample Report

Batch Folder D:\P8103117-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4349	0.69	5.00	
24	21908	0.29	5.00	
25	2949	0.65	5.00	
26	3499	0.87	5.00	
59	51151	0.63	5.00	
113	6810	0.31	5.00	
115	88656	0.61	5.00	
206	20220	0.70	5.00	
207	17951	0.55	5.00	
208	43597	0.42	5.00	
220	1	24.68		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4402	4343	4334	4329	4335
24	22014	21884	21844	21886	21912
25	2974	2936	2925	2960	2950
26	3552	3496	3482	3488	3477
59	51593	50863	51182	50808	51306
113	6819	6786	6827	6828	6787
115	88379	88511	88421	89617	88349
206	20324	20179	20133	20059	20407
207	18061	17826	17910	17916	18044
208	43437	43500	43490	43679	43880
220	1	1	2	1	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	7391	9.05	8.9 - 9.1		0.737	0.900	
24	35907	24.00	23.9 - 24.1		0.743	0.900	
25	4836	25.00	24.9 - 25.1		0.741	0.900	
26	5739	26.00	25.9 - 26.1		0.741	0.900	
59	87668	59.00	58.9 - 59.1		0.737	0.900	
113	12727	113.05	112.9 - 113.1		0.687	0.900	
115	165801	115.05	114.9 - 115.1		0.731	0.900	
206	37594	206.00	205.9 - 206.1		0.761	0.900	
207	33386	207.00	206.9 - 207.1		0.735	0.900	
208	80625	208.00	207.9 - 208.1		0.736	0.900	
220	2	219.80	-				

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	10.2	V	Deflect	14.0	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6319	0.58	
89	1332	0.76	
205	9351	0.89	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6378	6314	6322	6282	6296
89	1349	1329	1325	1333	1323
205	9484	9344	9349	9321	9258

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	10.2	V	Deflect	2.2	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	-1.08	0.52	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.37	-0.24	-0.12	0.00	N/A	ppb
Boron	11-1	-0.26	0.30	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.33	-0.30	-0.02	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	10.02	1.35	-11.37	0.00	N/A	ppb
Calcium	44-1	0.52	-1.28	0.76	0.00	N/A	ppb
Chromium	52-2	0.06	-0.08	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.09	0.07	-0.16	0.00	N/A	ppb
Iron	57-2	0.35	0.26	-0.62	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.97	2.00	-1.04	0.00	N/A	ppb
Manganese	55-2	-0.03	0.00	0.03	0.00	N/A	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	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	0.03	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-0.50	-24.57	-24.57	-16.55		ppb
Potassium	39-2	-5.58	-1.09	6.67	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	4.11	0.00	N/A	ppb
Selenium	78-2	-0.32	-0.32	0.64	0.00	N/A	ppb
Selenium	82-1	-0.29	-0.40	0.69	0.00	N/A	ppb
Silicon	28-1	4.51	-1.68	-2.83	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.69	2.16	-1.47	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	33.44	-584.41	-717.18	-422.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.04	0.01	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	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	-0.05	0.01	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

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

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.91	24.05	22.50	22.48	7.00	ppb
Antimony	121-1	1.83	1.83	1.88	1.85	1.64	ppb
Arsenic	75-2	1.12	0.83	0.90	0.95	16.23	ppb
Barium	135-1	9.12	9.15	9.33	9.20	1.20	ppb
Barium	137-1	9.38	9.21	9.24	9.28	0.93	ppb
Beryllium	9-1	0.99	0.94	1.08	1.01	7.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.05	24.54	24.92	23.50	9.07	ppb
Boron	11-1	22.63	22.84	24.71	23.39	4.90	ppb
Cadmium	111-1	0.86	0.97	0.95	0.93	6.02	ppb
Cadmium	106-1	0.28	0.48	0.22	0.33	42.14	ppb
Cadmium	108-1	0.96	0.92	1.40	1.09	24.41	ppb
Calcium	43-1	433.82	419.03	440.61	431.15	2.56	ppb
Calcium	44-1	438.92	436.63	433.92	436.49	0.57	ppb
Chromium	52-2	1.77	2.04	2.22	2.01	11.19	ppb
Cobalt	59-2	0.92	0.94	0.92	0.92	1.57	ppb
Copper	63-2	1.92	1.80	1.73	1.82	5.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.28	48.63	47.12	47.34	2.52	ppb
Iron	57-2	42.12	43.60	45.27	43.66	3.61	ppb
Lead	206-1	0.93	0.87	0.92	0.91	4.00	ppb
Lead	207-1	0.94	0.91	0.94	0.93	1.97	ppb
Lead	208-1	0.91	0.91	0.91	0.91	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	471.03	481.71	491.42	481.39	2.12	ppb
Manganese	55-2	1.26	1.01	1.02	1.10	13.10	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.00	1.94	1.91	1.95	2.23	ppb
Molybdenum	95-1	4.54	4.50	4.19	4.41	4.31	ppb
Molybdenum	96-1	3.89	3.74	3.77	3.80	2.10	ppb
Molybdenum	97-1	4.34	4.35	4.26	4.32	1.17	ppb
Molybdenum	98-1	4.43	4.29	4.31	4.35	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.03	1.07	1.08	5.44	ppb
Phosphorus	31-2	0.25	49.24	0.15	16.55	171.10	ppb
Potassium	39-2	454.98	469.56	474.75	466.43	2.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.28	4.27	-2.06	2.17	168.77	ppb
Selenium	78-2	7.58	8.57	6.60	7.58	12.97	ppb
Selenium	82-1	5.15	4.68	4.90	4.91	4.85	ppb
Silicon	28-1	26.42	23.95	23.17	24.51	6.93	ppb
Silver	109-1	0.96	0.96	0.99	0.97	1.86	ppb
Silver	107-1	0.93	1.00	1.00	0.98	3.88	ppb
Sodium	23-2	478.55	467.58	470.56	472.23	1.20	ppb
Strontium	86-1	1.05	1.00	0.89	0.98	8.35	ppb
Strontium	88-1	0.93	0.97	0.89	0.93	3.99	ppb
Sulfur	34-1	510.50	367.57	390.08	422.72	18.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.89	0.93	0.97	0.93	4.27	ppb
Thallium	205-1	0.92	0.91	0.90	0.91	1.20	ppb
Tin	118-1	4.53	4.60	4.86	4.66	3.69	ppb
Titanium	47-1	4.67	4.50	4.46	4.54	2.49	ppb
Uranium	238-1	0.87	0.83	0.83	0.84	2.84	ppb
Vanadium	51-2	4.64	4.28	4.69	4.54	4.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.21	2.65	1.85	1.90	38.00	ppb
Zirconium	90-1	0.89	0.90	0.91	0.90	0.87	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.92	0.85	0.88	4.28	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:03:03	DataFile Name :	006CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	995.43	986.42	1016.74	999.53	1.56	ppb
Antimony	121-1	51.69	50.98	51.50	51.39	0.71	ppb
Arsenic	75-2	50.47	52.35	50.15	50.99	2.33	ppb
Barium	135-1	261.07	256.72	257.45	258.41	0.90	ppb
Barium	137-1	257.83	254.35	256.90	256.36	0.70	ppb
Beryllium	9-1	54.32	55.31	53.24	54.29	1.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	50.17	55.18	52.61	52.66	4.76	ppb
Boron	11-1	50.62	52.42	51.12	51.39	1.80	ppb
Cadmium	111-1	53.14	52.53	53.53	53.07	0.95	ppb
Cadmium	106-1	54.06	52.44	54.64	53.71	2.12	ppb
Cadmium	108-1	55.82	52.73	50.10	52.88	5.42	ppb
Calcium	43-1	5090.32	5021.20	5062.63	5058.05	0.69	ppb
Calcium	44-1	5066.41	5039.34	5071.69	5059.15	0.34	ppb
Chromium	52-2	50.86	50.80	50.62	50.76	0.24	ppb
Cobalt	59-2	50.46	49.99	48.45	49.63	2.11	ppb
Copper	63-2	99.42	98.56	96.50	98.16	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2669.98	2650.59	2612.80	2644.46	1.10	ppb
Iron	57-2	2588.77	2651.61	2561.53	2600.64	1.78	ppb
Lead	206-1	49.50	49.15	49.00	49.22	0.53	ppb
Lead	207-1	49.10	48.79	48.08	48.66	1.08	ppb
Lead	208-1	49.05	48.80	48.27	48.71	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	5304.72	5269.90	5293.01	5289.21	0.33	ppb
Manganese	55-2	101.99	99.95	99.67	100.53	1.26	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:03:03	DataFile Name :	006CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.10	50.55	50.27	50.30	0.45	ppb
Molybdenum	95-1	49.85	48.62	49.51	49.33	1.29	ppb
Molybdenum	96-1	48.52	48.35	49.17	48.68	0.89	ppb
Molybdenum	97-1	48.41	49.80	50.14	49.45	1.85	ppb
Molybdenum	98-1	48.88	49.26	49.32	49.15	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.29	50.32	49.72	50.11	0.67	ppb
Phosphorus	31-2	822.47	768.15	958.25	849.62	11.53	ppb
Potassium	39-2	2751.55	2610.88	2687.85	2683.43	2.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	94.55	36.84	36.01	55.80	60.14	ppb
Selenium	78-2	44.83	43.11	55.04	47.66	13.53	ppb
Selenium	82-1	54.00	51.93	51.19	52.37	2.78	ppb
Silicon	28-1	70.91	73.48	71.63	72.00	1.84	ppb
Silver	109-1	53.86	53.16	53.92	53.65	0.79	ppb
Silver	107-1	53.85	53.40	54.30	53.85	0.84	ppb
Sodium	23-2	5275.16	5275.75	5180.72	5243.88	1.04	ppb
Strontium	86-1	50.16	51.60	49.40	50.38	2.22	ppb
Strontium	88-1	50.95	50.88	51.20	51.01	0.33	ppb
Sulfur	34-1	1604.61	1652.45	1537.93	1598.33	3.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.85	48.67	48.28	48.60	0.60	ppb
Thallium	205-1	49.19	49.10	48.78	49.02	0.43	ppb
Tin	118-1	51.73	51.50	51.73	51.65	0.26	ppb
Titanium	47-1	50.31	50.27	49.80	50.13	0.57	ppb
Uranium	238-1	47.45	47.26	46.69	47.13	0.83	ppb
Vanadium	51-2	51.02	50.05	50.25	50.44	1.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	97.93	100.97	97.39	98.76	1.95	ppb
Zirconium	90-1	49.35	50.58	50.32	50.08	1.29	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:03:03	DataFile Name :	006CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.98	49.66	50.08	49.57	1.12	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:06:33	DataFile Name :	007CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2495.63	2578.59	2456.13	2510.11	2.49	ppb
Antimony	121-1	129.18	126.19	128.37	127.91	1.21	ppb
Arsenic	75-2	126.97	126.42	128.47	127.29	0.84	ppb
Barium	135-1	647.61	633.51	645.44	642.19	1.18	ppb
Barium	137-1	653.50	640.63	649.33	647.82	1.01	ppb
Beryllium	9-1	133.73	131.74	130.06	131.84	1.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.54	124.97	128.92	125.14	2.95	ppb
Boron	11-1	125.58	124.39	126.80	125.59	0.96	ppb
Cadmium	111-1	132.39	127.06	131.08	130.18	2.13	ppb
Cadmium	106-1	133.08	130.17	132.04	131.76	1.12	ppb
Cadmium	108-1	133.70	127.89	129.15	130.24	2.35	ppb
Calcium	43-1	12468.55	12570.78	12248.64	12429.32	1.32	ppb
Calcium	44-1	12464.58	12412.91	12235.30	12370.93	0.97	ppb
Chromium	52-2	125.09	123.82	122.72	123.88	0.96	ppb
Cobalt	59-2	122.99	123.59	121.72	122.77	0.78	ppb
Copper	63-2	241.94	241.42	235.89	239.75	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6578.02	6544.21	6500.22	6540.82	0.60	ppb
Iron	57-2	6377.54	6261.49	6279.58	6306.21	0.99	ppb
Lead	206-1	122.91	123.82	124.34	123.69	0.58	ppb
Lead	207-1	120.67	122.01	121.88	121.52	0.61	ppb
Lead	208-1	121.73	122.23	122.36	122.11	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	12690.61	12834.44	12677.41	12734.15	0.68	ppb
Manganese	55-2	249.33	249.70	245.34	248.12	0.97	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:06:33	DataFile Name :	007CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.95	124.73	124.77	124.48	0.37	ppb
Molybdenum	95-1	122.21	121.93	121.48	121.87	0.30	ppb
Molybdenum	96-1	121.33	122.94	121.74	122.00	0.69	ppb
Molybdenum	97-1	121.70	122.83	123.89	122.80	0.89	ppb
Molybdenum	98-1	121.55	123.20	122.49	122.42	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.57	121.77	121.72	122.36	0.86	ppb
Phosphorus	31-2	2646.46	2773.71	2449.07	2623.08	6.24	ppb
Potassium	39-2	6538.65	6350.51	6357.55	6415.57	1.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	122.39	127.60	119.64	123.21	3.28	ppb
Selenium	78-2	154.82	118.87	125.44	133.05	14.39	ppb
Selenium	82-1	126.59	128.75	125.52	126.96	1.30	ppb
Silicon	28-1	161.77	162.98	158.22	160.99	1.54	ppb
Silver	109-1	133.84	130.41	132.49	132.25	1.30	ppb
Silver	107-1	133.48	132.47	133.10	133.02	0.38	ppb
Sodium	23-2	12862.68	12689.71	12642.44	12731.61	0.91	ppb
Strontium	86-1	122.54	123.50	122.66	122.90	0.43	ppb
Strontium	88-1	124.71	127.99	127.59	126.76	1.41	ppb
Sulfur	34-1	3061.54	3163.46	2841.23	3022.08	5.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.32	122.53	123.42	122.75	0.48	ppb
Thallium	205-1	124.54	126.05	127.40	125.99	1.14	ppb
Tin	118-1	129.02	126.15	127.43	127.53	1.13	ppb
Titanium	47-1	123.79	126.59	123.53	124.64	1.36	ppb
Uranium	238-1	122.56	122.63	122.97	122.72	0.18	ppb
Vanadium	51-2	123.03	123.03	122.00	122.69	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	250.98	254.88	244.52	250.13	2.09	ppb
Zirconium	90-1	125.51	125.74	124.75	125.33	0.41	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:06:33	DataFile Name :	007CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.84	124.93	122.10	123.29	1.19	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5059.43	4754.90	4833.66	4882.66	3.24	ppb
Antimony	121-1	259.17	259.19	259.72	259.36	0.12	ppb
Arsenic	75-2	257.98	257.16	257.90	257.68	0.18	ppb
Barium	135-1	1290.41	1296.53	1286.09	1291.01	0.41	ppb
Barium	137-1	1264.54	1292.91	1271.36	1276.27	1.16	ppb
Beryllium	9-1	261.36	259.80	263.14	261.43	0.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.46	250.75	263.46	252.22	4.19	ppb
Boron	11-1	251.03	255.96	254.79	253.93	1.01	ppb
Cadmium	111-1	257.25	261.37	256.88	258.50	0.96	ppb
Cadmium	106-1	254.51	267.17	262.23	261.30	2.44	ppb
Cadmium	108-1	263.13	257.12	256.35	258.87	1.43	ppb
Calcium	43-1	25066.43	24978.45	25102.15	25049.01	0.25	ppb
Calcium	44-1	25145.52	24774.64	25014.62	24978.26	0.75	ppb
Chromium	52-2	245.24	240.83	245.77	243.95	1.11	ppb
Cobalt	59-2	241.56	239.12	244.16	241.61	1.04	ppb
Copper	63-2	474.52	476.03	473.50	474.68	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12853.07	12796.25	12777.42	12808.91	0.31	ppb
Iron	57-2	12487.85	12542.51	12442.99	12491.12	0.40	ppb
Lead	206-1	248.84	250.51	246.49	248.61	0.81	ppb
Lead	207-1	244.78	246.45	244.40	245.21	0.45	ppb
Lead	208-1	249.69	251.52	247.96	249.72	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	25497.49	25033.97	24889.58	25140.35	1.26	ppb
Manganese	55-2	493.76	490.21	490.38	491.45	0.41	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.72	255.37	253.26	253.78	0.55	ppb
Molybdenum	95-1	247.11	247.67	244.62	246.47	0.66	ppb
Molybdenum	96-1	245.89	245.53	245.89	245.77	0.08	ppb
Molybdenum	97-1	248.77	246.24	248.35	247.78	0.55	ppb
Molybdenum	98-1	245.54	244.32	244.19	244.68	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.09	242.98	245.17	244.41	0.51	ppb
Phosphorus	31-2	4928.96	4586.11	5341.10	4952.06	7.63	ppb
Potassium	39-2	12527.37	12383.52	12646.76	12519.22	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	246.77	326.84	256.82	276.81	15.76	ppb
Selenium	78-2	259.16	280.04	266.90	268.70	3.93	ppb
Selenium	82-1	254.65	256.79	254.63	255.36	0.49	ppb
Silicon	28-1	279.34	273.39	278.84	277.19	1.19	ppb
Silver	109-1	267.12	266.26	265.66	266.35	0.28	ppb
Silver	107-1	266.32	268.12	264.01	266.15	0.77	ppb
Sodium	23-2	25712.56	25216.29	25217.52	25382.12	1.13	ppb
Strontium	86-1	247.57	249.81	247.32	248.23	0.55	ppb
Strontium	88-1	254.16	254.23	249.08	252.49	1.17	ppb
Sulfur	34-1	5626.20	5352.33	5210.33	5396.29	3.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.68	248.30	245.85	247.27	0.51	ppb
Thallium	205-1	253.50	249.17	248.51	250.39	1.08	ppb
Tin	118-1	252.60	254.72	253.82	253.71	0.42	ppb
Titanium	47-1	256.78	247.86	251.19	251.94	1.79	ppb
Uranium	238-1	243.55	245.12	242.05	243.57	0.63	ppb
Vanadium	51-2	240.95	241.31	240.79	241.02	0.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	485.53	484.21	479.98	483.24	0.60	ppb
Zirconium	90-1	257.18	253.51	251.77	254.16	1.09	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.10	248.10	245.30	247.17	0.66	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:13:25	DataFile Name :	009CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10234.08	10068.34	9870.39	10057.60	1.81	ppb
Antimony	121-1	515.59	509.25	511.85	512.23	0.62	ppb
Arsenic	75-2	506.12	496.97	507.04	503.37	1.11	ppb
Barium	135-1	2572.95	2563.64	2572.25	2569.62	0.20	ppb
Barium	137-1	2537.55	2509.96	2509.50	2519.01	0.64	ppb
Beryllium	9-1	510.64	511.10	505.41	509.05	0.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.77	511.87	506.17	500.60	2.97	ppb
Boron	11-1	492.20	501.81	509.16	501.06	1.70	ppb
Cadmium	111-1	509.07	506.48	506.32	507.29	0.30	ppb
Cadmium	106-1	506.01	505.26	514.82	508.70	1.04	ppb
Cadmium	108-1	518.22	506.97	516.73	513.97	1.19	ppb
Calcium	43-1	49930.59	50291.79	50428.59	50216.99	0.51	ppb
Calcium	44-1	49640.47	50067.96	50013.56	49907.33	0.47	ppb
Chromium	52-2	510.98	495.55	505.52	504.02	1.55	ppb
Cobalt	59-2	511.23	493.08	504.51	502.94	1.82	ppb
Copper	63-2	1010.26	975.67	992.08	992.67	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27162.39	26034.89	26366.91	26521.40	2.18	ppb
Iron	57-2	26402.86	25653.73	25864.20	25973.60	1.49	ppb
Lead	206-1	508.25	509.62	510.62	509.50	0.23	ppb
Lead	207-1	504.16	499.62	506.79	503.52	0.72	ppb
Lead	208-1	504.58	506.70	506.60	505.96	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	52837.78	50902.70	51723.17	51821.22	1.87	ppb
Manganese	55-2	1038.47	1009.11	1016.59	1021.39	1.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:13:25	DataFile Name :	009CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.61	506.17	509.72	509.17	0.54	ppb
Molybdenum	95-1	500.02	508.29	509.63	505.98	1.03	ppb
Molybdenum	96-1	506.67	502.03	510.39	506.36	0.83	ppb
Molybdenum	97-1	497.57	496.68	504.46	499.57	0.85	ppb
Molybdenum	98-1	505.73	505.47	509.51	506.90	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.00	498.95	506.24	505.40	1.20	ppb
Phosphorus	31-2	9429.36	9516.91	9866.95	9604.41	2.41	ppb
Potassium	39-2	25992.14	24830.30	25713.28	25511.91	2.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	578.18	552.21	485.25	538.55	8.90	ppb
Selenium	78-2	481.53	494.42	498.50	491.48	1.80	ppb
Selenium	82-1	505.83	507.27	517.59	510.23	1.26	ppb
Silicon	28-1	516.46	510.73	505.54	510.91	1.07	ppb
Silver	109-1	521.83	516.52	511.61	516.66	0.99	ppb
Silver	107-1	519.72	515.65	515.37	516.91	0.47	ppb
Sodium	23-2	53545.63	51230.33	51603.23	52126.40	2.38	ppb
Strontium	86-1	498.05	498.15	504.71	500.30	0.76	ppb
Strontium	88-1	499.31	502.31	507.22	502.95	0.79	ppb
Sulfur	34-1	9890.67	9691.78	9924.14	9835.53	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.39	504.46	507.37	505.07	0.41	ppb
Thallium	205-1	502.68	495.86	503.53	500.69	0.84	ppb
Tin	118-1	514.05	510.46	509.76	511.42	0.45	ppb
Titanium	47-1	495.61	497.66	506.79	500.02	1.19	ppb
Uranium	238-1	495.84	490.95	491.02	492.60	0.57	ppb
Vanadium	51-2	508.19	490.54	503.13	500.62	1.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1023.22	998.99	1000.25	1007.49	1.35	ppb
Zirconium	90-1	496.76	506.42	502.73	501.97	0.97	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:13:25	DataFile Name :	009CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.14	497.28	501.67	498.37	0.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:16:42	DataFile Name :	010CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20216.73	19228.50	19613.29	19686.17	2.53	ppb
Antimony	121-1	1000.78	984.49	988.06	991.11	0.86	ppb
Arsenic	75-2	996.11	997.66	994.41	996.06	0.16	ppb
Barium	135-1	5012.28	4954.48	4890.36	4952.37	1.23	ppb
Barium	137-1	5037.03	4952.83	4952.42	4980.76	0.98	ppb
Beryllium	9-1	1005.62	991.73	977.29	991.55	1.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	996.77	1003.33	996.99	999.03	0.37	ppb
Boron	11-1	991.78	996.88	1006.50	998.39	0.75	ppb
Cadmium	111-1	997.88	983.21	999.20	993.43	0.89	ppb
Cadmium	106-1	1004.61	983.98	986.80	991.80	1.13	ppb
Cadmium	108-1	995.17	982.56	992.26	990.00	0.67	ppb
Calcium	43-1	102188.18	101649.19	100287.03	101374.80	0.97	ppb
Calcium	44-1	100835.64	100495.87	98465.60	99932.37	1.28	ppb
Chromium	52-2	1011.09	1006.89	980.85	999.61	1.64	ppb
Cobalt	59-2	1014.35	1002.58	985.84	1000.93	1.43	ppb
Copper	63-2	2024.70	2033.66	1975.74	2011.37	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53234.73	52947.60	51775.25	52652.53	1.47	ppb
Iron	57-2	52538.41	51756.30	51012.67	51769.13	1.47	ppb
Lead	206-1	1003.29	999.91	984.21	995.80	1.02	ppb
Lead	207-1	997.60	1005.52	996.69	999.94	0.49	ppb
Lead	208-1	1003.25	1000.85	988.45	997.52	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	105832.51	102607.44	101435.66	103291.87	2.20	ppb
Manganese	55-2	2014.11	2003.98	1956.86	1991.65	1.53	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:16:42	DataFile Name :	010CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	998.09	1002.94	982.58	994.54	1.07	ppb
Molybdenum	95-1	997.10	1003.13	994.74	998.32	0.43	ppb
Molybdenum	96-1	1000.53	1003.00	991.45	998.32	0.61	ppb
Molybdenum	97-1	998.62	1012.09	992.51	1001.07	1.00	ppb
Molybdenum	98-1	1002.79	1008.79	983.15	998.25	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1008.53	1006.01	982.53	999.02	1.44	ppb
Phosphorus	31-2	20603.81	21215.63	18786.30	20201.92	6.25	ppb
Potassium	39-2	50021.67	49655.07	48792.19	49489.64	1.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1042.05	930.88	948.98	973.97	6.12	ppb
Selenium	78-2	971.48	1046.81	977.75	998.68	4.19	ppb
Selenium	82-1	992.70	1003.15	983.70	993.18	0.98	ppb
Silicon	28-1	989.82	981.14	975.05	982.00	0.76	ppb
Silver	109-1	984.94	982.42	992.14	986.50	0.51	ppb
Silver	107-1	994.47	976.50	987.96	986.31	0.92	ppb
Sodium	23-2	102312.20	101614.03	99954.55	101293.59	1.20	ppb
Strontium	86-1	1003.25	1005.76	992.58	1000.53	0.70	ppb
Strontium	88-1	994.97	1007.38	990.55	997.63	0.87	ppb
Sulfur	34-1	20307.36	20060.27	19296.32	19887.99	2.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1004.21	1006.26	985.01	998.50	1.17	ppb
Thallium	205-1	1001.97	1002.44	994.03	999.48	0.47	ppb
Tin	118-1	997.68	990.50	990.72	992.96	0.41	ppb
Titanium	47-1	1009.53	1002.75	986.35	999.55	1.19	ppb
Uranium	238-1	1018.12	1002.39	996.69	1005.73	1.10	ppb
Vanadium	51-2	1015.97	1008.89	981.76	1002.20	1.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2018.86	2018.88	1963.73	2000.49	1.59	ppb
Zirconium	90-1	996.62	998.09	999.08	997.93	0.12	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:16:42	DataFile Name :	010CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.26	1005.77	996.25	1001.76	0.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99658.56	99383.82	101145.49	100062.62	0.95	ppb
Antimony	121-1	1.18	1.25	1.28	1.24	4.14	ppb
Arsenic	75-2	0.25	0.25	0.39	0.30	26.82	ppb
Barium	135-1	1.50	1.33	1.39	1.41	6.37	ppb
Barium	137-1	1.41	1.30	1.35	1.35	4.03	ppb
Beryllium	9-1	0.30	0.30	0.24	0.28	13.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.65	40.05	39.80	42.83	11.77	ppb
Boron	11-1	44.77	42.80	39.07	42.21	6.86	ppb
Cadmium	111-1	0.16	0.14	0.11	0.13	18.56	ppb
Cadmium	106-1	0.23	-0.30	-0.01	-0.03		ppb
Cadmium	108-1	0.09	0.02	0.24	0.12	94.50	ppb
Calcium	43-1	501429.92	503100.90	494575.62	499702.15	0.90	ppb
Calcium	44-1	503099.05	498995.43	497985.26	500026.58	0.54	ppb
Chromium	52-2	12.38	12.81	12.82	12.67	1.97	ppb
Cobalt	59-2	1.16	1.00	1.13	1.09	7.85	ppb
Copper	63-2	2.53	2.72	2.85	2.70	6.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	248776.54	247687.48	251415.56	249293.19	0.77	ppb
Iron	57-2	248932.60	248148.67	251559.27	249546.85	0.72	ppb
Lead	206-1	1.37	1.40	1.38	1.38	1.22	ppb
Lead	207-1	1.31	1.26	1.26	1.28	2.06	ppb
Lead	208-1	1.33	1.34	1.34	1.34	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	496819.70	494402.53	506209.05	499143.76	1.25	ppb
Manganese	55-2	5.30	6.19	5.71	5.73	7.81	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CAL5_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.81	0.76	0.78	0.78	3.40	ppb
Molybdenum	95-1	2.31	2.26	2.20	2.26	2.51	ppb
Molybdenum	96-1	2.32	2.15	2.37	2.28	5.17	ppb
Molybdenum	97-1	2.08	2.24	2.26	2.19	4.47	ppb
Molybdenum	98-1	2.25	2.14	2.05	2.14	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.35	9.41	10.04	9.93	4.80	ppb
Phosphorus	31-2	-24.57	1.69	28.75	1.96	1363.00	ppb
Potassium	39-2	249280.59	247130.92	253720.53	250044.01	1.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	4.46	4.48	2.30	164.14	ppb
Selenium	78-2	0.71	0.70	0.70	0.70	1.17	ppb
Selenium	82-1	0.84	0.85	1.12	0.93	16.94	ppb
Silicon	28-1	67.41	74.70	73.28	71.80	5.38	ppb
Silver	109-1	0.12	0.10	0.11	0.11	11.20	ppb
Silver	107-1	0.11	0.09	0.11	0.10	12.21	ppb
Sodium	23-2	494276.56	495415.74	508811.71	499501.33	1.62	ppb
Strontium	86-1	35.31	36.05	33.93	35.09	3.07	ppb
Strontium	88-1	35.65	35.69	35.04	35.46	1.03	ppb
Sulfur	34-1	-1210.72	-1399.62	-1426.58	-1345.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.46	0.38	0.39	0.41	10.40	ppb
Thallium	205-1	0.44	0.38	0.38	0.40	8.77	ppb
Tin	118-1	0.98	0.93	0.95	0.95	2.56	ppb
Titanium	47-1	0.34	0.50	0.52	0.45	21.91	ppb
Uranium	238-1	0.05	0.04	0.04	0.05	11.36	ppb
Vanadium	51-2	0.14	0.12	0.22	0.16	32.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.75	10.00	8.51	9.75	11.73	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	4.09	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CALS_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.09	0.09	0.10	17.70	ppb

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:25:51 DataFile Name : 012ICV01_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	422.98	496.57	511.39	476.98	9.93	ppb
Antimony	121-1	199.86	200.11	207.75	202.58	2.21	ppb
Arsenic	75-2	197.30	196.77	195.16	196.41	0.57	ppb
Barium	135-1	98.75	99.93	105.47	101.39	3.54	ppb
Barium	137-1	99.36	98.13	105.42	100.97	3.87	ppb
Beryllium	9-1	94.84	98.11	103.99	98.98	4.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	446.69	467.89	498.78	471.12	5.56	ppb
Boron	11-1	444.65	465.17	505.15	471.66	6.52	ppb
Cadmium	111-1	102.87	100.84	110.33	104.68	4.77	ppb
Cadmium	106-1	155.12	147.45	161.13	154.57	4.44	ppb
Cadmium	108-1	132.85	130.48	136.70	133.34	2.36	ppb
Calcium	43-1	2083.23	2115.43	2185.42	2128.03	2.46	ppb
Calcium	44-1	2048.32	2019.95	2172.90	2080.39	3.91	ppb
Chromium	52-2	94.73	97.11	95.43	95.76	1.28	ppb
Cobalt	59-2	95.96	98.20	97.73	97.30	1.22	ppb
Copper	63-2	93.81	97.06	94.63	95.17	1.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	991.83	1026.55	1015.97	1011.45	1.76	ppb
Iron	57-2	976.73	1005.65	1000.36	994.24	1.55	ppb
Lead	206-1	195.09	195.29	213.07	201.15	5.13	ppb
Lead	207-1	185.59	185.56	201.69	190.95	4.87	ppb
Lead	208-1	193.91	194.27	210.31	199.50	4.69	ppb
Lithium	6-1						%
Magnesium	24-2	1228.76	1195.88	1212.20	1212.28	1.36	ppb
Manganese	55-2	94.24	98.60	98.24	97.03	2.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:25:51	DataFile Name :	012ICV01_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	482.25	475.81	521.94	493.33	5.06	ppb
Molybdenum	95-1	474.63	468.90	515.57	486.37	5.23	ppb
Molybdenum	96-1	478.41	478.67	518.09	491.72	4.64	ppb
Molybdenum	97-1	468.56	464.21	505.74	479.51	4.76	ppb
Molybdenum	98-1	473.59	471.21	517.50	487.43	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.78	98.90	97.29	97.66	1.13	ppb
Phosphorus	31-2	-24.57	1.99	-24.57	-15.72		ppb
Potassium	39-2	1963.70	1983.01	1960.53	1969.08	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	247.26	222.68	181.66	217.20	15.26	ppb
Selenium	78-2	239.93	191.24	214.37	215.18	11.32	ppb
Selenium	82-1	200.23	200.41	215.51	205.38	4.27	ppb
Silicon	28-1	476.42	461.27	514.21	483.96	5.63	ppb
Silver	109-1	101.12	100.66	108.78	103.52	4.41	ppb
Silver	107-1	101.61	102.27	108.11	104.00	3.44	ppb
Sodium	23-2	2019.41	2098.16	2064.14	2060.57	1.92	ppb
Strontium	86-1	471.60	471.26	514.80	485.89	5.15	ppb
Strontium	88-1	475.22	476.71	520.15	490.69	5.20	ppb
Sulfur	34-1	-1183.48	-1401.65	-550.71	-1045.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	198.94	197.71	212.63	203.09	4.08	ppb
Thallium	205-1	201.18	201.02	220.04	207.42	5.27	ppb
Tin	118-1	486.05	491.38	528.47	501.97	4.60	ppb
Titanium	47-1	469.59	468.34	502.25	480.06	4.00	ppb
Uranium	238-1	488.40	486.46	529.15	501.34	4.81	ppb
Vanadium	51-2	93.18	98.34	96.38	95.97	2.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	192.10	195.00	194.29	193.79	0.78	ppb
Zirconium	90-1	469.37	468.59	511.20	483.05	5.05	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:25:51	DataFile Name :	012ICV01_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	465.31	466.09	511.28	480.89	5.47	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:28:59	DataFile Name :	013CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.52	0.78	0.74	1.35	75.26	ppb
Antimony	121-1	0.12	0.12	0.14	0.13	10.02	ppb
Arsenic	75-2	-0.01	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.00	0.01	0.01	0.00	62.64	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.10	0.10	0.05	0.08	32.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.77	20.49	20.62	21.96	11.07	ppb
Boron	11-1	22.07	21.18	19.94	21.06	5.09	ppb
Cadmium	111-1	-0.02	-0.09	0.03	-0.02		ppb
Cadmium	106-1	-0.21	-1.12	0.20	-0.38		ppb
Cadmium	108-1	-0.01	0.06	-0.09	-0.02		ppb
Calcium	43-1	-15.75	-16.65	-21.27	-17.89		ppb
Calcium	44-1	5.66	3.20	3.92	4.26	29.67	ppb
Chromium	52-2	0.16	0.17	-0.01	0.11	98.56	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	0.02	0.02	31.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.01	2.58	2.79	2.79	7.77	ppb
Iron	57-2	1.13	2.84	2.74	2.24	42.77	ppb
Lead	206-1	0.05	0.05	0.07	0.06	13.53	ppb
Lead	207-1	0.07	0.05	0.05	0.06	23.95	ppb
Lead	208-1	0.05	0.04	0.04	0.04	18.31	ppb
Lithium	6-1						%
Magnesium	24-2	1.66	-0.54	2.14	1.09	131.43	ppb
Manganese	55-2	0.01	-0.01	0.09	0.03	164.05	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:28:59	DataFile Name :	013CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	21.94	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	28.15	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	18.78	ppb
Molybdenum	97-1	0.07	0.07	0.04	0.06	25.68	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	11.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.05	0.07	28.88	ppb
Phosphorus	31-2	-24.57	2.75	29.08	2.42	1109.44	ppb
Potassium	39-2	-6.14	21.43	10.91	8.73	159.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	0.70	-0.32	-0.32	0.02	3095.85	ppb
Selenium	82-1	1.19	0.11	0.52	0.60	90.65	ppb
Silicon	28-1	-16.97	-18.11	-15.27	-16.78		ppb
Silver	109-1	0.01	0.02	0.02	0.02	20.96	ppb
Silver	107-1	0.01	0.01	0.02	0.01	11.75	ppb
Sodium	23-2	78.61	99.61	81.32	86.51	13.21	ppb
Strontium	86-1	0.04	0.10	-0.01	0.04	130.61	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	17.74	ppb
Sulfur	34-1	-1501.66	-1491.88	-1566.48	-1520.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.11	0.09	0.10	9.94	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	11.94	ppb
Tin	118-1	0.20	0.09	0.11	0.13	46.59	ppb
Titanium	47-1	-0.01	0.02	0.02	0.01	140.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	129.95	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.64	0.53	0.38	0.52	24.84	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	91.61	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:28:59	DataFile Name :	013CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.02	0.01	200.76	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89628.64	88869.80	89063.17	89187.20	0.44	ppb
Antimony	121-1	1.08	1.10	1.18	1.12	4.70	ppb
Arsenic	75-2	0.41	0.23	0.19	0.28	42.22	ppb
Barium	135-1	1.55	1.57	1.43	1.52	5.31	ppb
Barium	137-1	1.34	1.45	1.48	1.42	5.12	ppb
Beryllium	9-1	0.41	0.38	0.35	0.38	7.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.65	16.95	17.00	16.87	1.12	ppb
Boron	11-1	17.25	16.48	16.07	16.60	3.60	ppb
Cadmium	111-1	0.10	0.29	0.24	0.21	44.95	ppb
Cadmium	106-1	-1.22	-0.37	-0.37	-0.65		ppb
Cadmium	108-1	7.89	7.15	7.30	7.45	5.25	ppb
Calcium	43-1	98128.91	98418.56	95717.17	97421.55	1.52	ppb
Calcium	44-1	96086.72	97420.96	94602.56	96036.75	1.47	ppb
Chromium	52-2	19.84	19.02	19.83	19.56	2.39	ppb
Cobalt	59-2	1.13	1.17	1.15	1.15	1.60	ppb
Copper	63-2	7.51	7.17	7.42	7.36	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100998.28	98152.54	99647.57	99599.46	1.43	ppb
Iron	57-2	99422.22	96928.94	98338.28	98229.82	1.27	ppb
Lead	206-1	4.98	4.78	4.65	4.80	3.45	ppb
Lead	207-1	4.24	4.08	4.18	4.17	1.99	ppb
Lead	208-1	4.51	4.38	4.36	4.42	1.77	ppb
Lithium	6-1						%
Magnesium	24-2	99908.52	96675.92	97398.93	97994.46	1.73	ppb
Manganese	55-2	8.38	7.64	6.66	7.56	11.45	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	580.24	591.81	575.93	582.66	1.41	ppb
Molybdenum	95-1	1853.28	1879.02	1848.62	1860.31	0.88	ppb
Molybdenum	96-1	1562.17	1573.90	1525.08	1553.72	1.64	ppb
Molybdenum	97-1	1888.40	1919.22	1873.44	1893.69	1.23	ppb
Molybdenum	98-1	1862.13	1888.99	1860.22	1870.44	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	4.97	4.98	5.17	6.31	ppb
Phosphorus	31-2	98749.68	95527.03	93587.74	95954.81	2.72	ppb
Potassium	39-2	96725.88	94520.66	95175.98	95474.17	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	0.72	1.80	0.73	144.63	ppb
Selenium	82-1	0.92	0.90	0.67	0.83	16.66	ppb
Silicon	28-1	19.99	20.43	18.06	19.49	6.46	ppb
Silver	109-1	0.11	0.10	0.12	0.11	9.37	ppb
Silver	107-1	0.10	0.09	0.11	0.10	6.45	ppb
Sodium	23-2	96964.96	94923.43	96550.80	96146.40	1.12	ppb
Strontium	86-1	33.08	33.18	32.57	32.94	0.98	ppb
Strontium	88-1	33.30	33.88	33.06	33.41	1.26	ppb
Sulfur	34-1	77960.25	78946.83	77506.90	78137.99	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.18	0.17	0.17	5.15	ppb
Thallium	205-1	0.16	0.18	0.21	0.18	13.82	ppb
Tin	118-1	0.23	0.22	0.19	0.21	9.24	ppb
Titanium	47-1	1934.24	1952.20	1953.70	1946.71	0.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.44	ppb
Vanadium	51-2	0.18	0.15	0.15	0.16	13.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.47	10.30	11.45	11.07	6.04	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	16.97	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.05	0.04	18.18	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90545.40	89412.02	87105.31	89020.91	1.97	ppb
Antimony	121-1	20.89	20.93	20.60	20.80	0.87	ppb
Arsenic	75-2	19.76	19.74	20.07	19.86	0.93	ppb
Barium	135-1	21.56	21.73	21.11	21.47	1.50	ppb
Barium	137-1	21.59	22.02	21.64	21.75	1.07	ppb
Beryllium	9-1	21.35	21.25	20.91	21.17	1.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.08	14.48	13.16	14.24	6.89	ppb
Boron	11-1	13.70	13.21	13.66	13.52	2.00	ppb
Cadmium	111-1	20.02	20.03	19.94	19.99	0.23	ppb
Cadmium	106-1	17.22	17.62	17.36	17.40	1.17	ppb
Cadmium	108-1	24.05	23.95	25.05	24.35	2.48	ppb
Calcium	43-1	99025.09	94762.59	97040.67	96942.78	2.20	ppb
Calcium	44-1	97313.19	95220.30	96364.63	96299.37	1.09	ppb
Chromium	52-2	38.82	38.48	38.08	38.46	0.97	ppb
Cobalt	59-2	20.75	20.54	20.21	20.50	1.33	ppb
Copper	63-2	26.34	26.13	25.88	26.12	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100292.12	98745.90	98676.81	99238.28	0.92	ppb
Iron	57-2	97885.71	96741.86	95466.37	96697.98	1.25	ppb
Lead	206-1	25.30	24.78	24.41	24.83	1.81	ppb
Lead	207-1	23.19	22.82	22.34	22.78	1.88	ppb
Lead	208-1	23.77	23.52	23.05	23.45	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	99945.86	98447.84	95416.30	97936.67	2.36	ppb
Manganese	55-2	27.64	26.98	26.07	26.90	2.93	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	586.28	571.86	590.72	582.95	1.69	ppb
Molybdenum	95-1	1863.13	1847.06	1868.73	1859.64	0.60	ppb
Molybdenum	96-1	1570.16	1536.65	1566.15	1557.65	1.17	ppb
Molybdenum	97-1	1892.89	1847.23	1895.55	1878.56	1.45	ppb
Molybdenum	98-1	1864.67	1820.12	1870.40	1851.73	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.67	24.27	24.50	24.48	0.82	ppb
Phosphorus	31-2	100983.45	98987.11	95804.28	98591.61	2.65	ppb
Potassium	39-2	99665.14	99134.45	96733.86	98511.15	1.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	43.17	17.20	17.25	25.87	57.90	ppb
Selenium	78-2	17.80	15.68	23.75	19.08	21.93	ppb
Selenium	82-1	20.03	20.17	20.90	20.37	2.30	ppb
Silicon	28-1	30.40	22.10	31.90	28.13	18.76	ppb
Silver	109-1	19.13	19.66	18.98	19.26	1.86	ppb
Silver	107-1	19.29	19.19	19.23	19.24	0.25	ppb
Sodium	23-2	98085.88	96138.84	94790.34	96338.35	1.72	ppb
Strontium	86-1	33.34	33.44	33.08	33.28	0.56	ppb
Strontium	88-1	33.85	33.61	33.47	33.64	0.57	ppb
Sulfur	34-1	80723.59	77945.82	79747.66	79472.36	1.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.57	20.12	20.00	20.23	1.50	ppb
Thallium	205-1	20.39	20.10	20.24	20.24	0.71	ppb
Tin	118-1	0.23	0.22	0.24	0.23	3.95	ppb
Titanium	47-1	1963.27	1907.00	1957.41	1942.56	1.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.20	ppb
Vanadium	51-2	20.24	19.08	18.83	19.38	3.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.31	27.15	29.70	28.72	4.79	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	26.83	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.02	0.04	55.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49666.11	49572.31	49359.56	49532.66	0.32	ppb
Antimony	121-1	510.55	515.03	506.35	510.64	0.85	ppb
Arsenic	75-2	504.21	507.19	508.47	506.62	0.43	ppb
Barium	135-1	2595.38	2609.84	2579.30	2594.84	0.59	ppb
Barium	137-1	2539.14	2599.13	2549.45	2562.57	1.25	ppb
Beryllium	9-1	525.91	522.07	518.24	522.08	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	512.05	501.94	521.45	511.81	1.91	ppb
Boron	11-1	515.54	525.07	525.72	522.11	1.09	ppb
Cadmium	111-1	500.39	504.63	496.58	500.53	0.80	ppb
Cadmium	106-1	504.78	517.59	509.29	510.55	1.27	ppb
Cadmium	108-1	502.74	508.29	502.76	504.60	0.63	ppb
Calcium	43-1	250361.99	250332.94	248039.89	249578.27	0.53	ppb
Calcium	44-1	250538.52	249394.17	248908.27	249613.65	0.34	ppb
Chromium	52-2	494.13	495.06	494.53	494.58	0.09	ppb
Cobalt	59-2	471.47	472.47	467.69	470.54	0.54	ppb
Copper	63-2	908.07	910.06	903.45	907.19	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121518.23	122284.35	121053.43	121618.67	0.51	ppb
Iron	57-2	119149.46	120179.39	119777.00	119701.95	0.43	ppb
Lead	206-1	518.43	519.51	509.78	515.91	1.03	ppb
Lead	207-1	516.64	508.96	519.33	514.97	1.05	ppb
Lead	208-1	513.98	509.70	514.44	512.71	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	246972.55	249521.69	248277.29	248257.18	0.51	ppb
Manganese	55-2	971.24	973.34	966.83	970.47	0.34	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	524.87	507.92	505.25	512.68	2.08	ppb
Molybdenum	95-1	511.66	508.49	505.92	508.69	0.57	ppb
Molybdenum	96-1	510.47	506.37	504.68	507.17	0.59	ppb
Molybdenum	97-1	503.04	498.79	496.01	499.28	0.71	ppb
Molybdenum	98-1	510.47	509.47	500.55	506.83	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.47	473.21	467.96	470.88	0.57	ppb
Phosphorus	31-2	10352.33	9794.69	10702.43	10283.15	4.45	ppb
Potassium	39-2	127278.68	126507.31	126208.18	126664.72	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.61	600.18	483.90	529.56	11.71	ppb
Selenium	78-2	534.57	509.38	521.76	521.90	2.41	ppb
Selenium	82-1	500.16	502.27	499.29	500.58	0.31	ppb
Silicon	28-1	516.18	520.60	512.88	516.55	0.75	ppb
Silver	109-1	508.86	516.36	509.78	511.67	0.80	ppb
Silver	107-1	508.20	518.26	510.21	512.22	1.04	ppb
Sodium	23-2	246051.69	246969.30	247619.21	246880.06	0.32	ppb
Strontium	86-1	520.04	523.51	508.53	517.36	1.52	ppb
Strontium	88-1	524.31	529.24	514.27	522.60	1.46	ppb
Sulfur	34-1	8344.03	8473.74	8411.97	8409.91	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	515.49	514.00	513.51	514.34	0.20	ppb
Thallium	205-1	513.09	505.61	506.64	508.45	0.80	ppb
Tin	118-1	511.43	525.09	513.22	516.58	1.44	ppb
Titanium	47-1	503.19	506.72	501.85	503.92	0.50	ppb
Uranium	238-1	509.62	507.66	511.84	509.71	0.41	ppb
Vanadium	51-2	489.78	495.35	490.62	491.92	0.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	942.78	944.22	939.65	942.22	0.25	ppb
Zirconium	90-1	509.65	515.50	503.63	509.59	1.16	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.34	505.54	495.86	502.91	1.23	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.08	-1.08	2.44	0.09	2202.04	ppb
Antimony	121-1	0.24	0.22	0.26	0.24	8.42	ppb
Arsenic	75-2	0.02	0.07	0.02	0.03	85.40	ppb
Barium	135-1	0.07	0.03	0.01	0.04	90.78	ppb
Barium	137-1	0.02	0.02	0.01	0.02	37.90	ppb
Beryllium	9-1	0.15	0.15	0.14	0.14	4.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.82	21.34	16.86	20.01	13.69	ppb
Boron	11-1	19.91	20.50	18.09	19.50	6.44	ppb
Cadmium	111-1	0.11	0.09	0.00	0.07	92.93	ppb
Cadmium	106-1	0.82	0.68	-0.35	0.38	165.17	ppb
Cadmium	108-1	-0.02	-0.09	-0.02	-0.04		ppb
Calcium	43-1	-18.44	-22.51	-15.83	-18.93		ppb
Calcium	44-1	4.65	6.89	6.80	6.11	20.77	ppb
Chromium	52-2	0.06	0.06	0.13	0.08	51.88	ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.08	0.05	0.06	0.07	22.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.37	2.68	1.80	2.29	19.59	ppb
Iron	57-2	4.69	2.90	0.56	2.71	76.41	ppb
Lead	206-1	0.11	0.11	0.10	0.11	5.21	ppb
Lead	207-1	0.09	0.09	0.14	0.11	24.05	ppb
Lead	208-1	0.11	0.11	0.12	0.11	6.10	ppb
Lithium	6-1						%
Magnesium	24-2	2.81	1.93	-0.74	1.33	138.43	ppb
Manganese	55-2	0.03	-0.02	-0.01	0.00		ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.06	0.06	3.52	ppb
Molybdenum	95-1	0.11	0.08	0.11	0.10	19.81	ppb
Molybdenum	96-1	0.08	0.08	0.06	0.07	15.59	ppb
Molybdenum	97-1	0.10	0.11	0.14	0.12	16.52	ppb
Molybdenum	98-1	0.12	0.10	0.09	0.10	16.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.02	0.04	49.26	ppb
Phosphorus	31-2	1.81	3.05	-24.57	-6.57		ppb
Potassium	39-2	29.24	14.94	2.96	15.72	83.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	0.75	0.69	0.37	161.19	ppb
Selenium	82-1	0.91	0.87	0.67	0.81	15.86	ppb
Silicon	28-1	-16.62	-17.42	-15.18	-16.41		ppb
Silver	109-1	0.05	0.06	0.06	0.06	6.05	ppb
Silver	107-1	0.04	0.04	0.05	0.04	8.15	ppb
Sodium	23-2	101.64	119.12	93.22	104.66	12.63	ppb
Strontium	86-1	0.08	0.02	0.07	0.06	56.43	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	29.19	ppb
Sulfur	34-1	-1738.63	-1830.50	-1757.31	-1775.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.14	0.13	0.14	4.33	ppb
Thallium	205-1	0.15	0.12	0.12	0.13	11.80	ppb
Tin	118-1	0.09	0.08	0.08	0.08	7.50	ppb
Titanium	47-1	0.13	0.03	0.08	0.08	62.59	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	37.75	ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.07	0.02	0.05	57.17	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	24.96	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	46.48	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.06	22.13	13.01	19.40	28.64	ppb
Antimony	121-1	1.93	1.91	1.86	1.90	1.95	ppb
Arsenic	75-2	0.91	0.86	1.18	0.98	17.44	ppb
Barium	135-1	9.58	9.45	9.03	9.35	3.09	ppb
Barium	137-1	9.38	9.54	9.43	9.45	0.88	ppb
Beryllium	9-1	0.97	1.24	1.04	1.08	12.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.74	33.39	33.33	32.15	6.49	ppb
Boron	11-1	30.79	32.42	31.64	31.61	2.58	ppb
Cadmium	111-1	0.88	0.92	0.96	0.92	4.20	ppb
Cadmium	106-1	0.83	0.77	0.66	0.76	11.25	ppb
Cadmium	108-1	1.07	1.19	0.56	0.94	35.27	ppb
Calcium	43-1	434.10	391.18	422.89	416.06	5.35	ppb
Calcium	44-1	434.28	440.82	431.00	435.37	1.15	ppb
Chromium	52-2	1.86	2.06	2.01	1.98	5.18	ppb
Cobalt	59-2	0.82	0.91	0.93	0.89	6.70	ppb
Copper	63-2	1.78	1.91	1.74	1.81	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.42	48.65	48.66	48.25	1.48	ppb
Iron	57-2	54.23	48.65	45.46	49.45	8.98	ppb
Lead	206-1	1.00	0.99	1.07	1.02	4.18	ppb
Lead	207-1	0.97	0.98	1.04	1.00	3.94	ppb
Lead	208-1	0.98	0.99	1.01	0.99	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	463.70	481.44	473.60	472.91	1.88	ppb
Manganese	55-2	1.10	0.79	1.05	0.98	16.73	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.13	1.96	1.97	2.02	4.54	ppb
Molybdenum	95-1	4.37	4.37	4.39	4.37	0.35	ppb
Molybdenum	96-1	3.76	3.76	3.92	3.81	2.29	ppb
Molybdenum	97-1	4.42	4.60	4.43	4.48	2.17	ppb
Molybdenum	98-1	4.44	4.47	4.53	4.48	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.96	1.04	0.97	7.25	ppb
Phosphorus	31-2	0.74	-24.57	-24.57	-16.13		ppb
Potassium	39-2	458.70	471.44	465.29	465.14	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.39	10.76	4.35	6.50	56.81	ppb
Selenium	78-2	8.73	4.67	8.67	7.36	31.61	ppb
Selenium	82-1	5.24	5.31	5.36	5.30	1.11	ppb
Silicon	28-1	-4.06	-3.53	-6.50	-4.70		ppb
Silver	109-1	1.01	1.00	0.95	0.99	3.47	ppb
Silver	107-1	1.00	0.94	0.98	0.97	3.34	ppb
Sodium	23-2	544.33	549.22	548.29	547.28	0.47	ppb
Strontium	86-1	1.00	0.88	0.88	0.92	7.42	ppb
Strontium	88-1	0.92	0.94	0.93	0.93	0.79	ppb
Sulfur	34-1	-2087.35	-1819.76	-1969.51	-1958.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.98	0.94	0.98	0.97	2.32	ppb
Thallium	205-1	0.96	0.96	0.97	0.96	0.79	ppb
Tin	118-1	4.64	4.66	4.79	4.70	1.73	ppb
Titanium	47-1	4.46	4.40	4.59	4.48	2.18	ppb
Uranium	238-1	0.86	0.84	0.85	0.85	1.13	ppb
Vanadium	51-2	4.61	4.46	4.13	4.40	5.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.28	2.03	2.12	1.81	25.63	ppb
Zirconium	90-1	0.90	0.93	0.91	0.91	1.51	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.86	0.87	0.89	4.65	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BL	Instrumnet Name :	P8
Client Sample ID :	PB103854BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:08:34	DataFile Name :	019CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.97	2.31	0.66	2.31	71.69	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	18.61	ppb
Arsenic	75-2	-0.01	-0.03	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.03	0.02	0.04	39.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.81	2.89	4.18	3.29	23.48	ppb
Boron	11-1	3.08	3.19	2.93	3.07	4.33	ppb
Cadmium	111-1	-0.10	-0.01	-0.06	-0.06		ppb
Cadmium	106-1	-1.38	-0.09	-0.92	-0.79		ppb
Cadmium	108-1	-0.01	-0.01	-0.09	-0.04		ppb
Calcium	43-1	-16.61	-23.69	-23.24	-21.18		ppb
Calcium	44-1	1.84	1.31	-1.28	0.62	267.08	ppb
Chromium	52-2	-0.05	-0.04	0.01	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.01	0.01	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.76	0.37	0.71	0.61	34.76	ppb
Iron	57-2	1.38	0.93	0.03	0.78	88.68	ppb
Lead	206-1	0.01	0.02	0.02	0.01	43.43	ppb
Lead	207-1	0.01	0.02	0.02	0.02	32.36	ppb
Lead	208-1	0.02	0.02	0.02	0.02	16.66	ppb
Lithium	6-1						%
Magnesium	24-2	3.09	2.78	1.83	2.57	25.60	ppb
Manganese	55-2	0.04	0.00	-0.05	0.00		ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BL	Instrumnet Name :	P8
Client Sample ID :	PB103854BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:08:34	DataFile Name :	019CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	69.55	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	83.12	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	486.07	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	54.93	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	155.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.05	0.04	32.97	ppb
Phosphorus	31-2	-24.57	0.31	26.45	0.73	3495.66	ppb
Potassium	39-2	-1.89	9.61	15.31	7.68	114.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	4.26	-2.06	0.05	7147.17	ppb
Selenium	78-2	-0.32	0.66	-0.32	0.01	7147.17	ppb
Selenium	82-1	0.64	-0.21	0.20	0.21	204.09	ppb
Silicon	28-1	-14.91	-15.99	-16.67	-15.86		ppb
Silver	109-1	0.02	0.01	0.02	0.02	30.49	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.68	ppb
Sodium	23-2	48.35	45.59	44.51	46.15	4.29	ppb
Strontium	86-1	-0.01	0.03	0.03	0.02	140.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1531.23	-1297.22	-1463.51	-1430.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.00	0.01	0.01	115.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.05	ppb
Tin	118-1	0.01	0.00	0.04	0.02	114.32	ppb
Titanium	47-1	0.02	0.06	0.03	0.04	42.75	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	180.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.27	-0.32	-0.17	-0.25		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BL	Instrumnet Name :	P8
Client Sample ID :	PB103854BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:08:34	DataFile Name :	019CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.03	0.01	183.96	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9628.52	9779.11	9557.05	9654.89	1.17	ppb
Antimony	121-1	516.26	511.11	513.58	513.65	0.50	ppb
Arsenic	75-2	498.75	502.16	506.42	502.44	0.77	ppb
Barium	135-1	2555.80	2549.49	2584.91	2563.40	0.74	ppb
Barium	137-1	2515.92	2536.62	2548.98	2533.84	0.66	ppb
Beryllium	9-1	525.12	523.70	522.22	523.68	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.89	529.71	515.33	512.64	3.62	ppb
Boron	11-1	496.18	516.45	520.88	511.17	2.58	ppb
Cadmium	111-1	510.51	508.90	510.72	510.04	0.20	ppb
Cadmium	106-1	514.05	519.57	513.28	515.63	0.67	ppb
Cadmium	108-1	510.86	518.78	507.66	512.43	1.12	ppb
Calcium	43-1	49538.78	49425.95	49065.71	49343.48	0.50	ppb
Calcium	44-1	49533.92	49413.31	49600.55	49515.93	0.19	ppb
Chromium	52-2	466.06	485.64	478.59	476.76	2.08	ppb
Cobalt	59-2	462.23	476.55	472.84	470.54	1.58	ppb
Copper	63-2	896.65	937.21	924.27	919.38	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24473.76	25142.79	25127.42	24914.65	1.53	ppb
Iron	57-2	23640.99	24784.10	24312.78	24245.95	2.37	ppb
Lead	206-1	511.10	499.24	494.24	501.53	1.73	ppb
Lead	207-1	497.86	508.40	499.07	501.78	1.15	ppb
Lead	208-1	502.67	501.81	496.20	500.23	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	49097.97	51277.82	50513.89	50296.56	2.20	ppb
Manganese	55-2	936.47	970.04	968.61	958.37	1.98	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.73	499.05	500.49	501.42	0.59	ppb
Molybdenum	95-1	499.24	488.23	497.16	494.88	1.18	ppb
Molybdenum	96-1	507.50	499.27	494.29	500.35	1.33	ppb
Molybdenum	97-1	489.82	481.92	488.11	486.62	0.85	ppb
Molybdenum	98-1	506.84	494.61	499.29	500.25	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.48	477.82	471.53	468.61	2.34	ppb
Phosphorus	31-2	10036.06	9573.95	9604.77	9738.26	2.65	ppb
Potassium	39-2	24462.41	25076.00	25307.33	24948.58	1.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	476.48	611.90	538.04	542.14	12.51	ppb
Selenium	78-2	560.88	516.48	490.77	522.71	6.79	ppb
Selenium	82-1	504.59	500.05	501.94	502.19	0.45	ppb
Silicon	28-1	545.20	544.02	548.54	545.92	0.43	ppb
Silver	109-1	517.02	525.32	517.17	519.84	0.91	ppb
Silver	107-1	523.66	522.92	522.22	522.93	0.14	ppb
Sodium	23-2	48855.66	51094.86	49968.15	49972.89	2.24	ppb
Strontium	86-1	497.40	494.06	494.74	495.40	0.36	ppb
Strontium	88-1	503.28	500.07	497.16	500.17	0.61	ppb
Sulfur	34-1	8577.98	8487.14	8619.11	8561.41	0.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.18	505.07	503.87	504.71	0.14	ppb
Thallium	205-1	498.77	500.51	498.95	499.41	0.19	ppb
Tin	118-1	518.70	511.11	513.91	514.57	0.75	ppb
Titanium	47-1	497.37	499.59	493.03	496.66	0.67	ppb
Uranium	238-1	483.04	475.06	474.03	477.38	1.03	ppb
Vanadium	51-2	469.88	484.63	478.08	477.53	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	918.72	944.10	938.47	933.76	1.43	ppb
Zirconium	90-1	499.78	495.24	499.04	498.02	0.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.45	490.88	488.85	492.06	0.80	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:14:51	DataFile Name :	021SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6367.66	6714.08	6538.99	6540.24	2.65	ppb
Antimony	121-1	2.23	2.01	1.99	2.08	6.57	ppb
Arsenic	75-2	2.53	2.77	2.58	2.62	4.83	ppb
Barium	135-1	249.37	249.24	248.70	249.11	0.14	ppb
Barium	137-1	245.85	244.87	245.64	245.46	0.21	ppb
Beryllium	9-1	0.24	0.23	0.25	0.24	5.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	42.81	40.70	34.99	39.50	10.24	ppb
Boron	11-1	41.92	40.88	36.17	39.66	7.72	ppb
Cadmium	111-1	0.43	0.41	0.60	0.48	21.51	ppb
Cadmium	106-1	-1.14	-0.28	1.87	0.15	1044.05	ppb
Cadmium	108-1	0.53	0.61	0.33	0.49	29.60	ppb
Calcium	43-1	118131.07	118554.90	118196.93	118294.30	0.19	ppb
Calcium	44-1	116869.80	117957.54	116074.24	116967.19	0.81	ppb
Chromium	52-2	28.63	28.77	28.70	28.70	0.25	ppb
Cobalt	59-2	10.72	11.14	10.94	10.93	1.89	ppb
Copper	63-2	28.82	29.60	30.52	29.65	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14373.89	14514.85	14607.78	14498.84	0.81	ppb
Iron	57-2	13984.47	14023.87	14192.70	14067.01	0.79	ppb
Lead	206-1	22.89	23.38	23.42	23.23	1.26	ppb
Lead	207-1	20.67	21.75	21.33	21.25	2.58	ppb
Lead	208-1	21.71	22.31	22.23	22.08	1.47	ppb
Lithium	6-1						%
Magnesium	24-2	28093.08	28074.50	28050.08	28072.56	0.08	ppb
Manganese	55-2	658.43	670.86	660.39	663.23	1.01	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:14:51	DataFile Name :	021SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.77	4.83	4.70	3.76	ppb
Molybdenum	95-1	12.24	12.37	12.54	12.38	1.21	ppb
Molybdenum	96-1	10.21	10.46	10.03	10.23	2.13	ppb
Molybdenum	97-1	12.15	12.61	12.52	12.43	1.94	ppb
Molybdenum	98-1	12.12	12.29	12.35	12.25	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.35	22.34	22.99	22.23	3.72	ppb
Phosphorus	31-2	68.65	423.10	394.17	295.31	66.65	ppb
Potassium	39-2	11127.11	10972.72	10757.90	10952.58	1.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.76	27.88	35.36	25.33	45.45	ppb
Selenium	78-2	13.52	6.68	3.18	7.79	67.50	ppb
Selenium	82-1	3.28	3.57	3.48	3.44	4.24	ppb
Silicon	28-1	18754.06	18696.85	19199.04	18883.32	1.46	ppb
Silver	109-1	1.14	0.96	0.84	0.98	15.52	ppb
Silver	107-1	1.15	0.97	0.81	0.97	17.29	ppb
Sodium	23-2	23361.86	23611.63	23218.01	23397.17	0.85	ppb
Strontium	86-1	385.61	390.83	393.14	389.86	0.99	ppb
Strontium	88-1	391.70	398.37	401.18	397.08	1.23	ppb
Sulfur	34-1	8468.72	8263.52	7605.43	8112.55	5.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.60	0.44	0.36	0.47	26.22	ppb
Thallium	205-1	0.63	0.42	0.32	0.45	35.46	ppb
Tin	118-1	5.20	5.00	4.69	4.96	5.19	ppb
Titanium	47-1	534.26	530.99	524.61	529.95	0.93	ppb
Uranium	238-1	5.24	5.47	5.39	5.37	2.16	ppb
Vanadium	51-2	24.08	24.14	24.69	24.30	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.43	53.86	52.24	52.51	2.36	ppb
Zirconium	90-1	1.35	2.33	1.94	1.87	26.17	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:14:51	DataFile Name :	021SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.41	1.31	1.23	1.32	6.64	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6659.36	6838.11	6854.65	6784.04	1.60	ppb
Antimony	121-1	1.39	1.34	1.43	1.38	3.30	ppb
Arsenic	75-2	2.54	2.51	2.47	2.51	1.39	ppb
Barium	135-1	242.11	242.56	245.32	243.33	0.71	ppb
Barium	137-1	243.14	242.29	242.70	242.71	0.17	ppb
Beryllium	9-1	0.18	0.17	0.13	0.16	16.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.99	30.51	30.64	30.05	3.05	ppb
Boron	11-1	28.79	27.14	28.14	28.02	2.97	ppb
Cadmium	111-1	0.33	0.20	0.26	0.26	24.65	ppb
Cadmium	106-1	0.17	-1.16	-1.01	-0.66		ppb
Cadmium	108-1	0.28	0.43	0.43	0.38	22.45	ppb
Calcium	43-1	117015.53	117641.10	121485.89	118714.17	2.04	ppb
Calcium	44-1	116760.78	117339.70	118352.74	117484.41	0.69	ppb
Chromium	52-2	29.35	29.68	30.56	29.87	2.09	ppb
Cobalt	59-2	11.09	11.37	12.24	11.56	5.19	ppb
Copper	63-2	31.15	31.40	32.99	31.84	3.13	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14916.20	14914.57	15810.10	15213.63	3.40	ppb
Iron	57-2	14126.77	14737.31	15364.01	14742.70	4.20	ppb
Lead	206-1	23.72	23.87	24.15	23.91	0.92	ppb
Lead	207-1	21.68	22.11	22.39	22.06	1.63	ppb
Lead	208-1	22.47	22.99	23.04	22.83	1.37	ppb
Lithium	6-1						%
Magnesium	24-2	28303.31	28705.93	29927.08	28978.77	2.92	ppb
Manganese	55-2	677.74	690.17	714.88	694.26	2.72	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.87	4.84	4.87	4.86	0.37	ppb
Molybdenum	95-1	12.51	12.65	12.27	12.47	1.55	ppb
Molybdenum	96-1	10.49	10.77	10.35	10.54	2.02	ppb
Molybdenum	97-1	12.67	13.18	12.45	12.77	2.95	ppb
Molybdenum	98-1	12.50	12.79	12.41	12.57	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.81	23.74	23.94	23.50	2.57	ppb
Phosphorus	31-2	286.86	152.54	313.87	251.09	34.41	ppb
Potassium	39-2	10772.18	10955.93	11402.00	11043.37	2.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.47	60.80	54.43	45.56	46.33	ppb
Selenium	78-2	5.79	13.14	4.71	7.88	58.23	ppb
Selenium	82-1	4.35	4.45	3.67	4.16	10.24	ppb
Silicon	28-1	17992.45	17865.53	18230.24	18029.41	1.03	ppb
Silver	109-1	0.42	0.42	0.37	0.40	6.63	ppb
Silver	107-1	0.37	0.37	0.33	0.36	6.01	ppb
Sodium	23-2	23513.99	23693.91	24766.00	23991.30	2.82	ppb
Strontium	86-1	391.05	395.11	389.97	392.04	0.69	ppb
Strontium	88-1	402.61	402.51	399.85	401.66	0.39	ppb
Sulfur	34-1	7415.02	7536.49	7658.11	7536.54	1.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.16	0.17	0.16	3.81	ppb
Thallium	205-1	0.17	0.18	0.15	0.16	7.66	ppb
Tin	118-1	4.10	4.04	4.02	4.05	0.95	ppb
Titanium	47-1	523.66	525.95	535.24	528.28	1.16	ppb
Uranium	238-1	5.61	5.80	5.78	5.73	1.81	ppb
Vanadium	51-2	25.58	24.50	25.50	25.19	2.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	52.77	54.44	55.52	54.24	2.55	ppb
Zirconium	90-1	1.18	1.14	1.26	1.19	5.37	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.12	1.22	1.80	1.38	26.75	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1397.37	1356.50	1303.92	1352.59	3.46	ppb
Antimony	121-1	0.40	0.38	0.37	0.39	3.93	ppb
Arsenic	75-2	0.59	0.52	0.50	0.53	8.70	ppb
Barium	135-1	48.20	47.71	46.87	47.59	1.41	ppb
Barium	137-1	48.04	48.68	47.47	48.06	1.26	ppb
Beryllium	9-1	0.11	0.09	0.11	0.10	10.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.81	14.45	10.97	12.41	14.64	ppb
Boron	11-1	12.29	12.58	11.84	12.24	3.07	ppb
Cadmium	111-1	0.00	0.01	-0.10	-0.03		ppb
Cadmium	106-1	-0.68	-0.62	-2.06	-1.12		ppb
Cadmium	108-1	0.02	0.09	0.02	0.04	101.24	ppb
Calcium	43-1	23309.21	23205.94	23277.97	23264.37	0.23	ppb
Calcium	44-1	23410.72	23508.02	23503.07	23473.94	0.23	ppb
Chromium	52-2	6.12	6.17	5.81	6.03	3.26	ppb
Cobalt	59-2	2.24	2.25	2.14	2.21	2.60	ppb
Copper	63-2	6.31	6.40	6.22	6.31	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2957.80	2940.38	2918.55	2938.91	0.67	ppb
Iron	57-2	2884.04	3066.57	2814.89	2921.83	4.45	ppb
Lead	206-1	4.81	4.82	4.78	4.80	0.38	ppb
Lead	207-1	4.46	4.49	4.30	4.42	2.27	ppb
Lead	208-1	4.59	4.63	4.57	4.60	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	5842.70	5693.36	5695.45	5743.84	1.49	ppb
Manganese	55-2	139.61	133.50	133.79	135.64	2.54	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.88	0.90	0.96	0.92	4.66	ppb
Molybdenum	95-1	2.55	2.57	2.51	2.54	1.07	ppb
Molybdenum	96-1	2.25	2.19	2.14	2.19	2.50	ppb
Molybdenum	97-1	2.49	2.64	2.54	2.56	3.01	ppb
Molybdenum	98-1	2.50	2.51	2.52	2.51	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.04	4.52	4.33	5.95	ppb
Phosphorus	31-2	69.61	-24.57	6.88	17.30	277.09	ppb
Potassium	39-2	2217.85	2118.78	2214.82	2183.82	2.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.36	5.33	5.31	7.66	53.07	ppb
Selenium	78-2	0.80	6.59	1.97	3.12	98.01	ppb
Selenium	82-1	1.03	0.96	0.84	0.94	10.35	ppb
Silicon	28-1	3654.73	3735.46	3758.68	3716.29	1.47	ppb
Silver	109-1	0.16	0.16	0.14	0.15	8.81	ppb
Silver	107-1	0.13	0.14	0.11	0.13	9.14	ppb
Sodium	23-2	4771.82	4675.97	4684.11	4710.63	1.13	ppb
Strontium	86-1	78.08	79.07	79.36	78.84	0.85	ppb
Strontium	88-1	81.00	81.98	81.04	81.34	0.68	ppb
Sulfur	34-1	-639.76	-569.16	-542.31	-583.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	21.59	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	32.45	ppb
Tin	118-1	0.59	0.54	0.60	0.57	5.32	ppb
Titanium	47-1	103.66	105.24	105.75	104.89	1.04	ppb
Uranium	238-1	1.15	1.11	1.09	1.12	2.79	ppb
Vanadium	51-2	5.17	5.07	4.90	5.05	2.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.40	11.72	9.95	10.69	8.61	ppb
Zirconium	90-1	0.21	0.24	0.26	0.24	9.20	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.27	0.26	0.26	2.95	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16181.06	16607.34	16604.13	16464.18	1.49	ppb
Antimony	121-1	511.32	507.99	497.41	505.57	1.44	ppb
Arsenic	75-2	515.73	516.41	513.25	515.13	0.32	ppb
Barium	135-1	2779.74	2776.65	2728.30	2761.56	1.04	ppb
Barium	137-1	2750.30	2754.75	2713.61	2739.55	0.82	ppb
Beryllium	9-1	307.13	298.84	300.30	302.09	1.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	312.67	310.10	314.41	312.39	0.69	ppb
Boron	11-1	298.08	300.28	305.24	301.20	1.22	ppb
Cadmium	111-1	501.14	501.62	494.86	499.21	0.76	ppb
Cadmium	106-1	491.85	484.84	477.68	484.79	1.46	ppb
Cadmium	108-1	494.60	504.73	502.05	500.46	1.05	ppb
Calcium	43-1	174262.35	171977.83	171182.53	172474.24	0.93	ppb
Calcium	44-1	170471.28	169888.37	168174.43	169511.36	0.70	ppb
Chromium	52-2	576.65	590.31	592.14	586.37	1.44	ppb
Cobalt	59-2	558.32	573.55	573.32	568.40	1.53	ppb
Copper	63-2	1104.02	1134.30	1139.90	1126.07	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	41646.24	43022.97	42829.46	42499.56	1.75	ppb
Iron	57-2	40789.55	42000.84	42101.03	41630.47	1.75	ppb
Lead	206-1	562.04	547.90	558.63	556.19	1.33	ppb
Lead	207-1	561.81	554.73	557.09	557.88	0.65	ppb
Lead	208-1	555.56	548.25	551.94	551.91	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	84656.32	85944.76	85715.95	85439.01	0.80	ppb
Manganese	55-2	1651.95	1683.46	1705.24	1680.22	1.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.48	503.35	496.42	499.08	0.75	ppb
Molybdenum	95-1	504.77	518.02	518.49	513.76	1.52	ppb
Molybdenum	96-1	509.20	513.25	511.38	511.28	0.40	ppb
Molybdenum	97-1	501.27	506.09	500.35	502.57	0.61	ppb
Molybdenum	98-1	514.21	517.96	512.91	515.02	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	587.69	598.71	601.27	595.89	1.21	ppb
Phosphorus	31-2	372.47	87.71	276.04	245.41	59.02	ppb
Potassium	39-2	34037.83	35084.30	35104.61	34742.25	1.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.12	630.47	520.20	554.93	11.80	ppb
Selenium	78-2	464.11	525.33	507.64	499.03	6.31	ppb
Selenium	82-1	508.64	513.33	509.10	510.36	0.51	ppb
Silicon	28-1	19716.66	19627.44	19386.56	19576.89	0.87	ppb
Silver	109-1	544.80	544.91	532.26	540.66	1.35	ppb
Silver	107-1	544.71	538.39	539.25	540.78	0.63	ppb
Sodium	23-2	76055.72	79253.16	77549.29	77619.39	2.06	ppb
Strontium	86-1	881.85	915.43	894.44	897.24	1.89	ppb
Strontium	88-1	894.18	901.90	891.77	895.95	0.59	ppb
Sulfur	34-1	8412.68	7918.70	7647.84	7993.07	4.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	544.93	544.92	544.28	544.71	0.07	ppb
Thallium	205-1	539.44	532.22	535.67	535.77	0.67	ppb
Tin	118-1	490.98	483.93	486.10	487.00	0.74	ppb
Titanium	47-1	1048.25	1035.26	1023.58	1035.70	1.19	ppb
Uranium	238-1	530.40	526.26	527.18	527.95	0.41	ppb
Vanadium	51-2	551.11	567.03	566.06	561.40	1.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1076.28	1111.80	1099.12	1095.73	1.64	ppb
Zirconium	90-1	472.53	478.94	479.54	477.00	0.81	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	465.69	471.73	474.12	470.51	0.92	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15973.07	16442.94	16663.73	16359.91	2.16	ppb
Antimony	121-1	504.36	497.32	495.63	499.11	0.93	ppb
Arsenic	75-2	507.70	508.50	514.32	510.17	0.71	ppb
Barium	135-1	2769.04	2729.49	2721.82	2740.11	0.92	ppb
Barium	137-1	2717.24	2688.40	2707.88	2704.50	0.54	ppb
Beryllium	9-1	310.67	301.57	295.46	302.57	2.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	318.82	313.05	312.83	314.90	1.08	ppb
Boron	11-1	314.30	308.73	308.62	310.55	1.05	ppb
Cadmium	111-1	498.90	489.41	491.15	493.15	1.02	ppb
Cadmium	106-1	494.03	486.52	485.69	488.75	0.94	ppb
Cadmium	108-1	491.66	483.11	498.27	491.01	1.55	ppb
Calcium	43-1	165354.64	167150.09	169586.27	167363.67	1.27	ppb
Calcium	44-1	162928.98	166161.47	167652.24	165580.90	1.46	ppb
Chromium	52-2	576.56	589.41	610.27	592.08	2.87	ppb
Cobalt	59-2	555.10	571.79	592.76	573.21	3.29	ppb
Copper	63-2	1092.45	1128.18	1171.46	1130.69	3.50	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	41418.88	42411.27	44110.67	42646.94	3.19	ppb
Iron	57-2	40638.51	41325.24	43108.65	41690.80	3.06	ppb
Lead	206-1	560.83	554.32	563.93	559.69	0.88	ppb
Lead	207-1	553.19	553.82	556.55	554.52	0.32	ppb
Lead	208-1	557.18	554.02	558.67	556.63	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	82053.62	83658.54	86872.04	84194.73	2.91	ppb
Manganese	55-2	1620.64	1661.95	1706.70	1663.10	2.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.67	493.95	497.55	494.72	0.51	ppb
Molybdenum	95-1	503.65	510.39	502.53	505.52	0.84	ppb
Molybdenum	96-1	524.56	511.84	505.72	514.04	1.87	ppb
Molybdenum	97-1	498.82	503.62	499.24	500.56	0.53	ppb
Molybdenum	98-1	518.23	513.52	515.54	515.76	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.38	600.35	620.64	600.79	3.27	ppb
Phosphorus	31-2	262.01	199.77	399.10	286.96	35.54	ppb
Potassium	39-2	33193.19	34105.84	35511.66	34270.23	3.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	351.49	518.05	541.96	470.50	22.05	ppb
Selenium	78-2	481.39	565.68	520.04	522.37	8.08	ppb
Selenium	82-1	514.13	513.50	506.33	511.32	0.85	ppb
Silicon	28-1	18978.88	19462.65	19524.20	19321.91	1.55	ppb
Silver	109-1	535.99	532.73	530.58	533.10	0.51	ppb
Silver	107-1	536.13	528.14	534.26	532.84	0.78	ppb
Sodium	23-2	75195.20	77816.68	79576.01	77529.29	2.84	ppb
Strontium	86-1	894.98	879.40	884.67	886.35	0.89	ppb
Strontium	88-1	890.29	886.58	888.18	888.35	0.21	ppb
Sulfur	34-1	6904.59	7364.62	7402.66	7223.95	3.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	549.75	549.35	543.14	547.41	0.68	ppb
Thallium	205-1	540.66	539.03	539.97	539.89	0.15	ppb
Tin	118-1	492.80	478.73	485.62	485.72	1.45	ppb
Titanium	47-1	1006.29	1021.76	1038.25	1022.10	1.56	ppb
Uranium	238-1	529.18	533.68	538.19	533.68	0.84	ppb
Vanadium	51-2	542.55	561.55	579.56	561.22	3.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1062.01	1113.85	1131.17	1102.34	3.26	ppb
Zirconium	90-1	492.44	477.62	480.98	483.68	1.61	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	471.99	473.16	472.41	472.52	0.13	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16961.10	16543.24	15715.69	16406.68	3.86	ppb
Antimony	121-1	499.83	501.85	503.62	501.77	0.38	ppb
Arsenic	75-2	519.52	522.05	517.57	519.71	0.43	ppb
Barium	135-1	2741.66	2743.89	2756.28	2747.28	0.29	ppb
Barium	137-1	2722.67	2734.39	2749.29	2735.45	0.49	ppb
Beryllium	9-1	314.02	307.39	308.46	309.96	1.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	336.43	324.76	341.29	334.16	2.54	ppb
Boron	11-1	317.64	316.61	326.89	320.38	1.77	ppb
Cadmium	111-1	495.53	491.68	495.81	494.34	0.47	ppb
Cadmium	106-1	481.04	478.09	478.27	479.13	0.35	ppb
Cadmium	108-1	501.89	487.37	482.04	490.43	2.10	ppb
Calcium	43-1	170286.86	167698.69	169331.60	169105.71	0.77	ppb
Calcium	44-1	168749.92	166146.23	166161.27	167019.14	0.90	ppb
Chromium	52-2	614.99	604.77	583.57	601.11	2.67	ppb
Cobalt	59-2	599.86	585.85	564.37	583.36	3.06	ppb
Copper	63-2	1189.40	1162.42	1119.44	1157.09	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	44483.26	43389.45	41647.38	43173.36	3.31	ppb
Iron	57-2	43380.98	42481.59	40941.27	42267.95	2.92	ppb
Lead	206-1	555.02	561.55	555.86	557.48	0.64	ppb
Lead	207-1	552.57	549.77	541.64	547.99	1.04	ppb
Lead	208-1	552.25	554.64	550.06	552.32	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	89726.40	87162.53	82858.80	86582.57	4.01	ppb
Manganese	55-2	1756.92	1688.68	1646.07	1697.22	3.29	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.84	498.28	498.27	500.13	0.64	ppb
Molybdenum	95-1	511.10	512.44	512.09	511.88	0.14	ppb
Molybdenum	96-1	517.65	512.25	509.34	513.08	0.82	ppb
Molybdenum	97-1	508.95	505.94	506.65	507.18	0.31	ppb
Molybdenum	98-1	520.21	514.19	515.80	516.73	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	626.63	615.34	590.65	610.87	3.01	ppb
Phosphorus	31-2	130.89	129.16	160.42	140.16	12.54	ppb
Potassium	39-2	35660.03	34773.93	33770.38	34734.78	2.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	524.29	515.19	662.24	567.24	14.53	ppb
Selenium	78-2	494.39	488.54	497.32	493.42	0.91	ppb
Selenium	82-1	508.11	507.96	511.30	509.12	0.37	ppb
Silicon	28-1	19406.79	19106.43	19389.79	19301.00	0.87	ppb
Silver	109-1	541.21	534.21	532.35	535.92	0.87	ppb
Silver	107-1	529.73	536.29	533.18	533.07	0.62	ppb
Sodium	23-2	81676.95	79335.05	75837.54	78949.85	3.72	ppb
Strontium	86-1	903.47	906.46	893.42	901.12	0.76	ppb
Strontium	88-1	888.10	899.15	903.43	896.89	0.88	ppb
Sulfur	34-1	7411.40	6949.23	7347.20	7235.94	3.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	549.69	547.75	544.14	547.19	0.52	ppb
Thallium	205-1	540.43	534.02	532.27	535.57	0.80	ppb
Tin	118-1	484.28	482.93	487.96	485.06	0.54	ppb
Titanium	47-1	1051.53	1030.42	1019.50	1033.82	1.58	ppb
Uranium	238-1	534.95	537.55	535.71	536.07	0.25	ppb
Vanadium	51-2	584.62	572.98	551.19	569.60	2.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1161.82	1135.64	1081.90	1126.45	3.62	ppb
Zirconium	90-1	480.36	483.38	488.25	484.00	0.82	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.85	475.17	474.12	474.38	0.15	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	835.23	825.76	857.55	839.51	1.94	ppb
Antimony	121-1	1.13	1.09	1.11	1.11	1.77	ppb
Arsenic	75-2	35.19	36.44	37.18	36.27	2.78	ppb
Barium	135-1	658.97	669.94	666.56	665.16	0.84	ppb
Barium	137-1	677.68	677.43	684.13	679.75	0.56	ppb
Beryllium	9-1	0.26	0.16	0.17	0.20	28.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.57	47.28	44.69	46.18	2.89	ppb
Boron	11-1	46.33	45.47	45.09	45.63	1.39	ppb
Cadmium	111-1	0.03	0.09	0.08	0.07	43.37	ppb
Cadmium	106-1	-2.19	-1.15	-1.31	-1.55		ppb
Cadmium	108-1	0.24	0.31	0.51	0.35	40.03	ppb
Calcium	43-1	185103.35	185217.90	184326.32	184882.52	0.26	ppb
Calcium	44-1	182083.30	182754.36	181569.98	182135.88	0.33	ppb
Chromium	52-2	5.24	5.50	5.18	5.31	3.23	ppb
Cobalt	59-2	2.74	3.01	2.86	2.87	4.62	ppb
Copper	63-2	5.81	6.16	5.71	5.89	4.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17406.58	17569.39	17324.09	17433.36	0.72	ppb
Iron	57-2	17068.89	16937.92	16476.21	16827.67	1.85	ppb
Lead	206-1	1.45	1.36	1.47	1.43	3.75	ppb
Lead	207-1	1.32	1.33	1.29	1.31	1.72	ppb
Lead	208-1	1.39	1.36	1.38	1.37	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	60731.13	60556.63	60161.42	60483.06	0.48	ppb
Manganese	55-2	2572.34	2581.47	2551.96	2568.59	0.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	2.09	2.05	2.04	2.66	ppb
Molybdenum	95-1	5.62	5.67	5.32	5.54	3.42	ppb
Molybdenum	96-1	4.61	4.69	4.68	4.66	0.93	ppb
Molybdenum	97-1	5.46	5.54	5.65	5.55	1.74	ppb
Molybdenum	98-1	5.55	5.57	5.40	5.51	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.46	7.76	7.88	7.70	2.80	ppb
Phosphorus	31-2	14.39	168.76	128.69	103.95	77.06	ppb
Potassium	39-2	12010.93	12214.36	12119.14	12114.81	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.32	15.42	6.62	12.45	40.59	ppb
Selenium	78-2	-0.32	1.04	1.03	0.58	134.17	ppb
Selenium	82-1	1.36	0.61	1.70	1.22	45.67	ppb
Silicon	28-1	13919.28	14020.67	14455.80	14131.92	2.02	ppb
Silver	109-1	0.17	0.14	0.16	0.16	7.60	ppb
Silver	107-1	0.16	0.18	0.17	0.17	4.80	ppb
Sodium	23-2	115670.33	116022.97	113842.23	115178.51	1.02	ppb
Strontium	86-1	487.75	488.83	480.21	485.59	0.97	ppb
Strontium	88-1	502.69	498.26	491.64	497.53	1.12	ppb
Sulfur	34-1	2002.38	1778.50	1975.64	1918.84	6.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.16	0.18	0.18	13.01	ppb
Thallium	205-1	0.19	0.19	0.16	0.18	7.10	ppb
Tin	118-1	4.56	4.41	4.45	4.47	1.75	ppb
Titanium	47-1	82.75	82.33	82.63	82.57	0.26	ppb
Uranium	238-1	1.28	1.27	1.30	1.28	1.07	ppb
Vanadium	51-2	4.01	4.26	3.88	4.05	4.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.41	10.28	10.62	10.44	1.64	ppb
Zirconium	90-1	0.40	0.37	0.36	0.38	5.10	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.76	0.45	0.54	35.58	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49363.15	48826.38	48720.53	48970.02	0.70	ppb
Antimony	121-1	455.31	461.58	462.00	459.63	0.82	ppb
Arsenic	75-2	506.85	520.10	504.75	510.56	1.63	ppb
Barium	135-1	2546.61	2559.99	2531.35	2545.99	0.56	ppb
Barium	137-1	2510.56	2515.45	2509.76	2511.92	0.12	ppb
Beryllium	9-1	530.58	535.32	535.28	533.73	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	544.02	538.66	545.45	542.71	0.66	ppb
Boron	11-1	524.38	543.92	550.59	539.63	2.52	ppb
Cadmium	111-1	483.27	484.77	487.51	485.19	0.44	ppb
Cadmium	106-1	489.13	490.28	491.06	490.16	0.20	ppb
Cadmium	108-1	491.62	494.63	482.81	489.69	1.25	ppb
Calcium	43-1	248808.35	249598.16	246291.98	248232.83	0.70	ppb
Calcium	44-1	248367.34	248929.35	245763.78	247686.82	0.68	ppb
Chromium	52-2	516.04	511.56	509.71	512.44	0.64	ppb
Cobalt	59-2	505.50	497.81	499.28	500.86	0.81	ppb
Copper	63-2	983.08	966.84	966.88	972.27	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	128838.44	127123.98	126823.60	127595.34	0.85	ppb
Iron	57-2	126248.92	123559.19	124416.63	124741.58	1.10	ppb
Lead	206-1	520.39	520.48	523.56	521.48	0.35	ppb
Lead	207-1	518.18	518.80	522.19	519.72	0.42	ppb
Lead	208-1	518.50	516.74	519.37	518.21	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	253864.41	250993.60	250204.61	251687.54	0.77	ppb
Manganese	55-2	1001.77	984.81	988.79	991.79	0.89	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	513.26	514.61	522.79	516.88	1.00	ppb
Molybdenum	95-1	512.52	516.38	513.34	514.08	0.40	ppb
Molybdenum	96-1	514.71	517.13	515.01	515.62	0.26	ppb
Molybdenum	97-1	499.97	506.27	505.32	503.85	0.67	ppb
Molybdenum	98-1	513.19	516.09	517.39	515.56	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.54	494.96	501.93	500.48	0.99	ppb
Phosphorus	31-2	10911.37	9385.56	11206.59	10501.17	9.31	ppb
Potassium	39-2	129262.19	126625.77	124188.86	126692.27	2.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	508.23	407.62	553.39	489.75	15.24	ppb
Selenium	78-2	466.02	506.04	481.58	484.55	4.16	ppb
Selenium	82-1	495.63	496.04	498.23	496.63	0.28	ppb
Silicon	28-1	486.08	489.41	475.63	483.71	1.49	ppb
Silver	109-1	494.49	498.43	500.31	497.74	0.60	ppb
Silver	107-1	494.44	499.24	495.44	496.37	0.51	ppb
Sodium	23-2	256607.95	251623.42	255421.58	254550.98	1.02	ppb
Strontium	86-1	513.50	512.54	518.36	514.80	0.61	ppb
Strontium	88-1	525.53	518.22	533.80	525.85	1.48	ppb
Sulfur	34-1	8201.45	8424.02	8160.86	8262.11	1.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	521.29	517.81	515.24	518.11	0.59	ppb
Thallium	205-1	516.05	511.27	506.66	511.33	0.92	ppb
Tin	118-1	506.21	511.51	508.31	508.68	0.52	ppb
Titanium	47-1	504.15	509.18	501.84	505.06	0.74	ppb
Uranium	238-1	524.86	517.37	519.85	520.69	0.73	ppb
Vanadium	51-2	515.70	505.19	510.82	510.57	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.93	959.73	960.28	964.65	0.83	ppb
Zirconium	90-1	513.49	509.88	511.69	511.69	0.35	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.14	505.60	506.89	504.88	0.49	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	0.86	2.83	1.50	76.64	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	1.34	ppb
Arsenic	75-2	0.04	0.02	0.00	0.02	124.71	ppb
Barium	135-1	0.02	0.01	0.02	0.02	31.13	ppb
Barium	137-1	0.00	0.02	0.00	0.00	290.28	ppb
Beryllium	9-1	0.24	0.30	0.22	0.25	18.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.73	20.77	21.02	21.51	4.95	ppb
Boron	11-1	23.43	21.79	20.59	21.94	6.51	ppb
Cadmium	111-1	0.09	-0.02	0.06	0.04	138.69	ppb
Cadmium	106-1	0.03	-1.22	-0.17	-0.45		ppb
Cadmium	108-1	0.09	0.09	0.12	0.10	19.20	ppb
Calcium	43-1	-31.41	-40.75	-32.70	-34.95		ppb
Calcium	44-1	12.14	8.51	9.86	10.17	18.06	ppb
Chromium	52-2	0.00	0.11	0.03	0.04	131.39	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.25	0.28	0.18	0.24	21.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.01	2.38	2.50	2.30	11.20	ppb
Iron	57-2	0.26	0.31	1.44	0.67	99.88	ppb
Lead	206-1	0.05	0.05	0.05	0.05	3.50	ppb
Lead	207-1	0.05	0.08	0.04	0.06	32.07	ppb
Lead	208-1	0.06	0.06	0.04	0.06	18.77	ppb
Lithium	6-1						%
Magnesium	24-2	2.39	6.27	3.43	4.03	49.84	ppb
Manganese	55-2	0.07	0.08	0.10	0.08	16.18	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.03	22.51	ppb
Molybdenum	95-1	0.06	0.03	0.07	0.05	39.52	ppb
Molybdenum	96-1	0.04	0.05	0.03	0.04	25.11	ppb
Molybdenum	97-1	0.07	0.08	0.06	0.07	11.80	ppb
Molybdenum	98-1	0.06	0.03	0.05	0.05	27.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.01	0.00	0.04	157.46	ppb
Phosphorus	31-2	-24.57	3.88	4.14	-5.51		ppb
Potassium	39-2	-10.74	-14.93	-14.27	-13.31		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	-0.32	2.91	0.76	246.59	ppb
Selenium	82-1	1.23	-0.05	0.57	0.58	109.99	ppb
Silicon	28-1	-24.95	-24.87	-25.99	-25.27		ppb
Silver	109-1	0.12	0.12	0.11	0.12	2.63	ppb
Silver	107-1	0.14	0.10	0.10	0.11	19.97	ppb
Sodium	23-2	74.81	76.36	68.78	73.32	5.46	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	323.50	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	88.65	ppb
Sulfur	34-1	-1853.57	-1755.61	-1831.57	-1813.58		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.08	0.08	0.09	21.26	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	5.39	ppb
Tin	118-1	0.08	0.07	0.07	0.07	5.25	ppb
Titanium	47-1	-0.04	0.08	0.02	0.02	283.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.01	0.01	223.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.24	-0.10	-0.49	-0.28		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	28.64	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	15.20	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.10	28.38	24.34	24.27	17.07	ppb
Antimony	121-1	0.18	0.19	0.23	0.20	12.30	ppb
Arsenic	75-2	0.18	0.18	0.15	0.17	7.57	ppb
Barium	135-1	141.69	137.52	162.70	147.30	9.16	ppb
Barium	137-1	139.53	138.64	160.59	146.25	8.50	ppb
Beryllium	9-1	0.13	0.17	0.16	0.15	13.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.93	47.25	52.28	48.82	6.14	ppb
Boron	11-1	47.10	47.08	54.54	49.57	8.67	ppb
Cadmium	111-1	0.05	0.08	0.03	0.05	47.37	ppb
Cadmium	106-1	-0.90	-0.36	-1.12	-0.79		ppb
Cadmium	108-1	0.17	0.27	0.06	0.16	62.11	ppb
Calcium	43-1	111859.86	110089.66	128462.41	116803.98	8.68	ppb
Calcium	44-1	109201.70	109753.58	125842.72	114932.67	8.22	ppb
Chromium	52-2	0.08	0.14	0.04	0.09	54.43	ppb
Cobalt	59-2	1.42	1.55	1.46	1.47	4.42	ppb
Copper	63-2	7.32	7.46	7.36	7.38	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.59	6.20	8.33	7.04	16.10	ppb
Iron	57-2	8.56	9.04	8.88	8.83	2.75	ppb
Lead	206-1	0.43	0.43	0.46	0.44	4.18	ppb
Lead	207-1	0.38	0.36	0.40	0.38	5.02	ppb
Lead	208-1	0.40	0.38	0.45	0.41	8.24	ppb
Lithium	6-1						%
Magnesium	24-2	23490.55	24110.98	23720.16	23773.90	1.32	ppb
Manganese	55-2	373.99	389.61	380.79	381.46	2.05	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.68	2.68	3.08	2.81	8.23	ppb
Molybdenum	95-1	8.43	8.17	9.51	8.70	8.18	ppb
Molybdenum	96-1	7.05	7.09	7.96	7.37	7.02	ppb
Molybdenum	97-1	9.10	8.52	9.76	9.12	6.78	ppb
Molybdenum	98-1	8.66	8.40	9.58	8.88	6.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	2.19	1.76	1.85	16.53	ppb
Phosphorus	31-2	53.18	2.46	2.08	19.24	152.77	ppb
Potassium	39-2	8679.94	8878.93	8566.83	8708.57	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.32	-2.06	4.39	2.22	166.85	ppb
Selenium	78-2	3.66	5.71	4.70	4.69	21.87	ppb
Selenium	82-1	3.96	4.26	4.75	4.32	9.13	ppb
Silicon	28-1	8407.65	8369.54	9604.49	8793.89	7.99	ppb
Silver	109-1	0.06	0.07	0.08	0.07	8.54	ppb
Silver	107-1	0.07	0.06	0.08	0.07	17.94	ppb
Sodium	23-2	22672.89	23465.90	23087.90	23075.56	1.72	ppb
Strontium	86-1	370.83	370.72	424.14	388.56	7.93	ppb
Strontium	88-1	377.87	375.87	434.17	395.97	8.36	ppb
Sulfur	34-1	7610.24	7456.64	10951.81	8672.90	22.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.07	0.05	30.69	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.35	ppb
Tin	118-1	0.15	0.15	0.18	0.16	10.42	ppb
Titanium	47-1	0.56	0.31	0.58	0.48	30.96	ppb
Uranium	238-1	5.00	5.01	5.75	5.25	8.19	ppb
Vanadium	51-2	0.71	0.82	0.87	0.80	9.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.44	4.69	3.85	4.66	17.07	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	12.09	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.05	0.08	0.08	33.93	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.07	6.23	7.93	8.08	23.82	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.10	ppb
Arsenic	75-2	9.27	9.35	9.61	9.41	1.90	ppb
Barium	135-1	531.16	523.38	526.79	527.11	0.74	ppb
Barium	137-1	538.82	531.34	544.25	538.14	1.20	ppb
Beryllium	9-1	0.09	0.21	0.10	0.13	50.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	56.22	55.43	57.48	56.38	1.83	ppb
Boron	11-1	56.96	56.47	58.81	57.41	2.15	ppb
Cadmium	111-1	0.05	-0.03	0.00	0.01	520.66	ppb
Cadmium	106-1	0.12	-0.89	-0.46	-0.41		ppb
Cadmium	108-1	0.11	0.11	0.08	0.10	17.67	ppb
Calcium	43-1	172544.86	173804.86	175919.11	174089.61	0.98	ppb
Calcium	44-1	172335.72	171795.64	174271.18	172800.85	0.75	ppb
Chromium	52-2	0.01	-0.07	0.01	-0.01		ppb
Cobalt	59-2	1.62	1.62	1.64	1.63	0.93	ppb
Copper	63-2	7.25	7.07	6.47	6.93	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.26	12.93	14.01	13.73	5.12	ppb
Iron	57-2	20.74	15.70	15.94	17.46	16.28	ppb
Lead	206-1	0.20	0.18	0.14	0.17	14.92	ppb
Lead	207-1	0.17	0.17	0.15	0.16	4.50	ppb
Lead	208-1	0.18	0.16	0.15	0.16	9.56	ppb
Lithium	6-1						%
Magnesium	24-2	59912.31	58005.54	57157.99	58358.61	2.42	ppb
Manganese	55-2	2402.81	2312.02	2300.84	2338.56	2.39	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.62	1.70	1.64	1.65	2.68	ppb
Molybdenum	95-1	5.13	5.02	5.03	5.06	1.25	ppb
Molybdenum	96-1	4.23	4.14	4.43	4.27	3.57	ppb
Molybdenum	97-1	5.00	5.10	5.32	5.14	3.23	ppb
Molybdenum	98-1	5.18	5.06	5.13	5.12	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.99	4.17	3.85	4.00	3.92	ppb
Phosphorus	31-2	-24.57	-24.57	1.87	-15.76		ppb
Potassium	39-2	11971.87	11532.99	11406.43	11637.10	2.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	1.69	-0.32	0.35	331.56	ppb
Selenium	82-1	0.77	1.26	1.27	1.10	25.92	ppb
Silicon	28-1	12595.60	12625.31	12777.12	12666.01	0.77	ppb
Silver	109-1	0.06	0.06	0.07	0.07	9.28	ppb
Silver	107-1	0.75	0.05	0.06	0.29	138.37	ppb
Sodium	23-2	108354.72	105916.31	104789.64	106353.56	1.71	ppb
Strontium	86-1	455.26	457.81	463.91	458.99	0.97	ppb
Strontium	88-1	461.92	462.17	475.83	466.64	1.71	ppb
Sulfur	34-1	1612.76	1863.42	2317.12	1931.10	18.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.00	0.01	122.29	ppb
Thallium	205-1	0.03	0.01	0.01	0.01	71.62	ppb
Tin	118-1	0.03	0.02	0.03	0.03	13.13	ppb
Titanium	47-1	0.54	0.54	0.39	0.49	17.53	ppb
Uranium	238-1	1.10	1.10	1.11	1.10	0.59	ppb
Vanadium	51-2	0.11	0.14	0.10	0.12	19.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.92	5.78	4.99	5.23	9.14	ppb
Zirconium	90-1	0.12	0.11	0.14	0.13	11.32	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.18	0.12	0.14	27.43	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	391.26	344.20	369.02	368.16	6.40	ppb
Antimony	121-1	0.14	0.13	0.14	0.13	1.53	ppb
Arsenic	75-2	0.12	0.10	0.10	0.10	12.16	ppb
Barium	135-1	11.81	12.14	11.69	11.88	1.94	ppb
Barium	137-1	11.86	11.87	11.85	11.86	0.08	ppb
Beryllium	9-1	0.14	0.09	0.15	0.13	24.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.77	13.69	11.97	12.48	8.47	ppb
Boron	11-1	12.61	11.88	13.40	12.63	6.06	ppb
Cadmium	111-1	-0.02	-0.05	0.01	-0.02		ppb
Cadmium	106-1	-0.93	-1.14	-0.37	-0.81		ppb
Cadmium	108-1	-0.02	-0.02	0.02	-0.01		ppb
Calcium	43-1	5791.75	5796.44	5815.65	5801.28	0.22	ppb
Calcium	44-1	5992.88	5938.28	5968.95	5966.70	0.46	ppb
Chromium	52-2	1.62	1.42	1.51	1.52	6.66	ppb
Cobalt	59-2	0.49	0.53	0.51	0.51	3.52	ppb
Copper	63-2	1.55	1.59	1.56	1.57	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	732.11	735.78	727.70	731.86	0.55	ppb
Iron	57-2	705.75	717.84	755.76	726.45	3.59	ppb
Lead	206-1	1.23	1.27	1.19	1.23	3.23	ppb
Lead	207-1	1.11	1.10	1.01	1.07	4.74	ppb
Lead	208-1	1.15	1.15	1.15	1.15	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	1480.11	1458.25	1465.99	1468.12	0.76	ppb
Manganese	55-2	34.18	35.03	34.90	34.70	1.32	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.26	0.24	0.24	7.05	ppb
Molybdenum	95-1	0.63	0.60	0.64	0.63	3.82	ppb
Molybdenum	96-1	0.49	0.50	0.48	0.49	2.22	ppb
Molybdenum	97-1	0.61	0.67	0.62	0.63	5.47	ppb
Molybdenum	98-1	0.58	0.62	0.70	0.63	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.23	1.25	1.18	9.15	ppb
Phosphorus	31-2	5.11	-24.57	5.28	-4.73		ppb
Potassium	39-2	501.61	543.82	537.84	527.76	4.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	0.79	0.78	0.42	153.41	ppb
Selenium	82-1	0.39	0.48	0.83	0.57	40.61	ppb
Silicon	28-1	973.28	949.82	943.71	955.60	1.63	ppb
Silver	109-1	0.11	0.12	0.13	0.12	6.98	ppb
Silver	107-1	1.30	0.09	0.10	0.50	139.33	ppb
Sodium	23-2	1280.98	1274.17	1267.36	1274.17	0.53	ppb
Strontium	86-1	19.58	19.95	19.91	19.81	1.03	ppb
Strontium	88-1	20.04	20.19	20.09	20.11	0.37	ppb
Sulfur	34-1	189.15	-210.25	-12.51	-11.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.02	0.03	30.49	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	35.15	ppb
Tin	118-1	0.10	0.09	0.09	0.09	7.84	ppb
Titanium	47-1	26.56	25.78	26.59	26.31	1.74	ppb
Uranium	238-1	0.28	0.27	0.27	0.28	1.57	ppb
Vanadium	51-2	1.19	1.24	1.18	1.20	2.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.93	2.59	2.59	2.37	16.17	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	24.57	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.09	0.07	32.10	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	383.89	324.78	413.48	374.05	12.07	ppb
Antimony	121-1	0.10	0.11	0.10	0.10	3.84	ppb
Arsenic	75-2	0.15	0.15	0.25	0.19	30.98	ppb
Barium	135-1	12.43	12.67	12.45	12.52	1.06	ppb
Barium	137-1	12.30	12.54	12.34	12.40	1.05	ppb
Beryllium	9-1	0.10	0.09	0.10	0.10	4.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.13	11.65	11.20	11.66	3.98	ppb
Boron	11-1	10.72	10.28	10.10	10.37	3.07	ppb
Cadmium	111-1	-0.01	-0.11	-0.01	-0.04		ppb
Cadmium	106-1	-0.39	-1.76	-0.61	-0.92		ppb
Cadmium	108-1	-0.05	0.02	0.03	0.00		ppb
Calcium	43-1	6081.13	6017.43	6095.95	6064.84	0.69	ppb
Calcium	44-1	6242.90	6218.45	6306.15	6255.84	0.72	ppb
Chromium	52-2	1.50	1.53	1.61	1.55	3.86	ppb
Cobalt	59-2	0.50	0.56	0.56	0.54	6.99	ppb
Copper	63-2	1.57	1.67	1.69	1.64	4.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	745.31	752.97	741.67	746.65	0.77	ppb
Iron	57-2	706.50	727.85	721.55	718.64	1.53	ppb
Lead	206-1	1.22	1.22	1.27	1.24	2.35	ppb
Lead	207-1	1.13	1.14	1.08	1.12	2.94	ppb
Lead	208-1	1.19	1.18	1.16	1.18	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	1463.86	1477.67	1494.88	1478.80	1.05	ppb
Manganese	55-2	34.89	35.43	34.73	35.02	1.05	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.26	0.27	0.26	5.93	ppb
Molybdenum	95-1	0.62	0.61	0.61	0.61	1.55	ppb
Molybdenum	96-1	0.55	0.56	0.56	0.55	1.24	ppb
Molybdenum	97-1	0.64	0.61	0.59	0.61	3.61	ppb
Molybdenum	98-1	0.68	0.63	0.64	0.65	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.24	1.28	1.26	1.52	ppb
Phosphorus	31-2	-24.57	-24.57	36.01	-4.38		ppb
Potassium	39-2	573.39	541.16	598.98	571.18	5.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	1.95	0.80	0.81	139.94	ppb
Selenium	82-1	1.03	0.57	0.13	0.58	78.96	ppb
Silicon	28-1	1004.24	983.54	994.03	993.94	1.04	ppb
Silver	109-1	0.07	0.09	0.10	0.09	15.45	ppb
Silver	107-1	0.07	0.08	0.09	0.08	9.38	ppb
Sodium	23-2	1277.71	1271.02	1282.53	1277.09	0.45	ppb
Strontium	86-1	20.37	20.35	20.44	20.39	0.25	ppb
Strontium	88-1	20.67	21.05	20.68	20.80	1.07	ppb
Sulfur	34-1	1179.78	412.10	1143.10	911.66	47.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	277.76	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	55.82	ppb
Tin	118-1	0.09	0.11	0.12	0.11	14.73	ppb
Titanium	47-1	27.46	26.78	27.29	27.18	1.30	ppb
Uranium	238-1	0.28	0.29	0.29	0.29	1.88	ppb
Vanadium	51-2	1.26	1.25	1.24	1.25	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.89	3.17	2.57	2.88	10.49	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	13.50	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.07	0.06	27.82	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.51	67.31	55.12	56.65	17.63	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.04	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	113.89	ppb
Barium	135-1	2.23	2.30	2.36	2.30	2.88	ppb
Barium	137-1	2.28	2.26	2.25	2.26	0.78	ppb
Beryllium	9-1	0.12	0.16	0.04	0.10	58.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.05	8.57	7.43	8.02	7.12	ppb
Boron	11-1	6.60	7.22	6.64	6.82	5.05	ppb
Cadmium	111-1	0.00	-0.05	-0.10	-0.05		ppb
Cadmium	106-1	-0.05	-0.89	-1.51	-0.82		ppb
Cadmium	108-1	0.05	-0.05	-0.02	-0.01		ppb
Calcium	43-1	1058.82	1099.51	1146.46	1101.60	3.98	ppb
Calcium	44-1	1122.53	1138.15	1128.90	1129.86	0.70	ppb
Chromium	52-2	0.28	0.22	0.30	0.27	14.69	ppb
Cobalt	59-2	0.11	0.11	0.09	0.10	13.15	ppb
Copper	63-2	0.35	0.35	0.34	0.35	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	141.90	133.78	138.80	138.16	2.97	ppb
Iron	57-2	118.59	123.21	145.96	129.26	11.34	ppb
Lead	206-1	0.25	0.23	0.25	0.24	5.50	ppb
Lead	207-1	0.25	0.26	0.27	0.26	5.34	ppb
Lead	208-1	0.25	0.24	0.27	0.25	5.27	ppb
Lithium	6-1						%
Magnesium	24-2	305.03	269.03	274.31	282.79	6.87	ppb
Manganese	55-2	7.14	6.37	6.44	6.65	6.39	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.02	0.04	0.04	43.48	ppb
Molybdenum	95-1	0.13	0.15	0.13	0.14	6.50	ppb
Molybdenum	96-1	0.10	0.09	0.08	0.09	9.80	ppb
Molybdenum	97-1	0.14	0.13	0.13	0.14	5.21	ppb
Molybdenum	98-1	0.14	0.14	0.10	0.13	17.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.31	0.25	0.25	24.25	ppb
Phosphorus	31-2	5.15	4.11	-24.57	-5.10		ppb
Potassium	39-2	110.67	83.02	86.06	93.25	16.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.89	-2.06	-2.06	0.26	1546.37	ppb
Selenium	78-2	0.76	3.01	0.76	1.51	85.70	ppb
Selenium	82-1	0.76	1.29	1.00	1.02	26.30	ppb
Silicon	28-1	195.22	186.60	184.71	188.84	2.97	ppb
Silver	109-1	0.04	0.04	0.05	0.04	15.22	ppb
Silver	107-1	0.04	0.05	0.04	0.04	16.18	ppb
Sodium	23-2	276.65	262.80	269.24	269.56	2.57	ppb
Strontium	86-1	3.71	3.78	3.90	3.80	2.45	ppb
Strontium	88-1	3.92	3.82	3.94	3.89	1.70	ppb
Sulfur	34-1	-366.65	-235.91	-382.99	-328.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.04	0.05	0.01	0.04	51.78	ppb
Titanium	47-1	4.84	5.40	4.68	4.97	7.58	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.17	ppb
Vanadium	51-2	0.14	0.20	0.20	0.18	18.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.81	0.10	0.36	0.42	85.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.09	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.03	0.01	160.04	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	814.88	855.84	920.32	863.68	6.15	ppb
Antimony	121-1	26.28	26.03	25.59	25.97	1.36	ppb
Arsenic	75-2	28.55	27.38	25.72	27.22	5.23	ppb
Barium	135-1	143.56	141.98	141.62	142.39	0.72	ppb
Barium	137-1	141.10	142.22	140.95	141.42	0.49	ppb
Beryllium	9-1	27.76	28.23	27.47	27.82	1.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	33.63	27.52	32.19	31.11	10.26	ppb
Boron	11-1	31.37	33.38	32.64	32.46	3.12	ppb
Cadmium	111-1	26.96	26.54	26.62	26.71	0.83	ppb
Cadmium	106-1	26.21	25.05	27.10	26.12	3.94	ppb
Cadmium	108-1	26.45	25.48	28.88	26.93	6.50	ppb
Calcium	43-1	8857.29	8740.34	8715.47	8771.03	0.86	ppb
Calcium	44-1	9037.65	8900.32	8959.65	8965.87	0.77	ppb
Chromium	52-2	29.21	30.06	30.32	29.86	1.93	ppb
Cobalt	59-2	28.72	29.38	29.84	29.31	1.92	ppb
Copper	63-2	56.23	57.26	57.47	56.99	1.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2166.00	2176.15	2194.29	2178.81	0.66	ppb
Iron	57-2	2095.82	2187.65	2145.12	2142.86	2.14	ppb
Lead	206-1	27.86	27.52	27.60	27.66	0.64	ppb
Lead	207-1	27.50	27.64	27.19	27.44	0.84	ppb
Lead	208-1	27.49	27.41	27.33	27.41	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	4542.73	4525.75	4628.45	4565.64	1.21	ppb
Manganese	55-2	88.98	85.08	89.06	87.71	2.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.26	25.92	25.57	25.58	1.28	ppb
Molybdenum	95-1	25.94	26.46	26.19	26.20	0.99	ppb
Molybdenum	96-1	25.14	25.99	25.60	25.57	1.66	ppb
Molybdenum	97-1	26.37	26.18	26.52	26.36	0.65	ppb
Molybdenum	98-1	26.03	26.45	25.91	26.13	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.76	29.68	30.42	30.29	1.82	ppb
Phosphorus	31-2	-24.57	-24.57	-24.57	-24.57		ppb
Potassium	39-2	1812.39	1900.14	1908.54	1873.69	2.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	33.50	26.39	-2.06	19.28	97.59	ppb
Selenium	78-2	30.70	22.96	19.60	24.42	23.31	ppb
Selenium	82-1	27.72	27.65	29.08	28.15	2.87	ppb
Silicon	28-1	1053.83	1057.40	1028.96	1046.73	1.48	ppb
Silver	109-1	28.76	28.13	28.87	28.59	1.38	ppb
Silver	107-1	28.19	28.76	28.14	28.37	1.21	ppb
Sodium	23-2	4032.45	4128.44	4089.76	4083.55	1.18	ppb
Strontium	86-1	46.37	45.63	46.06	46.02	0.80	ppb
Strontium	88-1	47.43	47.53	47.51	47.49	0.12	ppb
Sulfur	34-1	120.76	40.58	-264.92	-34.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.63	26.65	26.80	26.69	0.36	ppb
Thallium	205-1	26.98	27.12	26.83	26.98	0.53	ppb
Tin	118-1	25.68	25.80	25.63	25.70	0.33	ppb
Titanium	47-1	52.43	51.33	50.96	51.57	1.48	ppb
Uranium	238-1	25.47	25.58	25.75	25.60	0.56	ppb
Vanadium	51-2	28.01	28.01	28.96	28.33	1.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.85	59.00	57.09	57.98	1.66	ppb
Zirconium	90-1	24.45	24.61	24.50	24.52	0.34	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.25	24.63	24.66	24.51	0.94	ppb

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : I6234-01MSDDLX20 Instrumnet Name : P8
 Client Sample ID : TW-1MSDDL Dilution Factor : 20
 Date & Time Acquired :: 2017-10-31 16:01:55 DataFile Name : 036SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	857.40	930.05	874.15	887.20	4.29	ppb
Antimony	121-1	26.36	25.77	26.03	26.06	1.13	ppb
Arsenic	75-2	26.92	28.95	28.41	28.09	3.74	ppb
Barium	135-1	145.12	140.49	142.44	142.68	1.63	ppb
Barium	137-1	141.68	140.84	140.38	140.97	0.47	ppb
Beryllium	9-1	27.46	27.27	27.59	27.44	0.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	31.33	32.46	31.29	31.69	2.11	ppb
Boron	11-1	31.04	32.74	33.54	32.44	3.94	ppb
Cadmium	111-1	27.30	26.49	26.85	26.88	1.51	ppb
Cadmium	106-1	25.40	25.79	25.14	25.44	1.28	ppb
Cadmium	108-1	26.87	27.47	27.23	27.19	1.12	ppb
Calcium	43-1	8573.17	8657.66	8465.85	8565.56	1.12	ppb
Calcium	44-1	8848.30	8803.99	8771.10	8807.80	0.44	ppb
Chromium	52-2	30.13	30.73	29.44	30.10	2.15	ppb
Cobalt	59-2	28.63	29.00	28.56	28.73	0.82	ppb
Copper	63-2	55.51	56.10	55.69	55.77	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2137.90	2188.61	2129.66	2152.06	1.48	ppb
Iron	57-2	2100.60	2189.70	2045.24	2111.84	3.45	ppb
Lead	206-1	27.74	27.64	28.33	27.90	1.34	ppb
Lead	207-1	27.47	27.27	27.39	27.37	0.36	ppb
Lead	208-1	27.60	27.19	27.78	27.52	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	4355.39	4460.77	4369.31	4395.15	1.30	ppb
Manganese	55-2	86.71	89.56	85.61	87.30	2.33	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:01:55	DataFile Name :	036SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.54	25.36	25.59	25.50	0.47	ppb
Molybdenum	95-1	25.91	25.99	26.56	26.15	1.35	ppb
Molybdenum	96-1	25.81	25.78	25.51	25.70	0.64	ppb
Molybdenum	97-1	26.65	26.19	26.82	26.55	1.24	ppb
Molybdenum	98-1	25.77	25.76	26.33	25.95	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.37	30.76	29.35	30.16	2.42	ppb
Phosphorus	31-2	5.21	-24.57	34.93	5.19	573.04	ppb
Potassium	39-2	1795.54	1918.55	1773.60	1829.23	4.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.81	27.05	5.09	26.65	80.15	ppb
Selenium	78-2	27.44	34.84	32.01	31.43	11.88	ppb
Selenium	82-1	26.66	28.58	27.71	27.65	3.48	ppb
Silicon	28-1	1046.46	1059.64	1129.19	1078.43	4.12	ppb
Silver	109-1	28.61	28.11	28.49	28.40	0.91	ppb
Silver	107-1	28.13	28.12	28.80	28.35	1.38	ppb
Sodium	23-2	3987.06	4052.73	3991.95	4010.58	0.91	ppb
Strontium	86-1	46.65	46.11	47.09	46.62	1.05	ppb
Strontium	88-1	46.85	46.98	47.50	47.11	0.73	ppb
Sulfur	34-1	-153.06	-178.65	-581.39	-304.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.79	26.94	27.17	26.97	0.70	ppb
Thallium	205-1	27.06	27.16	27.36	27.20	0.57	ppb
Tin	118-1	25.92	25.59	25.57	25.69	0.77	ppb
Titanium	47-1	55.81	55.14	52.60	54.52	3.11	ppb
Uranium	238-1	25.89	25.54	25.84	25.76	0.73	ppb
Vanadium	51-2	28.29	29.10	28.67	28.69	1.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.67	59.58	57.40	57.22	4.30	ppb
Zirconium	90-1	24.82	24.96	24.85	24.88	0.29	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:01:55	DataFile Name :	036SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.38	24.35	24.54	24.42	0.40	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1023.00	970.74	940.84	978.19	4.25	ppb
Antimony	121-1	26.71	27.09	26.73	26.84	0.80	ppb
Arsenic	75-2	28.42	27.90	28.91	28.41	1.78	ppb
Barium	135-1	146.41	147.91	144.99	146.44	1.00	ppb
Barium	137-1	144.67	145.94	145.26	145.29	0.44	ppb
Beryllium	9-1	29.41	28.22	27.57	28.40	3.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	33.23	32.66	32.37	32.75	1.34	ppb
Boron	11-1	31.31	33.75	33.80	32.95	4.32	ppb
Cadmium	111-1	27.61	27.79	27.50	27.64	0.52	ppb
Cadmium	106-1	26.27	26.19	26.08	26.18	0.38	ppb
Cadmium	108-1	25.92	27.89	26.73	26.84	3.68	ppb
Calcium	43-1	9037.83	8786.84	9188.59	9004.42	2.25	ppb
Calcium	44-1	9220.09	9082.42	9326.93	9209.82	1.33	ppb
Chromium	52-2	31.65	30.97	31.99	31.53	1.64	ppb
Cobalt	59-2	30.46	29.57	31.02	30.35	2.41	ppb
Copper	63-2	59.93	58.26	61.15	59.78	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2278.36	2204.42	2343.87	2275.55	3.07	ppb
Iron	57-2	2195.71	2142.27	2236.59	2191.52	2.16	ppb
Lead	206-1	28.67	28.79	28.63	28.70	0.28	ppb
Lead	207-1	28.38	28.21	28.39	28.32	0.35	ppb
Lead	208-1	28.49	28.43	28.44	28.45	0.12	ppb
Lithium	6-1						%
Magnesium	24-2	4590.94	4562.22	4802.72	4651.96	2.82	ppb
Manganese	55-2	92.44	87.86	92.54	90.94	2.94	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	26.05	25.95	26.00	26.00	0.19	ppb
Molybdenum	95-1	26.85	26.37	27.03	26.75	1.28	ppb
Molybdenum	96-1	26.40	25.97	26.33	26.23	0.86	ppb
Molybdenum	97-1	26.88	27.18	27.64	27.24	1.41	ppb
Molybdenum	98-1	26.69	26.02	26.63	26.45	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.83	30.87	32.56	32.09	3.31	ppb
Phosphorus	31-2	69.79	36.42	-24.57	27.21	175.84	ppb
Potassium	39-2	1939.11	1814.94	1978.92	1910.99	4.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	27.12	34.40	58.66	40.06	41.23	ppb
Selenium	78-2	34.92	26.94	18.60	26.82	30.43	ppb
Selenium	82-1	29.12	28.25	29.02	28.80	1.66	ppb
Silicon	28-1	1076.20	1070.83	1076.82	1074.61	0.31	ppb
Silver	109-1	29.13	29.31	28.99	29.14	0.54	ppb
Silver	107-1	28.90	29.27	29.04	29.07	0.64	ppb
Sodium	23-2	4228.64	4177.25	4338.53	4248.14	1.94	ppb
Strontium	86-1	46.44	47.37	48.20	47.34	1.86	ppb
Strontium	88-1	48.44	48.29	48.47	48.40	0.20	ppb
Sulfur	34-1	-201.38	-360.80	-163.93	-242.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	27.78	27.80	28.15	27.91	0.75	ppb
Thallium	205-1	28.26	27.98	28.00	28.08	0.56	ppb
Tin	118-1	26.51	26.54	26.43	26.49	0.23	ppb
Titanium	47-1	126.17	53.43	54.97	78.19	53.16	ppb
Uranium	238-1	26.72	26.55	26.83	26.70	0.53	ppb
Vanadium	51-2	29.37	30.63	30.32	30.11	2.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	61.92	59.44	58.54	59.97	2.92	ppb
Zirconium	90-1	25.53	25.33	25.61	25.49	0.56	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.47	25.20	25.48	25.38	0.63	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.90	56.47	44.49	50.29	11.93	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	8.45	ppb
Arsenic	75-2	1.88	1.78	1.72	1.80	4.50	ppb
Barium	135-1	32.60	33.52	32.43	32.85	1.79	ppb
Barium	137-1	32.53	33.28	33.10	32.97	1.20	ppb
Beryllium	9-1	0.05	0.09	0.05	0.06	31.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.93	8.03	7.31	7.76	5.03	ppb
Boron	11-1	8.60	7.75	7.66	8.00	6.46	ppb
Cadmium	111-1	-0.07	-0.09	-0.01	-0.06		ppb
Cadmium	106-1	-1.02	-1.32	-0.34	-0.90		ppb
Cadmium	108-1	-0.05	-0.05	0.02	-0.03		ppb
Calcium	43-1	8804.12	9011.46	9077.37	8964.31	1.59	ppb
Calcium	44-1	9151.08	9345.86	9218.69	9238.54	1.07	ppb
Chromium	52-2	0.33	0.38	0.23	0.31	24.19	ppb
Cobalt	59-2	0.13	0.10	0.10	0.11	15.12	ppb
Copper	63-2	0.33	0.40	0.34	0.36	10.82	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	830.61	857.28	800.84	829.58	3.40	ppb
Iron	57-2	781.77	862.41	771.06	805.08	6.20	ppb
Lead	206-1	0.07	0.09	0.09	0.08	14.17	ppb
Lead	207-1	0.07	0.05	0.07	0.06	18.93	ppb
Lead	208-1	0.07	0.07	0.08	0.07	7.90	ppb
Lithium	6-1						%
Magnesium	24-2	3053.35	3174.26	2941.56	3056.39	3.81	ppb
Manganese	55-2	127.14	129.46	120.78	125.79	3.57	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.10	0.10	0.10	0.49	ppb
Molybdenum	95-1	0.25	0.28	0.27	0.27	6.42	ppb
Molybdenum	96-1	0.24	0.21	0.27	0.24	12.61	ppb
Molybdenum	97-1	0.28	0.25	0.31	0.28	10.57	ppb
Molybdenum	98-1	0.24	0.31	0.25	0.26	13.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.42	0.42	0.43	6.42	ppb
Phosphorus	31-2	37.82	7.92	-24.57	7.06	442.22	ppb
Potassium	39-2	597.72	609.73	561.27	589.58	4.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.20	-2.06	5.28	2.81	149.98	ppb
Selenium	78-2	1.94	0.83	-0.32	0.82	138.44	ppb
Selenium	82-1	0.67	0.27	0.14	0.36	75.86	ppb
Silicon	28-1	703.05	720.37	716.65	713.36	1.28	ppb
Silver	109-1	0.05	0.03	0.05	0.04	17.87	ppb
Silver	107-1	0.05	0.06	0.04	0.05	23.29	ppb
Sodium	23-2	5666.24	5896.91	5509.90	5691.02	3.42	ppb
Strontium	86-1	23.39	24.24	23.95	23.86	1.82	ppb
Strontium	88-1	24.38	24.41	24.49	24.43	0.25	ppb
Sulfur	34-1	-884.10	-728.73	-539.04	-717.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	296.61	ppb
Tin	118-1	0.04	0.02	0.06	0.04	47.51	ppb
Titanium	47-1	4.09	3.59	4.01	3.90	6.94	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	9.84	ppb
Vanadium	51-2	0.08	0.29	0.18	0.19	56.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.70	0.65	0.56	0.64	11.03	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	49.13	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.06	0.04	55.22	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	5.20	3.15	3.79	32.26	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	32.91	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	7.16	6.95	6.99	7.04	1.59	ppb
Barium	137-1	6.74	6.88	7.04	6.89	2.13	ppb
Beryllium	9-1	0.02	0.04	0.06	0.04	52.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.37	5.65	7.78	6.27	21.00	ppb
Boron	11-1	5.83	5.67	6.66	6.05	8.74	ppb
Cadmium	111-1	-0.08	-0.04	-0.08	-0.07		ppb
Cadmium	106-1	-1.23	-0.76	-1.06	-1.02		ppb
Cadmium	108-1	0.02	-0.05	-0.02	-0.02		ppb
Calcium	43-1	5269.76	5406.62	5355.85	5344.08	1.29	ppb
Calcium	44-1	5508.02	5524.40	5521.67	5518.03	0.16	ppb
Chromium	52-2	0.10	0.10	0.11	0.10	6.86	ppb
Cobalt	59-2	0.04	0.07	0.09	0.07	31.61	ppb
Copper	63-2	0.50	0.49	0.47	0.49	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.97	0.80	0.78	0.85	12.33	ppb
Iron	57-2	2.78	0.53	2.36	1.89	63.37	ppb
Lead	206-1	0.06	0.07	0.05	0.06	15.60	ppb
Lead	207-1	0.06	0.07	0.04	0.05	25.50	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.43	ppb
Lithium	6-1						%
Magnesium	24-2	1202.55	1179.23	1227.66	1203.15	2.01	ppb
Manganese	55-2	19.22	19.35	20.06	19.54	2.33	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.13	0.14	0.14	8.76	ppb
Molybdenum	95-1	0.41	0.38	0.39	0.39	3.08	ppb
Molybdenum	96-1	0.38	0.32	0.27	0.32	17.10	ppb
Molybdenum	97-1	0.44	0.43	0.41	0.43	3.75	ppb
Molybdenum	98-1	0.39	0.41	0.41	0.40	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.08	0.13	36.67	ppb
Phosphorus	31-2	-24.57	-24.57	-24.57	-24.57		ppb
Potassium	39-2	403.06	406.93	390.07	400.02	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	5.17	0.35	1182.72	ppb
Selenium	78-2	3.04	1.95	0.81	1.93	57.81	ppb
Selenium	82-1	0.66	0.71	0.39	0.59	28.76	ppb
Silicon	28-1	387.60	394.41	393.33	391.78	0.93	ppb
Silver	109-1	0.03	0.02	0.04	0.03	33.78	ppb
Silver	107-1	0.03	0.03	0.02	0.03	24.89	ppb
Sodium	23-2	1124.20	1158.50	1165.50	1149.40	1.92	ppb
Strontium	86-1	17.95	18.29	18.19	18.14	0.94	ppb
Strontium	88-1	18.55	18.53	18.36	18.48	0.58	ppb
Sulfur	34-1	-195.94	77.87	-143.90	-87.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.00	0.00		ppb
Titanium	47-1	0.03	0.01	0.00	0.02	103.33	ppb
Uranium	238-1	0.23	0.22	0.22	0.22	4.33	ppb
Vanadium	51-2	0.06	0.06	0.00	0.04	87.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	-0.02	-0.19	-0.08		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	50.84	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	1.29	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50189.01	49834.33	49203.96	49742.43	1.00	ppb
Antimony	121-1	500.25	497.63	507.74	501.87	1.05	ppb
Arsenic	75-2	507.45	502.61	504.33	504.80	0.49	ppb
Barium	135-1	2537.55	2526.15	2555.21	2539.64	0.58	ppb
Barium	137-1	2513.37	2508.77	2505.60	2509.25	0.16	ppb
Beryllium	9-1	536.71	529.74	531.45	532.63	0.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	507.49	543.56	528.56	526.54	3.44	ppb
Boron	11-1	525.17	533.98	536.12	531.75	1.09	ppb
Cadmium	111-1	485.42	482.27	482.96	483.55	0.34	ppb
Cadmium	106-1	486.54	498.89	488.10	491.17	1.37	ppb
Cadmium	108-1	487.10	491.57	483.41	487.36	0.84	ppb
Calcium	43-1	250142.92	249363.13	248614.66	249373.57	0.31	ppb
Calcium	44-1	246554.98	250705.85	247810.11	248356.98	0.86	ppb
Chromium	52-2	517.60	508.04	501.23	508.96	1.62	ppb
Cobalt	59-2	504.54	497.39	488.74	496.89	1.59	ppb
Copper	63-2	977.94	964.82	949.05	963.94	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129039.27	126768.19	126007.44	127271.63	1.24	ppb
Iron	57-2	125796.19	124784.15	122508.00	124362.78	1.35	ppb
Lead	206-1	516.94	522.11	521.15	520.07	0.53	ppb
Lead	207-1	511.06	516.84	509.47	512.46	0.76	ppb
Lead	208-1	513.53	516.87	513.55	514.65	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	261394.37	254795.20	251201.73	255797.10	2.02	ppb
Manganese	55-2	1004.36	989.73	974.28	989.45	1.52	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	518.21	520.29	515.04	517.85	0.51	ppb
Molybdenum	95-1	507.35	511.17	520.39	512.97	1.31	ppb
Molybdenum	96-1	520.68	519.37	520.47	520.18	0.14	ppb
Molybdenum	97-1	500.31	499.29	502.20	500.60	0.29	ppb
Molybdenum	98-1	512.90	517.44	509.26	513.20	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.52	497.43	490.02	496.32	1.17	ppb
Phosphorus	31-2	10353.89	9896.38	10286.75	10179.00	2.43	ppb
Potassium	39-2	128728.26	127745.67	124877.38	127117.10	1.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	545.76	565.60	630.16	580.51	7.60	ppb
Selenium	78-2	511.85	514.93	499.90	508.89	1.56	ppb
Selenium	82-1	498.93	498.90	496.36	498.06	0.30	ppb
Silicon	28-1	483.99	501.64	481.20	488.95	2.27	ppb
Silver	109-1	504.04	490.96	492.33	495.78	1.45	ppb
Silver	107-1	496.95	498.17	494.84	496.66	0.34	ppb
Sodium	23-2	260333.51	254708.14	251806.97	255616.21	1.70	ppb
Strontium	86-1	513.35	514.99	508.05	512.13	0.71	ppb
Strontium	88-1	523.40	527.97	522.39	524.59	0.57	ppb
Sulfur	34-1	9875.43	9724.39	9725.04	9774.95	0.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.30	516.22	512.90	517.14	0.92	ppb
Thallium	205-1	510.75	509.65	508.35	509.58	0.24	ppb
Tin	118-1	507.66	505.65	508.01	507.11	0.25	ppb
Titanium	47-1	496.45	502.52	498.81	499.26	0.61	ppb
Uranium	238-1	519.57	514.78	523.84	519.40	0.87	ppb
Vanadium	51-2	515.71	505.22	495.02	505.32	2.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	998.17	969.08	962.66	976.64	1.94	ppb
Zirconium	90-1	512.19	516.38	514.09	514.22	0.41	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.49	504.21	503.51	503.40	0.17	ppb

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 16:17:43 DataFile Name : 041CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	2.73	0.87	1.48	73.01	ppb
Antimony	121-1	0.29	0.27	0.26	0.27	5.82	ppb
Arsenic	75-2	-0.03	0.02	0.00	0.00		ppb
Barium	135-1	0.07	0.03	0.01	0.04	101.05	ppb
Barium	137-1	0.01	0.02	0.00	0.01	70.78	ppb
Beryllium	9-1	0.16	0.11	0.24	0.17	38.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.19	14.82	13.14	14.72	10.36	ppb
Boron	11-1	17.31	15.06	13.15	15.17	13.74	ppb
Cadmium	111-1	0.06	0.00	-0.05	0.00	1946.27	ppb
Cadmium	106-1	0.10	-0.55	-1.16	-0.54		ppb
Cadmium	108-1	0.05	0.09	-0.02	0.04	130.52	ppb
Calcium	43-1	-34.18	-30.58	-31.07	-31.94		ppb
Calcium	44-1	3.37	0.99	0.57	1.64	92.15	ppb
Chromium	52-2	0.00	-0.06	0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.13	0.08	0.12	0.11	23.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.71	2.39	2.49	2.20	19.29	ppb
Iron	57-2	-0.80	-0.82	1.99	0.12	1294.03	ppb
Lead	206-1	0.06	0.05	0.06	0.06	10.50	ppb
Lead	207-1	0.05	0.06	0.08	0.06	19.55	ppb
Lead	208-1	0.06	0.05	0.06	0.06	8.28	ppb
Lithium	6-1						%
Magnesium	24-2	5.37	4.45	2.15	3.99	41.63	ppb
Manganese	55-2	0.00	-0.02	-0.02	-0.02		ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:17:43	DataFile Name :	041CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.06	0.03	0.04	39.33	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	14.20	ppb
Molybdenum	96-1	0.03	0.06	0.07	0.05	32.25	ppb
Molybdenum	97-1	0.02	0.04	0.05	0.04	37.83	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	13.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.03	0.09	0.09	71.04	ppb
Phosphorus	31-2	3.69	31.37	32.74	22.60	72.51	ppb
Potassium	39-2	-3.50	4.12	-6.52	-1.97		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	-0.32	0.75	0.04	1664.66	ppb
Selenium	82-1	0.32	1.10	0.84	0.75	53.06	ppb
Silicon	28-1	-31.49	-32.24	-31.45	-31.73		ppb
Silver	109-1	0.05	0.04	0.04	0.04	9.68	ppb
Silver	107-1	0.04	0.04	0.04	0.04	0.28	ppb
Sodium	23-2	65.74	61.91	72.09	66.58	7.72	ppb
Strontium	86-1	0.04	0.02	0.00	0.02	110.41	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	61.37	ppb
Sulfur	34-1	-892.77	-862.32	-936.64	-897.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.11	0.08	0.09	18.14	ppb
Thallium	205-1	0.10	0.08	0.07	0.09	13.30	ppb
Tin	118-1	0.08	0.07	0.05	0.07	28.96	ppb
Titanium	47-1	-0.03	-0.02	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.48	ppb
Vanadium	51-2	0.01	0.01	-0.02	0.00	2294.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.14	-0.37	-0.46	-0.32		ppb
Zirconium	90-1	0.03	0.05	0.02	0.03	40.74	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:17:43	DataFile Name :	041CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.02	0.04	51.31	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.87	0.86	0.85	2.37	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	20.59	ppb
Arsenic	75-2	0.43	0.21	0.41	0.35	34.42	ppb
Barium	135-1	25.86	25.81	25.41	25.69	0.97	ppb
Barium	137-1	25.20	25.20	24.89	25.10	0.72	ppb
Beryllium	9-1	0.06	0.07	0.14	0.09	47.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.86	9.77	8.80	9.48	6.17	ppb
Boron	11-1	9.70	10.59	10.16	10.15	4.40	ppb
Cadmium	111-1	-0.06	-0.02	-0.05	-0.05		ppb
Cadmium	106-1	-1.10	-0.46	-0.74	-0.77		ppb
Cadmium	108-1	-0.02	-0.05	-0.02	-0.03		ppb
Calcium	43-1	8158.80	8188.33	8013.67	8120.27	1.15	ppb
Calcium	44-1	8403.63	8354.70	8327.70	8362.01	0.46	ppb
Chromium	52-2	-0.07	0.04	0.01	0.00		ppb
Cobalt	59-2	0.06	0.05	0.03	0.05	28.12	ppb
Copper	63-2	0.40	0.41	0.30	0.37	16.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.89	1.67	1.61	1.73	8.65	ppb
Iron	57-2	4.06	-0.78	-0.23	1.02	260.36	ppb
Lead	206-1	0.05	0.04	0.06	0.05	13.44	ppb
Lead	207-1	0.06	0.08	0.05	0.06	18.21	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.38	ppb
Lithium	6-1						%
Magnesium	24-2	2667.56	2753.69	2767.98	2729.74	1.99	ppb
Manganese	55-2	109.88	113.09	112.13	111.70	1.47	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.09	0.09	2.34	ppb
Molybdenum	95-1	0.23	0.24	0.22	0.23	6.02	ppb
Molybdenum	96-1	0.19	0.22	0.19	0.20	8.93	ppb
Molybdenum	97-1	0.25	0.30	0.23	0.26	13.25	ppb
Molybdenum	98-1	0.24	0.24	0.23	0.24	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.30	0.24	23.04	ppb
Phosphorus	31-2	-24.57	4.03	3.98	-5.52		ppb
Potassium	39-2	580.11	540.18	523.55	547.94	5.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	0.74	0.73	0.74	0.74	0.72	ppb
Selenium	82-1	0.58	-0.61	0.10	0.02	2707.35	ppb
Silicon	28-1	588.15	588.84	569.16	582.05	1.92	ppb
Silver	109-1	0.02	0.04	0.03	0.03	32.58	ppb
Silver	107-1	0.04	0.03	0.03	0.03	25.96	ppb
Sodium	23-2	5084.96	5195.43	5175.84	5152.07	1.14	ppb
Strontium	86-1	21.51	22.15	21.77	21.81	1.48	ppb
Strontium	88-1	22.29	22.25	22.37	22.30	0.28	ppb
Sulfur	34-1	-565.34	-706.23	-832.88	-701.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.02	0.02	52.46	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	8.88	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	145.58	ppb
Titanium	47-1	0.08	0.04	0.07	0.06	35.18	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	4.41	ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	462.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	0.16	-0.20	0.00	4859.75	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.66	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.02	25.07	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49978.38	48879.11	48500.31	49119.27	1.56	ppb
Antimony	121-1	507.10	503.56	507.55	506.07	0.43	ppb
Arsenic	75-2	506.12	502.57	498.02	502.24	0.81	ppb
Barium	135-1	2538.50	2537.13	2540.25	2538.62	0.06	ppb
Barium	137-1	2498.60	2497.51	2523.91	2506.67	0.60	ppb
Beryllium	9-1	532.42	535.27	533.00	533.56	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	536.13	519.69	543.31	533.04	2.27	ppb
Boron	11-1	523.27	534.26	545.90	534.48	2.12	ppb
Cadmium	111-1	481.81	484.62	482.84	483.09	0.29	ppb
Cadmium	106-1	485.22	493.90	478.81	485.97	1.56	ppb
Cadmium	108-1	493.16	490.05	492.39	491.87	0.33	ppb
Calcium	43-1	245976.92	253039.19	243303.46	247439.85	2.03	ppb
Calcium	44-1	244458.16	249248.43	244062.60	245923.06	1.17	ppb
Chromium	52-2	505.36	496.97	491.90	498.07	1.37	ppb
Cobalt	59-2	488.43	480.60	473.44	480.82	1.56	ppb
Copper	63-2	948.01	925.61	912.43	928.68	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126094.55	124272.17	121678.75	124015.16	1.79	ppb
Iron	57-2	121855.68	120142.37	118784.07	120260.70	1.28	ppb
Lead	206-1	512.72	520.60	518.62	517.31	0.79	ppb
Lead	207-1	507.33	518.12	507.57	511.01	1.21	ppb
Lead	208-1	510.08	518.61	508.72	512.47	1.05	ppb
Lithium	6-1						%
Magnesium	24-2	254912.32	249970.34	246962.21	250614.96	1.60	ppb
Manganese	55-2	987.05	975.44	955.17	972.55	1.66	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.71	521.08	511.05	514.61	1.09	ppb
Molybdenum	95-1	501.35	514.97	501.71	506.01	1.53	ppb
Molybdenum	96-1	510.59	518.13	506.27	511.66	1.17	ppb
Molybdenum	97-1	494.02	503.14	492.49	496.55	1.16	ppb
Molybdenum	98-1	508.76	514.96	502.13	508.62	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.27	482.45	472.36	480.36	1.50	ppb
Phosphorus	31-2	10493.00	10873.84	10023.59	10463.48	4.07	ppb
Potassium	39-2	126798.36	127031.33	124218.95	126016.21	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	542.11	550.85	512.53	535.16	3.75	ppb
Selenium	78-2	537.06	485.08	536.69	519.61	5.75	ppb
Selenium	82-1	493.17	505.10	492.15	496.81	1.45	ppb
Silicon	28-1	487.32	494.93	476.24	486.16	1.93	ppb
Silver	109-1	492.86	492.16	497.47	494.16	0.58	ppb
Silver	107-1	495.18	496.87	503.77	498.61	0.91	ppb
Sodium	23-2	255753.29	250104.74	247871.63	251243.22	1.62	ppb
Strontium	86-1	504.79	519.12	510.51	511.47	1.41	ppb
Strontium	88-1	514.71	523.49	516.14	518.11	0.91	ppb
Sulfur	34-1	9339.84	9459.00	8955.39	9251.41	2.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.10	521.38	511.69	515.39	1.02	ppb
Thallium	205-1	509.58	512.60	508.72	510.30	0.40	ppb
Tin	118-1	505.62	506.25	510.44	507.44	0.52	ppb
Titanium	47-1	492.25	504.34	488.51	495.04	1.67	ppb
Uranium	238-1	509.63	521.03	504.18	511.61	1.68	ppb
Vanadium	51-2	500.94	492.96	487.20	493.70	1.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	984.31	955.61	952.61	964.18	1.81	ppb
Zirconium	90-1	507.87	512.50	502.97	507.78	0.94	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.53	500.95	494.66	496.38	0.81	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:28:21	DataFile Name :	044CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	2.70	2.63	2.03	54.24	ppb
Antimony	121-1	0.29	0.30	0.28	0.29	2.24	ppb
Arsenic	75-2	0.02	0.04	-0.01	0.02	128.63	ppb
Barium	135-1	0.01	0.00	0.01	0.01	86.08	ppb
Barium	137-1	0.03	0.01	0.00	0.01	160.65	ppb
Beryllium	9-1	0.18	0.20	0.27	0.22	21.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.92	17.06	16.88	16.62	3.70	ppb
Boron	11-1	17.95	15.37	15.00	16.11	9.97	ppb
Cadmium	111-1	0.02	0.04	0.00	0.02	91.92	ppb
Cadmium	106-1	-0.04	-0.11	-0.47	-0.21		ppb
Cadmium	108-1	0.12	-0.05	-0.05	0.01	1822.44	ppb
Calcium	43-1	-35.38	-38.78	-48.27	-40.81		ppb
Calcium	44-1	1.56	2.28	-0.55	1.10	134.10	ppb
Chromium	52-2	0.07	0.10	-0.02	0.05	129.10	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.02		ppb
Copper	63-2	0.12	0.10	0.10	0.11	9.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.20	2.37	1.73	2.10	15.77	ppb
Iron	57-2	0.17	-0.29	-0.86	-0.33		ppb
Lead	206-1	0.06	0.07	0.06	0.06	5.74	ppb
Lead	207-1	0.06	0.06	0.05	0.06	7.05	ppb
Lead	208-1	0.06	0.06	0.05	0.06	9.80	ppb
Lithium	6-1						%
Magnesium	24-2	-1.37	3.16	2.23	1.34	178.41	ppb
Manganese	55-2	0.01	0.05	0.01	0.03	90.73	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:28:21	DataFile Name :	044CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.06	0.06	8.49	ppb
Molybdenum	95-1	0.04	0.05	0.03	0.04	28.28	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	20.79	ppb
Molybdenum	97-1	0.02	0.05	0.07	0.04	56.15	ppb
Molybdenum	98-1	0.07	0.06	0.04	0.06	29.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	0.09	0.05	66.72	ppb
Phosphorus	31-2	-24.57	-24.57	-24.57	-24.57		ppb
Potassium	39-2	15.05	-1.67	7.96	7.11	117.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	0.72	-0.32	0.73	0.38	160.38	ppb
Selenium	82-1	0.37	0.27	0.78	0.47	57.51	ppb
Silicon	28-1	-29.61	-29.20	-28.47	-29.09		ppb
Silver	109-1	0.05	0.05	0.04	0.04	9.74	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.96	ppb
Sodium	23-2	77.86	72.57	62.91	71.12	10.66	ppb
Strontium	86-1	0.07	-0.01	0.08	0.05	100.08	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	226.61	ppb
Sulfur	34-1	-1062.30	-1063.66	-940.53	-1022.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.11	0.08	0.10	15.70	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	1.47	ppb
Tin	118-1	0.10	0.07	0.08	0.08	16.21	ppb
Titanium	47-1	-0.01	0.03	0.05	0.02	113.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.29	-0.28	-0.22	-0.26		ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	23.78	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:28:21	DataFile Name :	044CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.02	0.03	46.23	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3319.34	3508.78	3423.93	3417.35	2.78	ppb
Antimony	121-1	0.87	0.82	0.66	0.78	14.00	ppb
Arsenic	75-2	1.32	1.29	1.38	1.33	3.51	ppb
Barium	135-1	119.94	119.72	120.88	120.18	0.51	ppb
Barium	137-1	119.95	120.65	119.90	120.17	0.35	ppb
Beryllium	9-1	0.19	0.15	0.14	0.16	14.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.94	18.75	19.73	20.47	10.70	ppb
Boron	11-1	20.99	20.44	19.80	20.41	2.93	ppb
Cadmium	111-1	0.14	0.13	0.15	0.14	6.65	ppb
Cadmium	106-1	-1.03	-0.77	-0.93	-0.91		ppb
Cadmium	108-1	0.20	0.27	0.30	0.26	20.71	ppb
Calcium	43-1	57990.78	57640.71	58543.91	58058.47	0.78	ppb
Calcium	44-1	58618.06	58319.06	58504.90	58480.68	0.26	ppb
Chromium	52-2	14.75	15.25	14.85	14.95	1.78	ppb
Cobalt	59-2	5.74	6.01	5.92	5.89	2.40	ppb
Copper	63-2	14.74	14.94	15.09	14.92	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7502.02	7667.01	7568.04	7579.02	1.10	ppb
Iron	57-2	7166.48	7474.76	7235.95	7292.39	2.22	ppb
Lead	206-1	11.77	11.60	11.67	11.68	0.71	ppb
Lead	207-1	10.60	10.57	10.71	10.63	0.69	ppb
Lead	208-1	11.29	11.08	11.17	11.18	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	14581.92	14960.48	14578.98	14707.13	1.49	ppb
Manganese	55-2	336.47	345.67	339.41	340.52	1.38	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.39	2.31	2.40	2.37	2.09	ppb
Molybdenum	95-1	6.14	6.13	6.24	6.17	0.99	ppb
Molybdenum	96-1	5.38	5.26	5.21	5.28	1.58	ppb
Molybdenum	97-1	6.17	6.52	6.31	6.34	2.78	ppb
Molybdenum	98-1	6.18	6.29	6.39	6.29	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.44	11.78	10.95	11.39	3.66	ppb
Phosphorus	31-2	235.19	144.90	76.85	152.31	52.15	ppb
Potassium	39-2	5403.10	5627.92	5435.84	5488.95	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	36.43	13.45	15.94	121.48	ppb
Selenium	78-2	2.03	6.87	4.51	4.47	54.11	ppb
Selenium	82-1	1.59	1.63	2.21	1.81	19.34	ppb
Silicon	28-1	9246.63	9109.15	9266.01	9207.26	0.93	ppb
Silver	109-1	0.63	0.56	0.49	0.56	12.64	ppb
Silver	107-1	0.63	0.51	0.47	0.53	15.55	ppb
Sodium	23-2	12072.87	12368.86	12278.27	12240.00	1.24	ppb
Strontium	86-1	196.47	198.19	197.51	197.39	0.44	ppb
Strontium	88-1	204.20	204.90	204.13	204.41	0.21	ppb
Sulfur	34-1	3682.04	3218.12	3295.91	3398.69	7.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.17	0.15	0.19	25.79	ppb
Thallium	205-1	0.28	0.18	0.15	0.20	31.99	ppb
Tin	118-1	2.14	2.25	2.15	2.18	2.76	ppb
Titanium	47-1	261.36	259.00	263.76	261.38	0.91	ppb
Uranium	238-1	2.67	2.71	2.76	2.71	1.55	ppb
Vanadium	51-2	12.20	13.18	12.70	12.69	3.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	27.84	28.20	28.05	28.03	0.65	ppb
Zirconium	90-1	0.65	0.76	0.90	0.77	16.36	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.62	0.90	0.71	23.47	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3029.15	3339.89	3334.78	3234.61	5.50	ppb
Antimony	121-1	0.54	0.54	0.56	0.55	2.21	ppb
Arsenic	75-2	1.10	1.36	1.20	1.22	10.69	ppb
Barium	135-1	120.58	118.15	121.68	120.14	1.50	ppb
Barium	137-1	120.66	116.87	120.20	119.24	1.73	ppb
Beryllium	9-1	0.18	0.12	0.20	0.17	24.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.07	18.12	18.01	18.07	0.30	ppb
Boron	11-1	16.69	17.11	16.47	16.75	1.94	ppb
Cadmium	111-1	0.07	0.03	0.04	0.05	41.46	ppb
Cadmium	106-1	-1.41	-1.23	-1.00	-1.21		ppb
Cadmium	108-1	-0.02	0.23	0.24	0.15	96.92	ppb
Calcium	43-1	59025.07	58885.59	59022.94	58977.87	0.14	ppb
Calcium	44-1	59240.66	58912.82	58906.22	59019.90	0.32	ppb
Chromium	52-2	15.35	14.38	15.20	14.98	3.48	ppb
Cobalt	59-2	5.93	5.98	5.95	5.95	0.39	ppb
Copper	63-2	15.46	15.10	15.78	15.45	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7684.00	7597.04	7914.48	7731.84	2.12	ppb
Iron	57-2	7398.75	7374.55	7517.40	7430.23	1.03	ppb
Lead	206-1	12.05	12.02	11.99	12.02	0.27	ppb
Lead	207-1	11.13	10.75	10.97	10.95	1.76	ppb
Lead	208-1	11.40	11.41	11.44	11.42	0.20	ppb
Lithium	6-1						%
Magnesium	24-2	14528.85	14532.78	14980.48	14680.70	1.77	ppb
Manganese	55-2	339.91	343.30	351.44	344.88	1.72	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.38	2.45	2.45	2.42	1.72	ppb
Molybdenum	95-1	6.35	6.38	6.09	6.27	2.51	ppb
Molybdenum	96-1	5.36	5.29	5.24	5.30	1.18	ppb
Molybdenum	97-1	6.52	6.18	6.26	6.32	2.83	ppb
Molybdenum	98-1	6.27	6.21	6.18	6.22	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.41	11.85	11.86	11.71	2.17	ppb
Phosphorus	31-2	162.02	229.17	271.75	220.98	25.03	ppb
Potassium	39-2	5453.27	5341.93	5334.37	5376.52	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	32.20	31.10	14.41	25.90	38.48	ppb
Selenium	78-2	2.35	4.85	7.37	4.86	51.75	ppb
Selenium	82-1	1.99	2.07	2.14	2.06	3.50	ppb
Silicon	28-1	9155.16	9195.44	9162.10	9170.90	0.23	ppb
Silver	109-1	0.22	0.21	0.22	0.22	4.23	ppb
Silver	107-1	0.25	0.22	0.19	0.22	12.66	ppb
Sodium	23-2	12019.44	12092.87	12379.16	12163.82	1.56	ppb
Strontium	86-1	198.52	195.69	196.32	196.85	0.76	ppb
Strontium	88-1	205.64	204.34	205.23	205.07	0.32	ppb
Sulfur	34-1	3112.34	3132.50	3064.83	3103.22	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.10	0.07	0.08	17.93	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	11.53	ppb
Tin	118-1	1.95	1.93	2.13	2.00	5.33	ppb
Titanium	47-1	266.97	261.58	265.18	264.58	1.04	ppb
Uranium	238-1	2.75	2.81	2.80	2.79	1.24	ppb
Vanadium	51-2	12.82	12.65	12.88	12.79	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	26.86	27.23	28.98	27.69	4.10	ppb
Zirconium	90-1	0.58	0.59	0.65	0.61	6.85	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.67	0.55	0.61	9.75	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	713.93	728.00	688.89	710.27	2.79	ppb
Antimony	121-1	0.13	0.11	0.13	0.13	11.14	ppb
Arsenic	75-2	0.62	0.27	0.42	0.44	40.39	ppb
Barium	135-1	24.13	24.26	24.08	24.16	0.38	ppb
Barium	137-1	23.98	24.20	23.43	23.87	1.66	ppb
Beryllium	9-1	0.08	0.08	0.13	0.10	32.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.67	5.68	7.00	6.45	10.68	ppb
Boron	11-1	6.70	7.47	6.80	6.99	5.98	ppb
Cadmium	111-1	-0.03	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-0.56	-0.75	-0.59	-0.63		ppb
Cadmium	108-1	-0.02	0.02	0.05	0.02	210.73	ppb
Calcium	43-1	11962.92	11710.43	11475.69	11716.35	2.08	ppb
Calcium	44-1	12172.22	12046.37	12154.42	12124.34	0.56	ppb
Chromium	52-2	3.18	3.19	2.87	3.08	5.88	ppb
Cobalt	59-2	1.23	1.40	1.05	1.23	13.97	ppb
Copper	63-2	3.51	3.32	2.85	3.22	10.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1623.11	1582.81	1442.72	1549.55	6.11	ppb
Iron	57-2	1609.18	1536.66	1434.13	1526.66	5.76	ppb
Lead	206-1	2.52	2.46	2.48	2.49	1.33	ppb
Lead	207-1	2.27	2.13	2.19	2.20	3.19	ppb
Lead	208-1	2.35	2.30	2.30	2.32	1.21	ppb
Lithium	6-1						%
Magnesium	24-2	3236.57	3097.53	2824.01	3052.70	6.88	ppb
Manganese	55-2	76.84	71.62	67.29	71.92	6.66	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.47	0.52	0.49	5.40	ppb
Molybdenum	95-1	1.18	1.26	1.29	1.24	4.71	ppb
Molybdenum	96-1	1.16	1.08	1.07	1.10	4.72	ppb
Molybdenum	97-1	1.34	1.30	1.21	1.28	5.15	ppb
Molybdenum	98-1	1.18	1.21	1.28	1.22	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.60	2.36	2.47	5.08	ppb
Phosphorus	31-2	-24.57	-24.57	37.78	-3.79		ppb
Potassium	39-2	1222.84	1139.78	1012.94	1125.19	9.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.91	13.23	-2.06	5.70	134.24	ppb
Selenium	78-2	3.41	0.87	2.01	2.10	60.73	ppb
Selenium	82-1	0.75	0.73	1.40	0.96	40.01	ppb
Silicon	28-1	1890.23	1826.90	1854.21	1857.11	1.71	ppb
Silver	109-1	0.09	0.09	0.10	0.09	3.61	ppb
Silver	107-1	0.09	0.08	0.09	0.08	9.66	ppb
Sodium	23-2	2667.37	2564.00	2368.21	2533.19	6.00	ppb
Strontium	86-1	39.25	39.74	40.13	39.71	1.11	ppb
Strontium	88-1	40.66	40.98	41.00	40.88	0.48	ppb
Sulfur	34-1	-661.50	-835.46	-1127.89	-874.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.22	0.21	0.21	0.21	1.86	ppb
Titanium	47-1	54.97	54.15	53.53	54.22	1.34	ppb
Uranium	238-1	0.58	0.54	0.55	0.56	4.08	ppb
Vanadium	51-2	2.59	2.74	2.15	2.49	12.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.37	6.28	5.08	5.58	11.17	ppb
Zirconium	90-1	0.12	0.14	0.12	0.13	6.84	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.11	0.14	0.13	13.42	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:02:29	DataFile Name :	048SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8437.81	8317.49	8715.73	8490.34	2.41	ppb
Antimony	121-1	251.50	256.96	256.89	255.11	1.23	ppb
Arsenic	75-2	264.23	264.83	265.94	265.00	0.33	ppb
Barium	135-1	1385.61	1412.50	1394.62	1397.58	0.98	ppb
Barium	137-1	1362.45	1382.28	1384.70	1376.48	0.89	ppb
Beryllium	9-1	207.32	203.64	196.40	202.45	2.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	197.68	209.00	207.93	204.87	3.05	ppb
Boron	11-1	200.37	200.23	194.54	198.38	1.68	ppb
Cadmium	111-1	249.32	253.81	251.49	251.54	0.89	ppb
Cadmium	106-1	237.94	252.68	245.18	245.27	3.00	ppb
Cadmium	108-1	246.27	256.72	251.31	251.44	2.08	ppb
Calcium	43-1	84157.04	85413.16	85663.41	85077.87	0.95	ppb
Calcium	44-1	84729.08	86256.81	85255.98	85413.96	0.91	ppb
Chromium	52-2	301.75	300.79	308.68	303.74	1.42	ppb
Cobalt	59-2	290.87	295.07	300.19	295.38	1.58	ppb
Copper	63-2	577.51	582.93	595.42	585.29	1.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21625.98	21997.59	22495.85	22039.81	1.98	ppb
Iron	57-2	20996.77	21162.33	22032.71	21397.27	2.60	ppb
Lead	206-1	271.56	267.15	269.95	269.55	0.83	ppb
Lead	207-1	267.45	264.17	264.75	265.45	0.66	ppb
Lead	208-1	274.17	273.35	273.27	273.60	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	43490.16	43866.82	44600.06	43985.68	1.28	ppb
Manganese	55-2	861.36	862.73	891.72	871.93	1.97	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:02:29	DataFile Name :	048SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	255.19	251.50	250.70	252.46	0.95	ppb
Molybdenum	95-1	255.20	254.69	255.51	255.13	0.16	ppb
Molybdenum	96-1	252.76	250.90	250.33	251.33	0.50	ppb
Molybdenum	97-1	257.77	256.83	255.52	256.71	0.44	ppb
Molybdenum	98-1	255.52	254.76	254.04	254.77	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	305.10	311.42	309.86	308.79	1.07	ppb
Phosphorus	31-2	83.96	12.22	201.55	99.24	96.32	ppb
Potassium	39-2	17800.92	17842.43	18526.69	18056.68	2.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	350.26	274.17	262.94	295.79	16.06	ppb
Selenium	78-2	240.97	247.50	275.81	254.76	7.27	ppb
Selenium	82-1	262.05	263.18	260.16	261.80	0.58	ppb
Silicon	28-1	9846.57	9883.83	9879.44	9869.95	0.21	ppb
Silver	109-1	267.83	275.50	273.29	272.21	1.45	ppb
Silver	107-1	267.28	271.24	271.48	270.00	0.87	ppb
Sodium	23-2	40777.44	40883.80	42210.16	41290.47	1.93	ppb
Strontium	86-1	450.61	449.01	445.81	448.48	0.54	ppb
Strontium	88-1	456.26	455.40	456.83	456.16	0.16	ppb
Sulfur	34-1	3270.11	3343.93	3341.54	3318.52	1.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	272.35	268.15	272.46	270.99	0.91	ppb
Thallium	205-1	269.17	268.78	270.01	269.32	0.23	ppb
Tin	118-1	236.46	242.47	242.08	240.34	1.40	ppb
Titanium	47-1	513.59	515.85	519.50	516.31	0.58	ppb
Uranium	238-1	259.20	262.41	264.73	262.11	1.06	ppb
Vanadium	51-2	284.96	286.19	293.33	288.16	1.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	578.85	573.39	578.95	577.07	0.55	ppb
Zirconium	90-1	245.16	245.24	245.28	245.23	0.03	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:02:29	DataFile Name :	048SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	237.73	236.99	237.78	237.50	0.19	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8235.30	8524.90	8596.98	8452.40	2.26	ppb
Antimony	121-1	255.72	256.17	256.98	256.29	0.25	ppb
Arsenic	75-2	267.29	264.13	262.41	264.61	0.93	ppb
Barium	135-1	1412.86	1390.20	1428.86	1410.64	1.38	ppb
Barium	137-1	1383.23	1385.32	1405.20	1391.25	0.87	ppb
Beryllium	9-1	202.79	198.68	201.30	200.92	1.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	203.15	198.30	208.93	203.46	2.62	ppb
Boron	11-1	201.28	201.10	202.25	201.55	0.31	ppb
Cadmium	111-1	253.18	253.14	255.97	254.09	0.64	ppb
Cadmium	106-1	246.85	246.16	251.43	248.15	1.15	ppb
Cadmium	108-1	254.75	248.37	256.30	253.14	1.66	ppb
Calcium	43-1	83323.04	84162.93	83792.98	83759.65	0.50	ppb
Calcium	44-1	83369.16	83965.63	84490.39	83941.72	0.67	ppb
Chromium	52-2	298.74	308.06	301.36	302.72	1.59	ppb
Cobalt	59-2	290.90	298.18	292.74	293.94	1.29	ppb
Copper	63-2	569.74	591.81	575.84	579.13	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21225.88	22169.06	21774.45	21723.13	2.18	ppb
Iron	57-2	20771.40	21613.63	20954.98	21113.34	2.10	ppb
Lead	206-1	274.57	270.39	274.33	273.10	0.86	ppb
Lead	207-1	268.53	265.95	269.18	267.89	0.64	ppb
Lead	208-1	275.85	274.02	277.49	275.79	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	42080.77	43860.67	42528.17	42823.20	2.16	ppb
Manganese	55-2	840.62	857.88	847.83	848.78	1.02	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	260.98	250.45	251.48	254.30	2.28	ppb
Molybdenum	95-1	254.00	251.11	251.74	252.28	0.60	ppb
Molybdenum	96-1	250.53	248.07	248.69	249.10	0.51	ppb
Molybdenum	97-1	253.93	253.85	254.52	254.10	0.14	ppb
Molybdenum	98-1	252.69	251.91	253.99	252.86	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	302.40	313.55	311.45	309.13	1.92	ppb
Phosphorus	31-2	83.05	125.74	85.94	98.24	24.28	ppb
Potassium	39-2	17273.12	17906.57	17452.46	17544.05	1.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	179.49	306.43	205.39	230.44	29.11	ppb
Selenium	78-2	245.26	256.91	276.36	259.51	6.05	ppb
Selenium	82-1	258.43	259.15	258.80	258.79	0.14	ppb
Silicon	28-1	9832.82	9984.39	9839.89	9885.70	0.87	ppb
Silver	109-1	279.80	276.00	277.39	277.73	0.69	ppb
Silver	107-1	272.22	275.38	275.06	274.22	0.63	ppb
Sodium	23-2	39772.09	40966.58	39890.67	40209.78	1.64	ppb
Strontium	86-1	443.93	444.85	446.83	445.20	0.33	ppb
Strontium	88-1	449.32	454.82	456.57	453.57	0.83	ppb
Sulfur	34-1	2714.79	2856.36	2881.46	2817.54	3.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	273.36	271.62	275.46	273.48	0.70	ppb
Thallium	205-1	271.38	270.32	272.66	271.45	0.43	ppb
Tin	118-1	241.79	241.14	243.93	242.28	0.60	ppb
Titanium	47-1	513.01	537.77	517.86	522.88	2.51	ppb
Uranium	238-1	262.19	265.19	264.71	264.03	0.61	ppb
Vanadium	51-2	282.71	294.46	286.36	287.85	2.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	550.38	575.84	569.39	565.20	2.34	ppb
Zirconium	90-1	248.35	248.63	245.80	247.59	0.63	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	238.47	237.28	238.58	238.11	0.30	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8169.01	8263.27	8634.63	8355.64	2.95	ppb
Antimony	121-1	253.85	252.52	252.52	252.96	0.30	ppb
Arsenic	75-2	261.03	268.18	268.78	266.00	1.62	ppb
Barium	135-1	1419.93	1384.83	1386.53	1397.10	1.42	ppb
Barium	137-1	1412.15	1376.05	1376.65	1388.28	1.49	ppb
Beryllium	9-1	206.87	199.63	202.68	203.06	1.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	219.93	216.52	216.27	217.57	0.94	ppb
Boron	11-1	206.95	205.37	211.61	207.98	1.56	ppb
Cadmium	111-1	251.26	251.97	248.83	250.69	0.66	ppb
Cadmium	106-1	240.02	246.04	252.30	246.12	2.49	ppb
Cadmium	108-1	249.24	247.36	244.90	247.16	0.88	ppb
Calcium	43-1	84416.28	85375.44	84151.07	84647.60	0.76	ppb
Calcium	44-1	84173.84	85674.69	84249.30	84699.28	1.00	ppb
Chromium	52-2	298.12	302.60	304.66	301.79	1.11	ppb
Cobalt	59-2	290.61	293.81	297.22	293.88	1.12	ppb
Copper	63-2	574.50	576.15	586.03	578.89	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21459.71	21722.00	21995.35	21725.69	1.23	ppb
Iron	57-2	21010.26	20866.19	21314.06	21063.51	1.09	ppb
Lead	206-1	273.12	272.63	270.64	272.13	0.48	ppb
Lead	207-1	268.73	269.65	267.59	268.66	0.38	ppb
Lead	208-1	276.09	276.17	274.44	275.57	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	42400.98	42546.02	43151.67	42699.56	0.93	ppb
Manganese	55-2	840.11	841.49	858.57	846.72	1.21	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.13	252.44	248.21	249.92	0.89	ppb
Molybdenum	95-1	252.64	254.26	253.43	253.44	0.32	ppb
Molybdenum	96-1	247.89	250.17	250.75	249.60	0.61	ppb
Molybdenum	97-1	253.50	259.31	254.93	255.91	1.18	ppb
Molybdenum	98-1	251.53	254.83	251.89	252.75	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	307.12	306.45	310.29	307.95	0.67	ppb
Phosphorus	31-2	151.38	82.24	-24.57	69.69	127.21	ppb
Potassium	39-2	17429.52	17597.65	17689.90	17572.36	0.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	255.23	313.43	210.62	259.76	19.85	ppb
Selenium	78-2	271.53	253.04	239.30	254.62	6.35	ppb
Selenium	82-1	256.59	261.32	258.87	258.93	0.91	ppb
Silicon	28-1	9755.13	9986.42	10024.78	9922.11	1.47	ppb
Silver	109-1	275.54	272.06	270.95	272.85	0.88	ppb
Silver	107-1	276.72	275.50	272.81	275.01	0.73	ppb
Sodium	23-2	39892.21	39973.24	41078.23	40314.56	1.64	ppb
Strontium	86-1	443.06	445.67	440.35	443.03	0.60	ppb
Strontium	88-1	454.77	454.99	451.55	453.77	0.42	ppb
Sulfur	34-1	2556.57	2580.54	2300.91	2479.34	6.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	273.49	274.83	272.48	273.60	0.43	ppb
Thallium	205-1	274.99	270.98	273.50	273.16	0.74	ppb
Tin	118-1	243.36	238.97	238.70	240.34	1.09	ppb
Titanium	47-1	518.51	519.05	514.37	517.31	0.50	ppb
Uranium	238-1	264.35	266.53	263.55	264.81	0.58	ppb
Vanadium	51-2	282.06	282.17	285.92	283.38	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	565.78	566.19	581.05	571.01	1.52	ppb
Zirconium	90-1	245.66	244.52	248.59	246.26	0.85	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	238.66	238.27	237.00	237.97	0.36	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	460.07	444.28	416.49	440.28	5.01	ppb
Antimony	121-1	0.42	0.42	0.43	0.43	1.44	ppb
Arsenic	75-2	17.61	18.06	17.98	17.88	1.36	ppb
Barium	135-1	337.25	329.75	334.54	333.85	1.14	ppb
Barium	137-1	335.22	329.38	331.84	332.14	0.88	ppb
Beryllium	9-1	0.12	0.07	0.17	0.12	40.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.55	28.15	29.12	29.94	7.73	ppb
Boron	11-1	31.52	26.44	29.35	29.10	8.76	ppb
Cadmium	111-1	-0.01	-0.05	0.05	0.00		ppb
Cadmium	106-1	-1.90	-1.65	-0.54	-1.36		ppb
Cadmium	108-1	0.09	0.05	0.05	0.06	33.57	ppb
Calcium	43-1	92375.35	93735.50	93889.27	93333.37	0.89	ppb
Calcium	44-1	91723.98	92564.19	92919.73	92402.63	0.66	ppb
Chromium	52-2	2.73	2.84	2.73	2.77	2.31	ppb
Cobalt	59-2	1.45	1.33	1.57	1.45	8.52	ppb
Copper	63-2	2.91	2.99	2.92	2.94	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8851.92	8849.81	8916.67	8872.80	0.43	ppb
Iron	57-2	8460.36	8436.74	8521.13	8472.74	0.51	ppb
Lead	206-1	0.74	0.72	0.69	0.72	3.92	ppb
Lead	207-1	0.67	0.66	0.64	0.66	2.45	ppb
Lead	208-1	0.70	0.68	0.66	0.68	2.77	ppb
Lithium	6-1						%
Magnesium	24-2	30852.14	30770.35	30680.08	30767.52	0.28	ppb
Manganese	55-2	1292.07	1291.50	1306.43	1296.67	0.65	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.98	0.90	0.96	0.95	4.45	ppb
Molybdenum	95-1	2.87	2.71	2.65	2.74	4.20	ppb
Molybdenum	96-1	2.30	2.37	2.30	2.32	1.85	ppb
Molybdenum	97-1	2.86	2.62	2.85	2.78	4.78	ppb
Molybdenum	98-1	2.79	2.74	2.78	2.77	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.98	4.14	3.62	3.91	6.82	ppb
Phosphorus	31-2	153.64	47.30	11.69	70.88	104.19	ppb
Potassium	39-2	6248.62	6179.30	6211.99	6213.30	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.98	-2.06	-2.06	0.62	743.48	ppb
Selenium	78-2	-0.32	-0.32	2.22	0.53	278.75	ppb
Selenium	82-1	1.32	1.09	0.94	1.11	17.25	ppb
Silicon	28-1	6949.04	7058.82	7040.79	7016.22	0.84	ppb
Silver	109-1	0.11	0.11	0.10	0.11	4.20	ppb
Silver	107-1	0.08	0.12	0.09	0.10	25.36	ppb
Sodium	23-2	59606.64	59159.31	60248.33	59671.43	0.92	ppb
Strontium	86-1	245.30	241.34	243.11	243.25	0.82	ppb
Strontium	88-1	253.03	251.94	247.54	250.84	1.16	ppb
Sulfur	34-1	-257.82	174.68	16.25	-22.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.09	0.08	0.08	9.64	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	18.88	ppb
Tin	118-1	2.01	1.99	1.92	1.97	2.48	ppb
Titanium	47-1	41.30	43.23	40.16	41.56	3.74	ppb
Uranium	238-1	0.62	0.62	0.63	0.62	0.63	ppb
Vanadium	51-2	2.01	1.85	1.98	1.95	4.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.29	5.35	5.21	4.95	11.68	ppb
Zirconium	90-1	0.19	0.18	0.19	0.18	4.48	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.19	0.19	0.21	19.92	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48607.97	47812.88	47818.27	48079.71	0.95	ppb
Antimony	121-1	494.26	491.81	492.35	492.81	0.26	ppb
Arsenic	75-2	478.96	479.25	484.16	480.79	0.61	ppb
Barium	135-1	2491.45	2453.85	2472.00	2472.43	0.76	ppb
Barium	137-1	2417.99	2434.89	2439.91	2430.93	0.47	ppb
Beryllium	9-1	541.58	533.99	530.67	535.41	1.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	530.10	535.49	533.84	533.14	0.52	ppb
Boron	11-1	520.96	535.75	532.73	529.82	1.47	ppb
Cadmium	111-1	472.13	469.57	472.87	471.52	0.37	ppb
Cadmium	106-1	477.86	476.97	480.96	478.60	0.44	ppb
Cadmium	108-1	480.64	475.92	484.23	480.26	0.87	ppb
Calcium	43-1	245290.10	239762.04	237261.98	240771.37	1.71	ppb
Calcium	44-1	242436.86	236945.05	235647.34	238343.08	1.51	ppb
Chromium	52-2	481.96	479.91	483.03	481.64	0.33	ppb
Cobalt	59-2	465.92	460.77	466.25	464.31	0.66	ppb
Copper	63-2	932.34	930.95	937.78	933.69	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120155.59	119358.37	119777.87	119763.94	0.33	ppb
Iron	57-2	117155.24	116324.21	117014.74	116831.40	0.38	ppb
Lead	206-1	498.16	499.79	486.69	494.88	1.44	ppb
Lead	207-1	493.72	497.04	479.53	490.10	1.90	ppb
Lead	208-1	496.75	493.47	480.40	490.21	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	247497.91	243251.13	247765.03	246171.36	1.03	ppb
Manganese	55-2	949.40	952.16	952.13	951.23	0.17	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.97	492.44	489.09	492.83	0.80	ppb
Molybdenum	95-1	502.76	487.74	485.89	492.13	1.88	ppb
Molybdenum	96-1	496.81	481.52	487.24	488.52	1.58	ppb
Molybdenum	97-1	482.39	473.96	475.48	477.28	0.94	ppb
Molybdenum	98-1	492.43	483.13	482.43	486.00	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.22	462.55	466.56	463.77	0.52	ppb
Phosphorus	31-2	8984.29	9746.94	9897.76	9543.00	5.13	ppb
Potassium	39-2	121998.03	123556.30	124296.02	123283.45	0.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	664.98	410.12	565.13	546.74	23.49	ppb
Selenium	78-2	464.82	478.27	495.02	479.37	3.16	ppb
Selenium	82-1	485.39	475.51	472.80	477.90	1.39	ppb
Silicon	28-1	487.08	475.26	470.95	477.76	1.75	ppb
Silver	109-1	486.27	481.79	489.22	485.76	0.77	ppb
Silver	107-1	487.17	484.27	483.89	485.11	0.37	ppb
Sodium	23-2	245683.11	244620.94	249124.12	246476.05	0.96	ppb
Strontium	86-1	498.62	485.99	487.35	490.66	1.41	ppb
Strontium	88-1	512.13	494.58	494.90	500.54	2.01	ppb
Sulfur	34-1	9426.82	8774.93	9023.35	9075.04	3.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.13	489.82	491.62	495.19	1.57	ppb
Thallium	205-1	490.26	487.27	477.40	484.98	1.39	ppb
Tin	118-1	497.34	491.68	502.76	497.26	1.12	ppb
Titanium	47-1	490.34	473.26	480.01	481.21	1.79	ppb
Uranium	238-1	495.65	490.04	483.40	489.70	1.25	ppb
Vanadium	51-2	478.61	483.37	485.51	482.50	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.70	972.48	984.79	974.32	0.99	ppb
Zirconium	90-1	497.47	482.15	487.35	488.99	1.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.32	476.53	476.21	479.69	1.20	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:09:13	DataFile Name :	057CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.62	8.22	4.42	5.09	56.27	ppb
Antimony	121-1	0.30	0.29	0.31	0.30	3.05	ppb
Arsenic	75-2	-0.01	0.00	0.04	0.01	254.35	ppb
Barium	135-1	0.01	0.00	0.01	0.00	62.92	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.21	0.19	0.18	0.19	7.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.27	17.86	13.27	16.47	16.86	ppb
Boron	11-1	17.47	15.35	14.53	15.78	9.59	ppb
Cadmium	111-1	0.01	-0.05	0.03	0.00		ppb
Cadmium	106-1	-0.30	-1.13	-0.06	-0.50		ppb
Cadmium	108-1	0.13	-0.01	-0.01	0.03	248.86	ppb
Calcium	43-1	-21.66	-25.50	-28.44	-25.20		ppb
Calcium	44-1	2.75	-3.73	-1.29	-0.75		ppb
Chromium	52-2	0.14	0.07	-0.03	0.06	143.86	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.05	0.09	0.07	26.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.26	2.30	1.81	2.12	12.95	ppb
Iron	57-2	1.23	-1.38	3.28	1.04	223.95	ppb
Lead	206-1	0.09	0.07	0.08	0.08	15.00	ppb
Lead	207-1	0.05	0.09	0.08	0.07	32.66	ppb
Lead	208-1	0.07	0.08	0.08	0.07	6.19	ppb
Lithium	6-1						%
Magnesium	24-2	3.01	3.05	0.19	2.09	78.60	ppb
Manganese	55-2	-0.01	0.07	0.05	0.04	105.41	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:09:13	DataFile Name :	057CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	4.27	ppb
Molybdenum	95-1	0.05	0.06	0.08	0.06	25.35	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	12.02	ppb
Molybdenum	97-1	0.07	0.05	0.05	0.06	14.40	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	13.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.04	0.05	0.03	224.53	ppb
Phosphorus	31-2	-24.57	-24.57	2.33	-15.60		ppb
Potassium	39-2	5.36	9.31	0.36	5.01	89.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	11.58	-2.06	2.49	316.29	ppb
Selenium	78-2	1.75	-0.32	1.80	1.08	112.36	ppb
Selenium	82-1	0.79	0.82	0.12	0.58	68.20	ppb
Silicon	28-1	-26.05	-30.66	-27.55	-28.09		ppb
Silver	109-1	0.03	0.03	0.04	0.03	25.62	ppb
Silver	107-1	0.03	0.02	0.02	0.02	24.53	ppb
Sodium	23-2	78.84	65.95	57.10	67.30	16.25	ppb
Strontium	86-1	0.06	0.04	0.01	0.04	65.85	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	74.15	ppb
Sulfur	34-1	-791.18	-1140.87	-950.23	-960.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.13	0.10	0.12	12.65	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	6.21	ppb
Tin	118-1	0.08	0.11	0.08	0.09	15.48	ppb
Titanium	47-1	-0.04	-0.02	0.05	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.22	-0.44	-0.32	-0.33		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	6.76	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:09:13	DataFile Name :	057CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	28.36	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47324.74	48250.10	53382.45	49652.43	6.57	ppb
Antimony	121-1	493.65	496.04	486.17	491.95	1.05	ppb
Arsenic	75-2	481.38	482.04	529.37	497.60	5.53	ppb
Barium	135-1	2466.10	2519.71	2429.76	2471.86	1.83	ppb
Barium	137-1	2417.98	2442.98	2410.20	2423.72	0.71	ppb
Beryllium	9-1	521.12	526.84	523.02	523.66	0.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	501.05	508.87	525.49	511.80	2.44	ppb
Boron	11-1	508.65	524.16	531.27	521.36	2.22	ppb
Cadmium	111-1	470.00	475.69	465.03	470.24	1.13	ppb
Cadmium	106-1	473.67	491.31	471.00	478.66	2.31	ppb
Cadmium	108-1	477.64	485.81	468.17	477.21	1.85	ppb
Calcium	43-1	235783.96	238086.04	244527.98	239465.99	1.89	ppb
Calcium	44-1	234399.28	235541.67	240528.19	236823.04	1.38	ppb
Chromium	52-2	462.89	475.53	526.13	488.18	6.85	ppb
Cobalt	59-2	450.40	458.25	503.43	470.69	6.08	ppb
Copper	63-2	898.72	918.37	1014.68	943.92	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	115782.62	118284.79	129472.62	121180.01	6.02	ppb
Iron	57-2	112615.79	115904.55	127246.24	118588.86	6.47	ppb
Lead	206-1	491.64	493.22	490.73	491.87	0.26	ppb
Lead	207-1	481.47	492.82	483.64	485.98	1.24	ppb
Lead	208-1	485.45	491.07	488.72	488.41	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	236732.94	243106.99	265079.78	248306.57	5.99	ppb
Manganese	55-2	919.62	941.56	1034.63	965.27	6.33	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	489.80	489.11	487.98	488.96	0.19	ppb
Molybdenum	95-1	485.30	486.89	480.90	484.36	0.64	ppb
Molybdenum	96-1	489.76	485.19	482.14	485.70	0.79	ppb
Molybdenum	97-1	468.43	468.51	468.03	468.32	0.05	ppb
Molybdenum	98-1	480.87	481.45	477.57	479.96	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	445.32	452.05	500.72	466.03	6.49	ppb
Phosphorus	31-2	10022.78	10148.93	11747.30	10639.67	9.04	ppb
Potassium	39-2	120630.17	122700.10	134310.79	125880.35	5.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	563.78	454.02	539.18	518.99	11.10	ppb
Selenium	78-2	502.45	500.28	514.94	505.89	1.56	ppb
Selenium	82-1	477.46	476.58	468.29	474.11	1.07	ppb
Silicon	28-1	488.29	486.76	495.52	490.19	0.95	ppb
Silver	109-1	490.79	495.65	483.66	490.03	1.23	ppb
Silver	107-1	483.44	496.57	478.30	486.10	1.94	ppb
Sodium	23-2	236258.41	239730.76	264009.03	246666.07	6.13	ppb
Strontium	86-1	484.59	488.38	485.93	486.30	0.40	ppb
Strontium	88-1	497.26	496.33	491.57	495.05	0.62	ppb
Sulfur	34-1	9459.60	9732.82	9910.12	9700.85	2.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	493.68	493.14	498.81	495.21	0.63	ppb
Thallium	205-1	484.29	485.42	485.68	485.13	0.15	ppb
Tin	118-1	497.07	495.23	490.19	494.16	0.72	ppb
Titanium	47-1	475.40	480.04	482.48	479.31	0.75	ppb
Uranium	238-1	485.23	483.35	491.40	486.66	0.87	ppb
Vanadium	51-2	466.71	478.14	525.70	490.19	6.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	943.40	982.68	1063.59	996.56	6.15	ppb
Zirconium	90-1	488.15	484.46	481.46	484.69	0.69	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	475.14	476.44	472.02	474.53	0.48	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.63	0.78	0.77	2.06	108.02	ppb
Antimony	121-1	0.22	0.24	0.28	0.25	11.09	ppb
Arsenic	75-2	0.02	0.07	0.02	0.04	78.99	ppb
Barium	135-1	0.02	0.00	0.03	0.02	90.08	ppb
Barium	137-1	0.00	0.01	0.01	0.01	74.50	ppb
Beryllium	9-1	0.14	0.12	0.13	0.13	8.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.23	10.15	9.01	10.13	10.96	ppb
Boron	11-1	11.53	10.25	9.88	10.55	8.20	ppb
Cadmium	111-1	-0.01	0.06	-0.06	0.00		ppb
Cadmium	106-1	-0.43	0.31	-1.38	-0.50		ppb
Cadmium	108-1	-0.09	-0.05	-0.09	-0.08		ppb
Calcium	43-1	-8.11	-16.31	-23.39	-15.93		ppb
Calcium	44-1	-2.66	-2.22	-6.36	-3.75		ppb
Chromium	52-2	0.01	0.01	-0.21	-0.07		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	1595.10	ppb
Copper	63-2	0.09	0.07	0.07	0.08	13.91	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.79	2.36	2.03	2.39	15.93	ppb
Iron	57-2	5.11	0.73	2.80	2.88	75.97	ppb
Lead	206-1	0.04	0.05	0.05	0.05	11.97	ppb
Lead	207-1	0.05	0.04	0.04	0.04	17.00	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.76	ppb
Lithium	6-1						%
Magnesium	24-2	4.44	6.27	1.82	4.18	53.57	ppb
Manganese	55-2	0.13	0.07	0.13	0.11	30.99	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	7.74	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	3.85	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	16.40	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	11.81	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	16.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	-0.05	0.01	922.74	ppb
Phosphorus	31-2	-24.57	-24.57	-24.57	-24.57		ppb
Potassium	39-2	12.58	14.61	7.48	11.56	31.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	-0.32	0.74	0.03	1900.12	ppb
Selenium	82-1	0.57	0.49	0.73	0.60	20.95	ppb
Silicon	28-1	-26.58	-21.61	-26.08	-24.76		ppb
Silver	109-1	0.02	0.03	0.02	0.02	21.42	ppb
Silver	107-1	0.03	0.02	0.02	0.03	15.72	ppb
Sodium	23-2	63.54	66.88	58.78	63.07	6.45	ppb
Strontium	86-1	0.06	0.03	-0.01	0.03	133.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	67.40	ppb
Sulfur	34-1	-1212.91	-856.47	-1255.84	-1108.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.14	0.14	0.15	8.90	ppb
Thallium	205-1	0.15	0.16	0.13	0.15	9.39	ppb
Tin	118-1	0.08	0.04	0.06	0.06	31.35	ppb
Titanium	47-1	-0.04	0.06	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.89	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	111.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.37	-0.16	-0.32	-0.28		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	18.20	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.04	0.02	91.30	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.29	2.41	0.65	2.45	74.24	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	6.53	ppb
Arsenic	75-2	0.02	-0.03	-0.03	-0.01		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	211.52	ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	71.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.24	0.40	1.22	0.62	85.04	ppb
Boron	11-1	0.08	0.39	0.62	0.37	73.93	ppb
Cadmium	111-1	-0.11	-0.05	-0.05	-0.07		ppb
Cadmium	106-1	-1.62	-0.66	-0.61	-0.96		ppb
Cadmium	108-1	-0.09	0.03	-0.01	-0.02		ppb
Calcium	43-1	-7.22	-17.35	-13.10	-12.56		ppb
Calcium	44-1	-7.16	-8.85	-8.29	-8.10		ppb
Chromium	52-2	-0.01	-0.18	-0.05	-0.08		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.03	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.63	0.89	0.58	0.70	24.01	ppb
Iron	57-2	1.62	0.53	5.42	2.53	101.58	ppb
Lead	206-1	0.02	0.02	0.02	0.02	15.33	ppb
Lead	207-1	0.02	0.03	0.01	0.02	39.85	ppb
Lead	208-1	0.02	0.01	0.02	0.02	37.90	ppb
Lithium	6-1						%
Magnesium	24-2	1.25	-0.39	0.33	0.40	205.96	ppb
Manganese	55-2	0.05	0.02	0.02	0.03	38.95	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	368.89	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.02	0.00	0.00	0.00	255.77	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.02	-0.01		ppb
Phosphorus	31-2	-24.57	1.06	-24.57	-16.03		ppb
Potassium	39-2	-10.30	-14.30	-6.14	-10.25		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	2.76	0.70	2.71	2.06	57.06	ppb
Selenium	82-1	-0.55	-0.13	0.29	-0.13		ppb
Silicon	28-1	-18.18	-19.85	-19.66	-19.23		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.64	ppb
Silver	107-1	0.01	0.01	0.00	0.00	99.23	ppb
Sodium	23-2	25.05	23.32	14.82	21.06	26.00	ppb
Strontium	86-1	0.06	-0.06	0.02	0.01	1226.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-663.38	-811.45	-792.83	-755.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	28.11	ppb
Tin	118-1	0.01	0.00	0.70	0.24	168.26	ppb
Titanium	47-1	0.03	0.05	0.01	0.03	72.23	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.27	-0.40	-0.46	-0.38		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	35.87	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.03	0.02	48.78	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BS	Instrumnet Name :	P8
Client Sample ID :	PB103870BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:34:51	DataFile Name :	061LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9972.91	9866.54	9770.16	9869.87	1.03	ppb
Antimony	121-1	511.73	510.34	511.98	511.35	0.17	ppb
Arsenic	75-2	499.75	504.94	504.66	503.12	0.58	ppb
Barium	135-1	2538.19	2557.97	2535.19	2543.78	0.49	ppb
Barium	137-1	2522.18	2524.37	2503.01	2516.52	0.47	ppb
Beryllium	9-1	534.63	532.07	534.49	533.73	0.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	519.36	518.54	534.97	524.29	1.77	ppb
Boron	11-1	501.71	516.45	521.61	513.25	2.01	ppb
Cadmium	111-1	508.74	507.67	507.02	507.81	0.17	ppb
Cadmium	106-1	514.27	516.43	510.39	513.70	0.60	ppb
Cadmium	108-1	505.26	509.66	510.91	508.61	0.58	ppb
Calcium	43-1	49801.66	49244.52	49184.98	49410.39	0.69	ppb
Calcium	44-1	50176.88	49321.72	48965.52	49488.04	1.26	ppb
Chromium	52-2	490.43	491.83	485.36	489.20	0.70	ppb
Cobalt	59-2	483.67	489.10	486.95	486.57	0.56	ppb
Copper	63-2	945.91	953.21	949.77	949.63	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25333.87	25768.80	25322.28	25474.99	1.00	ppb
Iron	57-2	24877.75	25112.16	24916.98	24968.96	0.50	ppb
Lead	206-1	499.02	492.88	489.77	493.89	0.95	ppb
Lead	207-1	493.80	499.32	495.13	496.09	0.58	ppb
Lead	208-1	495.55	494.06	491.83	493.82	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	50136.59	50592.13	50289.04	50339.25	0.46	ppb
Manganese	55-2	974.28	983.07	977.79	978.38	0.45	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BS	Instrumnet Name :	P8
Client Sample ID :	PB103870BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:34:51	DataFile Name :	061LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.67	501.76	506.93	503.12	0.67	ppb
Molybdenum	95-1	490.48	502.12	492.81	495.14	1.24	ppb
Molybdenum	96-1	493.48	499.66	499.57	497.57	0.71	ppb
Molybdenum	97-1	484.60	485.90	483.42	484.64	0.26	ppb
Molybdenum	98-1	495.84	498.99	499.25	498.03	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.97	484.90	485.41	483.76	0.50	ppb
Phosphorus	31-2	9920.44	10368.78	9986.89	10092.04	2.40	ppb
Potassium	39-2	25256.35	25477.15	25263.55	25332.35	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	626.40	564.81	474.05	555.09	13.81	ppb
Selenium	78-2	511.52	525.59	545.78	527.63	3.26	ppb
Selenium	82-1	493.26	502.05	500.16	498.49	0.93	ppb
Silicon	28-1	504.93	508.07	494.44	502.48	1.42	ppb
Silver	109-1	517.15	520.41	524.44	520.67	0.70	ppb
Silver	107-1	520.96	527.52	516.72	521.73	1.04	ppb
Sodium	23-2	51076.46	51872.99	51109.82	51353.09	0.88	ppb
Strontium	86-1	489.35	494.52	492.60	492.16	0.53	ppb
Strontium	88-1	499.09	498.22	500.32	499.21	0.21	ppb
Sulfur	34-1	9506.35	9112.88	8632.36	9083.86	4.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.97	499.47	493.07	496.84	0.67	ppb
Thallium	205-1	488.27	492.10	485.59	488.65	0.67	ppb
Tin	118-1	512.24	509.81	514.99	512.35	0.51	ppb
Titanium	47-1	502.87	493.03	490.55	495.48	1.31	ppb
Uranium	238-1	484.94	476.68	482.29	481.31	0.88	ppb
Vanadium	51-2	494.70	498.31	496.15	496.39	0.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	962.68	978.10	972.84	971.21	0.81	ppb
Zirconium	90-1	494.39	492.24	496.05	494.23	0.39	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BS	Instrumnet Name :	P8
Client Sample ID :	PB103870BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:34:51	DataFile Name :	061LCS6_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.66	491.76	489.07	489.83	0.34	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01	Instrumnet Name :	P8
Client Sample ID :	NWP04E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:37:56	DataFile Name :	062SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.07	9.16	5.70	9.64	43.60	ppb
Antimony	121-1	0.36	0.35	0.39	0.37	6.03	ppb
Arsenic	75-2	0.32	0.32	0.26	0.30	11.49	ppb
Barium	135-1	31.81	31.61	32.85	32.09	2.08	ppb
Barium	137-1	32.38	32.30	32.34	32.34	0.12	ppb
Beryllium	9-1	0.10	0.11	0.10	0.10	7.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.72	23.30	24.67	24.89	6.90	ppb
Boron	11-1	25.64	25.93	23.48	25.01	5.36	ppb
Cadmium	111-1	-0.03	0.02	-0.03	-0.01		ppb
Cadmium	106-1	-1.47	-0.89	-1.66	-1.34		ppb
Cadmium	108-1	0.12	-0.09	0.02	0.02	675.15	ppb
Calcium	43-1	16140.06	16081.68	15909.58	16043.77	0.75	ppb
Calcium	44-1	16249.45	16529.14	16263.14	16347.24	0.96	ppb
Chromium	52-2	0.09	-0.03	0.17	0.07	137.48	ppb
Cobalt	59-2	0.00	0.03	0.01	0.01	81.41	ppb
Copper	63-2	139.08	139.87	138.46	139.14	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	594.18	596.07	595.25	595.17	0.16	ppb
Iron	57-2	545.98	582.14	574.05	567.39	3.34	ppb
Lead	206-1	9.20	9.04	9.37	9.20	1.81	ppb
Lead	207-1	8.19	8.40	8.21	8.27	1.42	ppb
Lead	208-1	8.57	8.57	8.58	8.57	0.07	ppb
Lithium	6-1						%
Magnesium	24-2	5716.30	5657.50	5568.97	5647.59	1.31	ppb
Manganese	55-2	8.10	8.72	8.51	8.44	3.72	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01	Instrumnet Name :	P8
Client Sample ID :	NWP04E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:37:56	DataFile Name :	062SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.14	0.13	0.13	10.22	ppb
Molybdenum	95-1	0.20	0.17	0.16	0.18	12.81	ppb
Molybdenum	96-1	0.15	0.14	0.20	0.16	17.42	ppb
Molybdenum	97-1	0.22	0.11	0.18	0.17	32.49	ppb
Molybdenum	98-1	0.18	0.22	0.20	0.20	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.40	0.36	0.38	5.39	ppb
Phosphorus	31-2	593.34	677.13	373.81	548.09	28.58	ppb
Potassium	39-2	1880.88	1748.61	1790.58	1806.69	3.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	0.63	0.65	-0.32	0.32	173.46	ppb
Selenium	82-1	0.43	0.13	0.52	0.36	55.58	ppb
Silicon	28-1	2378.23	2369.64	2403.18	2383.69	0.73	ppb
Silver	109-1	0.31	0.35	0.34	0.33	6.45	ppb
Silver	107-1	0.26	0.32	0.35	0.31	14.11	ppb
Sodium	23-2	52130.25	51964.75	52034.50	52043.16	0.16	ppb
Strontium	86-1	56.27	56.23	56.49	56.33	0.25	ppb
Strontium	88-1	56.43	57.38	56.81	56.87	0.84	ppb
Sulfur	34-1	-514.49	-444.58	-587.85	-515.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.40	0.39	0.29	0.36	17.12	ppb
Thallium	205-1	0.43	0.37	0.30	0.37	18.13	ppb
Tin	118-1	0.27	0.24	0.23	0.25	7.14	ppb
Titanium	47-1	0.54	0.73	0.51	0.59	19.98	ppb
Uranium	238-1	0.18	0.19	0.17	0.18	3.25	ppb
Vanadium	51-2	0.26	0.26	0.36	0.29	19.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	40.48	39.08	42.01	40.52	3.62	ppb
Zirconium	90-1	0.09	0.08	0.10	0.09	12.76	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01	Instrumnet Name :	P8
Client Sample ID :	NWP04E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:37:56	DataFile Name :	062SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.04	0.08	0.07	34.06	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.43	22.23	24.39	19.35	35.89	ppb
Antimony	121-1	0.23	0.22	0.21	0.22	4.83	ppb
Arsenic	75-2	0.27	0.25	0.35	0.29	17.81	ppb
Barium	135-1	32.54	31.67	32.23	32.15	1.38	ppb
Barium	137-1	32.27	32.07	31.71	32.02	0.89	ppb
Beryllium	9-1	0.08	0.03	0.01	0.04	91.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.38	17.18	20.76	18.77	9.72	ppb
Boron	11-1	16.25	16.03	16.56	16.28	1.66	ppb
Cadmium	111-1	0.07	-0.07	-0.09	-0.03		ppb
Cadmium	106-1	0.12	-1.54	-2.00	-1.14		ppb
Cadmium	108-1	0.09	0.02	-0.09	0.01	1576.87	ppb
Calcium	43-1	16086.38	16055.58	16206.42	16116.12	0.49	ppb
Calcium	44-1	16135.44	16414.48	16175.63	16241.85	0.93	ppb
Chromium	52-2	0.08	0.23	0.20	0.17	44.89	ppb
Cobalt	59-2	0.04	0.00	0.02	0.02	104.18	ppb
Copper	63-2	141.23	141.06	142.73	141.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	599.27	590.38	605.70	598.45	1.29	ppb
Iron	57-2	602.50	583.77	608.95	598.41	2.19	ppb
Lead	206-1	8.93	9.09	8.83	8.95	1.45	ppb
Lead	207-1	8.04	8.27	8.11	8.14	1.46	ppb
Lead	208-1	8.37	8.56	8.38	8.43	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	5605.74	5620.14	5607.29	5611.06	0.14	ppb
Manganese	55-2	9.46	8.43	8.91	8.93	5.75	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.08	0.08	8.89	ppb
Molybdenum	95-1	0.15	0.15	0.17	0.16	8.15	ppb
Molybdenum	96-1	0.12	0.14	0.13	0.13	7.90	ppb
Molybdenum	97-1	0.18	0.10	0.12	0.13	29.61	ppb
Molybdenum	98-1	0.14	0.17	0.14	0.15	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.50	0.59	0.51	13.83	ppb
Phosphorus	31-2	605.12	686.29	402.92	564.78	25.84	ppb
Potassium	39-2	1810.03	1799.83	1767.24	1792.37	1.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	2.66	1.71	0.70	1.69	57.93	ppb
Selenium	82-1	1.04	0.78	0.73	0.85	19.64	ppb
Silicon	28-1	2334.94	2349.26	2325.28	2336.50	0.52	ppb
Silver	109-1	0.27	0.28	0.27	0.27	2.81	ppb
Silver	107-1	0.26	0.24	0.31	0.27	13.08	ppb
Sodium	23-2	51306.73	51137.86	51918.42	51454.34	0.80	ppb
Strontium	86-1	55.98	55.90	56.07	55.98	0.15	ppb
Strontium	88-1	57.51	57.32	56.47	57.10	0.97	ppb
Sulfur	34-1	-241.78	-397.61	-136.44	-258.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.06	0.05	11.82	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	13.52	ppb
Tin	118-1	0.19	0.16	0.20	0.18	11.97	ppb
Titanium	47-1	0.63	0.78	0.62	0.68	13.22	ppb
Uranium	238-1	0.17	0.18	0.19	0.18	3.53	ppb
Vanadium	51-2	0.32	0.26	0.38	0.32	19.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	41.19	39.04	40.52	40.25	2.72	ppb
Zirconium	90-1	0.07	0.09	0.06	0.07	21.62	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.07	0.06	15.05	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.12	6.31	8.10	8.18	23.37	ppb
Antimony	121-1	0.09	0.10	0.13	0.10	19.95	ppb
Arsenic	75-2	0.04	0.11	0.06	0.07	49.09	ppb
Barium	135-1	6.27	6.11	6.31	6.23	1.71	ppb
Barium	137-1	6.07	6.35	6.26	6.23	2.29	ppb
Beryllium	9-1	0.06	0.06	0.03	0.05	30.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.78	5.30	5.56	5.88	13.44	ppb
Boron	11-1	6.40	6.44	6.08	6.31	3.07	ppb
Cadmium	111-1	-0.03	-0.09	0.04	-0.03		ppb
Cadmium	106-1	-0.75	-1.23	0.12	-0.62		ppb
Cadmium	108-1	0.02	0.02	0.09	0.05	88.59	ppb
Calcium	43-1	3128.12	3044.48	3060.41	3077.67	1.44	ppb
Calcium	44-1	3085.73	3110.65	3110.29	3102.22	0.46	ppb
Chromium	52-2	0.10	0.00	-0.01	0.03	212.95	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	27.60	27.43	27.17	27.40	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119.86	113.98	117.11	116.98	2.51	ppb
Iron	57-2	97.56	129.40	123.40	116.78	14.49	ppb
Lead	206-1	1.77	1.72	1.79	1.76	2.18	ppb
Lead	207-1	1.49	1.60	1.49	1.53	4.07	ppb
Lead	208-1	1.63	1.62	1.63	1.63	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	1068.57	1106.65	1090.36	1088.53	1.76	ppb
Manganese	55-2	1.63	1.78	1.79	1.73	5.13	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.01	0.02	34.59	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	20.12	ppb
Molybdenum	96-1	0.01	0.03	0.01	0.02	54.88	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.07	2.99	ppb
Molybdenum	98-1	0.03	0.04	0.01	0.03	47.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.02	0.00	0.05	138.53	ppb
Phosphorus	31-2	139.98	138.14	29.34	102.49	61.81	ppb
Potassium	39-2	368.51	334.36	286.54	329.81	12.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	4.54	0.14	2688.11	ppb
Selenium	78-2	0.71	0.70	-0.32	0.36	162.87	ppb
Selenium	82-1	0.63	1.01	0.42	0.69	43.64	ppb
Silicon	28-1	449.25	448.70	442.11	446.69	0.89	ppb
Silver	109-1	0.09	0.09	0.08	0.09	9.96	ppb
Silver	107-1	0.09	0.08	0.08	0.08	3.84	ppb
Sodium	23-2	9888.48	9783.45	9849.26	9840.40	0.54	ppb
Strontium	86-1	10.56	10.49	10.38	10.48	0.84	ppb
Strontium	88-1	10.76	10.84	10.67	10.76	0.79	ppb
Sulfur	34-1	-1422.75	-1263.56	-1656.76	-1447.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.04	0.05	0.12	0.07	62.67	ppb
Titanium	47-1	0.15	0.17	0.15	0.16	8.79	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	16.75	ppb
Vanadium	51-2	0.10	0.03	0.08	0.07	47.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.52	7.30	8.58	7.80	8.75	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	75.30	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	17.27	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1797.78	1893.63	1794.46	1828.62	3.08	ppb
Antimony	121-1	794.96	793.60	784.14	790.90	0.75	ppb
Arsenic	75-2	797.09	802.82	802.39	800.77	0.40	ppb
Barium	135-1	234.66	234.89	236.85	235.47	0.51	ppb
Barium	137-1	233.93	235.79	234.62	234.78	0.40	ppb
Beryllium	9-1	211.79	211.95	211.86	211.87	0.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	305.07	308.53	323.67	312.42	3.17	ppb
Boron	11-1	304.72	314.21	321.48	313.47	2.68	ppb
Cadmium	111-1	201.83	201.60	201.75	201.73	0.06	ppb
Cadmium	106-1	170.59	176.71	173.05	173.45	1.78	ppb
Cadmium	108-1	193.97	186.80	184.22	188.33	2.68	ppb
Calcium	43-1	16969.21	16689.36	17228.08	16962.21	1.59	ppb
Calcium	44-1	17072.41	16949.08	17140.42	17053.97	0.57	ppb
Chromium	52-2	401.49	396.52	408.10	402.04	1.45	ppb
Cobalt	59-2	203.25	200.38	206.74	203.45	1.57	ppb
Copper	63-2	442.79	439.18	449.27	443.75	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3374.06	3353.81	3388.88	3372.25	0.52	ppb
Iron	57-2	3190.58	3245.54	3234.25	3223.45	0.90	ppb
Lead	206-1	999.52	1019.20	1000.80	1006.51	1.09	ppb
Lead	207-1	983.90	989.97	977.66	983.84	0.63	ppb
Lead	208-1	987.78	1003.74	986.80	992.77	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	7546.55	7305.96	7659.27	7503.93	2.40	ppb
Manganese	55-2	208.00	204.32	207.98	206.76	1.02	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.45	121.23	122.46	122.05	0.58	ppb
Molybdenum	95-1	397.63	390.30	402.98	396.97	1.60	ppb
Molybdenum	96-1	337.46	331.41	332.82	333.90	0.95	ppb
Molybdenum	97-1	392.95	387.87	393.69	391.50	0.81	ppb
Molybdenum	98-1	400.77	396.64	400.44	399.28	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.55	505.20	521.95	511.57	1.77	ppb
Phosphorus	31-2	6381.84	5794.43	6370.86	6182.38	5.44	ppb
Potassium	39-2	11675.35	11579.97	11891.12	11715.48	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2145.11	2190.97	2062.77	2132.95	3.05	ppb
Selenium	78-2	2070.08	2038.15	2092.17	2066.80	1.31	ppb
Selenium	82-1	2050.56	2028.41	2043.54	2040.83	0.55	ppb
Silicon	28-1	3207.95	3189.18	3249.16	3215.43	0.95	ppb
Silver	109-1	75.53	75.64	75.25	75.47	0.27	ppb
Silver	107-1	75.46	76.74	75.33	75.84	1.02	ppb
Sodium	23-2	54511.25	53651.30	54675.49	54279.35	1.01	ppb
Strontium	86-1	250.77	245.98	250.16	248.97	1.05	ppb
Strontium	88-1	256.86	253.38	258.64	256.29	1.04	ppb
Sulfur	34-1	-841.34	-754.51	-985.64	-860.50		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1966.54	2023.14	1957.08	1982.25	1.80	ppb
Thallium	205-1	1980.81	2002.21	1985.83	1989.62	0.56	ppb
Tin	118-1	714.28	719.52	709.66	714.49	0.69	ppb
Titanium	47-1	195.36	196.85	200.09	197.43	1.22	ppb
Uranium	238-1	0.18	0.17	0.17	0.17	1.61	ppb
Vanadium	51-2	300.04	296.58	308.66	301.76	2.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	240.33	240.61	247.28	242.74	1.62	ppb
Zirconium	90-1	0.24	0.24	0.25	0.24	2.63	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.44	0.35	0.39	10.99	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1898.23	1766.72	1806.85	1823.93	3.70	ppb
Antimony	121-1	753.58	748.02	751.06	750.89	0.37	ppb
Arsenic	75-2	797.48	791.50	794.09	794.35	0.38	ppb
Barium	135-1	232.32	233.62	231.75	232.56	0.41	ppb
Barium	137-1	234.18	230.99	229.70	231.63	1.00	ppb
Beryllium	9-1	209.67	206.75	204.44	206.95	1.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	311.47	320.13	315.99	315.86	1.37	ppb
Boron	11-1	306.79	316.95	317.81	313.85	1.95	ppb
Cadmium	111-1	198.31	199.99	198.64	198.98	0.45	ppb
Cadmium	106-1	175.53	175.39	169.77	173.56	1.89	ppb
Cadmium	108-1	189.45	190.84	189.12	189.80	0.48	ppb
Calcium	43-1	16761.14	16653.26	17062.15	16825.52	1.26	ppb
Calcium	44-1	17114.74	16975.24	17443.26	17177.74	1.40	ppb
Chromium	52-2	395.04	399.12	395.84	396.67	0.55	ppb
Cobalt	59-2	200.86	203.96	202.44	202.42	0.76	ppb
Copper	63-2	435.52	440.07	439.09	438.23	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3291.69	3224.26	3213.61	3243.19	1.31	ppb
Iron	57-2	3087.12	3166.75	3102.52	3118.80	1.35	ppb
Lead	206-1	996.45	995.30	1007.86	999.87	0.69	ppb
Lead	207-1	965.69	992.22	983.76	980.56	1.38	ppb
Lead	208-1	982.61	996.43	997.13	992.05	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	7429.48	7385.30	7466.08	7426.95	0.54	ppb
Manganese	55-2	201.40	202.90	205.05	203.11	0.90	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	121.34	119.13	120.44	120.30	0.93	ppb
Molybdenum	95-1	398.32	381.83	392.70	390.95	2.14	ppb
Molybdenum	96-1	331.81	328.38	326.66	328.95	0.80	ppb
Molybdenum	97-1	391.03	380.43	388.82	386.76	1.45	ppb
Molybdenum	98-1	395.89	389.15	398.07	394.37	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.89	506.80	505.37	504.35	0.61	ppb
Phosphorus	31-2	6375.97	6269.76	5814.43	6153.39	4.85	ppb
Potassium	39-2	11272.16	11501.87	11616.41	11463.48	1.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2260.18	2300.67	1947.41	2169.42	8.91	ppb
Selenium	78-2	2098.93	1997.03	1955.63	2017.20	3.66	ppb
Selenium	82-1	2026.60	2000.24	2014.63	2013.82	0.66	ppb
Silicon	28-1	3162.05	3124.74	3231.25	3172.68	1.70	ppb
Silver	109-1	75.37	75.30	74.93	75.20	0.31	ppb
Silver	107-1	74.73	75.20	74.49	74.81	0.49	ppb
Sodium	23-2	52668.06	52845.57	53925.75	53146.46	1.28	ppb
Strontium	86-1	243.96	244.84	245.25	244.68	0.27	ppb
Strontium	88-1	252.06	250.86	253.50	252.14	0.52	ppb
Sulfur	34-1	-1307.85	-1532.63	-1578.28	-1472.92		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1942.36	2001.57	1962.52	1968.82	1.53	ppb
Thallium	205-1	1969.10	1991.62	1997.79	1986.17	0.76	ppb
Tin	118-1	710.80	704.71	701.33	705.61	0.68	ppb
Titanium	47-1	199.69	194.66	196.96	197.11	1.28	ppb
Uranium	238-1	0.18	0.17	0.18	0.18	1.33	ppb
Vanadium	51-2	296.00	297.28	298.07	297.12	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	242.51	238.59	238.53	239.88	0.95	ppb
Zirconium	90-1	0.16	0.19	0.17	0.17	9.81	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.25	0.30	0.29	13.66	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1790.94	1826.73	1923.34	1847.00	3.71	ppb
Antimony	121-1	758.75	765.26	766.91	763.64	0.57	ppb
Arsenic	75-2	787.06	801.09	800.26	796.14	0.99	ppb
Barium	135-1	231.34	232.96	232.41	232.24	0.35	ppb
Barium	137-1	230.57	232.83	234.41	232.60	0.83	ppb
Beryllium	9-1	207.77	203.62	205.24	205.55	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	318.31	312.86	323.52	318.23	1.67	ppb
Boron	11-1	308.79	318.08	319.82	315.56	1.88	ppb
Cadmium	111-1	198.29	197.49	199.92	198.57	0.62	ppb
Cadmium	106-1	171.13	176.18	172.66	173.32	1.49	ppb
Cadmium	108-1	183.73	186.70	191.59	187.34	2.12	ppb
Calcium	43-1	16755.05	16674.96	16763.42	16731.14	0.29	ppb
Calcium	44-1	17011.75	17119.63	16907.90	17013.09	0.62	ppb
Chromium	52-2	402.12	410.60	403.84	405.52	1.11	ppb
Cobalt	59-2	206.05	209.07	207.45	207.52	0.73	ppb
Copper	63-2	446.82	452.99	456.84	452.22	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3284.04	3374.28	3326.03	3328.12	1.36	ppb
Iron	57-2	3230.62	3327.92	3232.59	3263.71	1.70	ppb
Lead	206-1	1007.63	998.80	997.56	1001.33	0.55	ppb
Lead	207-1	976.03	979.81	978.22	978.02	0.19	ppb
Lead	208-1	995.95	992.26	989.14	992.45	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	7540.23	7666.60	7678.24	7628.36	1.00	ppb
Manganese	55-2	209.12	214.76	207.72	210.53	1.77	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	120.35	121.56	121.08	121.00	0.51	ppb
Molybdenum	95-1	392.58	391.01	389.89	391.16	0.35	ppb
Molybdenum	96-1	329.86	328.06	330.75	329.56	0.41	ppb
Molybdenum	97-1	388.39	389.64	390.86	389.63	0.32	ppb
Molybdenum	98-1	396.93	403.62	401.77	400.78	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.66	522.51	522.46	519.54	0.98	ppb
Phosphorus	31-2	6579.93	6525.23	6275.54	6460.24	2.51	ppb
Potassium	39-2	11665.90	11721.39	11668.56	11685.28	0.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2140.40	2182.43	2131.29	2151.37	1.27	ppb
Selenium	78-2	1999.85	2109.24	2024.92	2044.67	2.80	ppb
Selenium	82-1	2013.52	2030.80	2031.40	2025.24	0.50	ppb
Silicon	28-1	3170.56	3122.17	3120.32	3137.68	0.91	ppb
Silver	109-1	74.02	73.78	75.45	74.42	1.21	ppb
Silver	107-1	74.14	74.09	74.90	74.37	0.61	ppb
Sodium	23-2	53479.77	54804.40	54586.18	54290.12	1.31	ppb
Strontium	86-1	246.25	249.09	246.19	247.18	0.67	ppb
Strontium	88-1	253.46	255.49	254.85	254.60	0.41	ppb
Sulfur	34-1	-1435.13	-1586.40	-1842.74	-1621.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1989.88	1979.58	1995.66	1988.37	0.41	ppb
Thallium	205-1	2002.26	1988.33	1985.72	1992.10	0.45	ppb
Tin	118-1	702.28	701.38	710.30	704.65	0.70	ppb
Titanium	47-1	198.07	194.30	198.09	196.82	1.11	ppb
Uranium	238-1	0.18	0.19	0.17	0.18	3.29	ppb
Vanadium	51-2	299.99	304.64	303.16	302.60	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	243.39	245.26	244.90	244.52	0.41	ppb
Zirconium	90-1	0.16	0.13	0.13	0.14	13.72	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.28	0.27	0.29	10.40	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.50	56.19	39.28	48.66	17.69	ppb
Antimony	121-1	1.66	1.49	1.45	1.53	7.03	ppb
Arsenic	75-2	0.65	0.46	0.73	0.61	22.11	ppb
Barium	135-1	26.05	23.68	23.76	24.50	5.48	ppb
Barium	137-1	25.39	22.34	23.88	23.87	6.39	ppb
Beryllium	9-1	0.10	0.10	0.12	0.11	9.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.32	34.46	37.12	36.30	4.40	ppb
Boron	11-1	37.54	34.21	35.25	35.67	4.77	ppb
Cadmium	111-1	-0.07	-0.15	0.01	-0.07		ppb
Cadmium	106-1	-1.87	-2.73	-0.50	-1.70		ppb
Cadmium	108-1	0.06	0.08	0.05	0.06	25.73	ppb
Calcium	43-1	11447.50	10724.35	10548.73	10906.86	4.37	ppb
Calcium	44-1	11774.73	10828.96	10875.88	11159.86	4.78	ppb
Chromium	52-2	4.34	5.03	4.58	4.65	7.57	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	6.67	ppb
Copper	63-2	48.12	46.58	47.55	47.42	1.64	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5502.34	5495.60	5479.86	5492.60	0.21	ppb
Iron	57-2	5227.27	5255.93	5273.68	5252.29	0.45	ppb
Lead	206-1	0.36	0.36	0.36	0.36	1.35	ppb
Lead	207-1	0.41	0.33	0.35	0.36	11.76	ppb
Lead	208-1	0.38	0.34	0.34	0.35	6.38	ppb
Lithium	6-1						%
Magnesium	24-2	3431.46	3315.24	3419.61	3388.77	1.89	ppb
Manganese	55-2	25.31	26.65	25.97	25.98	2.59	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.66	0.60	0.57	0.61	6.94	ppb
Molybdenum	95-1	0.85	0.94	0.88	0.89	5.01	ppb
Molybdenum	96-1	0.87	0.86	0.78	0.84	5.48	ppb
Molybdenum	97-1	1.01	0.89	0.87	0.93	8.10	ppb
Molybdenum	98-1	0.88	0.92	0.83	0.87	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.10	2.00	2.07	3.22	ppb
Phosphorus	31-2	873.22	676.29	935.02	828.18	16.31	ppb
Potassium	39-2	853.97	827.78	831.53	837.76	1.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.51	-2.06	4.58	2.34	162.54	ppb
Selenium	78-2	2.76	1.73	0.71	1.73	58.94	ppb
Selenium	82-1	1.69	0.61	0.99	1.10	49.68	ppb
Silicon	28-1	2347.71	2152.74	2169.87	2223.44	4.86	ppb
Silver	109-1	0.15	0.15	0.14	0.15	5.12	ppb
Silver	107-1	0.15	0.13	0.14	0.14	9.62	ppb
Sodium	23-2	28856.56	28634.87	28446.74	28646.06	0.72	ppb
Strontium	86-1	39.82	35.44	36.25	37.17	6.27	ppb
Strontium	88-1	40.21	36.58	36.50	37.76	5.61	ppb
Sulfur	34-1	-792.25	-1986.88	-1950.00	-1576.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.18	0.25	0.23	19.45	ppb
Thallium	205-1	0.26	0.23	0.20	0.23	12.83	ppb
Tin	118-1	0.65	0.57	0.52	0.58	11.24	ppb
Titanium	47-1	3.21	3.17	3.40	3.26	3.78	ppb
Uranium	238-1	0.10	0.10	0.09	0.09	4.64	ppb
Vanadium	51-2	2.11	1.95	2.17	2.07	5.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	43.51	41.65	41.71	42.29	2.50	ppb
Zirconium	90-1	0.50	0.41	0.42	0.44	11.38	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.39	0.40	0.43	14.18	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.29	25.15	22.96	26.80	18.20	ppb
Antimony	121-1	0.54	0.58	0.59	0.57	4.61	ppb
Arsenic	75-2	0.41	0.12	0.41	0.31	53.91	ppb
Barium	135-1	22.65	22.52	22.76	22.64	0.53	ppb
Barium	137-1	22.39	22.22	22.68	22.43	1.03	ppb
Beryllium	9-1	0.06	0.13	0.09	0.09	38.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.46	20.17	18.68	19.43	3.84	ppb
Boron	11-1	17.76	17.61	18.08	17.82	1.33	ppb
Cadmium	111-1	-0.07	-0.05	-0.15	-0.09		ppb
Cadmium	106-1	-1.45	-1.00	-2.42	-1.62		ppb
Cadmium	108-1	0.01	-0.06	0.01	-0.01		ppb
Calcium	43-1	10319.12	10246.72	10362.41	10309.41	0.57	ppb
Calcium	44-1	10564.06	10512.33	10687.17	10587.85	0.85	ppb
Chromium	52-2	0.96	1.04	0.93	0.98	5.97	ppb
Cobalt	59-2	0.04	0.04	0.02	0.03	35.48	ppb
Copper	63-2	41.91	43.09	42.59	42.53	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1396.17	1418.43	1415.51	1410.03	0.86	ppb
Iron	57-2	1332.62	1441.86	1381.77	1385.42	3.95	ppb
Lead	206-1	0.30	0.27	0.30	0.29	5.12	ppb
Lead	207-1	0.26	0.24	0.27	0.26	4.54	ppb
Lead	208-1	0.26	0.25	0.26	0.26	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	3430.26	3448.86	3438.56	3439.23	0.27	ppb
Manganese	55-2	20.92	22.39	21.19	21.50	3.64	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.16	0.19	0.17	12.08	ppb
Molybdenum	95-1	0.24	0.28	0.22	0.25	10.99	ppb
Molybdenum	96-1	0.25	0.24	0.24	0.24	2.46	ppb
Molybdenum	97-1	0.26	0.30	0.29	0.28	8.44	ppb
Molybdenum	98-1	0.29	0.21	0.23	0.24	16.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.82	0.56	0.68	19.02	ppb
Phosphorus	31-2	724.87	656.86	887.45	756.39	15.66	ppb
Potassium	39-2	870.80	905.12	847.22	874.38	3.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	-0.32	0.75	0.74	0.39	157.63	ppb
Selenium	82-1	0.84	0.18	0.27	0.43	83.41	ppb
Silicon	28-1	1689.07	1677.77	1686.46	1684.43	0.35	ppb
Silver	109-1	0.11	0.11	0.15	0.12	17.35	ppb
Silver	107-1	0.10	0.13	0.11	0.11	13.50	ppb
Sodium	23-2	27964.73	28642.57	28406.86	28338.05	1.21	ppb
Strontium	86-1	35.29	35.15	35.53	35.33	0.54	ppb
Strontium	88-1	36.59	36.27	36.35	36.40	0.47	ppb
Sulfur	34-1	-2027.10	-1998.54	-1905.50	-1977.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.06	0.06	8.48	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	16.24	ppb
Tin	118-1	0.23	0.23	0.25	0.23	4.76	ppb
Titanium	47-1	1.42	1.19	1.11	1.24	13.12	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	4.37	ppb
Vanadium	51-2	0.70	0.73	0.58	0.67	12.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.64	30.05	31.01	30.23	2.32	ppb
Zirconium	90-1	0.12	0.10	0.11	0.11	8.79	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.12	0.10	17.38	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49162.94	46898.48	49000.60	48354.01	2.61	ppb
Antimony	121-1	495.32	493.70	494.56	494.53	0.16	ppb
Arsenic	75-2	487.99	495.23	503.40	495.54	1.56	ppb
Barium	135-1	2511.12	2485.87	2491.03	2496.00	0.53	ppb
Barium	137-1	2486.40	2476.83	2482.29	2481.84	0.19	ppb
Beryllium	9-1	517.13	518.91	517.50	517.85	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	511.88	536.34	531.01	526.41	2.44	ppb
Boron	11-1	516.30	523.89	532.21	524.13	1.52	ppb
Cadmium	111-1	475.03	475.61	479.36	476.67	0.49	ppb
Cadmium	106-1	483.67	484.87	475.37	481.31	1.08	ppb
Cadmium	108-1	489.23	471.47	476.28	478.99	1.92	ppb
Calcium	43-1	246290.47	242676.82	245176.24	244714.51	0.76	ppb
Calcium	44-1	246347.80	242539.20	245245.09	244710.70	0.80	ppb
Chromium	52-2	500.28	479.06	506.00	495.11	2.87	ppb
Cobalt	59-2	482.46	466.58	487.76	478.94	2.30	ppb
Copper	63-2	935.05	900.83	940.21	925.36	2.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123168.51	119412.92	125131.00	122570.81	2.37	ppb
Iron	57-2	120710.43	117039.28	121994.82	119914.84	2.14	ppb
Lead	206-1	507.60	505.98	499.05	504.21	0.90	ppb
Lead	207-1	498.89	500.70	494.81	498.13	0.61	ppb
Lead	208-1	501.95	503.55	496.21	500.57	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	260224.17	247061.45	262614.81	256633.48	3.26	ppb
Manganese	55-2	977.40	943.84	996.35	972.53	2.73	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	499.31	497.92	498.21	498.48	0.15	ppb
Molybdenum	95-1	498.76	488.29	494.84	493.96	1.07	ppb
Molybdenum	96-1	500.68	495.72	492.03	496.14	0.87	ppb
Molybdenum	97-1	482.06	485.00	481.09	482.72	0.42	ppb
Molybdenum	98-1	498.39	491.68	489.68	493.25	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.53	465.43	489.99	479.32	2.63	ppb
Phosphorus	31-2	10018.33	9497.32	10029.96	9848.54	3.09	ppb
Potassium	39-2	124181.64	121082.30	126369.11	123877.68	2.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.89	539.08	539.92	522.30	5.71	ppb
Selenium	78-2	469.40	514.14	487.50	490.35	4.59	ppb
Selenium	82-1	485.62	485.72	478.83	483.39	0.82	ppb
Silicon	28-1	534.40	527.72	544.36	535.49	1.56	ppb
Silver	109-1	491.26	484.85	488.12	488.08	0.66	ppb
Silver	107-1	491.55	486.07	489.74	489.12	0.57	ppb
Sodium	23-2	248503.13	238292.76	250742.18	245846.02	2.70	ppb
Strontium	86-1	501.00	492.14	496.63	496.59	0.89	ppb
Strontium	88-1	513.35	505.13	507.80	508.76	0.82	ppb
Sulfur	34-1	8164.59	8032.82	8475.58	8224.33	2.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.26	507.13	494.52	502.64	1.40	ppb
Thallium	205-1	497.64	500.56	489.60	495.94	1.14	ppb
Tin	118-1	499.78	491.18	494.09	495.02	0.88	ppb
Titanium	47-1	479.44	475.35	483.93	479.57	0.90	ppb
Uranium	238-1	504.72	508.46	495.05	502.74	1.38	ppb
Vanadium	51-2	496.69	479.08	502.17	492.65	2.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.76	935.86	970.41	957.34	1.96	ppb
Zirconium	90-1	493.30	493.90	493.95	493.72	0.07	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.91	481.72	486.82	485.15	0.61	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:06:13	DataFile Name :	071CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	-1.08	-1.08	-0.45		ppb
Antimony	121-1	0.39	0.40	0.41	0.40	1.82	ppb
Arsenic	75-2	0.02	0.02	-0.01	0.01	131.88	ppb
Barium	135-1	0.02	0.03	0.00	0.01	87.75	ppb
Barium	137-1	0.02	0.02	0.00	0.01	105.95	ppb
Beryllium	9-1	0.22	0.16	0.16	0.18	19.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.86	13.99	15.81	14.89	6.10	ppb
Boron	11-1	17.39	15.74	14.67	15.93	8.60	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	267.55	ppb
Cadmium	106-1	-0.79	-0.97	-0.78	-0.85		ppb
Cadmium	108-1	0.02	0.06	0.02	0.03	65.18	ppb
Calcium	43-1	-29.89	-37.69	-28.50	-32.03		ppb
Calcium	44-1	-6.44	-2.76	-4.10	-4.44		ppb
Chromium	52-2	0.00	-0.07	0.09	0.01	1047.98	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.10	0.09	0.06	0.08	26.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.34	2.21	2.07	2.21	6.07	ppb
Iron	57-2	3.43	0.73	-0.27	1.30	147.77	ppb
Lead	206-1	0.09	0.09	0.08	0.08	3.88	ppb
Lead	207-1	0.08	0.09	0.07	0.08	11.57	ppb
Lead	208-1	0.08	0.08	0.07	0.07	8.45	ppb
Lithium	6-1						%
Magnesium	24-2	1.12	1.46	-0.03	0.85	92.16	ppb
Manganese	55-2	0.05	0.01	0.05	0.04	58.54	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:06:13	DataFile Name :	071CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.04	0.04	24.36	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	15.11	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	9.32	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.06	23.49	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.05	0.01	0.02	171.22	ppb
Phosphorus	31-2	-24.57	-24.57	-24.57	-24.57		ppb
Potassium	39-2	7.14	-4.18	-4.07	-0.37		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	-2.06	-2.06		ppb
Selenium	78-2	0.72	0.72	3.83	1.76	102.23	ppb
Selenium	82-1	1.42	0.87	0.03	0.78	90.46	ppb
Silicon	28-1	-4.78	-6.23	-7.74	-6.25		ppb
Silver	109-1	0.06	0.05	0.22	0.11	88.14	ppb
Silver	107-1	0.06	0.05	0.05	0.05	11.60	ppb
Sodium	23-2	79.39	75.51	71.93	75.61	4.93	ppb
Strontium	86-1	0.01	0.02	0.04	0.02	60.26	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	109.40	ppb
Sulfur	34-1	-1741.19	-1634.03	-1668.31	-1681.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.10	0.10	0.11	16.99	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	10.82	ppb
Tin	118-1	0.08	0.11	0.08	0.09	19.22	ppb
Titanium	47-1	-0.04	0.04	0.02	0.01	613.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	143.71	ppb
Vanadium	51-2	0.03	-0.01	-0.01	0.01	480.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.22	-0.28	-0.24	-0.25		ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	39.52	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:06:13	DataFile Name :	071CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.06	0.05	9.51	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.32	8.44	14.07	10.94	26.23	ppb
Antimony	121-1	0.38	0.40	0.36	0.38	5.51	ppb
Arsenic	75-2	0.09	0.07	0.02	0.06	61.99	ppb
Barium	135-1	0.29	0.27	0.36	0.31	15.53	ppb
Barium	137-1	0.31	0.30	0.28	0.30	4.68	ppb
Beryllium	9-1	0.09	0.06	0.08	0.08	17.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.44	8.55	8.77	8.59	1.96	ppb
Boron	11-1	8.09	8.48	8.00	8.19	3.17	ppb
Cadmium	111-1	-0.06	-0.02	-0.10	-0.06		ppb
Cadmium	106-1	-1.55	-1.30	-1.66	-1.51		ppb
Cadmium	108-1	0.01	-0.09	0.01	-0.02		ppb
Calcium	43-1	115.63	105.20	134.48	118.44	12.53	ppb
Calcium	44-1	153.73	145.68	156.37	151.92	3.67	ppb
Chromium	52-2	-0.17	-0.22	-0.09	-0.16		ppb
Cobalt	59-2	-0.02	0.00	0.00	0.00		ppb
Copper	63-2	4.65	4.44	4.41	4.50	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	255.90	252.75	251.60	253.41	0.88	ppb
Iron	57-2	257.60	246.12	239.58	247.77	3.68	ppb
Lead	206-1	0.17	0.16	0.17	0.17	4.21	ppb
Lead	207-1	0.16	0.13	0.15	0.14	11.52	ppb
Lead	208-1	0.15	0.13	0.15	0.14	4.95	ppb
Lithium	6-1						%
Magnesium	24-2	14.23	15.07	18.23	15.84	13.34	ppb
Manganese	55-2	0.67	0.75	0.46	0.63	24.18	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.08	0.09	6.07	ppb
Molybdenum	95-1	0.14	0.14	0.11	0.13	15.30	ppb
Molybdenum	96-1	0.13	0.11	0.15	0.13	16.17	ppb
Molybdenum	97-1	0.16	0.18	0.16	0.17	7.93	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.24	0.14	0.19	24.50	ppb
Phosphorus	31-2	-24.57	-24.57	3.23	-15.30		ppb
Potassium	39-2	65.25	98.94	62.33	75.50	26.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.53	-2.06	-2.06	0.14	2731.19	ppb
Selenium	78-2	1.73	-0.32	0.72	0.71	144.34	ppb
Selenium	82-1	0.41	0.68	0.89	0.66	36.08	ppb
Silicon	28-1	11.07	11.91	12.57	11.85	6.32	ppb
Silver	109-1	0.14	0.16	0.16	0.15	9.12	ppb
Silver	107-1	0.16	0.17	0.15	0.16	4.91	ppb
Sodium	23-2	242.86	229.40	233.55	235.27	2.93	ppb
Strontium	86-1	0.09	0.21	0.15	0.15	38.28	ppb
Strontium	88-1	0.19	0.18	0.17	0.18	4.99	ppb
Sulfur	34-1	-2845.32	-2771.06	-2720.87	-2779.08		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.17	0.15	0.18	17.88	ppb
Thallium	205-1	0.21	0.16	0.14	0.17	24.43	ppb
Tin	118-1	8.32	8.30	8.28	8.30	0.25	ppb
Titanium	47-1	0.44	0.25	0.27	0.32	32.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.10	0.06	0.10	0.09	29.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	27.72	26.71	26.96	27.13	1.94	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	9.72	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.03	0.06	40.07	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46720.10	47416.90	47293.45	47143.49	0.79	ppb
Antimony	121-1	537.89	497.40	484.32	506.54	5.51	ppb
Arsenic	75-2	486.16	480.53	483.09	483.26	0.58	ppb
Barium	135-1	2746.08	2478.15	2447.56	2557.27	6.42	ppb
Barium	137-1	2664.38	2444.81	2401.19	2503.46	5.63	ppb
Beryllium	9-1	556.28	518.67	511.78	528.91	4.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	556.72	524.14	521.91	534.26	3.65	ppb
Boron	11-1	550.77	520.61	527.68	533.02	2.96	ppb
Cadmium	111-1	515.43	472.56	463.33	483.77	5.75	ppb
Cadmium	106-1	521.25	472.85	464.80	486.30	6.28	ppb
Cadmium	108-1	521.52	483.40	471.77	492.23	5.29	ppb
Calcium	43-1	256415.91	242835.80	237318.85	245523.52	4.00	ppb
Calcium	44-1	256657.26	242285.16	235135.71	244692.71	4.48	ppb
Chromium	52-2	479.23	475.56	481.22	478.67	0.60	ppb
Cobalt	59-2	467.71	464.94	466.86	466.50	0.30	ppb
Copper	63-2	935.47	933.66	932.13	933.76	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121581.53	120367.78	119623.13	120524.14	0.82	ppb
Iron	57-2	116632.40	116672.97	117252.56	116852.64	0.30	ppb
Lead	206-1	540.17	499.53	495.44	511.71	4.83	ppb
Lead	207-1	530.83	496.06	487.70	504.86	4.53	ppb
Lead	208-1	536.94	495.27	492.09	508.10	4.93	ppb
Lithium	6-1						%
Magnesium	24-2	242956.56	241976.29	241923.09	242285.31	0.24	ppb
Manganese	55-2	944.76	942.10	953.76	946.87	0.65	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	536.89	493.62	487.38	505.96	5.33	ppb
Molybdenum	95-1	528.74	492.70	478.85	500.10	5.15	ppb
Molybdenum	96-1	530.97	497.28	485.64	504.63	4.67	ppb
Molybdenum	97-1	517.85	482.75	473.16	491.26	4.79	ppb
Molybdenum	98-1	522.88	494.14	483.46	500.16	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.51	462.00	462.80	464.44	0.76	ppb
Phosphorus	31-2	10419.68	9239.08	9217.54	9625.43	7.15	ppb
Potassium	39-2	121251.72	121413.21	122667.11	121777.35	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	493.01	475.12	510.84	492.99	3.62	ppb
Selenium	78-2	481.29	469.90	488.66	479.95	1.97	ppb
Selenium	82-1	517.69	480.21	471.61	489.84	5.00	ppb
Silicon	28-1	516.17	482.91	470.81	489.97	4.79	ppb
Silver	109-1	529.72	484.39	479.59	497.90	5.56	ppb
Silver	107-1	528.90	485.28	477.39	497.19	5.58	ppb
Sodium	23-2	239487.88	241608.38	240060.99	240385.75	0.46	ppb
Strontium	86-1	532.40	492.58	486.64	503.87	4.94	ppb
Strontium	88-1	541.44	505.51	499.99	515.65	4.36	ppb
Sulfur	34-1	10337.97	8440.03	7880.67	8886.22	14.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	541.85	499.90	489.97	510.57	5.39	ppb
Thallium	205-1	530.86	489.51	483.78	501.38	5.12	ppb
Tin	118-1	547.01	498.88	487.61	511.17	6.17	ppb
Titanium	47-1	515.38	480.80	470.14	488.77	4.84	ppb
Uranium	238-1	535.56	495.14	491.67	507.46	4.81	ppb
Vanadium	51-2	477.05	482.61	481.14	480.27	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.82	988.91	972.48	979.41	0.87	ppb
Zirconium	90-1	530.40	502.15	482.75	505.10	4.74	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.02	485.50	475.99	493.84	4.69	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:15:39	DataFile Name :	074CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	4.41	5.75	4.24	38.00	ppb
Antimony	121-1	0.30	0.30	0.31	0.30	2.02	ppb
Arsenic	75-2	-0.01	0.02	0.26	0.09	161.69	ppb
Barium	135-1	0.00	0.01	0.04	0.02	114.09	ppb
Barium	137-1	0.01	0.04	-0.01	0.01	143.07	ppb
Beryllium	9-1	0.20	0.12	0.26	0.19	34.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.83	14.33	15.90	15.69	8.08	ppb
Boron	11-1	15.79	14.57	14.23	14.86	5.53	ppb
Cadmium	111-1	0.03	-0.02	-0.06	-0.02		ppb
Cadmium	106-1	-0.39	-1.18	-1.18	-0.91		ppb
Cadmium	108-1	-0.02	0.09	0.05	0.04	128.84	ppb
Calcium	43-1	-37.58	-31.49	-33.05	-34.04		ppb
Calcium	44-1	-6.95	-5.30	-6.99	-6.41		ppb
Chromium	52-2	-0.01	-0.04	2.43	0.79	178.05	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.10	0.05	0.35	0.17	95.21	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.37	2.31	11.30	5.33	97.07	ppb
Iron	57-2	1.16	3.27	7.24	3.89	79.38	ppb
Lead	206-1	0.10	0.09	0.07	0.09	15.24	ppb
Lead	207-1	0.10	0.08	0.06	0.08	21.32	ppb
Lead	208-1	0.08	0.07	0.08	0.08	7.36	ppb
Lithium	6-1						%
Magnesium	24-2	0.53	5.30	14.93	6.92	105.96	ppb
Manganese	55-2	-0.03	0.10	0.34	0.14	132.85	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:15:39	DataFile Name :	074CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.03	18.08	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	19.42	ppb
Molybdenum	96-1	0.04	0.03	0.06	0.04	30.02	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	32.75	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	27.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.11	0.05	95.24	ppb
Phosphorus	31-2	2.03	2.31	-24.57	-6.74		ppb
Potassium	39-2	8.14	-1.85	434.33	146.87	169.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.06	-2.06	24.61	6.83	225.32	ppb
Selenium	78-2	1.75	-0.32	3.83	1.75	118.49	ppb
Selenium	82-1	0.33	-0.16	0.51	0.23	152.26	ppb
Silicon	28-1	-25.22	-15.73	-26.26	-22.40		ppb
Silver	109-1	0.05	0.05	0.06	0.05	15.76	ppb
Silver	107-1	0.05	0.06	0.04	0.05	18.06	ppb
Sodium	23-2	73.64	73.98	411.36	186.33	104.59	ppb
Strontium	86-1	-0.04	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	233.66	ppb
Sulfur	34-1	-1628.26	-1717.99	-2013.86	-1786.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.09	0.08	0.10	21.25	ppb
Thallium	205-1	0.11	0.09	0.07	0.09	18.16	ppb
Tin	118-1	0.07	0.06	0.05	0.06	18.10	ppb
Titanium	47-1	-0.06	-0.03	0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	82.98	ppb
Vanadium	51-2	0.00	0.00	0.06	0.02	195.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.36	-0.29	0.20	-0.15		ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	24.22	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:15:39	DataFile Name :	074CCBE_P8103117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	52.18	ppb

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	50	58	83	64	27.15	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	50	50	67	56	17.32	cps
Beryllium	9-1	39	17	39	31	40.75	cps
Bismuth	209-1	4803559	4836787	4848597	4829648	0.48	cps
Bismuth	209-2	1277040	1270905	1270960	1272968	0.28	cps
Boron	10-1	150	92	108	117	25.76	cps
Boron	11-1	450	733	592	592	23.95	cps
Cadmium	111-1	838	786	808	810	3.18	cps
Cadmium	106-1	1175	1100	1150	1142	3.34	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	1617	1542	1342	1500	9.48	cps
Calcium	44-1	12623	12665	13307	12865	2.98	cps
Chromium	52-2	727	653	713	698	5.60	cps
Cobalt	59-2	50	67	40	52	25.80	cps
Copper	63-2	123	110	120	118	5.89	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	7162733	7223423	7295474	7227210	0.92	cps
Holmium	165-2	1540674	1538794	1529061	1536176	0.41	cps
Indium	115-1	5702528	5883066	5906610	5830735	1.91	cps
Indium	115-2	254452	251948	254330	253577	0.56	cps
Iron	56-2	1056	1078	961	1032	6.01	cps
Iron	57-2	33	33	22	30	21.65	cps
Lead	206-1	461	511	517	496	6.17	cps
Lead	207-1	444	411	472	443	6.91	cps
Lead	208-1	2028	2011	2128	2056	3.07	cps
Lithium	6-1	867787	889297	928291	895125	3.43	cps
Magnesium	24-2	75	150	75	100	43.31	cps
Manganese	55-2	10	17	23	17	39.99	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	92	158	156	40.21	cps
Molybdenum	95-1	25	25	17	22	21.64	cps
Molybdenum	96-1	150	142	58	117	43.45	cps
Molybdenum	97-1	17	25	50	31	56.77	cps
Molybdenum	98-1	50	67	83	67	25.00	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	63	27	47	39.76	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2184	2317	2400	2300	4.75	cps
Rhodium	103-1	5418994	5535685	5592828	5515836	1.61	cps
Rhodium	103-2	1402319	1407999	1405877	1405398	0.20	cps
Scandium	45-1	3164423	3296844	3319153	3260140	2.57	cps
Scandium	45-2	26258	27116	26853	26742	1.64	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-91	-105	7	-63	-96.70	cps
Silicon	28-1	382937	381628	380985	381850	0.26	cps
Silver	109-1	25	17	17	19	24.73	cps
Silver	107-1	92	67	58	72	24.02	cps
Sodium	23-2	3025	3284	3050	3120	4.57	cps
Strontium	86-1	408	400	500	436	12.72	cps
Strontium	88-1	175	200	167	181	9.61	cps
Sulfur	34-1	346209	347044	346438	346564	0.12	cps
Terbium	159-1	7389464	7553805	7589489	7510919	1.42	cps
Terbium	159-2	1501122	1512158	1508548	1507276	0.37	cps
Thallium	203-1	208	208	258	225	12.83	cps
Thallium	205-1	492	617	500	536	13.04	cps
Tin	118-1	425	325	292	347	19.99	cps
Titanium	47-1	125	67	108	100	30.05	cps
Uranium	238-1	167	108	192	156	27.49	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	6026121	6167106	6219319	6137515	1.63	cps
Yttrium	89-2	186863	187930	186545	187112	0.39	cps
Zinc	66-2	93	83	90	89	5.73	cps
Zirconium	90-1	467	442	333	414	17.12	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:52:14	DataFile Name :	003CALB_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	100	67	83	20.00	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	117	117	7.14	cps
Antimony	121-1	13549	13491	13766	13602	1.07	cps
Arsenic	75-2	94	70	76	80	15.71	cps
Barium	135-1	14225	14192	14358	14258	0.62	cps
Barium	137-1	25735	25167	25050	25317	1.45	cps
Beryllium	9-1	906	850	978	911	7.03	cps
Bismuth	209-1	4718206	4720045	4705079	4714443	0.17	cps
Bismuth	209-2	1236125	1234900	1236583	1235869	0.07	cps
Boron	10-1	2250	2575	2625	2484	8.20	cps
Boron	11-1	11488	11463	12414	11789	4.60	cps
Cadmium	111-1	2130	2284	2226	2213	3.51	cps
Cadmium	106-1	1167	1192	1142	1167	2.14	cps
Cadmium	108-1	113	108	158	126	21.95	cps
Calcium	43-1	8186	8028	8411	8208	2.35	cps
Calcium	44-1	124498	125028	124997	124841	0.24	cps
Chromium	52-2	1870	2074	2184	2042	7.78	cps
Cobalt	59-2	1427	1477	1430	1445	1.94	cps
Copper	63-2	2704	2557	2454	2571	4.89	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	67	108	69	54.12	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	7045868	6925436	6989509	6986938	0.86	cps
Holmium	165-2	1498194	1489691	1496112	1494666	0.30	cps
Indium	115-1	5586740	5606739	5599095	5597525	0.18	cps
Indium	115-2	246923	243198	244441	244854	0.77	cps
Iron	56-2	21784	23058	22257	22367	2.88	cps
Iron	57-2	517	539	556	537	3.63	cps
Lead	206-1	5118	4784	5051	4984	3.54	cps
Lead	207-1	4707	4562	4690	4653	1.70	cps
Lead	208-1	20629	20641	20524	20598	0.31	cps
Lithium	6-1	884457	874694	878881	879344	0.56	cps
Magnesium	24-2	10905	11255	11422	11194	2.36	cps
Manganese	55-2	260	213	213	229	11.77	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11822	11631	11455	11636	1.58	cps
Molybdenum	95-1	14517	14525	13574	14205	3.85	cps
Molybdenum	96-1	16285	15810	15968	16021	1.51	cps
Molybdenum	97-1	8653	8753	8595	8667	0.92	cps
Molybdenum	98-1	22962	22444	22603	22670	1.17	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	550	503	520	524	4.51	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	8078	8345	8370	8264	1.96	cps
Rhodium	103-1	5243793	5362978	5369602	5325458	1.33	cps
Rhodium	103-2	1371527	1360913	1354508	1362316	0.63	cps
Scandium	45-1	3118677	3146720	3163635	3143011	0.72	cps
Scandium	45-2	25463	25704	25573	25580	0.47	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	15	17	13	15	12.52	cps
Selenium	82-1	441	398	421	420	5.08	cps
Silicon	28-1	435462	432776	432993	433743	0.34	cps
Silver	109-1	6894	6802	6994	6897	1.39	cps
Silver	107-1	7061	7502	7469	7344	3.35	cps
Sodium	23-2	28187	27870	27887	27981	0.64	cps
Strontium	86-1	2509	2434	2217	2386	6.35	cps
Strontium	88-1	15985	16786	15560	16110	3.86	cps
Sulfur	34-1	351176	351320	353685	352061	0.40	cps
Terbium	159-1	7381429	7345108	7289043	7338527	0.63	cps
Terbium	159-2	1460170	1458455	1462135	1460253	0.13	cps
Thallium	203-1	5652	5927	6118	5899	3.98	cps
Thallium	205-1	13892	13825	13550	13755	1.32	cps
Tin	118-1	23154	23371	24482	23669	3.01	cps
Titanium	47-1	3851	3742	3734	3776	1.72	cps
Uranium	238-1	18131	17204	17330	17555	2.86	cps
Vanadium	51-2	2360	2200	2397	2319	4.51	cps
Yttrium	89-1	5833155	5886982	5904740	5874959	0.63	cps
Yttrium	89-2	181533	181745	181454	181577	0.08	cps
Zinc	66-2	227	400	303	310	28.02	cps
Zirconium	90-1	10371	10605	10663	10546	1.46	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 13:59:30	DataFile Name :	005CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2217	2400	2242	2286	4.35	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:03:03 DataFile Name : 006CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4751	4726	4943	4807	2.47	cps
Antimony	121-1	375189	373999	373928	374372	0.19	cps
Arsenic	75-2	4082	4206	4117	4135	1.55	cps
Barium	135-1	400275	397812	394854	397647	0.68	cps
Barium	137-1	695515	693451	693228	694065	0.18	cps
Beryllium	9-1	46999	48075	46693	47256	1.54	cps
Bismuth	209-1	4665769	4685071	4767651	4706164	1.15	cps
Bismuth	209-2	1223424	1218487	1229593	1223835	0.45	cps
Boron	10-1	5118	5643	5435	5398	4.90	cps
Boron	11-1	24572	25540	25148	25087	1.94	cps
Cadmium	111-1	81496	81424	82114	81678	0.46	cps
Cadmium	106-1	9404	9254	9495	9384	1.30	cps
Cadmium	108-1	5922	5656	5318	5632	5.38	cps
Calcium	43-1	81093	79442	80506	80347	1.04	cps
Calcium	44-1	1314927	1298660	1313778	1309122	0.69	cps
Chromium	52-2	34148	34239	34623	34337	0.73	cps
Cobalt	59-2	73355	72953	71750	72686	1.15	cps
Copper	63-2	129816	129184	128340	129113	0.57	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	6993000	7037402	6992618	7007673	0.37	cps
Holmium	165-2	1479417	1470611	1475859	1475296	0.30	cps
Indium	115-1	5575845	5591597	5573689	5580377	0.18	cps
Indium	115-2	240782	242353	240933	241356	0.36	cps
Iron	56-2	1162228	1158178	1158478	1159628	0.19	cps
Iron	57-2	29075	29894	29304	29424	1.43	cps
Lead	206-1	243245	242525	246028	243933	0.76	cps
Lead	207-1	220965	220486	221104	220851	0.15	cps
Lead	208-1	990111	989201	995631	991647	0.35	cps
Lithium	6-1	870007	874003	881884	875298	0.69	cps
Magnesium	24-2	117886	117558	119810	118418	1.03	cps
Manganese	55-2	19100	18790	19013	18968	0.84	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:03:03	DataFile Name :	006CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	291196	291383	292409	291662	0.22	cps
Molybdenum	95-1	158170	152977	157176	156108	1.77	cps
Molybdenum	96-1	200351	198017	203193	200520	1.29	cps
Molybdenum	97-1	95477	97398	98944	97273	1.79	cps
Molybdenum	98-1	250801	250679	253221	251567	0.57	cps
Neodymium	150-1	40	53	33	42	24.12	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	21590	21687	21744	21674	0.36	cps
Phosphorus	31-2	275	258	325	286	12.13	cps
Potassium	39-2	36573	34944	36440	35986	2.51	cps
Rhodium	103-1	5301934	5277942	5270437	5283437	0.31	cps
Rhodium	103-2	1345131	1341694	1355749	1347524	0.54	cps
Scandium	45-1	3136857	3114541	3130882	3127427	0.37	cps
Scandium	45-2	24638	24732	25096	24822	0.97	cps
Selenium	77-2	50	20	20	30	57.74	cps
Selenium	78-2	83	80	104	89	14.59	cps
Selenium	82-1	5154	4913	4885	4984	2.96	cps
Silicon	28-1	556568	559401	557413	557794	0.26	cps
Silver	109-1	378235	377328	378785	378116	0.19	cps
Silver	107-1	396698	397517	400125	398113	0.45	cps
Sodium	23-2	271843	272906	271987	272245	0.21	cps
Strontium	86-1	99520	101526	98093	99713	1.73	cps
Strontium	88-1	861786	853476	866513	860592	0.77	cps
Sulfur	34-1	376228	374550	374112	374964	0.30	cps
Terbium	159-1	7270067	7347765	7272357	7296729	0.61	cps
Terbium	159-2	1443533	1449803	1454659	1449332	0.38	cps
Thallium	203-1	295204	295296	298103	296201	0.56	cps
Thallium	205-1	708562	710247	718088	712299	0.71	cps
Tin	118-1	256789	258341	256832	257320	0.34	cps
Titanium	47-1	40761	40434	40267	40487	0.62	cps
Uranium	238-1	969569	969705	974976	971417	0.32	cps
Vanadium	51-2	25029	24649	25113	24930	0.99	cps
Yttrium	89-1	5792520	5744651	5796372	5777848	0.50	cps
Yttrium	89-2	178796	177638	181494	179309	1.10	cps
Zinc	66-2	11215	11605	11361	11394	1.73	cps
Zirconium	90-1	548570	557594	559654	555273	1.06	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:03:03	DataFile Name :	006CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	121673	122354	124491	122839	1.20	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:06:33 DataFile Name : 007CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11897	12297	11914	12036	1.88	cps
Antimony	121-1	948124	938922	944407	943818	0.49	cps
Arsenic	75-2	10093	10154	10443	10230	1.83	cps
Barium	135-1	1004152	995787	1003167	1001036	0.46	cps
Barium	137-1	1782735	1771650	1775589	1776658	0.32	cps
Beryllium	9-1	116003	115029	113791	114941	0.96	cps
Bismuth	209-1	4733761	4716816	4742834	4731137	0.28	cps
Bismuth	209-2	1213950	1218406	1221374	1217910	0.31	cps
Boron	10-1	12272	12698	13123	12698	3.35	cps
Boron	11-1	60287	60111	61391	60596	1.14	cps
Cadmium	111-1	204132	198645	202612	201796	1.40	cps
Cadmium	106-1	21777	21618	21668	21688	0.37	cps
Cadmium	108-1	14333	13899	13878	14037	1.83	cps
Calcium	43-1	195822	196108	193771	195234	0.65	cps
Calcium	44-1	3205236	3170850	3169023	3181703	0.64	cps
Chromium	52-2	83008	82207	82874	82696	0.52	cps
Cobalt	59-2	178646	179584	179888	179372	0.36	cps
Copper	63-2	315580	315032	313070	314561	0.42	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	7035885	7106569	7099412	7080622	0.55	cps
Holmium	165-2	1471172	1477570	1487341	1478694	0.55	cps
Indium	115-1	5583225	5544645	5575559	5567810	0.37	cps
Indium	115-2	235888	237719	240298	237968	0.93	cps
Iron	56-2	2860451	2846901	2876080	2861144	0.51	cps
Iron	57-2	71550	70277	71684	71170	1.09	cps
Lead	206-1	612036	614370	620327	615577	0.69	cps
Lead	207-1	550276	554426	556887	553863	0.60	cps
Lead	208-1	2489862	2491246	2507707	2496271	0.40	cps
Lithium	6-1	872636	878335	880136	877036	0.45	cps
Magnesium	24-2	281742	285049	286373	284388	0.84	cps
Manganese	55-2	46648	46735	46705	46696	0.09	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:06:33	DataFile Name :	007CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	731587	727935	731566	730363	0.29	cps
Molybdenum	95-1	393811	388493	388859	390388	0.76	cps
Molybdenum	96-1	508732	509710	507085	508509	0.26	cps
Molybdenum	97-1	243742	243231	246483	244485	0.72	cps
Molybdenum	98-1	633396	634752	634068	634072	0.11	cps
Neodymium	150-1	47	87	73	69	29.56	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	52964	52211	53084	52753	0.90	cps
Phosphorus	31-2	867	908	817	864	5.31	cps
Potassium	39-2	83950	81628	83112	82897	1.42	cps
Rhodium	103-1	5271632	5290949	5217086	5259889	0.73	cps
Rhodium	103-2	1330474	1336788	1342194	1336485	0.44	cps
Scandium	45-1	3125430	3104720	3147797	3125982	0.69	cps
Scandium	45-2	24625	24635	25056	24772	0.99	cps
Selenium	77-2	63	67	63	64	2.99	cps
Selenium	78-2	281	219	233	244	13.47	cps
Selenium	82-1	12352	12423	12167	12314	1.08	cps
Silicon	28-1	795823	793722	792022	793856	0.24	cps
Silver	109-1	950470	938890	943169	944176	0.62	cps
Silver	107-1	994253	1000283	993805	996113	0.36	cps
Sodium	23-2	658362	649809	658459	655543	0.76	cps
Strontium	86-1	246362	245504	244986	245617	0.28	cps
Strontium	88-1	2142161	2173751	2177132	2164348	0.89	cps
Sulfur	34-1	405379	404814	403632	404608	0.22	cps
Terbium	159-1	7352463	7453511	7369949	7391974	0.73	cps
Terbium	159-2	1439907	1455248	1466890	1454015	0.93	cps
Thallium	203-1	749532	748139	757734	751802	0.69	cps
Thallium	205-1	1819325	1834824	1864700	1839616	1.25	cps
Tin	118-1	647148	641465	640703	643105	0.55	cps
Titanium	47-1	99779	101357	100283	100473	0.80	cps
Uranium	238-1	2540614	2533035	2554050	2542566	0.42	cps
Vanadium	51-2	60316	60343	60855	60505	0.50	cps
Yttrium	89-1	5883579	5817338	5844632	5848516	0.57	cps
Yttrium	89-2	175792	177625	179762	177726	1.12	cps
Zinc	66-2	28600	29054	28353	28669	1.24	cps
Zirconium	90-1	1416409	1402998	1398515	1405974	0.66	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:06:33	DataFile Name :	007CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	309827	311557	305942	309109	0.93	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24631	23228	23379	23746	3.24	cps
Antimony	121-1	2011757	1982537	2007389	2000561	0.79	cps
Arsenic	75-2	21051	20760	20747	20853	0.82	cps
Barium	135-1	2116135	2095118	2100012	2103755	0.52	cps
Barium	137-1	3648434	3675780	3652348	3658854	0.40	cps
Beryllium	9-1	233626	231221	234248	233032	0.69	cps
Bismuth	209-1	4912566	4935579	4971024	4939723	0.60	cps
Bismuth	209-2	1245574	1250896	1231564	1242678	0.80	cps
Boron	10-1	25115	25857	27168	26047	3.99	cps
Boron	11-1	123603	125471	124930	124668	0.77	cps
Cadmium	111-1	418742	419221	416343	418102	0.37	cps
Cadmium	106-1	42969	44391	44048	43803	1.69	cps
Cadmium	108-1	29825	28718	28931	29158	2.01	cps
Calcium	43-1	394353	398047	399415	397272	0.66	cps
Calcium	44-1	6488662	6475668	6528530	6497620	0.42	cps
Chromium	52-2	165599	163195	164871	164555	0.75	cps
Cobalt	59-2	358333	355946	359830	358036	0.55	cps
Copper	63-2	632094	636301	626632	631676	0.77	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	13	10	33	19	66.81	cps
Holmium	165-1	7420472	7431196	7390416	7414028	0.29	cps
Holmium	165-2	1524753	1513188	1514899	1517613	0.41	cps
Indium	115-1	5785349	5778774	5745108	5769743	0.37	cps
Indium	115-2	241496	240737	240405	240879	0.23	cps
Iron	56-2	5707968	5702364	5637457	5682596	0.69	cps
Iron	57-2	143076	144199	141635	142970	0.90	cps
Lead	206-1	1285410	1300094	1288434	1291312	0.60	cps
Lead	207-1	1157964	1171316	1169905	1166395	0.63	cps
Lead	208-1	5297979	5361815	5323982	5327925	0.60	cps
Lithium	6-1	899338	895447	895651	896812	0.24	cps
Magnesium	24-2	578098	569550	560645	569431	1.53	cps
Manganese	55-2	94343	93987	93087	93806	0.69	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1525574	1538662	1527865	1530700	0.46	cps
Molybdenum	95-1	814489	814765	805761	811672	0.63	cps
Molybdenum	96-1	1054523	1050963	1053818	1053101	0.18	cps
Molybdenum	97-1	509599	503459	508430	507163	0.64	cps
Molybdenum	98-1	1308652	1299698	1300657	1303002	0.38	cps
Neodymium	150-1	80	113	113	102	18.83	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	107252	106695	106588	106845	0.33	cps
Phosphorus	31-2	1642	1533	1767	1647	7.09	cps
Potassium	39-2	162304	161019	162764	162029	0.56	cps
Rhodium	103-1	5410092	5443203	5349258	5400851	0.88	cps
Rhodium	103-2	1364346	1355710	1349978	1356678	0.53	cps
Scandium	45-1	3142429	3182994	3178250	3167891	0.70	cps
Scandium	45-2	25153	25240	24989	25127	0.51	cps
Selenium	77-2	130	170	133	144	15.36	cps
Selenium	78-2	483	517	491	497	3.52	cps
Selenium	82-1	25480	25645	25461	25528	0.40	cps
Silicon	28-1	1114025	1112313	1125365	1117234	0.63	cps
Silver	109-1	2006343	1970626	1986752	1987907	0.90	cps
Silver	107-1	2098031	2081330	2070886	2083416	0.66	cps
Sodium	23-2	1341333	1320044	1307004	1322793	1.31	cps
Strontium	86-1	508690	512318	507848	509619	0.47	cps
Strontium	88-1	4465354	4458156	4373401	4432303	1.15	cps
Sulfur	34-1	461603	461719	458006	460443	0.46	cps
Terbium	159-1	7776225	7662627	7742852	7727235	0.76	cps
Terbium	159-2	1500825	1491991	1475244	1489353	0.87	cps
Thallium	203-1	1574809	1586147	1581788	1580915	0.36	cps
Thallium	205-1	3842599	3794794	3811855	3816416	0.63	cps
Tin	118-1	1339707	1331242	1340412	1337120	0.38	cps
Titanium	47-1	207996	203366	205792	205718	1.13	cps
Uranium	238-1	5239227	5297666	5268883	5268592	0.55	cps
Vanadium	51-2	120650	121249	119787	120562	0.61	cps
Yttrium	89-1	6018119	6006729	6014306	6013052	0.10	cps
Yttrium	89-2	180478	178553	177929	178987	0.74	cps
Zinc	66-2	56434	56475	55427	56112	1.06	cps
Zirconium	90-1	2968282	2920393	2903974	2930883	1.14	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:10:04	DataFile Name :	008CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	640021	638796	632379	637065	0.64	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:13:25	DataFile Name :	009CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43726	43786	43116	43543	0.85	cps
Antimony	121-1	3998899	4013719	4028497	4013705	0.37	cps
Arsenic	75-2	38598	37809	39001	38469	1.58	cps
Barium	135-1	4216015	4268861	4277054	4253977	0.78	cps
Barium	137-1	7315425	7353192	7341300	7336639	0.26	cps
Beryllium	9-1	446900	452433	444756	448030	0.88	cps
Bismuth	209-1	5000507	5074779	5057952	5044413	0.77	cps
Bismuth	209-2	1206358	1193318	1216648	1205441	0.97	cps
Boron	10-1	48951	52380	51494	50942	3.49	cps
Boron	11-1	236738	244113	246221	242357	2.05	cps
Cadmium	111-1	827155	836303	834839	832766	0.59	cps
Cadmium	106-1	84197	85437	86905	85513	1.59	cps
Cadmium	108-1	58681	58338	59376	58799	0.90	cps
Calcium	43-1	775702	789663	781450	782272	0.90	cps
Calcium	44-1	12660506	12906065	12723412	12763328	1.00	cps
Chromium	52-2	302227	298348	305696	302090	1.22	cps
Cobalt	59-2	665595	653424	671552	663524	1.39	cps
Copper	63-2	1181107	1161031	1185816	1175984	1.12	cps
Dysprosium	156-1	117	92	50	86	39.11	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	7375819	7574702	7636494	7529005	1.81	cps
Holmium	165-2	1479093	1467109	1494307	1480170	0.92	cps
Indium	115-1	5664307	5768363	5749385	5727352	0.97	cps
Indium	115-2	225719	224620	227430	225923	0.63	cps
Iron	56-2	10586883	10328566	10506906	10474118	1.26	cps
Iron	57-2	265492	262563	265897	264651	0.69	cps
Lead	206-1	2671900	2718855	2715165	2701973	0.97	cps
Lead	207-1	2427223	2441072	2467899	2445398	0.85	cps
Lead	208-1	10895910	11104269	11065236	11021805	1.00	cps
Lithium	6-1	880585	890669	885428	885561	0.57	cps
Magnesium	24-2	1051421	1030995	1052282	1044899	1.15	cps
Manganese	55-2	174144	172241	174292	173559	0.66	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:13:25 DataFile Name : 009CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3062830	3057382	3034559	3051590	0.49	cps
Molybdenum	95-1	1634453	1676337	1656612	1655801	1.27	cps
Molybdenum	96-1	2154818	2154185	2158584	2155863	0.11	cps
Molybdenum	97-1	1010844	1018064	1019136	1016015	0.44	cps
Molybdenum	98-1	2673142	2695631	2678141	2682305	0.44	cps
Neodymium	150-1	107	220	200	176	34.46	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	196235	195028	198757	196673	0.97	cps
Phosphorus	31-2	2750	2825	2942	2839	3.40	cps
Potassium	39-2	293539	285509	296911	291987	2.01	cps
Rhodium	103-1	5280835	5366605	5338200	5328546	0.82	cps
Rhodium	103-2	1294837	1274121	1308359	1292439	1.33	cps
Scandium	45-1	3108823	3142088	3100985	3117298	0.70	cps
Scandium	45-2	22077	22471	22572	22374	1.17	cps
Selenium	77-2	283	270	240	264	8.39	cps
Selenium	78-2	839	859	876	858	2.16	cps
Selenium	82-1	50255	50849	51139	50747	0.89	cps
Silicon	28-1	1728415	1731612	1695276	1718434	1.17	cps
Silver	109-1	3916305	3939280	3896273	3917286	0.55	cps
Silver	107-1	4090966	4124715	4116535	4110739	0.43	cps
Sodium	23-2	2448981	2385018	2413070	2415690	1.33	cps
Strontium	86-1	1014497	1023764	1022344	1020202	0.49	cps
Strontium	88-1	8700052	8830585	8788753	8773130	0.76	cps
Sulfur	34-1	545529	547177	544849	545852	0.22	cps
Terbium	159-1	7770058	7896022	7884704	7850261	0.89	cps
Terbium	159-2	1445779	1421577	1464394	1443916	1.49	cps
Thallium	203-1	3257764	3313224	3321266	3297418	1.05	cps
Thallium	205-1	7755671	7764185	7858104	7792653	0.73	cps
Tin	118-1	2723839	2748693	2740964	2737832	0.46	cps
Titanium	47-1	397075	402979	405003	401686	1.03	cps
Uranium	238-1	10857340	10909791	10875348	10880826	0.24	cps
Vanadium	51-2	223344	219435	226070	222949	1.50	cps
Yttrium	89-1	5968524	6021893	5935320	5975246	0.73	cps
Yttrium	89-2	168684	168279	170138	169033	0.58	cps
Zinc	66-2	104308	103657	104251	104072	0.35	cps
Zirconium	90-1	5685752	5848148	5722015	5751972	1.48	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:13:25	DataFile Name :	009CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1269247	1283531	1276248	1276342	0.56	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:16:42	DataFile Name :	010CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83017	79456	82959	81811	2.49	cps
Antimony	121-1	7950770	7928322	7983678	7954256	0.35	cps
Arsenic	75-2	74002	74041	73485	73843	0.42	cps
Barium	135-1	8412855	8429590	8348262	8396902	0.51	cps
Barium	137-1	14874273	14825702	14873975	14857983	0.19	cps
Beryllium	9-1	857980	856772	856436	857063	0.09	cps
Bismuth	209-1	5091760	5136585	5224290	5150878	1.31	cps
Bismuth	209-2	1193231	1200568	1203001	1198933	0.42	cps
Boron	10-1	98209	100098	100896	99734	1.38	cps
Boron	11-1	464472	472734	484147	473785	2.09	cps
Cadmium	111-1	1660016	1657992	1690570	1669526	1.09	cps
Cadmium	106-1	170034	168845	169891	169590	0.38	cps
Cadmium	108-1	115422	115519	117048	115996	0.79	cps
Calcium	43-1	1524970	1528597	1534626	1529398	0.32	cps
Calcium	44-1	24714867	24821019	24747048	24760978	0.22	cps
Chromium	52-2	574239	575454	573821	574505	0.15	cps
Cobalt	59-2	1269277	1262448	1270675	1267467	0.35	cps
Copper	63-2	2275015	2299465	2286716	2287065	0.53	cps
Dysprosium	156-1	208	100	150	153	35.49	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	75	67	108	83	26.46	cps
Erbium	164-2	20	17	7	14	48.02	cps
Gadolinium	160-1	108	117	133	119	10.66	cps
Gadolinium	160-2	20	27	17	21	24.12	cps
Holmium	165-1	7673314	7720585	7807153	7733684	0.88	cps
Holmium	165-2	1483063	1481011	1492311	1485461	0.41	cps
Indium	115-1	5629108	5668236	5775612	5690985	1.33	cps
Indium	115-2	216985	215833	216572	216464	0.27	cps
Iron	56-2	19941819	19959077	19977942	19959613	0.09	cps
Iron	57-2	507742	503332	507812	506295	0.51	cps
Lead	206-1	5370077	5399077	5405043	5391399	0.35	cps
Lead	207-1	4890017	4972219	5012698	4958311	1.26	cps
Lead	208-1	22057469	22198561	22297862	22184630	0.54	cps
Lithium	6-1	858478	869282	881773	869844	1.34	cps
Magnesium	24-2	2024047	1974719	1998257	1999008	1.23	cps
Manganese	55-2	324616	325015	324867	324832	0.06	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:16:42 DataFile Name : 010CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5982232	5976485	6020383	5993033	0.40	cps
Molybdenum	95-1	3263199	3263880	3327942	3285007	1.13	cps
Molybdenum	96-1	4260166	4245908	4315493	4273855	0.86	cps
Molybdenum	97-1	2031168	2046615	2063687	2047157	0.79	cps
Molybdenum	98-1	5306749	5307531	5318647	5310975	0.13	cps
Neodymium	150-1	280	293	260	278	6.04	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	372209	373613	373512	373111	0.21	cps
Phosphorus	31-2	5768	5977	5418	5721	4.93	cps
Potassium	39-2	541275	540702	543882	541953	0.31	cps
Rhodium	103-1	5242986	5246875	5371730	5287197	1.39	cps
Rhodium	103-2	1262362	1274473	1271717	1269517	0.50	cps
Scandium	45-1	2989088	3012071	3064985	3022048	1.29	cps
Scandium	45-2	21220	21353	21857	21477	1.57	cps
Selenium	77-2	497	443	450	463	6.27	cps
Selenium	78-2	1648	1774	1650	1691	4.27	cps
Selenium	82-1	98804	99265	100087	99385	0.65	cps
Silicon	28-1	2863957	2863753	2898216	2875309	0.69	cps
Silver	109-1	7571676	7655637	7757154	7661489	1.21	cps
Silver	107-1	8018278	7981061	8101724	8033688	0.77	cps
Sodium	23-2	4495291	4492727	4523733	4503917	0.38	cps
Strontium	86-1	2045580	2038805	2068877	2051087	0.77	cps
Strontium	88-1	17357131	17471780	17664739	17497883	0.89	cps
Sulfur	34-1	733219	733868	731066	732718	0.20	cps
Terbium	159-1	7959086	8067964	8094889	8040646	0.89	cps
Terbium	159-2	1446146	1452210	1461922	1453426	0.55	cps
Thallium	203-1	6617331	6689188	6659739	6655419	0.54	cps
Thallium	205-1	15740695	15886699	16022397	15883264	0.89	cps
Tin	118-1	5414744	5449313	5468720	5444259	0.50	cps
Titanium	47-1	777571	778287	779009	778289	0.09	cps
Uranium	238-1	22700035	22546281	22800716	22682344	0.56	cps
Vanadium	51-2	429148	428841	427161	428383	0.25	cps
Yttrium	89-1	5975681	5941024	6108719	6008475	1.47	cps
Yttrium	89-2	164328	164159	163458	163982	0.28	cps
Zinc	66-2	197738	198984	198120	198281	0.32	cps
Zirconium	90-1	11420202	11370782	11703370	11498118	1.56	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:16:42	DataFile Name :	010CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2569562	2561031	2608413	2579669	0.98	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CAL_S_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	462591	462860	464397	463283	0.21	cps
Antimony	121-1	9337	9829	10113	9760	4.02	cps
Arsenic	75-2	22	22	33	26	24.74	cps
Barium	135-1	2517	2217	2317	2350	6.50	cps
Barium	137-1	4176	3842	3992	4004	4.17	cps
Beryllium	9-1	294	294	239	276	11.62	cps
Bismuth	209-1	4830952	4825885	4803107	4819982	0.31	cps
Bismuth	209-2	1155224	1159339	1159069	1157877	0.20	cps
Boron	10-1	5001	4167	4159	4443	10.89	cps
Boron	11-1	21951	21166	19447	20855	6.14	cps
Cadmium	111-1	1107	1074	1025	1069	3.88	cps
Cadmium	106-1	1233	1142	1192	1189	3.86	cps
Cadmium	108-1	21	13	38	24	53.92	cps
Calcium	43-1	7772508	7875569	7866880	7838319	0.73	cps
Calcium	44-1	128125274	128337749	130141561	128868195	0.86	cps
Chromium	52-2	8569	8870	8756	8732	1.74	cps
Cobalt	59-2	1683	1460	1623	1589	7.27	cps
Copper	63-2	3314	3567	3687	3523	5.41	cps
Dysprosium	156-1	67	58	67	64	7.53	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	0	67	17	28	124.89	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	50	83	58	37.80	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	7601539	7553984	7608958	7588160	0.39	cps
Holmium	165-2	1511208	1506047	1508439	1508565	0.17	cps
Indium	115-1	5575541	5612653	5688719	5625638	1.03	cps
Indium	115-2	229210	230170	229503	229627	0.21	cps
Iron	56-2	105344222	105234086	105306205	105294838	0.05	cps
Iron	57-2	2719430	2719939	2718297	2719222	0.03	cps
Lead	206-1	7447	7603	7441	7497	1.22	cps
Lead	207-1	6530	6313	6280	6374	2.13	cps
Lead	208-1	29753	30054	29820	29876	0.53	cps
Lithium	6-1	876107	882628	886072	881602	0.57	cps
Magnesium	24-2	10740702	10724217	10824909	10763276	0.50	cps
Manganese	55-2	980	1147	1043	1057	7.96	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CAL5_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4993	4651	4909	4851	3.67	cps
Molybdenum	95-1	7569	7361	7327	7419	1.77	cps
Molybdenum	96-1	9954	9187	10379	9840	6.14	cps
Molybdenum	97-1	4251	4543	4701	4498	5.08	cps
Molybdenum	98-1	11931	11289	11055	11425	3.97	cps
Neodymium	150-1	80	80	93	84	9.12	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	4357	3981	4184	4174	4.52	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3041036	3024919	3061569	3042508	0.60	cps
Rhodium	103-1	5110951	5042674	5118298	5090641	0.82	cps
Rhodium	103-2	1255105	1262523	1261196	1259608	0.31	cps
Scandium	45-1	3107002	3137746	3188301	3144350	1.31	cps
Scandium	45-2	23987	24068	23727	23927	0.74	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	22	22	50	31	51.63	cps
Silicon	28-1	542030	566832	572123	560329	2.87	cps
Silver	109-1	958	767	858	861	11.13	cps
Silver	107-1	925	775	967	889	11.34	cps
Sodium	23-2	24538969	24677834	24986333	24734379	0.93	cps
Strontium	86-1	72226	73355	70658	72080	1.88	cps
Strontium	88-1	620520	618137	620791	619816	0.24	cps
Sulfur	34-1	314017	313151	317620	314929	0.75	cps
Terbium	159-1	7862768	7830561	7852724	7848684	0.21	cps
Terbium	159-2	1471612	1466380	1472797	1470263	0.23	cps
Thallium	203-1	3101	2600	2667	2789	9.74	cps
Thallium	205-1	7077	6202	6110	6463	8.26	cps
Tin	118-1	5601	5318	5476	5465	2.60	cps
Titanium	47-1	367	500	525	464	18.35	cps
Uranium	238-1	1242	1042	1058	1114	9.96	cps
Vanadium	51-2	77	63	110	83	28.85	cps
Yttrium	89-1	5961395	5930727	6067705	5986609	1.20	cps
Yttrium	89-2	173837	176456	176025	175439	0.80	cps
Zinc	66-2	1270	1190	1010	1157	11.51	cps
Zirconium	90-1	1509	1500	1617	1542	4.22	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:19:56	DataFile Name :	011CALS_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	317	325	347	13.22	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:25:51 DataFile Name : 012ICV01_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017	2292	2392	2234	8.70	cps
Antimony	121-1	1562157	1569707	1530747	1554204	1.33	cps
Arsenic	75-2	15657	15500	15487	15548	0.61	cps
Barium	135-1	163092	165623	164200	164305	0.77	cps
Barium	137-1	288704	286148	288763	287871	0.52	cps
Beryllium	9-1	88337	90131	89902	89456	1.09	cps
Bismuth	209-1	5141274	5146141	4785974	5024463	4.11	cps
Bismuth	209-2	1249651	1243645	1245551	1246283	0.25	cps
Boron	10-1	48098	49687	49837	49207	1.96	cps
Boron	11-1	227601	234823	239921	234115	2.64	cps
Cadmium	111-1	169120	166384	170917	168807	1.35	cps
Cadmium	106-1	26836	25659	26235	26243	2.24	cps
Cadmium	108-1	15167	14950	14712	14943	1.52	cps
Calcium	43-1	33992	35020	33583	34198	2.17	cps
Calcium	44-1	538204	538997	538049	538417	0.09	cps
Chromium	52-2	62897	62425	62177	62500	0.59	cps
Cobalt	59-2	139123	137870	139052	138682	0.51	cps
Copper	63-2	122194	122427	120964	121862	0.65	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	58	108	78	34.44	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	7594612	7561228	6968628	7374822	4.78	cps
Holmium	165-2	1515163	1497449	1498925	1503846	0.65	cps
Indium	115-1	5836555	5866609	5382606	5695257	4.76	cps
Indium	115-2	237910	234953	235174	236012	0.70	cps
Iron	56-2	431283	432219	433538	432347	0.26	cps
Iron	57-2	10960	10927	11016	10968	0.41	cps
Lead	206-1	1054798	1056880	1072369	1061349	0.90	cps
Lead	207-1	918960	919652	929623	922745	0.65	cps
Lead	208-1	4306638	4318562	4347741	4324313	0.49	cps
Lithium	6-1	936884	924088	869609	910194	3.92	cps
Magnesium	24-2	27310	25741	26442	26498	2.97	cps
Manganese	55-2	17608	17838	18012	17819	1.14	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:25:51	DataFile Name :	012ICV01_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2906499	2884130	2909107	2899912	0.47	cps
Molybdenum	95-1	1561900	1551883	1569029	1560937	0.55	cps
Molybdenum	96-1	2048360	2061187	2051392	2053646	0.33	cps
Molybdenum	97-1	958325	954865	956555	956582	0.18	cps
Molybdenum	98-1	2520080	2521773	2546608	2529487	0.59	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	41412	40977	40853	41081	0.71	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	26643	26033	26108	26262	1.27	cps
Rhodium	103-1	5481251	5507738	5085586	5358191	4.41	cps
Rhodium	103-2	1382237	1361420	1356933	1366863	0.99	cps
Scandium	45-1	3132267	3179925	2955729	3089307	3.82	cps
Scandium	45-2	24578	23800	24121	24167	1.62	cps
Selenium	77-2	127	113	93	111	15.10	cps
Selenium	78-2	435	344	389	390	11.65	cps
Selenium	82-1	19989	20122	19901	20004	0.56	cps
Silicon	28-1	1634887	1618826	1637637	1630450	0.62	cps
Silver	109-1	764809	763991	775571	768124	0.84	cps
Silver	107-1	806063	814203	808447	809571	0.52	cps
Sodium	23-2	105582	106119	105850	105850	0.25	cps
Strontium	86-1	967109	971940	976252	971767	0.47	cps
Strontium	88-1	8336125	8409993	8437895	8394671	0.63	cps
Sulfur	34-1	317142	317317	311804	315421	0.99	cps
Terbium	159-1	7830205	7858102	7381289	7689866	3.48	cps
Terbium	159-2	1480423	1467993	1472543	1473653	0.43	cps
Thallium	203-1	1323866	1316951	1317165	1319327	0.30	cps
Thallium	205-1	3191740	3192226	3249654	3211206	1.04	cps
Tin	118-1	2595439	2633256	2660117	2629604	1.24	cps
Titanium	47-1	379071	383814	382572	381819	0.64	cps
Uranium	238-1	10995406	10962140	11089567	11015704	0.60	cps
Vanadium	51-2	45597	46601	46283	46160	1.11	cps
Yttrium	89-1	6008689	6043092	5556741	5869508	4.62	cps
Yttrium	89-2	175508	174214	175503	175075	0.43	cps
Zinc	66-2	21867	21493	21704	21688	0.86	cps
Zirconium	90-1	5408377	5430358	5447345	5428693	0.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:25:51	DataFile Name :	012ICV01_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1198369	1207271	1217728	1207789	0.80	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:28:59	DataFile Name :	013CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	975	1033	1167	1058	9.28	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	67	42	50	53	24.12	cps
Beryllium	9-1	117	122	78	106	22.94	cps
Bismuth	209-1	5049374	5078032	5095365	5074257	0.46	cps
Bismuth	209-2	1235942	1225652	1236484	1232693	0.50	cps
Boron	10-1	2650	2225	2225	2367	10.37	cps
Boron	11-1	11322	10946	10279	10849	4.87	cps
Cadmium	111-1	810	701	883	798	11.51	cps
Cadmium	106-1	1142	1000	1208	1117	9.53	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	1200	1192	1108	1167	4.34	cps
Calcium	44-1	13841	13273	13332	13482	2.31	cps
Chromium	52-2	727	710	607	681	9.54	cps
Cobalt	59-2	30	37	30	32	11.95	cps
Copper	63-2	130	137	123	130	5.13	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	7444222	7436236	7493970	7458143	0.42	cps
Holmium	165-2	1490801	1481652	1475106	1482519	0.53	cps
Indium	115-1	5810047	5844392	5874769	5843069	0.55	cps
Indium	115-2	238028	237268	237222	237506	0.19	cps
Iron	56-2	2195	1945	2072	2071	6.04	cps
Iron	57-2	39	56	56	50	19.25	cps
Lead	206-1	800	811	883	832	5.44	cps
Lead	207-1	811	689	722	741	8.53	cps
Lead	208-1	3317	3022	3045	3128	5.24	cps
Lithium	6-1	892397	897310	891993	893900	0.33	cps
Magnesium	24-2	125	75	133	111	28.40	cps
Manganese	55-2	17	13	30	20	44.10	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 14:28:59 DataFile Name : 013CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	267	333	300	11.11	cps
Molybdenum	95-1	300	217	183	233	25.76	cps
Molybdenum	96-1	258	317	317	297	11.33	cps
Molybdenum	97-1	175	167	117	153	20.65	cps
Molybdenum	98-1	392	358	325	358	9.30	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	70	60	69	12.18	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	1984	2242	2159	2128	6.20	cps
Rhodium	103-1	5449995	5463600	5490087	5467894	0.37	cps
Rhodium	103-2	1357750	1345877	1347594	1350407	0.48	cps
Scandium	45-1	3138250	3153771	3123720	3138580	0.48	cps
Scandium	45-2	23934	23139	23580	23551	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	57	-51	-10	-1	-3893.67	cps
Silicon	28-1	322520	321059	325534	323038	0.71	cps
Silver	109-1	117	167	133	139	18.33	cps
Silver	107-1	192	175	200	189	6.74	cps
Sodium	23-2	6685	7469	6719	6958	6.37	cps
Strontium	86-1	508	617	400	508	21.31	cps
Strontium	88-1	467	542	592	533	11.80	cps
Sulfur	34-1	311055	312800	308257	310704	0.74	cps
Terbium	159-1	7733661	7787566	7733488	7751571	0.40	cps
Terbium	159-2	1464318	1451783	1443431	1453177	0.72	cps
Thallium	203-1	825	933	825	861	7.26	cps
Thallium	205-1	2042	2042	1767	1950	8.14	cps
Tin	118-1	1419	817	925	1054	30.46	cps
Titanium	47-1	92	117	108	106	12.06	cps
Uranium	238-1	150	208	208	189	17.83	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	5993614	5947831	5984613	5975353	0.41	cps
Yttrium	89-2	176108	174583	173735	174809	0.69	cps
Zinc	66-2	150	133	120	134	11.18	cps
Zirconium	90-1	400	542	533	492	16.17	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:28:59	DataFile Name :	013CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	142	125	106	46.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389513	397872	391832	393072	1.10	cps
Antimony	121-1	8520	8687	9304	8837	4.67	cps
Arsenic	75-2	33	20	17	23	37.30	cps
Barium	135-1	2592	2634	2384	2536	5.28	cps
Barium	137-1	3959	4276	4368	4201	5.10	cps
Beryllium	9-1	372	344	322	346	7.24	cps
Bismuth	209-1	5008874	4954857	4968668	4977466	0.56	cps
Bismuth	209-2	1166576	1168926	1161052	1165518	0.35	cps
Boron	10-1	1709	1725	1734	1722	0.74	cps
Boron	11-1	8428	8019	7853	8100	3.65	cps
Cadmium	111-1	1018	1317	1239	1191	13.02	cps
Cadmium	106-1	992	1133	1133	1086	7.53	cps
Cadmium	108-1	913	829	846	863	5.11	cps
Calcium	43-1	1483814	1478090	1471443	1477782	0.42	cps
Calcium	44-1	23862922	24029904	23885111	23925979	0.38	cps
Chromium	52-2	12499	12372	12646	12506	1.09	cps
Cobalt	59-2	1540	1637	1583	1587	3.05	cps
Copper	63-2	9026	8880	9033	8980	0.97	cps
Dysprosium	156-1	50	42	25	39	32.73	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	7	13	27	16	65.47	cps
Holmium	165-1	7478097	7627875	7565516	7557163	1.00	cps
Holmium	165-2	1466545	1481645	1465783	1471324	0.61	cps
Indium	115-1	5715548	5711941	5780421	5735970	0.67	cps
Indium	115-2	226293	227326	224488	226035	0.64	cps
Iron	56-2	40041718	40088008	39993711	40041145	0.12	cps
Iron	57-2	1016899	1021320	1018224	1018814	0.22	cps
Lead	206-1	26712	25420	24775	25636	3.85	cps
Lead	207-1	20918	19911	20467	20432	2.47	cps
Lead	208-1	99598	95916	95681	97065	2.26	cps
Lithium	6-1	837722	831716	833747	834395	0.37	cps
Magnesium	24-2	2022286	2015918	1995818	2011341	0.69	cps
Manganese	55-2	1443	1357	1163	1321	10.85	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3477184	3498568	3484293	3486681	0.31	cps
Molybdenum	95-1	6064027	6065086	6106499	6078537	0.40	cps
Molybdenum	96-1	6650263	6609579	6554311	6604718	0.73	cps
Molybdenum	97-1	3840177	3850075	3846114	3845455	0.13	cps
Molybdenum	98-1	9852375	9859285	9936167	9882609	0.47	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	2204	2040	2010	2085	4.99	cps
Phosphorus	31-2	29231	29131	28046	28803	2.28	cps
Potassium	39-2	1105941	1113391	1101679	1107004	0.54	cps
Rhodium	103-1	5242472	5205242	5249726	5232480	0.46	cps
Rhodium	103-2	1281488	1280009	1270920	1277473	0.45	cps
Scandium	45-1	3028618	3008062	3078968	3038549	1.20	cps
Scandium	45-2	22458	23136	22735	22776	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	30	27	5	21	65.45	cps
Silicon	28-1	406343	404711	408053	406369	0.41	cps
Silver	109-1	825	750	900	825	9.09	cps
Silver	107-1	858	825	925	870	5.86	cps
Sodium	23-2	4509162	4547511	4545316	4533996	0.47	cps
Strontium	86-1	67836	67124	67451	67470	0.53	cps
Strontium	88-1	580968	583026	582294	582096	0.18	cps
Sulfur	34-1	1913281	1920187	1935733	1923067	0.60	cps
Terbium	159-1	7849160	7861343	7853966	7854823	0.08	cps
Terbium	159-2	1433795	1433137	1426121	1431018	0.30	cps
Thallium	203-1	1267	1358	1342	1322	3.69	cps
Thallium	205-1	3076	3284	3817	3392	11.28	cps
Tin	118-1	1600	1517	1392	1503	6.98	cps
Titanium	47-1	1509427	1513100	1549952	1524160	1.47	cps
Uranium	238-1	475	383	450	436	10.87	cps
Vanadium	51-2	90	77	73	80	11.02	cps
Yttrium	89-1	5974530	5893721	6031537	5966596	1.16	cps
Yttrium	89-2	168127	172419	169220	169922	1.31	cps
Zinc	66-2	1263	1177	1277	1239	4.38	cps
Zirconium	90-1	825	858	742	808	7.43	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:32:12	DataFile Name :	014ICSA01_P8103117-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	200	200	189	10.19	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418652	422079	416707	419146	0.65	cps
Antimony	121-1	155419	161830	150702	155984	3.58	cps
Arsenic	75-2	1595	1604	1626	1608	1.01	cps
Barium	135-1	33903	35515	32641	34020	4.23	cps
Barium	137-1	59744	63319	58891	60651	3.87	cps
Beryllium	9-1	17049	17817	16504	17124	3.85	cps
Bismuth	209-1	4581104	4794765	4536762	4637543	2.97	cps
Bismuth	209-2	1176566	1180177	1193753	1183499	0.77	cps
Boron	10-1	1492	1508	1300	1433	8.08	cps
Boron	11-1	6518	6619	6427	6521	1.47	cps
Cadmium	111-1	31962	33231	31317	32170	3.03	cps
Cadmium	106-1	3842	4059	3801	3901	3.56	cps
Cadmium	108-1	2621	2713	2684	2673	1.75	cps
Calcium	43-1	1473698	1519468	1438731	1477299	2.74	cps
Calcium	44-1	23785564	25075472	23464748	24108594	3.54	cps
Chromium	52-2	25427	25741	25817	25662	0.81	cps
Cobalt	59-2	29281	29588	29508	29459	0.54	cps
Copper	63-2	33430	33858	33988	33759	0.86	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	58	100	33	64	52.72	cps
Gadolinium	160-2	13	20	3	12	68.66	cps
Holmium	165-1	7114282	7448019	7008492	7190264	3.19	cps
Holmium	165-2	1499298	1496192	1495494	1496995	0.14	cps
Indium	115-1	5498898	5778080	5382351	5553109	3.66	cps
Indium	115-2	239027	235497	234815	236447	0.96	cps
Iron	56-2	42303591	42524640	43065070	42631100	0.92	cps
Iron	57-2	1065186	1074810	1074871	1071622	0.52	cps
Lead	206-1	122306	125358	116856	121507	3.54	cps
Lead	207-1	102697	105771	97965	102144	3.85	cps
Lead	208-1	472144	489013	453392	471517	3.78	cps
Lithium	6-1	802405	842187	793013	812535	3.21	cps
Magnesium	24-2	2152368	2164558	2126055	2147660	0.92	cps
Manganese	55-2	5031	5014	4911	4985	1.30	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3364335	3497235	3370246	3410606	2.20	cps
Molybdenum	95-1	5837646	6167617	5821360	5942208	3.29	cps
Molybdenum	96-1	6400716	6675802	6347469	6474662	2.72	cps
Molybdenum	97-1	3686032	3833516	3669883	3729810	2.42	cps
Molybdenum	98-1	9447296	9827639	9421559	9565498	2.38	cps
Neodymium	150-1	20	53	27	33	52.92	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	10294	10341	10577	10404	1.46	cps
Phosphorus	31-2	31803	31828	31218	31617	1.09	cps
Potassium	39-2	1212333	1231170	1217528	1220344	0.80	cps
Rhodium	103-1	5092336	5249935	5020087	5120786	2.30	cps
Rhodium	103-2	1317820	1319153	1327466	1321480	0.40	cps
Scandium	45-1	2980772	3211455	2969498	3053908	4.47	cps
Scandium	45-2	23894	24395	24722	24337	1.71	cps
Selenium	77-2	23	10	10	14	53.28	cps
Selenium	78-2	33	30	44	36	21.54	cps
Selenium	82-1	1851	1987	1923	1920	3.55	cps
Silicon	28-1	426282	436635	428469	430462	1.27	cps
Silver	109-1	137722	147055	134315	139697	4.72	cps
Silver	107-1	145672	150652	142785	146370	2.72	cps
Sodium	23-2	4852843	4856291	4852460	4853865	0.04	cps
Strontium	86-1	65474	69979	64587	66680	4.34	cps
Strontium	88-1	565524	598385	555969	573293	3.88	cps
Sulfur	34-1	1938265	2028474	1911509	1959416	3.13	cps
Terbium	159-1	7451459	7743975	7327471	7507635	2.85	cps
Terbium	159-2	1456073	1464397	1459047	1459839	0.29	cps
Thallium	203-1	122175	125078	117615	121623	3.09	cps
Thallium	205-1	288716	297929	283756	290133	2.48	cps
Tin	118-1	1500	1508	1517	1508	0.55	cps
Titanium	47-1	1507870	1578008	1497689	1527856	2.86	cps
Uranium	238-1	417	367	375	386	6.94	cps
Vanadium	51-2	9633	9273	9277	9394	2.20	cps
Yttrium	89-1	5721091	6097067	5688034	5835397	3.89	cps
Yttrium	89-2	178205	179435	178945	178862	0.35	cps
Zinc	66-2	3310	3137	3470	3306	5.04	cps
Zirconium	90-1	675	925	725	775	17.07	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:35:19	DataFile Name :	015ICSB_P8103117-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	233	125	169	33.48	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246042	244072	244428	244847	0.43	cps
Antimony	121-1	4033335	3990094	3995154	4006194	0.59	cps
Arsenic	75-2	41445	41652	41399	41499	0.32	cps
Barium	135-1	4331736	4271674	4299497	4300969	0.70	cps
Barium	137-1	7455924	7484540	7476818	7472428	0.20	cps
Beryllium	9-1	452514	453727	453431	453224	0.14	cps
Bismuth	209-1	4839884	4867705	4827547	4845045	0.42	cps
Bismuth	209-2	1205210	1204199	1198747	1202719	0.29	cps
Boron	10-1	50933	50432	52740	51368	2.36	cps
Boron	11-1	243759	250748	252748	249085	1.89	cps
Cadmium	111-1	828163	819032	820839	822678	0.59	cps
Cadmium	106-1	85555	86000	86200	85918	0.38	cps
Cadmium	108-1	57987	57493	57916	57799	0.46	cps
Calcium	43-1	4042592	4037362	4021857	4033937	0.27	cps
Calcium	44-1	66459649	66078218	66303347	66280405	0.29	cps
Chromium	52-2	338916	337472	339059	338482	0.26	cps
Cobalt	59-2	711784	708917	705794	708832	0.42	cps
Copper	63-2	1231042	1226171	1224303	1227172	0.28	cps
Dysprosium	156-1	142	100	142	128	18.83	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	92	58	83	78	22.30	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	133	108	108	117	12.37	cps
Gadolinium	160-2	13	37	30	27	45.08	cps
Holmium	165-1	7508306	7547591	7552424	7536107	0.32	cps
Holmium	165-2	1550205	1540155	1527561	1539307	0.74	cps
Indium	115-1	5783848	5670472	5719408	5724576	0.99	cps
Indium	115-2	237260	237502	234724	236495	0.65	cps
Iron	56-2	54917133	54924655	54685694	54842494	0.25	cps
Iron	57-2	1389165	1392585	1395936	1392562	0.24	cps
Lead	206-1	2637865	2658521	2587221	2627869	1.40	cps
Lead	207-1	2407384	2385220	2413745	2402116	0.62	cps
Lead	208-1	10742482	10714264	10724709	10727152	0.13	cps
Lithium	6-1	865754	874451	880340	873515	0.84	cps
Magnesium	24-2	5698327	5721857	5726190	5715458	0.26	cps
Manganese	55-2	188859	188108	187928	188298	0.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3214824	3102129	3152739	3156564	1.79	cps
Molybdenum	95-1	1711165	1695685	1723717	1710189	0.82	cps
Molybdenum	96-1	2221139	2197040	2237182	2218454	0.91	cps
Molybdenum	97-1	1045564	1033777	1050302	1043214	0.82	cps
Molybdenum	98-1	2760546	2747233	2757676	2755152	0.25	cps
Neodymium	150-1	313	273	313	300	7.70	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	209947	209431	208303	209227	0.40	cps
Phosphorus	31-2	3501	3292	3617	3470	4.75	cps
Potassium	39-2	1658182	1638045	1643611	1646613	0.63	cps
Rhodium	103-1	5250711	5234716	5313338	5266255	0.79	cps
Rhodium	103-2	1325926	1327725	1312235	1321962	0.64	cps
Scandium	45-1	3235951	3232139	3249480	3239190	0.28	cps
Scandium	45-2	25600	25443	25590	25545	0.34	cps
Selenium	77-2	267	317	253	279	11.97	cps
Selenium	78-2	1004	956	970	977	2.53	cps
Selenium	82-1	50839	50908	51703	51150	0.94	cps
Silicon	28-1	1798311	1808347	1796736	1801131	0.35	cps
Silver	109-1	3889885	3870875	3892015	3884258	0.30	cps
Silver	107-1	4074519	4074855	4085570	4078315	0.15	cps
Sodium	23-2	13038383	13006788	13116297	13053823	0.43	cps
Strontium	86-1	1083743	1087847	1079642	1083744	0.38	cps
Strontium	88-1	9346689	9407677	9339708	9364691	0.40	cps
Sulfur	34-1	534291	536471	538004	536255	0.35	cps
Terbium	159-1	7914351	7761364	7904425	7860046	1.09	cps
Terbium	159-2	1509304	1499577	1484328	1497736	0.84	cps
Thallium	203-1	3228940	3238127	3208343	3225137	0.47	cps
Thallium	205-1	7661960	7593799	7546399	7600719	0.76	cps
Tin	118-1	2760308	2779227	2766466	2768667	0.35	cps
Titanium	47-1	419629	422072	420266	420655	0.30	cps
Uranium	238-1	10800463	10820938	10819920	10813774	0.11	cps
Vanadium	51-2	249599	250891	249931	250140	0.27	cps
Yttrium	89-1	6106428	6088983	6220997	6138803	1.17	cps
Yttrium	89-2	181812	181646	180086	181181	0.53	cps
Zinc	66-2	111450	110936	111036	111140	0.25	cps
Zirconium	90-1	5968026	6019255	6008196	5998492	0.45	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:38:28	DataFile Name :	016CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1327886	1319377	1322178	1323147	0.33	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	1950	1800	2109	1953	7.90	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	142	75	33	83	65.58	cps
Barium	137-1	108	117	83	103	16.88	cps
Beryllium	9-1	161	161	150	157	4.08	cps
Bismuth	209-1	5015484	5074827	5043235	5044515	0.59	cps
Bismuth	209-2	1204273	1173793	1250277	1209448	3.18	cps
Boron	10-1	2359	2284	1825	2156	13.40	cps
Boron	11-1	10313	10479	9303	10032	6.34	cps
Cadmium	111-1	1016	998	832	948	10.70	cps
Cadmium	106-1	1317	1300	1125	1247	8.51	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	1175	1108	1200	1161	4.08	cps
Calcium	44-1	13782	14341	14149	14091	2.02	cps
Chromium	52-2	663	633	727	674	7.07	cps
Cobalt	59-2	40	40	37	39	4.94	cps
Copper	63-2	210	167	187	188	11.55	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	17	58	33	36	58.08	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7477672	7451292	7416719	7448561	0.41	cps
Holmium	165-2	1465416	1422276	1509835	1465843	2.99	cps
Indium	115-1	5943474	5870679	5838802	5884319	0.91	cps
Indium	115-2	234751	226959	240718	234143	2.95	cps
Iron	56-2	1928	1967	1722	1872	7.02	cps
Iron	57-2	78	56	33	56	40.00	cps
Lead	206-1	1083	1128	1061	1091	3.11	cps
Lead	207-1	917	900	1122	980	12.63	cps
Lead	208-1	4417	4495	4706	4539	3.29	cps
Lithium	6-1	896074	885926	884618	888873	0.71	cps
Magnesium	24-2	150	125	75	117	32.74	cps
Manganese	55-2	20	10	13	14	35.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	500	525	511	2.49	cps
Molybdenum	95-1	400	275	383	353	19.24	cps
Molybdenum	96-1	458	442	367	422	11.56	cps
Molybdenum	97-1	233	258	308	267	14.32	cps
Molybdenum	98-1	725	608	533	622	15.52	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	60	50	58	12.01	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2417	2142	2142	2234	7.11	cps
Rhodium	103-1	5547798	5529801	5492938	5523512	0.51	cps
Rhodium	103-2	1330447	1296939	1377535	1334974	3.03	cps
Scandium	45-1	3184908	3179011	3141763	3168560	0.74	cps
Scandium	45-2	23964	22886	24478	23776	3.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	29	25	5	20	66.75	cps
Silicon	28-1	328253	325474	327646	327124	0.45	cps
Silver	109-1	425	475	433	444	6.03	cps
Silver	107-1	392	400	442	411	6.51	cps
Sodium	23-2	7836	8311	7577	7908	4.71	cps
Strontium	86-1	600	467	575	547	12.95	cps
Strontium	88-1	250	300	267	272	9.35	cps
Sulfur	34-1	310620	308088	306019	308242	0.75	cps
Terbium	159-1	7778104	7808799	7771019	7785974	0.26	cps
Terbium	159-2	1423667	1392712	1474839	1430406	2.90	cps
Thallium	203-1	1108	1167	1083	1120	3.82	cps
Thallium	205-1	2809	2509	2367	2561	8.81	cps
Tin	118-1	833	808	767	803	4.20	cps
Titanium	47-1	208	125	158	164	25.59	cps
Uranium	238-1	292	225	250	256	13.18	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	6086174	5983979	6023668	6031274	0.85	cps
Yttrium	89-2	171720	166771	178227	172239	3.34	cps
Zinc	66-2	87	83	83	84	2.28	cps
Zirconium	90-1	617	742	683	681	9.19	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:41:30	DataFile Name :	017CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	117	175	144	20.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	108	67	97	27.55	cps
Antimony	121-1	15301	14934	14667	14967	2.13	cps
Arsenic	75-2	76	72	98	82	17.08	cps
Barium	135-1	16002	15601	15017	15540	3.19	cps
Barium	137-1	27571	27730	27630	27644	0.29	cps
Beryllium	9-1	911	1133	972	1006	11.42	cps
Bismuth	209-1	5115433	5057045	5084831	5085770	0.57	cps
Bismuth	209-2	1263848	1256539	1262280	1260889	0.31	cps
Boron	10-1	3217	3551	3601	3456	6.03	cps
Boron	11-1	15843	16435	16310	16196	1.93	cps
Cadmium	111-1	2309	2353	2426	2363	2.51	cps
Cadmium	106-1	1342	1317	1308	1322	1.31	cps
Cadmium	108-1	133	146	75	118	32.03	cps
Calcium	43-1	8428	7694	8345	8156	4.93	cps
Calcium	44-1	126887	127829	127491	127402	0.37	cps
Chromium	52-2	1897	1960	1950	1936	1.76	cps
Cobalt	59-2	1257	1347	1390	1331	5.11	cps
Copper	63-2	2464	2550	2357	2457	3.94	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	67	25	33	42	52.92	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	7547340	7602379	7632806	7594175	0.57	cps
Holmium	165-2	1532657	1519154	1512755	1521522	0.67	cps
Indium	115-1	5952830	5850716	5952117	5918555	0.99	cps
Indium	115-2	245772	244820	243162	244585	0.54	cps
Iron	56-2	21868	21645	21951	21821	0.73	cps
Iron	57-2	644	561	533	580	9.98	cps
Lead	206-1	5890	5796	6235	5974	3.87	cps
Lead	207-1	5257	5240	5579	5359	3.57	cps
Lead	208-1	23899	23698	24382	23993	1.46	cps
Lithium	6-1	908641	896979	911222	905614	0.84	cps
Magnesium	24-2	10529	10554	10529	10538	0.14	cps
Manganese	55-2	223	160	210	198	16.88	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13207	12131	12223	12520	4.76	cps
Molybdenum	95-1	14650	14575	14675	14634	0.36	cps
Molybdenum	96-1	16528	16444	17112	16694	2.18	cps
Molybdenum	97-1	9245	9554	9220	9340	1.99	cps
Molybdenum	98-1	24139	24148	24531	24273	0.92	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	437	443	487	456	5.96	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	7969	7853	7886	7903	0.76	cps
Rhodium	103-1	5584096	5511427	5562200	5552574	0.67	cps
Rhodium	103-2	1393056	1389763	1385737	1389519	0.26	cps
Scandium	45-1	3209070	3189669	3246438	3215059	0.90	cps
Scandium	45-2	24972	24118	24455	24515	1.76	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	17	9	17	14	30.13	cps
Selenium	82-1	471	476	481	476	1.04	cps
Silicon	28-1	364975	364216	362495	363895	0.35	cps
Silver	109-1	7761	7594	7244	7533	3.50	cps
Silver	107-1	8086	7486	7869	7814	3.89	cps
Sodium	23-2	31043	30225	30600	30623	1.34	cps
Strontium	86-1	2525	2267	2267	2353	6.34	cps
Strontium	88-1	16686	16853	16803	16780	0.51	cps
Sulfur	34-1	305476	309350	311597	308808	1.00	cps
Terbium	159-1	7909480	7818498	7877359	7868446	0.59	cps
Terbium	159-2	1494948	1482160	1481305	1486138	0.51	cps
Thallium	203-1	6710	6402	6710	6608	2.70	cps
Thallium	205-1	15702	15569	15836	15702	0.85	cps
Tin	118-1	25408	25200	26101	25570	1.85	cps
Titanium	47-1	3784	3717	3942	3815	3.03	cps
Uranium	238-1	19358	18715	19074	19049	1.69	cps
Vanadium	51-2	2300	2150	2017	2156	6.58	cps
Yttrium	89-1	6119017	6087598	6092308	6099641	0.28	cps
Yttrium	89-2	178517	179745	179651	179304	0.38	cps
Zinc	66-2	230	307	320	286	17.01	cps
Zirconium	90-1	10980	11247	11097	11108	1.20	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 14:44:41	DataFile Name :	018SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2542	2325	2367	2411	4.77	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : PB103854BL Instrumnet Name : P8
 Client Sample ID : PB103854BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 15:08:34 DataFile Name : 019CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	258	217	200	225	13.35	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	8	8	25	14	69.31	cps
Barium	137-1	50	8	25	28	75.51	cps
Beryllium	9-1	72	56	50	59	19.51	cps
Bismuth	209-1	4864206	4888421	4951935	4901521	0.92	cps
Bismuth	209-2	1248435	1243684	1245411	1245843	0.19	cps
Boron	10-1	383	392	517	431	17.35	cps
Boron	11-1	1984	2034	1909	1975	3.19	cps
Cadmium	111-1	656	796	718	723	9.70	cps
Cadmium	106-1	933	1133	1008	1025	9.86	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	1192	1075	1092	1120	5.64	cps
Calcium	44-1	12915	12715	12156	12595	3.12	cps
Chromium	52-2	637	637	653	642	1.50	cps
Cobalt	59-2	33	43	57	44	26.35	cps
Copper	63-2	123	127	67	106	31.94	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	7215840	7151789	7243649	7203759	0.65	cps
Holmium	165-2	1506499	1503118	1516787	1508801	0.47	cps
Indium	115-1	5724110	5791973	5736246	5750776	0.63	cps
Indium	115-2	246920	245070	246544	246178	0.40	cps
Iron	56-2	1328	1145	1267	1246	7.49	cps
Iron	57-2	44	39	28	37	22.91	cps
Lead	206-1	539	606	594	580	6.16	cps
Lead	207-1	506	522	567	532	5.94	cps
Lead	208-1	2389	2461	2561	2471	3.50	cps
Lithium	6-1	847292	847684	846261	847079	0.09	cps
Magnesium	24-2	167	158	133	153	11.35	cps
Manganese	55-2	23	17	7	16	53.90	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BL	Instrumnet Name :	P8
Client Sample ID :	PB103854BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:08:34	DataFile Name :	019CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	167	233	219	21.59	cps
Molybdenum	95-1	58	25	42	42	40.00	cps
Molybdenum	96-1	100	117	133	117	14.28	cps
Molybdenum	97-1	75	42	67	61	28.38	cps
Molybdenum	98-1	58	92	75	75	22.22	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	63	67	62	8.18	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2175	2309	2325	2270	3.62	cps
Rhodium	103-1	5417744	5412073	5435321	5421713	0.22	cps
Rhodium	103-2	1382211	1381455	1383324	1382330	0.07	cps
Scandium	45-1	3151848	3136455	3164079	3150794	0.44	cps
Scandium	45-2	25580	25403	24795	25260	1.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	2	-82	-42	-41	-102.54	cps
Silicon	28-1	329417	324926	325967	326770	0.72	cps
Silver	109-1	167	100	167	144	26.65	cps
Silver	107-1	150	133	100	128	19.92	cps
Sodium	23-2	5543	5360	5176	5360	3.42	cps
Strontium	86-1	400	475	492	456	10.72	cps
Strontium	88-1	92	117	158	122	27.56	cps
Sulfur	34-1	311778	315175	314424	313792	0.57	cps
Terbium	159-1	7592425	7544450	7599445	7578773	0.39	cps
Terbium	159-2	1471538	1473674	1474387	1473199	0.10	cps
Thallium	203-1	375	208	325	303	28.25	cps
Thallium	205-1	750	675	658	694	7.03	cps
Tin	118-1	392	375	575	447	24.81	cps
Titanium	47-1	117	142	125	128	9.97	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	10	20	7	12	56.76	cps
Yttrium	89-1	5921619	5942048	5943950	5935872	0.21	cps
Yttrium	89-2	181934	182024	180778	181578	0.38	cps
Zinc	66-2	53	47	63	54	15.40	cps
Zirconium	90-1	317	383	433	378	15.49	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BL	Instrumnet Name :	P8
Client Sample ID :	PB103854BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:08:34	DataFile Name :	019CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	75	158	106	43.48	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49203	47514	47380	48032	2.11	cps
Antimony	121-1	3954905	3931364	3937443	3941238	0.31	cps
Arsenic	75-2	41237	41302	41492	41344	0.32	cps
Barium	135-1	4136438	4142996	4186812	4155415	0.66	cps
Barium	137-1	7163919	7252199	7263729	7226616	0.76	cps
Beryllium	9-1	439999	440479	439520	439999	0.11	cps
Bismuth	209-1	4804910	4867552	4875954	4849472	0.80	cps
Bismuth	209-2	1235086	1230049	1228216	1231117	0.29	cps
Boron	10-1	47747	51501	50139	49796	3.82	cps
Boron	11-1	228478	238698	240899	236025	2.81	cps
Cadmium	111-1	819301	820031	820271	819868	0.06	cps
Cadmium	106-1	84464	85706	84405	84858	0.87	cps
Cadmium	108-1	57138	58259	56824	57407	1.31	cps
Calcium	43-1	781757	789505	784615	785292	0.50	cps
Calcium	44-1	12832481	12957597	13020803	12936960	0.74	cps
Chromium	52-2	329753	326671	328490	328304	0.47	cps
Cobalt	59-2	719762	705557	714312	713210	1.00	cps
Copper	63-2	1253767	1246019	1253821	1251202	0.36	cps
Dysprosium	156-1	50	33	83	56	45.83	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	92	75	117	94	22.21	cps
Gadolinium	160-2	17	3	23	14	70.51	cps
Holmium	165-1	7301862	7408275	7427574	7379237	0.92	cps
Holmium	165-2	1532310	1538000	1522035	1530781	0.53	cps
Indium	115-1	5685648	5646703	5792849	5708400	1.33	cps
Indium	115-2	242957	239927	238318	240401	0.98	cps
Iron	56-2	11408820	11144080	11363963	11305621	1.25	cps
Iron	57-2	284319	283402	283672	283798	0.17	cps
Lead	206-1	2581784	2554764	2533553	2556701	0.95	cps
Lead	207-1	2303142	2382547	2342861	2342850	1.69	cps
Lead	208-1	10430053	10548164	10448134	10475450	0.61	cps
Lithium	6-1	843071	846284	846838	845398	0.24	cps
Magnesium	24-2	1168515	1160353	1166335	1165068	0.36	cps
Manganese	55-2	187824	184984	188472	187093	0.99	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3023578	3038461	3026514	3029518	0.26	cps
Molybdenum	95-1	1632967	1623060	1641541	1632523	0.57	cps
Molybdenum	96-1	2159730	2159482	2123422	2147545	0.97	cps
Molybdenum	97-1	995744	995693	1001654	997697	0.34	cps
Molybdenum	98-1	2680734	2658789	2665738	2668420	0.42	cps
Neodymium	150-1	120	127	200	149	29.81	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	209663	208667	210110	209480	0.35	cps
Phosphorus	31-2	3501	3176	3251	3309	5.14	cps
Potassium	39-2	330548	322116	331685	328117	1.59	cps
Rhodium	103-1	5320413	5357035	5360200	5345883	0.41	cps
Rhodium	103-2	1350495	1353678	1345644	1349939	0.30	cps
Scandium	45-1	3157823	3196387	3199865	3184692	0.73	cps
Scandium	45-2	26405	25106	25617	25709	2.55	cps
Selenium	77-2	253	323	283	287	12.25	cps
Selenium	78-2	1059	970	919	983	7.24	cps
Selenium	82-1	50163	50525	50371	50353	0.36	cps
Silicon	28-1	1832755	1851936	1866243	1850311	0.91	cps
Silver	109-1	3832495	3909841	3836634	3859657	1.13	cps
Silver	107-1	4071258	4082049	4063305	4072204	0.23	cps
Sodium	23-2	2672737	2657592	2651956	2660762	0.40	cps
Strontium	86-1	1013818	1023471	1017941	1018410	0.48	cps
Strontium	88-1	8774891	8861480	8750074	8795482	0.66	cps
Sulfur	34-1	526343	530824	534232	530466	0.75	cps
Terbium	159-1	7674562	7705753	7680556	7686957	0.22	cps
Terbium	159-2	1494484	1489423	1486901	1490269	0.26	cps
Thallium	203-1	3141508	3181718	3179693	3167640	0.72	cps
Thallium	205-1	7394392	7516847	7506356	7472531	0.91	cps
Tin	118-1	2714698	2685841	2691712	2697417	0.57	cps
Titanium	47-1	404762	411535	406576	407625	0.86	cps
Uranium	238-1	10163374	10125784	10121075	10136744	0.23	cps
Vanadium	51-2	246987	242205	243795	244329	1.00	cps
Yttrium	89-1	5972356	6069987	6028816	6023720	0.81	cps
Yttrium	89-2	182879	181927	181221	182009	0.46	cps
Zinc	66-2	112021	109450	111013	110828	1.17	cps
Zirconium	90-1	5724027	5764679	5769520	5752742	0.43	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103854BS	Instrumnet Name :	P8
Client Sample ID :	PB103854BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:11:47	DataFile Name :	020LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1270855	1277131	1263216	1270401	0.55	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : I6234-01 Instrumnet Name : P8
 Client Sample ID : TW-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 15:14:51 DataFile Name : 021SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25081	25699	24848	25209	1.75	cps
Antimony	121-1	16469	14792	15009	15423	5.91	cps
Arsenic	75-2	180	194	181	185	4.36	cps
Barium	135-1	387106	386864	394689	389553	1.14	cps
Barium	137-1	671449	668719	685878	675349	1.37	cps
Beryllium	9-1	311	300	344	319	7.26	cps
Bismuth	209-1	5052084	5000660	5070714	5041153	0.72	cps
Bismuth	209-2	1143249	1133666	1129802	1135572	0.61	cps
Boron	10-1	5643	5543	5043	5410	5.94	cps
Boron	11-1	26317	26500	24797	25872	3.61	cps
Cadmium	111-1	1463	1425	1756	1548	11.72	cps
Cadmium	106-1	942	1075	1442	1153	22.46	cps
Cadmium	108-1	67	75	46	63	24.04	cps
Calcium	43-1	1689560	1690615	1691349	1690508	0.05	cps
Calcium	44-1	27454907	27628579	27281757	27455081	0.63	cps
Chromium	52-2	16109	15732	15579	15807	1.73	cps
Cobalt	59-2	12910	13026	12709	12882	1.24	cps
Copper	63-2	31142	31088	31820	31350	1.30	cps
Dysprosium	156-1	16419	16478	16436	16444	0.18	cps
Dysprosium	156-2	3447	3257	3234	3313	3.53	cps
Erbium	164-1	13124	12932	13391	13149	1.75	cps
Erbium	164-2	2337	2474	2397	2402	2.85	cps
Gadolinium	160-1	14492	15051	15059	14867	2.19	cps
Gadolinium	160-2	3861	3981	4027	3956	2.17	cps
Holmium	165-1	7108162	7140640	7176958	7141920	0.48	cps
Holmium	165-2	1356461	1357449	1357438	1357116	0.04	cps
Indium	115-1	5613153	5701227	5674868	5663083	0.80	cps
Indium	115-2	213465	210904	209775	211381	0.89	cps
Iron	56-2	5164803	5068319	5063755	5098959	1.12	cps
Iron	57-2	129637	126335	126928	127633	1.38	cps
Lead	206-1	122093	123381	125357	123610	1.33	cps
Lead	207-1	100976	105177	104579	103577	2.19	cps
Lead	208-1	475638	483734	488743	482705	1.37	cps
Lithium	6-1	1119940	1155460	1217432	1164277	4.24	cps
Magnesium	24-2	515359	500489	496426	504091	1.98	cps
Manganese	55-2	101787	100783	98491	100354	1.68	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:14:51	DataFile Name :	021SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26418	27921	28157	27499	3.43	cps
Molybdenum	95-1	39032	39375	39684	39364	0.83	cps
Molybdenum	96-1	42451	43429	41381	42420	2.41	cps
Molybdenum	97-1	24106	24965	24648	24573	1.77	cps
Molybdenum	98-1	62520	63291	63215	63009	0.67	cps
Neodymium	150-1	27523	28118	28773	28138	2.22	cps
Neodymium	150-2	3364	3244	3514	3374	4.01	cps
Nickel	60-2	7592	7719	7886	7732	1.90	cps
Phosphorus	31-2	25	117	108	83	60.83	cps
Potassium	39-2	116840	111992	109036	112623	3.50	cps
Rhodium	103-1	4983370	4958204	5066446	5002673	1.13	cps
Rhodium	103-2	1223776	1210751	1206587	1213704	0.74	cps
Scandium	45-1	2865105	2856652	2866541	2862766	0.19	cps
Scandium	45-2	20352	19777	19634	19921	1.91	cps
Selenium	77-2	7	13	17	12	41.65	cps
Selenium	78-2	22	11	6	13	65.44	cps
Selenium	82-1	258	286	275	273	5.04	cps
Silicon	28-1	45986796	45712268	47093558	46264207	1.58	cps
Silver	109-1	8103	6827	6093	7008	14.51	cps
Silver	107-1	8620	7294	6243	7386	16.12	cps
Sodium	23-2	986294	968694	945672	966887	2.11	cps
Strontium	86-1	766076	775172	775112	772120	0.68	cps
Strontium	88-1	6655792	6758236	6765276	6726435	0.91	cps
Sulfur	34-1	475454	470123	459106	468228	1.78	cps
Terbium	159-1	7360628	7359828	7525042	7415166	1.28	cps
Terbium	159-2	1333075	1329867	1323500	1328814	0.37	cps
Thallium	203-1	4184	3109	2609	3301	24.39	cps
Thallium	205-1	10397	6977	5501	7625	32.93	cps
Tin	118-1	26427	25433	24398	25419	3.99	cps
Titanium	47-1	394472	390904	387546	390974	0.89	cps
Uranium	238-1	116113	119934	119789	118612	1.83	cps
Vanadium	51-2	9760	9510	9657	9642	1.30	cps
Yttrium	89-1	5820546	5811068	5776450	5802688	0.40	cps
Yttrium	89-2	155551	153838	153919	154436	0.63	cps
Zinc	66-2	4898	4981	4798	4892	1.88	cps
Zirconium	90-1	15512	26348	21861	21240	25.63	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:14:51	DataFile Name :	021SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3584	3342	3126	3351	6.85	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23554	23630	22310	23165	3.20	cps
Antimony	121-1	10772	10346	11038	10719	3.26	cps
Arsenic	75-2	170	169	161	167	2.94	cps
Barium	135-1	393505	394433	398762	395567	0.71	cps
Barium	137-1	695271	693192	694076	694179	0.15	cps
Beryllium	9-1	272	272	217	254	12.64	cps
Bismuth	209-1	5147284	5135571	5134570	5139142	0.14	cps
Bismuth	209-2	1117826	1120597	1110719	1116381	0.46	cps
Boron	10-1	4401	4784	4776	4654	4.71	cps
Boron	11-1	20824	20365	20966	20718	1.52	cps
Cadmium	111-1	1365	1156	1253	1258	8.32	cps
Cadmium	106-1	1200	983	1008	1064	11.14	cps
Cadmium	108-1	42	58	58	53	18.23	cps
Calcium	43-1	1616028	1619004	1638091	1624374	0.74	cps
Calcium	44-1	26485453	26524042	26212337	26407277	0.64	cps
Chromium	52-2	14821	14638	14181	14547	2.27	cps
Cobalt	59-2	11985	12002	12169	12052	0.84	cps
Copper	63-2	30223	29762	29448	29811	1.31	cps
Dysprosium	156-1	16720	17296	17329	17115	2.00	cps
Dysprosium	156-2	3237	3314	3040	3197	4.41	cps
Erbium	164-1	12932	14008	13474	13471	3.99	cps
Erbium	164-2	2364	2400	2224	2329	4.00	cps
Gadolinium	160-1	16620	15827	16445	16297	2.56	cps
Gadolinium	160-2	3921	3861	3941	3907	1.07	cps
Holmium	165-1	7371411	7406617	7552566	7443532	1.29	cps
Holmium	165-2	1352700	1345568	1334287	1344185	0.69	cps
Indium	115-1	5668252	5707477	5626799	5667509	0.71	cps
Indium	115-2	200112	198008	195395	197838	1.19	cps
Iron	56-2	4812891	4701625	4694162	4736226	1.40	cps
Iron	57-2	117597	119855	117688	118380	1.08	cps
Lead	206-1	128869	129374	130884	129709	0.81	cps
Lead	207-1	107893	109748	111156	109599	1.49	cps
Lead	208-1	501659	511859	513001	508839	1.23	cps
Lithium	6-1	1273995	1318530	1310783	1301102	1.83	cps
Magnesium	24-2	466249	461998	453649	460632	1.39	cps
Manganese	55-2	94084	93604	91320	93003	1.59	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28107	27739	28123	27989	0.78	cps
Molybdenum	95-1	39283	39392	38464	39046	1.30	cps
Molybdenum	96-1	42935	43730	42325	42997	1.64	cps
Molybdenum	97-1	24740	25533	24272	24849	2.57	cps
Molybdenum	98-1	63509	64454	62955	63639	1.19	cps
Neodymium	150-1	28592	29240	28605	28813	1.29	cps
Neodymium	150-2	3260	3334	3391	3328	1.96	cps
Nickel	60-2	7282	7402	7032	7239	2.61	cps
Phosphorus	31-2	75	42	75	64	30.12	cps
Potassium	39-2	101624	100953	98897	100492	1.41	cps
Rhodium	103-1	5065115	5067631	5046311	5059686	0.23	cps
Rhodium	103-2	1183703	1173498	1163470	1173557	0.86	cps
Scandium	45-1	2766516	2756883	2701174	2741524	1.29	cps
Scandium	45-2	18275	17855	16817	17649	4.25	cps
Selenium	77-2	10	27	23	20	44.10	cps
Selenium	78-2	9	20	7	12	56.77	cps
Selenium	82-1	357	363	291	337	11.84	cps
Silicon	28-1	42614257	42168589	42153457	42312101	0.62	cps
Silver	109-1	3151	3142	2800	3031	6.59	cps
Silver	107-1	2942	3000	2684	2875	5.86	cps
Sodium	23-2	891435	877569	863865	877623	1.57	cps
Strontium	86-1	764750	766622	761754	764375	0.32	cps
Strontium	88-1	6734459	6679955	6680531	6698315	0.47	cps
Sulfur	34-1	439555	440269	433574	437799	0.84	cps
Terbium	159-1	7706757	7710418	7707481	7708219	0.03	cps
Terbium	159-2	1310783	1309838	1298915	1306512	0.50	cps
Thallium	203-1	1367	1283	1342	1331	3.21	cps
Thallium	205-1	3192	3376	2976	3181	6.30	cps
Tin	118-1	21877	21593	21493	21654	0.92	cps
Titanium	47-1	373347	373670	372583	373200	0.15	cps
Uranium	238-1	126589	130539	130073	129067	1.67	cps
Vanadium	51-2	9313	8713	8543	8856	4.57	cps
Yttrium	89-1	5729663	5684689	5723041	5712464	0.43	cps
Yttrium	89-2	146854	146577	142683	145371	1.60	cps
Zinc	66-2	4511	4544	4364	4473	2.14	cps
Zirconium	90-1	13382	12757	14236	13458	5.52	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUP	Instrumnet Name :	P8
Client Sample ID :	TW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:18:01	DataFile Name :	022SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2817	3042	4488	3449	26.29	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5451	5293	5076	5273	3.57	cps
Antimony	121-1	3292	3117	3084	3164	3.54	cps
Arsenic	75-2	44	39	37	40	9.60	cps
Barium	135-1	81803	80319	80393	80838	1.03	cps
Barium	137-1	143446	144202	143263	143637	0.35	cps
Beryllium	9-1	139	122	144	135	8.55	cps
Bismuth	209-1	5250756	5251463	5298315	5266845	0.52	cps
Bismuth	209-2	1198703	1191154	1185646	1191834	0.55	cps
Boron	10-1	1467	1750	1375	1531	12.77	cps
Boron	11-1	7269	7361	7044	7224	2.26	cps
Cadmium	111-1	863	882	714	820	11.25	cps
Cadmium	106-1	1108	1108	883	1033	12.57	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	343275	337421	341101	340599	0.87	cps
Calcium	44-1	5654207	5605582	5648057	5635948	0.47	cps
Chromium	52-2	3824	3851	3647	3774	2.93	cps
Cobalt	59-2	2697	2710	2580	2663	2.69	cps
Copper	63-2	6822	6915	6705	6814	1.54	cps
Dysprosium	156-1	3217	3734	3384	3445	7.66	cps
Dysprosium	156-2	723	710	703	712	1.43	cps
Erbium	164-1	2950	2967	3059	2992	1.95	cps
Erbium	164-2	507	427	460	464	8.65	cps
Gadolinium	160-1	3142	3359	3117	3206	4.15	cps
Gadolinium	160-2	860	770	767	799	6.63	cps
Holmium	165-1	7790680	7711607	7751623	7751303	0.51	cps
Holmium	165-2	1446032	1433267	1432359	1437219	0.53	cps
Indium	115-1	5851839	5854628	5911521	5872663	0.57	cps
Indium	115-2	219994	216822	214348	217055	1.30	cps
Iron	56-2	1052605	1046583	1036413	1045200	0.78	cps
Iron	57-2	26481	28160	25791	26811	4.55	cps
Lead	206-1	27079	27124	27174	27126	0.17	cps
Lead	207-1	23021	23188	22437	22882	1.72	cps
Lead	208-1	106264	107285	106790	106780	0.48	cps
Lithium	6-1	987711	979255	990666	985877	0.60	cps
Magnesium	24-2	106152	103458	103256	104289	1.55	cps
Manganese	55-2	21373	20442	20439	20751	2.60	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5385	5518	5885	5596	4.63	cps
Molybdenum	95-1	8261	8361	8178	8267	1.11	cps
Molybdenum	96-1	9571	9362	9137	9357	2.32	cps
Molybdenum	97-1	5043	5368	5160	5190	3.17	cps
Molybdenum	98-1	13132	13257	13299	13229	0.66	cps
Neodymium	150-1	5955	6135	6355	6148	3.26	cps
Neodymium	150-2	677	713	720	703	3.32	cps
Nickel	60-2	1587	1450	1617	1551	5.73	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	24439	23428	24355	24074	2.33	cps
Rhodium	103-1	5381792	5414463	5399401	5398552	0.30	cps
Rhodium	103-2	1297794	1281603	1265864	1281754	1.25	cps
Scandium	45-1	2940806	2903473	2926088	2923456	0.64	cps
Scandium	45-2	20145	20148	20101	20131	0.13	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	2	11	4	6	88.24	cps
Selenium	82-1	41	33	22	32	30.04	cps
Silicon	28-1	9475994	9554858	9686990	9572614	1.11	cps
Silver	109-1	1267	1217	1083	1189	7.97	cps
Silver	107-1	1175	1175	1025	1125	7.70	cps
Sodium	23-2	201279	197316	197197	198597	1.17	cps
Strontium	86-1	157811	160430	160861	159701	1.03	cps
Strontium	88-1	1397435	1419780	1402128	1406448	0.84	cps
Sulfur	34-1	308474	305932	308841	307749	0.51	cps
Terbium	159-1	8045456	7981086	8131200	8052581	0.94	cps
Terbium	159-2	1428224	1399827	1399207	1409086	1.18	cps
Thallium	203-1	350	400	408	386	8.17	cps
Thallium	205-1	1000	808	867	892	11.02	cps
Tin	118-1	3592	3301	3676	3523	5.59	cps
Titanium	47-1	78637	78815	79819	79090	0.81	cps
Uranium	238-1	26696	25803	25502	26000	2.39	cps
Vanadium	51-2	2080	2040	1967	2029	2.83	cps
Yttrium	89-1	5908757	5932053	5925949	5922253	0.20	cps
Yttrium	89-2	159829	155850	156275	157318	1.39	cps
Zinc	66-2	1033	1157	990	1060	8.16	cps
Zirconium	90-1	2825	3184	3317	3109	8.18	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LX5	Instrumnet Name :	P8
Client Sample ID :	TW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 15:21:11	DataFile Name :	023SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	725	767	742	745	2.82	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54865	54305	54079	54416	0.74	cps
Antimony	121-1	3828938	3832078	3812887	3824635	0.27	cps
Arsenic	75-2	32249	31878	31720	31949	0.85	cps
Barium	135-1	4397687	4425204	4418402	4413764	0.32	cps
Barium	137-1	7655170	7724124	7731675	7703656	0.55	cps
Beryllium	9-1	363582	363720	361822	363041	0.29	cps
Bismuth	209-1	4952430	5005963	5022684	4993692	0.73	cps
Bismuth	209-2	1068959	1067898	1072526	1069794	0.23	cps
Boron	10-1	42848	43692	43852	43464	1.24	cps
Boron	11-1	194231	201157	202410	199266	2.21	cps
Cadmium	111-1	786192	792742	794706	791213	0.56	cps
Cadmium	106-1	79049	78512	78621	78727	0.36	cps
Cadmium	108-1	54075	55589	56187	55284	1.97	cps
Calcium	43-1	2263650	2238495	2240401	2247515	0.62	cps
Calcium	44-1	36376277	36325020	36156390	36285896	0.32	cps
Chromium	52-2	270620	267153	266921	268231	0.77	cps
Cobalt	59-2	576892	571510	569027	572476	0.70	cps
Copper	63-2	1024336	1014938	1015925	1018400	0.51	cps
Dysprosium	156-1	16628	17229	17120	16992	1.88	cps
Dysprosium	156-2	3090	3240	3180	3170	2.38	cps
Erbium	164-1	16628	16303	16319	16417	1.12	cps
Erbium	164-2	2887	2910	2964	2920	1.35	cps
Gadolinium	160-1	15293	16094	15960	15782	2.72	cps
Gadolinium	160-2	4101	3844	3897	3947	3.43	cps
Holmium	165-1	7327195	7296255	7390067	7337839	0.65	cps
Holmium	165-2	1309142	1297446	1298330	1301639	0.50	cps
Indium	115-1	5305489	5291797	5359680	5318989	0.67	cps
Indium	115-2	184428	183121	181505	183018	0.80	cps
Iron	56-2	12881866	12833628	12725415	12813636	0.63	cps
Iron	57-2	325499	323225	322715	323813	0.46	cps
Lead	206-1	2926191	2883432	2949720	2919781	1.15	cps
Lead	207-1	2678725	2673551	2693878	2682051	0.39	cps
Lead	208-1	11881259	11851718	11971248	11901408	0.52	cps
Lithium	6-1	1191059	1224554	1212229	1209281	1.40	cps
Magnesium	24-2	1336884	1308881	1300237	1315334	1.46	cps
Manganese	55-2	219845	216057	217986	217963	0.87	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2758455	2776497	2763004	2765985	0.34	cps
Molybdenum	95-1	1528234	1560190	1575714	1554713	1.56	cps
Molybdenum	96-1	2005796	2011223	2021968	2012996	0.41	cps
Molybdenum	97-1	943218	947318	945032	945189	0.22	cps
Molybdenum	98-1	2517358	2522525	2520515	2520133	0.10	cps
Neodymium	150-1	27302	28325	28311	27979	2.10	cps
Neodymium	150-2	3300	3190	3401	3297	3.19	cps
Nickel	60-2	179105	175962	176017	177028	1.02	cps
Phosphorus	31-2	92	25	67	61	55.11	cps
Potassium	39-2	304605	302740	301718	303021	0.48	cps
Rhodium	103-1	4804221	4848075	4901803	4851366	1.01	cps
Rhodium	103-2	1115401	1109899	1116080	1113793	0.30	cps
Scandium	45-1	2602832	2608080	2622422	2611111	0.39	cps
Scandium	45-2	17521	16897	16830	17083	2.23	cps
Selenium	77-2	207	250	207	221	11.32	cps
Selenium	78-2	663	741	717	707	5.63	cps
Selenium	82-1	46805	46992	47024	46940	0.25	cps
Silicon	28-1	43905806	43796638	43500786	43734410	0.48	cps
Silver	109-1	3947634	3977551	3947949	3957711	0.43	cps
Silver	107-1	4139721	4121866	4195096	4152227	0.92	cps
Sodium	23-2	2759772	2773267	2702961	2745333	1.36	cps
Strontium	86-1	1663405	1717749	1693524	1691559	1.61	cps
Strontium	88-1	14430501	14479393	14445939	14451944	0.17	cps
Sulfur	34-1	430954	423187	420753	424965	1.25	cps
Terbium	159-1	7501961	7557302	7679389	7579551	1.20	cps
Terbium	159-2	1277823	1270317	1279920	1276020	0.40	cps
Thallium	203-1	3492705	3530381	3538006	3520364	0.69	cps
Thallium	205-1	8242748	8220390	8301275	8254805	0.51	cps
Tin	118-1	2511842	2494058	2545709	2517203	1.04	cps
Titanium	47-1	703054	695747	691682	696827	0.83	cps
Uranium	238-1	11502397	11535889	11594588	11544291	0.40	cps
Vanadium	51-2	192222	190727	189651	190867	0.68	cps
Yttrium	89-1	5528072	5499315	5548979	5525455	0.45	cps
Yttrium	89-2	138308	136538	136698	137181	0.71	cps
Zinc	66-2	87071	86739	85411	86407	1.02	cps
Zirconium	90-1	5009363	5050901	5102813	5054359	0.93	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MS	Instrumnet Name :	P8
Client Sample ID :	TW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:24:21	DataFile Name :	024SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1103420	1111933	1127644	1114332	1.10	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54572	53820	52950	53781	1.51	cps
Antimony	121-1	3893205	3894107	3870195	3885836	0.35	cps
Arsenic	75-2	32147	31556	31991	31898	0.96	cps
Barium	135-1	4515721	4515265	4490253	4507080	0.32	cps
Barium	137-1	7796138	7824370	7859514	7826674	0.41	cps
Beryllium	9-1	364578	364840	360222	363213	0.71	cps
Bismuth	209-1	5126946	5131447	5151679	5136691	0.26	cps
Bismuth	209-2	1084117	1086660	1086529	1085768	0.13	cps
Boron	10-1	43308	43843	44152	43768	0.97	cps
Boron	11-1	202975	205561	207081	205206	1.01	cps
Cadmium	111-1	806789	802852	803488	804376	0.26	cps
Cadmium	106-1	81840	81773	81413	81675	0.28	cps
Cadmium	108-1	55409	55230	56807	55815	1.55	cps
Calcium	43-1	2214967	2195404	2197834	2202735	0.48	cps
Calcium	44-1	35851203	35850302	35691965	35797823	0.26	cps
Chromium	52-2	272639	267006	268368	269338	1.09	cps
Cobalt	59-2	577925	570316	573969	574070	0.66	cps
Copper	63-2	1021318	1010456	1018578	1016784	0.56	cps
Dysprosium	156-1	17120	16836	16653	16870	1.40	cps
Dysprosium	156-2	3310	3374	3000	3228	6.19	cps
Erbium	164-1	16812	17087	17821	17240	3.03	cps
Erbium	164-2	2830	2820	2820	2824	0.20	cps
Gadolinium	160-1	15885	16328	16453	16222	1.84	cps
Gadolinium	160-2	3854	3777	3907	3846	1.70	cps
Holmium	165-1	7566225	7547449	7541787	7551820	0.17	cps
Holmium	165-2	1331593	1324651	1325543	1327262	0.28	cps
Indium	115-1	5401355	5407782	5449918	5419685	0.49	cps
Indium	115-2	185300	181913	183408	183540	0.92	cps
Iron	56-2	12909070	12663619	12786393	12786361	0.96	cps
Iron	57-2	326762	318339	322379	322493	1.31	cps
Lead	206-1	3022813	2990342	3054147	3022434	1.06	cps
Lead	207-1	2730554	2736066	2760393	2742338	0.58	cps
Lead	208-1	12335926	12276697	12428454	12347026	0.62	cps
Lithium	6-1	1180701	1217228	1226658	1208196	2.01	cps
Magnesium	24-2	1305648	1275319	1285631	1288866	1.20	cps
Manganese	55-2	217320	213506	212852	214559	1.12	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2763593	2800508	2815932	2793344	0.96	cps
Molybdenum	95-1	1542566	1580013	1552919	1558500	1.24	cps
Molybdenum	96-1	2090305	2061548	2033272	2061708	1.38	cps
Molybdenum	97-1	949526	968959	958817	959101	1.01	cps
Molybdenum	98-1	2566554	2570563	2576086	2571068	0.19	cps
Neodymium	150-1	28779	28532	29195	28835	1.16	cps
Neodymium	150-2	3257	3174	3137	3189	1.93	cps
Nickel	60-2	178531	176617	177255	177468	0.55	cps
Phosphorus	31-2	67	50	92	69	30.20	cps
Potassium	39-2	299345	294628	297755	297243	0.81	cps
Rhodium	103-1	4924045	4941109	4921246	4928800	0.22	cps
Rhodium	103-2	1131939	1121441	1123574	1125651	0.49	cps
Scandium	45-1	2683977	2631713	2596798	2637496	1.66	cps
Scandium	45-2	17655	16914	16420	16996	3.66	cps
Selenium	77-2	143	207	217	189	21.05	cps
Selenium	78-2	696	802	739	746	7.12	cps
Selenium	82-1	47861	48316	47556	47911	0.80	cps
Silicon	28-1	43592224	43825030	43379408	43598887	0.51	cps
Silver	109-1	4003449	4036310	4009043	4016267	0.44	cps
Silver	107-1	4200014	4196981	4233959	4210318	0.49	cps
Sodium	23-2	2749341	2725716	2705901	2726986	0.80	cps
Strontium	86-1	1707805	1696110	1703234	1702383	0.35	cps
Strontium	88-1	14534710	14629776	14630162	14598216	0.38	cps
Sulfur	34-1	417258	417248	412374	415627	0.68	cps
Terbium	159-1	7733078	7844343	7822872	7800098	0.76	cps
Terbium	159-2	1300326	1289134	1295789	1295083	0.43	cps
Thallium	203-1	3647759	3648291	3621261	3639104	0.42	cps
Thallium	205-1	8552569	8534282	8582896	8556582	0.29	cps
Tin	118-1	2598847	2560976	2590725	2583516	0.77	cps
Titanium	47-1	695959	692895	694738	694531	0.22	cps
Uranium	238-1	11880320	11991833	12140742	12004298	1.09	cps
Vanadium	51-2	190675	189071	189435	189727	0.44	cps
Yttrium	89-1	5592363	5652481	5642407	5629084	0.57	cps
Yttrium	89-2	140052	137264	137580	138299	1.10	cps
Zinc	66-2	86571	86984	85756	86437	0.72	cps
Zirconium	90-1	5281089	5177226	5204308	5220874	1.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSD	Instrumnet Name :	P8
Client Sample ID :	TW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:27:23	DataFile Name :	025SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1131357	1146350	1142505	1140070	0.68	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53402	52674	51988	52688	1.34	cps
Antimony	121-1	3888325	3926442	3950322	3921696	0.80	cps
Arsenic	75-2	32371	32052	31638	32020	1.15	cps
Barium	135-1	4505927	4535533	4567634	4536365	0.68	cps
Barium	137-1	7872622	7951996	8015734	7946784	0.90	cps
Beryllium	9-1	360408	360104	360687	360400	0.08	cps
Bismuth	209-1	5146094	5151562	5231219	5176292	0.92	cps
Bismuth	209-2	1082186	1073331	1081267	1078928	0.45	cps
Boron	10-1	44687	44036	46184	44969	2.45	cps
Boron	11-1	200616	204107	210319	205014	2.40	cps
Cadmium	111-1	807600	805930	814771	809434	0.58	cps
Cadmium	106-1	80340	80314	80549	80401	0.16	cps
Cadmium	108-1	57004	55673	55204	55960	1.67	cps
Calcium	43-1	2233189	2213035	2218898	2221707	0.47	cps
Calcium	44-1	36353394	36016753	35767360	36045836	0.82	cps
Chromium	52-2	267968	266496	267183	267216	0.28	cps
Cobalt	59-2	575528	568428	568914	570957	0.69	cps
Copper	63-2	1024719	1012775	1013314	1016936	0.66	cps
Dysprosium	156-1	17546	17713	16478	17246	3.89	cps
Dysprosium	156-2	3127	3087	3114	3109	0.65	cps
Erbium	164-1	16970	17654	17863	17496	2.67	cps
Erbium	164-2	2854	2994	2964	2937	2.51	cps
Gadolinium	160-1	15476	15793	17029	16099	5.09	cps
Gadolinium	160-2	4024	3797	3924	3915	2.90	cps
Holmium	165-1	7675419	7617784	7598430	7630544	0.52	cps
Holmium	165-2	1332025	1320398	1321142	1324522	0.49	cps
Indium	115-1	5382738	5386047	5448901	5405895	0.69	cps
Indium	115-2	184082	179834	181020	181645	1.21	cps
Iron	56-2	12776426	12602911	12568031	12649123	0.88	cps
Iron	57-2	321447	318335	318741	319508	0.53	cps
Lead	206-1	3002641	3041216	3056940	3033599	0.92	cps
Lead	207-1	2737706	2726682	2727938	2730775	0.22	cps
Lead	208-1	12272383	12338492	12425935	12345603	0.62	cps
Lithium	6-1	1154750	1178655	1176471	1169958	1.13	cps
Magnesium	24-2	1315723	1292552	1276585	1294953	1.52	cps
Manganese	55-2	217110	211032	213718	213954	1.42	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2811190	2797852	2795968	2801670	0.30	cps
Molybdenum	95-1	1557052	1571081	1568990	1565708	0.48	cps
Molybdenum	96-1	2051801	2043356	2030398	2041851	0.53	cps
Molybdenum	97-1	963641	964048	964768	964152	0.06	cps
Molybdenum	98-1	2562654	2549132	2555438	2555741	0.26	cps
Neodymium	150-1	29120	27897	28438	28485	2.15	cps
Neodymium	150-2	3324	3260	3064	3216	4.22	cps
Nickel	60-2	177326	176098	175614	176346	0.50	cps
Phosphorus	31-2	33	33	42	36	13.33	cps
Potassium	39-2	296258	292192	294852	294434	0.70	cps
Rhodium	103-1	4906268	4897579	4919758	4907868	0.23	cps
Rhodium	103-2	1126784	1123983	1118474	1123080	0.38	cps
Scandium	45-1	2627721	2644174	2625627	2632507	0.39	cps
Scandium	45-2	16270	16453	17094	16606	2.61	cps
Selenium	77-2	210	203	260	224	13.80	cps
Selenium	78-2	704	685	694	694	1.33	cps
Selenium	82-1	47048	47334	47614	47332	0.60	cps
Silicon	28-1	43633848	43232309	43561149	43475769	0.49	cps
Silver	109-1	4073940	4044371	4040547	4052952	0.45	cps
Silver	107-1	4182203	4258380	4244501	4228361	0.96	cps
Sodium	23-2	2751882	2703197	2684744	2713275	1.28	cps
Strontium	86-1	1714819	1731466	1705453	1717246	0.77	cps
Strontium	88-1	14421775	14694393	14754628	14623599	1.21	cps
Sulfur	34-1	417439	411861	415976	415092	0.70	cps
Terbium	159-1	7793365	7838198	7858189	7829917	0.42	cps
Terbium	159-2	1297595	1289116	1288948	1291886	0.38	cps
Thallium	203-1	3660962	3651936	3683931	3665610	0.45	cps
Thallium	205-1	8580895	8488074	8591143	8553370	0.66	cps
Tin	118-1	2573833	2581403	2614921	2590052	0.84	cps
Titanium	47-1	712003	702078	689765	701282	1.59	cps
Uranium	238-1	12054561	12126209	12271429	12150733	0.91	cps
Vanadium	51-2	189341	187665	187560	188189	0.53	cps
Yttrium	89-1	5562582	5598048	5594391	5585007	0.35	cps
Yttrium	89-2	137823	135800	135207	136277	1.01	cps
Zinc	66-2	87272	86269	85391	86311	1.09	cps
Zirconium	90-1	5124073	5189189	5238050	5183770	1.10	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01A	Instrumnet Name :	P8
Client Sample ID :	TW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:30:26	DataFile Name :	026SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1129759	1140138	1136881	1135593	0.47	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2625	2617	2742	2661	2.63	cps
Antimony	121-1	8962	8678	8545	8728	2.44	cps
Arsenic	75-2	2111	2174	2232	2172	2.77	cps
Barium	135-1	1094091	1115674	1073401	1094389	1.93	cps
Barium	137-1	1979578	1984826	1938272	1967559	1.30	cps
Beryllium	9-1	333	222	228	261	23.98	cps
Bismuth	209-1	5236475	5219683	5023320	5159826	2.30	cps
Bismuth	209-2	1057337	1067507	1076684	1067176	0.91	cps
Boron	10-1	6202	6310	5893	6135	3.52	cps
Boron	11-1	29373	28914	28295	28861	1.87	cps
Cadmium	111-1	907	1003	948	953	5.05	cps
Cadmium	106-1	833	1008	950	931	9.58	cps
Cadmium	108-1	38	46	67	50	30.05	cps
Calcium	43-1	2437371	2419056	2342011	2399479	2.11	cps
Calcium	44-1	39386218	39210048	37897626	38831297	2.09	cps
Chromium	52-2	2697	2834	2717	2749	2.69	cps
Cobalt	59-2	2654	2930	2814	2799	4.96	cps
Copper	63-2	5064	5408	5061	5178	3.85	cps
Dysprosium	156-1	2175	2167	1875	2072	8.24	cps
Dysprosium	156-2	370	417	340	376	10.29	cps
Erbium	164-1	1792	1992	2159	1981	9.27	cps
Erbium	164-2	260	330	280	290	12.43	cps
Gadolinium	160-1	2009	2025	1959	1997	1.74	cps
Gadolinium	160-2	490	470	510	490	4.08	cps
Holmium	165-1	7597459	7635021	7365313	7532598	1.94	cps
Holmium	165-2	1303015	1308837	1315202	1309018	0.47	cps
Indium	115-1	5539237	5503796	5335503	5459512	1.99	cps
Indium	115-2	182264	182961	183348	182858	0.30	cps
Iron	56-2	4985549	5073568	5047663	5035593	0.90	cps
Iron	57-2	126127	126188	123851	125389	1.06	cps
Lead	206-1	8492	8025	8258	8259	2.83	cps
Lead	207-1	7119	7169	6685	6991	3.80	cps
Lead	208-1	33697	32779	31967	32814	2.64	cps
Lithium	6-1	1133916	1136671	1121535	1130708	0.71	cps
Magnesium	24-2	888011	892744	894882	891879	0.39	cps
Manganese	55-2	316959	320701	319881	319181	0.62	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11030	11589	11198	11272	2.54	cps
Molybdenum	95-1	16844	16953	15660	16486	4.35	cps
Molybdenum	96-1	18062	18330	17996	18129	0.97	cps
Molybdenum	97-1	10188	10304	10354	10282	0.83	cps
Molybdenum	98-1	26919	26978	25725	26541	2.66	cps
Neodymium	150-1	3387	3147	3074	3203	5.12	cps
Neodymium	150-2	273	337	333	314	11.34	cps
Nickel	60-2	2134	2237	2290	2220	3.59	cps
Phosphorus	31-2	8	42	33	28	62.46	cps
Potassium	39-2	100424	102941	103067	102144	1.46	cps
Rhodium	103-1	4981368	4970834	4840581	4930928	1.59	cps
Rhodium	103-2	1105101	1117517	1116826	1113148	0.63	cps
Scandium	45-1	2638525	2617080	2545978	2600527	1.86	cps
Scandium	45-2	16223	16356	16503	16361	0.86	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	67	-1	97	54	92.10	cps
Silicon	28-1	31511935	31481256	31567181	31520124	0.14	cps
Silver	109-1	1283	1117	1217	1206	6.96	cps
Silver	107-1	1367	1500	1375	1414	5.28	cps
Sodium	23-2	3885239	3929135	3889939	3901438	0.62	cps
Strontium	86-1	910018	909710	879736	899821	1.93	cps
Strontium	88-1	8022776	7931934	7704410	7886373	2.08	cps
Sulfur	34-1	323494	316937	311691	317374	1.86	cps
Terbium	159-1	7872931	7896789	7636058	7801926	1.85	cps
Terbium	159-2	1266678	1281444	1276332	1274818	0.59	cps
Thallium	203-1	1634	1308	1434	1458	11.24	cps
Thallium	205-1	3584	3559	3092	3412	8.12	cps
Tin	118-1	24849	24106	23538	24164	2.72	cps
Titanium	47-1	56333	55595	54282	55403	1.88	cps
Uranium	238-1	29444	29178	28667	29096	1.36	cps
Vanadium	51-2	1300	1393	1280	1325	4.57	cps
Yttrium	89-1	5466921	5453006	5367925	5429284	0.99	cps
Yttrium	89-2	132616	131875	132666	132386	0.33	cps
Zinc	66-2	833	830	863	842	2.18	cps
Zirconium	90-1	4551	4259	4084	4298	5.49	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:33:28	DataFile Name :	027SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	1862	1100	1337	34.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214910	215286	214505	214900	0.18	cps
Antimony	121-1	3725281	3769625	3750275	3748394	0.59	cps
Arsenic	75-2	38264	38994	38320	38526	1.05	cps
Barium	135-1	4402028	4417011	4341223	4386754	0.91	cps
Barium	137-1	7635108	7635876	7572597	7614527	0.48	cps
Beryllium	9-1	424894	423809	428528	425744	0.58	cps
Bismuth	209-1	5146577	5101234	5159893	5135901	0.60	cps
Bismuth	209-2	1191002	1182040	1188659	1187234	0.39	cps
Boron	10-1	50356	49294	50473	50041	1.30	cps
Boron	11-1	230745	236602	242177	236508	2.42	cps
Cadmium	111-1	828414	829453	829088	828985	0.06	cps
Cadmium	106-1	85898	85940	85554	85798	0.25	cps
Cadmium	108-1	58727	58978	57221	58309	1.63	cps
Calcium	43-1	3840646	3841911	3823361	3835306	0.27	cps
Calcium	44-1	62983312	62946860	62676374	62868849	0.27	cps
Chromium	52-2	311033	312271	310684	311329	0.27	cps
Cobalt	59-2	670677	668911	669904	669831	0.13	cps
Copper	63-2	1171231	1166591	1164932	1167585	0.28	cps
Dysprosium	156-1	92	58	92	81	23.89	cps
Dysprosium	156-2	23	3	7	11	96.43	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	125	75	50	83	45.83	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	7918115	7811659	7901925	7877233	0.73	cps
Holmium	165-2	1512252	1498389	1507939	1506193	0.47	cps
Indium	115-1	5744797	5782429	5813408	5780212	0.59	cps
Indium	115-2	220304	216167	219901	218791	1.04	cps
Iron	56-2	51170244	51133534	50938025	51080601	0.24	cps
Iron	57-2	1293585	1282180	1289187	1288317	0.45	cps
Lead	206-1	2815626	2791293	2840087	2815669	0.87	cps
Lead	207-1	2567545	2547985	2594152	2569894	0.90	cps
Lead	208-1	11523571	11383374	11572844	11493263	0.86	cps
Lithium	6-1	805753	796581	805504	802613	0.65	cps
Magnesium	24-2	5147618	5154344	5130619	5144194	0.24	cps
Manganese	55-2	171192	170442	170880	170838	0.22	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3140444	3134070	3175649	3150054	0.71	cps
Molybdenum	95-1	1712244	1717128	1702615	1710662	0.43	cps
Molybdenum	96-1	2237290	2237369	2222441	2232367	0.39	cps
Molybdenum	97-1	1038117	1046309	1041640	1042022	0.39	cps
Molybdenum	98-1	2772355	2775077	2774879	2774104	0.05	cps
Neodymium	150-1	180	200	233	204	13.18	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	197446	196168	198642	197418	0.63	cps
Phosphorus	31-2	3242	2825	3367	3145	9.02	cps
Potassium	39-2	1479944	1468297	1437969	1462070	1.48	cps
Rhodium	103-1	5296148	5315088	5294209	5301815	0.22	cps
Rhodium	103-2	1287280	1275429	1271353	1278021	0.65	cps
Scandium	45-1	3093489	3084720	3111019	3096410	0.43	cps
Scandium	45-2	22498	22785	22752	22678	0.69	cps
Selenium	77-2	247	197	270	238	15.76	cps
Selenium	78-2	804	867	835	835	3.77	cps
Selenium	82-1	50325	50133	50224	50228	0.19	cps
Silicon	28-1	1640043	1644111	1621700	1635285	0.73	cps
Silver	109-1	3914958	3938889	3929797	3927881	0.31	cps
Silver	107-1	4105701	4137933	4081648	4108427	0.69	cps
Sodium	23-2	11950042	11867479	12028937	11948820	0.68	cps
Strontium	86-1	1069007	1062049	1071329	1067461	0.45	cps
Strontium	88-1	9358756	9185736	9437373	9327288	1.38	cps
Sulfur	34-1	507812	510975	509844	509543	0.31	cps
Terbium	159-1	8196791	8181702	8132302	8170265	0.41	cps
Terbium	159-2	1458846	1456612	1461088	1458848	0.15	cps
Thallium	203-1	3472166	3418592	3440750	3443836	0.78	cps
Thallium	205-1	8194574	8047170	8066278	8102674	0.99	cps
Tin	118-1	2829636	2854002	2818987	2834208	0.63	cps
Titanium	47-1	401924	404776	402351	403017	0.38	cps
Uranium	238-1	11828458	11556908	11745728	11710365	1.19	cps
Vanadium	51-2	230962	229146	231358	230489	0.51	cps
Yttrium	89-1	6100070	6071771	6056062	6075968	0.37	cps
Yttrium	89-2	166984	165834	167921	166913	0.63	cps
Zinc	66-2	101179	100977	100887	101014	0.15	cps
Zirconium	90-1	6006695	5936844	5942570	5962036	0.65	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:36:37	DataFile Name :	028CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1312893	1315799	1315764	1314818	0.13	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	17	11	43.34	cps
Antimony	121-1	2225	2284	2309	2273	1.88	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	50	42	58	50	16.67	cps
Barium	137-1	50	125	50	75	57.74	cps
Beryllium	9-1	228	283	211	241	15.71	cps
Bismuth	209-1	5347971	5267324	5376005	5330433	1.06	cps
Bismuth	209-2	1250483	1243097	1245731	1246437	0.30	cps
Boron	10-1	2300	2117	2150	2189	4.46	cps
Boron	11-1	11288	10563	10054	10635	5.83	cps
Cadmium	111-1	1020	836	988	948	10.35	cps
Cadmium	106-1	1233	1025	1217	1158	9.99	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	942	792	917	883	9.10	cps
Calcium	44-1	15292	14266	14633	14731	3.53	cps
Chromium	52-2	590	643	590	608	5.07	cps
Cobalt	59-2	27	27	37	30	19.24	cps
Copper	63-2	397	430	310	379	16.35	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	75	75	33	61	39.37	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	7845184	7792665	7858821	7832223	0.45	cps
Holmium	165-2	1495773	1497263	1491162	1494733	0.21	cps
Indium	115-1	6007211	5990664	6014462	6004113	0.20	cps
Indium	115-2	232036	234879	232000	232972	0.71	cps
Iron	56-2	1678	1789	1822	1763	4.29	cps
Iron	57-2	28	28	39	31	20.37	cps
Lead	206-1	839	845	845	843	0.38	cps
Lead	207-1	750	867	706	774	10.75	cps
Lead	208-1	3678	3650	3295	3541	6.04	cps
Lithium	6-1	840606	842675	846363	843215	0.35	cps
Magnesium	24-2	133	208	150	164	24.03	cps
Manganese	55-2	27	27	30	28	6.92	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	317	358	361	12.71	cps
Molybdenum	95-1	217	125	267	203	35.43	cps
Molybdenum	96-1	292	325	242	286	14.66	cps
Molybdenum	97-1	175	192	158	175	9.53	cps
Molybdenum	98-1	392	250	358	333	22.22	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	43	37	53	43.75	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1825	1742	1734	1767	2.87	cps
Rhodium	103-1	5569285	5573216	5634134	5592212	0.65	cps
Rhodium	103-2	1365251	1366027	1355868	1362382	0.42	cps
Scandium	45-1	3094763	3072224	3077934	3081640	0.38	cps
Scandium	45-2	22662	22214	22014	22297	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	62	-68	-5	-4	-1753.79	cps
Silicon	28-1	297053	295107	292718	294959	0.74	cps
Silver	109-1	942	933	908	928	1.87	cps
Silver	107-1	1208	917	883	1003	17.83	cps
Sodium	23-2	6152	6102	5701	5985	4.12	cps
Strontium	86-1	433	425	450	436	2.92	cps
Strontium	88-1	183	250	300	244	23.95	cps
Sulfur	34-1	299445	299281	298270	298999	0.21	cps
Terbium	159-1	8082123	8111586	8194036	8129249	0.71	cps
Terbium	159-2	1466759	1454817	1447483	1456353	0.67	cps
Thallium	203-1	1025	817	775	872	15.36	cps
Thallium	205-1	1975	1817	1875	1889	4.24	cps
Tin	118-1	792	758	767	772	2.25	cps
Titanium	47-1	67	158	108	111	41.31	cps
Uranium	238-1	117	200	175	164	26.09	cps
Vanadium	51-2	13	3	13	10	57.75	cps
Yttrium	89-1	6073780	6085492	6116364	6091879	0.36	cps
Yttrium	89-2	169176	170141	166841	168719	1.01	cps
Zinc	66-2	50	63	23	46	44.71	cps
Zirconium	90-1	617	650	767	678	11.62	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:39:40	DataFile Name :	029CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	192	197	8.80	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	133	117	117	14.29	cps
Antimony	121-1	1659	1784	1792	1745	4.28	cps
Arsenic	75-2	17	17	15	16	6.69	cps
Barium	135-1	265812	257644	262675	262044	1.57	cps
Barium	137-1	460548	456988	456167	457901	0.51	cps
Beryllium	9-1	156	194	156	169	13.32	cps
Bismuth	209-1	5786063	5763168	5017534	5522255	7.92	cps
Bismuth	209-2	1322685	1320337	1311487	1318170	0.45	cps
Boron	10-1	5143	5193	5034	5123	1.58	cps
Boron	11-1	24564	24630	24972	24722	0.89	cps
Cadmium	111-1	1047	1108	877	1011	11.86	cps
Cadmium	106-1	1183	1283	983	1150	13.28	cps
Cadmium	108-1	33	46	17	32	45.80	cps
Calcium	43-1	1902367	1858692	1878713	1879924	1.16	cps
Calcium	44-1	30503599	30435092	30229788	30389493	0.47	cps
Chromium	52-2	690	697	647	678	4.01	cps
Cobalt	59-2	2087	2177	2090	2118	2.41	cps
Copper	63-2	9570	9337	9350	9419	1.39	cps
Dysprosium	156-1	108	92	75	92	18.18	cps
Dysprosium	156-2	37	23	23	28	27.73	cps
Erbium	164-1	183	158	133	158	15.79	cps
Erbium	164-2	37	40	23	33	26.47	cps
Gadolinium	160-1	100	67	167	111	45.83	cps
Gadolinium	160-2	40	33	33	36	10.83	cps
Holmium	165-1	8585021	8532567	7336206	8151265	8.67	cps
Holmium	165-2	1648705	1653125	1630227	1644019	0.74	cps
Indium	115-1	6495012	6579702	5686190	6253635	7.89	cps
Indium	115-2	247514	246288	246627	246810	0.26	cps
Iron	56-2	3779	3462	4401	3880	12.32	cps
Iron	57-2	122	122	122	122	0.00	cps
Lead	206-1	3189	3206	2945	3113	4.70	cps
Lead	207-1	2623	2550	2400	2524	4.49	cps
Lead	208-1	12514	11891	11791	12066	3.24	cps
Lithium	6-1	933148	936102	822125	897125	7.24	cps
Magnesium	24-2	516695	508277	507106	510693	1.02	cps
Manganese	55-2	69328	69217	68608	69051	0.56	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18038	18046	17854	17979	0.60	cps
Molybdenum	95-1	30736	29776	29884	30132	1.74	cps
Molybdenum	96-1	33534	33726	32641	33300	1.74	cps
Molybdenum	97-1	20633	19315	19064	19671	4.29	cps
Molybdenum	98-1	51097	49550	48680	49776	2.46	cps
Neodymium	150-1	107	133	133	124	12.37	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	723	933	767	808	13.73	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	109742	107542	105300	107528	2.07	cps
Rhodium	103-1	5987738	5971931	5110102	5689923	8.83	cps
Rhodium	103-2	1419917	1413998	1410567	1414827	0.33	cps
Scandium	45-1	3406685	3381950	2929832	3239489	8.29	cps
Scandium	45-2	24401	23386	23717	23835	2.17	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	11	9	9	19.98	cps
Selenium	82-1	371	404	394	390	4.32	cps
Silicon	28-1	24733671	24444564	24250705	24476313	0.99	cps
Silver	109-1	567	617	575	586	4.57	cps
Silver	107-1	700	617	725	681	8.34	cps
Sodium	23-2	1147774	1138405	1135940	1140707	0.55	cps
Strontium	86-1	842234	841373	829876	837828	0.82	cps
Strontium	88-1	7340415	7296263	7266180	7300952	0.51	cps
Sulfur	34-1	545725	538281	534959	539655	1.02	cps
Terbium	159-1	8895162	8883098	7655132	8477797	8.40	cps
Terbium	159-2	1603460	1553518	1560470	1572482	1.72	cps
Thallium	203-1	583	583	683	617	9.36	cps
Thallium	205-1	1467	1467	1383	1439	3.34	cps
Tin	118-1	1333	1317	1292	1314	1.60	cps
Titanium	47-1	600	375	525	500	22.91	cps
Uranium	238-1	126817	126656	126488	126654	0.13	cps
Vanadium	51-2	353	390	417	387	8.22	cps
Yttrium	89-1	6654096	6649201	5732696	6345331	8.36	cps
Yttrium	89-2	180332	178390	178533	179085	0.60	cps
Zinc	66-2	693	583	500	592	16.37	cps
Zirconium	90-1	1325	1267	1275	1289	2.45	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05	Instrumnet Name :	P8
Client Sample ID :	TW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:42:53	DataFile Name :	030SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	233	275	297	26.06	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	42	42	20.00	cps
Antimony	121-1	833	758	742	778	6.28	cps
Arsenic	75-2	759	756	782	765	1.83	cps
Barium	135-1	990259	973189	962421	975290	1.44	cps
Barium	137-1	1767353	1738227	1749368	1751649	0.84	cps
Beryllium	9-1	117	222	117	152	40.13	cps
Bismuth	209-1	5695247	5585895	5554268	5611803	1.32	cps
Bismuth	209-2	1288529	1287964	1285563	1287352	0.12	cps
Boron	10-1	6051	5935	6010	5999	0.99	cps
Boron	11-1	29164	28763	29247	29058	0.89	cps
Cadmium	111-1	1039	901	941	960	7.42	cps
Cadmium	106-1	1367	1175	1233	1258	7.81	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	2923682	2909687	2904415	2912595	0.34	cps
Calcium	44-1	47969043	47245038	47264156	47492746	0.87	cps
Chromium	52-2	613	570	633	606	5.35	cps
Cobalt	59-2	2257	2290	2364	2304	2.37	cps
Copper	63-2	8990	8920	8299	8736	4.35	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	92	50	50	64	37.66	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	8415191	8354479	8342751	8370807	0.46	cps
Holmium	165-2	1647410	1587092	1619994	1618165	1.87	cps
Indium	115-1	6464937	6334364	6338501	6379267	1.16	cps
Indium	115-2	243264	243480	242949	243231	0.11	cps
Iron	56-2	6724	6285	6835	6615	4.40	cps
Iron	57-2	244	194	200	213	12.87	cps
Lead	206-1	1756	1628	1417	1600	10.70	cps
Lead	207-1	1433	1400	1328	1387	3.89	cps
Lead	208-1	6745	6217	5845	6269	7.21	cps
Lithium	6-1	920210	915140	894283	909877	1.51	cps
Magnesium	24-2	1250963	1231056	1231475	1237831	0.92	cps
Manganese	55-2	422782	413493	417737	418004	1.11	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10847	11397	10721	10988	3.27	cps
Molybdenum	95-1	18530	18113	17746	18129	2.16	cps
Molybdenum	96-1	19949	19515	20450	19971	2.34	cps
Molybdenum	97-1	11230	11447	11689	11455	2.00	cps
Molybdenum	98-1	30285	29533	29308	29709	1.72	cps
Neodymium	150-1	93	47	33	58	54.53	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1647	1747	1643	1679	3.50	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	142943	140040	140628	141204	1.09	cps
Rhodium	103-1	5829467	5780948	5736203	5782206	0.81	cps
Rhodium	103-2	1388956	1379654	1374972	1381194	0.52	cps
Scandium	45-1	3395207	3354472	3308173	3352617	1.30	cps
Scandium	45-2	23166	23547	23904	23539	1.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	17	70	70	52	58.97	cps
Silicon	28-1	36730764	36374728	36299364	36468286	0.63	cps
Silver	109-1	575	533	625	578	7.94	cps
Silver	107-1	6827	558	642	2676	134.37	cps
Sodium	23-2	5197313	5163898	5186513	5182575	0.33	cps
Strontium	86-1	1022628	1027908	1018803	1023113	0.45	cps
Strontium	88-1	8875471	8876432	8938710	8896871	0.41	cps
Sulfur	34-1	407399	408148	412575	409374	0.68	cps
Terbium	159-1	8840264	8817000	8663095	8773453	1.10	cps
Terbium	159-2	1570250	1544316	1572470	1562345	1.00	cps
Thallium	203-1	325	425	250	333	26.34	cps
Thallium	205-1	1083	733	792	870	21.57	cps
Tin	118-1	592	550	575	572	3.66	cps
Titanium	47-1	575	567	433	525	15.14	cps
Uranium	238-1	27532	27031	27139	27234	0.97	cps
Vanadium	51-2	60	73	53	62	16.37	cps
Yttrium	89-1	6581672	6578796	6434787	6531752	1.29	cps
Yttrium	89-2	180644	178192	179313	179383	0.68	cps
Zinc	66-2	603	707	630	647	8.30	cps
Zirconium	90-1	1984	1884	2184	2017	7.57	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06	Instrumnet Name :	P8
Client Sample ID :	TW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 15:46:01	DataFile Name :	031SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	608	417	481	23.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1617	1400	1517	1511	7.18	cps
Antimony	121-1	1175	1133	1167	1158	1.90	cps
Arsenic	75-2	11	9	9	10	10.81	cps
Barium	135-1	20408	20684	19966	20353	1.78	cps
Barium	137-1	36076	35599	35607	35761	0.76	cps
Beryllium	9-1	144	106	156	135	19.42	cps
Bismuth	209-1	5345250	5379634	5345780	5356888	0.37	cps
Bismuth	209-2	1219648	1217043	1214408	1217033	0.22	cps
Boron	10-1	1242	1433	1267	1314	7.93	cps
Boron	11-1	6318	6010	6710	6346	5.53	cps
Cadmium	111-1	848	793	883	841	5.42	cps
Cadmium	106-1	1083	1033	1167	1095	6.15	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	89317	90373	89343	89677	0.67	cps
Calcium	44-1	1506702	1509541	1495102	1503782	0.51	cps
Chromium	52-2	1477	1340	1410	1409	4.85	cps
Cobalt	59-2	660	693	673	676	2.48	cps
Copper	63-2	1843	1853	1847	1848	0.28	cps
Dysprosium	156-1	858	742	958	853	12.72	cps
Dysprosium	156-2	157	190	143	163	14.71	cps
Erbium	164-1	825	758	817	800	4.54	cps
Erbium	164-2	117	157	157	143	16.11	cps
Gadolinium	160-1	942	908	742	864	12.40	cps
Gadolinium	160-2	223	240	223	229	4.20	cps
Holmium	165-1	7884546	7803924	7837155	7841875	0.52	cps
Holmium	165-2	1472963	1460090	1467794	1466949	0.44	cps
Indium	115-1	6000613	5934692	5982398	5972568	0.57	cps
Indium	115-2	227029	225912	225341	226094	0.38	cps
Iron	56-2	276053	272995	272889	273979	0.66	cps
Iron	57-2	6869	6874	7313	7019	3.64	cps
Lead	206-1	7458	7753	7258	7489	3.32	cps
Lead	207-1	6191	6174	5713	6026	4.50	cps
Lead	208-1	28713	28964	28853	28843	0.43	cps
Lithium	6-1	838943	842826	842554	841441	0.26	cps
Magnesium	24-2	28488	27620	28062	28057	1.55	cps
Manganese	55-2	5541	5588	5628	5586	0.78	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1558	1742	1600	1634	5.89	cps
Molybdenum	95-1	2134	1992	2142	2089	4.04	cps
Molybdenum	96-1	2225	2259	2167	2217	2.09	cps
Molybdenum	97-1	1283	1400	1292	1325	4.91	cps
Molybdenum	98-1	3192	3376	3784	3451	8.78	cps
Neodymium	150-1	1453	1453	1460	1456	0.26	cps
Neodymium	150-2	133	147	223	168	28.95	cps
Nickel	60-2	427	483	497	469	7.93	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	7261	7594	7611	7488	2.64	cps
Rhodium	103-1	5533994	5514477	5591915	5546795	0.73	cps
Rhodium	103-2	1321962	1319187	1328993	1323380	0.38	cps
Scandium	45-1	3043113	3076652	3031695	3050487	0.77	cps
Scandium	45-2	21296	20956	21180	21144	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-23	-14	21	-6	-418.46	cps
Silicon	28-1	2872944	2843293	2786003	2834080	1.56	cps
Silver	109-1	883	950	1000	945	6.20	cps
Silver	107-1	10848	825	925	4200	137.12	cps
Sodium	23-2	58939	57701	58019	58220	1.10	cps
Strontium	86-1	41079	41330	41247	41219	0.31	cps
Strontium	88-1	356294	354423	352632	354450	0.52	cps
Sulfur	34-1	336113	331581	330754	332816	0.87	cps
Terbium	159-1	8185407	8071809	8086983	8114733	0.76	cps
Terbium	159-2	1435930	1432951	1433611	1434164	0.11	cps
Thallium	203-1	533	508	400	481	14.75	cps
Thallium	205-1	1067	992	817	958	13.39	cps
Tin	118-1	942	883	850	892	5.20	cps
Titanium	47-1	20916	20532	20867	20772	1.00	cps
Uranium	238-1	6769	6627	6602	6666	1.35	cps
Vanadium	51-2	510	523	503	512	1.99	cps
Yttrium	89-1	6085852	6010845	6009791	6035496	0.72	cps
Yttrium	89-2	166059	161542	163408	163670	1.39	cps
Zinc	66-2	260	320	323	301	11.84	cps
Zirconium	90-1	1083	1050	817	983	14.78	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:49:09	DataFile Name :	032SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	217	325	261	21.72	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1300	1675	1503	12.60	cps
Antimony	121-1	842	917	808	856	6.49	cps
Arsenic	75-2	13	13	20	15	27.73	cps
Barium	135-1	19924	21168	19674	20255	3.95	cps
Barium	137-1	34713	36886	34313	35304	3.92	cps
Beryllium	9-1	106	106	106	106	0.00	cps
Bismuth	209-1	4958840	5225009	4929841	5037897	3.23	cps
Bismuth	209-2	1180573	1179792	1206831	1189065	1.29	cps
Boron	10-1	1192	1208	1100	1167	5.00	cps
Boron	11-1	5093	5159	4793	5015	3.90	cps
Cadmium	111-1	811	665	795	757	10.63	cps
Cadmium	106-1	1092	908	1042	1014	9.35	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	86131	90332	84881	87115	3.28	cps
Calcium	44-1	1442172	1522340	1432101	1465538	3.37	cps
Chromium	52-2	1363	1380	1447	1397	3.16	cps
Cobalt	59-2	643	727	730	700	7.01	cps
Copper	63-2	1800	1917	1964	1893	4.44	cps
Dysprosium	156-1	925	683	833	814	14.99	cps
Dysprosium	156-2	190	180	160	177	8.65	cps
Erbium	164-1	667	675	900	747	17.72	cps
Erbium	164-2	110	157	97	121	26.01	cps
Gadolinium	160-1	767	875	1377	1006	32.35	cps
Gadolinium	160-2	180	183	243	202	17.63	cps
Holmium	165-1	7210527	7755714	7196541	7387594	4.32	cps
Holmium	165-2	1422785	1427544	1440289	1430206	0.63	cps
Indium	115-1	5589837	5893127	5488810	5657258	3.72	cps
Indium	115-2	215715	217940	219417	217691	0.86	cps
Iron	56-2	271631	274859	274210	273567	0.62	cps
Iron	57-2	6646	6857	6885	6796	1.92	cps
Lead	206-1	6847	7258	7086	7063	2.92	cps
Lead	207-1	5863	6207	5574	5881	5.39	cps
Lead	208-1	27524	28931	26762	27739	3.97	cps
Lithium	6-1	783554	824004	777731	795096	3.17	cps
Magnesium	24-2	27235	27536	28212	27661	1.81	cps
Manganese	55-2	5468	5561	5521	5517	0.85	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1492	1717	1625	1611	7.02	cps
Molybdenum	95-1	1934	1992	1850	1925	3.70	cps
Molybdenum	96-1	2284	2450	2300	2345	3.92	cps
Molybdenum	97-1	1242	1250	1142	1211	4.98	cps
Molybdenum	98-1	3434	3342	3184	3320	3.81	cps
Neodymium	150-1	1580	1447	1267	1431	10.99	cps
Neodymium	150-2	170	147	187	168	11.98	cps
Nickel	60-2	487	480	500	489	2.08	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	7769	7444	8153	7789	4.56	cps
Rhodium	103-1	5097178	5366688	5071561	5178476	3.16	cps
Rhodium	103-2	1277690	1285018	1299240	1287316	0.85	cps
Scandium	45-1	2797020	2964020	2749841	2836960	3.97	cps
Scandium	45-2	20585	20619	20882	20695	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	39	-5	-45	-4	-1062.03	cps
Silicon	28-1	2714188	2824120	2644555	2727621	3.32	cps
Silver	109-1	542	717	717	658	15.35	cps
Silver	107-1	617	725	717	686	8.79	cps
Sodium	23-2	56832	56639	57860	57110	1.15	cps
Strontium	86-1	39299	41355	38857	39837	3.35	cps
Strontium	88-1	337925	362700	333041	344555	4.62	cps
Sulfur	34-1	327504	331806	321304	326871	1.62	cps
Terbium	159-1	7591853	7912903	7482996	7662584	2.92	cps
Terbium	159-2	1381580	1386440	1403276	1390432	0.82	cps
Thallium	203-1	225	233	283	247	12.76	cps
Thallium	205-1	608	692	733	678	9.39	cps
Tin	118-1	833	942	983	920	8.42	cps
Titanium	47-1	19873	20541	19422	19946	2.82	cps
Uranium	238-1	6335	6911	6344	6530	5.05	cps
Vanadium	51-2	523	520	523	522	0.37	cps
Yttrium	89-1	5598263	5898099	5515229	5670530	3.55	cps
Yttrium	89-2	156678	157556	159404	157880	0.88	cps
Zinc	66-2	343	370	317	343	7.77	cps
Zirconium	90-1	1033	1125	1200	1120	7.46	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:52:21	DataFile Name :	033SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	258	242	225	19.60	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	292	233	242	19.20	cps
Antimony	121-1	325	350	317	331	5.25	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	3842	3934	4067	3948	2.87	cps
Barium	137-1	6935	6810	6835	6860	0.96	cps
Beryllium	9-1	128	161	61	117	43.65	cps
Bismuth	209-1	5362724	5435771	5383275	5393924	0.70	cps
Bismuth	209-2	1232223	1229990	1235638	1232617	0.23	cps
Boron	10-1	883	942	825	883	6.60	cps
Boron	11-1	3567	3884	3592	3681	4.78	cps
Cadmium	111-1	883	779	706	789	11.30	cps
Cadmium	106-1	1225	1075	975	1092	11.53	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	17612	18171	18880	18221	3.49	cps
Calcium	44-1	294268	297160	294743	295390	0.53	cps
Chromium	52-2	717	707	730	718	1.63	cps
Cobalt	59-2	180	180	150	170	10.19	cps
Copper	63-2	487	503	483	491	2.18	cps
Dysprosium	156-1	233	217	208	219	5.80	cps
Dysprosium	156-2	50	13	40	34	55.04	cps
Erbium	164-1	183	183	158	175	8.25	cps
Erbium	164-2	23	33	10	22	52.68	cps
Gadolinium	160-1	175	225	217	206	13.03	cps
Gadolinium	160-2	40	27	37	34	20.14	cps
Holmium	165-1	7792250	7873735	7900856	7855614	0.72	cps
Holmium	165-2	1487510	1479064	1482763	1483112	0.29	cps
Indium	115-1	5978258	5987899	5986494	5984217	0.09	cps
Indium	115-2	227947	224775	227146	226622	0.73	cps
Iron	56-2	54099	52901	53403	53468	1.13	cps
Iron	57-2	1172	1261	1450	1295	10.96	cps
Lead	206-1	1950	1850	1967	1922	3.28	cps
Lead	207-1	1761	1850	1911	1841	4.10	cps
Lead	208-1	7996	7968	8479	8148	3.53	cps
Lithium	6-1	837912	845717	839448	841026	0.49	cps
Magnesium	24-2	5927	5426	5385	5579	5.41	cps
Manganese	55-2	1167	1080	1063	1103	5.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	283	408	394	26.58	cps
Molybdenum	95-1	458	508	458	475	6.08	cps
Molybdenum	96-1	550	500	475	508	7.51	cps
Molybdenum	97-1	325	300	300	308	4.68	cps
Molybdenum	98-1	833	825	625	761	15.50	cps
Neodymium	150-1	220	353	267	280	24.16	cps
Neodymium	150-2	40	30	37	36	14.32	cps
Nickel	60-2	107	157	130	131	19.08	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3025	2825	2784	2878	4.49	cps
Rhodium	103-1	5588843	5594734	5583530	5589036	0.10	cps
Rhodium	103-2	1337373	1324139	1336977	1332830	0.56	cps
Scandium	45-1	3066942	3056301	3055276	3059507	0.21	cps
Scandium	45-2	21270	22041	21457	21589	1.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	14	67	39	40	67.25	cps
Silicon	28-1	868074	842676	837501	849417	1.93	cps
Silver	109-1	325	317	408	350	14.48	cps
Silver	107-1	375	458	367	400	12.67	cps
Sodium	23-2	14658	14558	14458	14558	0.69	cps
Strontium	86-1	8086	8203	8478	8256	2.44	cps
Strontium	88-1	69360	67409	69754	68841	1.82	cps
Sulfur	34-1	327319	328862	325740	327307	0.48	cps
Terbium	159-1	8115982	8067769	8113239	8098997	0.33	cps
Terbium	159-2	1436172	1436451	1443887	1438837	0.30	cps
Thallium	203-1	208	208	167	194	12.37	cps
Thallium	205-1	375	558	367	433	25.00	cps
Tin	118-1	617	650	458	575	17.81	cps
Titanium	47-1	3917	4343	3776	4012	7.35	cps
Uranium	238-1	1325	1325	1242	1297	3.71	cps
Vanadium	51-2	67	93	93	84	18.23	cps
Yttrium	89-1	6042537	6035867	6053166	6043856	0.14	cps
Yttrium	89-2	165650	161991	165228	164290	1.22	cps
Zinc	66-2	150	83	107	113	29.85	cps
Zirconium	90-1	475	492	475	481	2.00	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-10-31 15:55:32	DataFile Name :	034SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	58	158	114	44.71	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3317	3451	3692	3487	5.45	cps
Antimony	121-1	215510	212574	209654	212579	1.38	cps
Arsenic	75-2	2093	2006	1887	1995	5.17	cps
Barium	135-1	248637	244870	245087	246198	0.86	cps
Barium	137-1	429957	431550	429178	430228	0.28	cps
Beryllium	9-1	23275	23436	23075	23262	0.78	cps
Bismuth	209-1	5433603	5420193	5438611	5430803	0.18	cps
Bismuth	209-2	1219339	1208688	1219846	1215958	0.52	cps
Boron	10-1	3359	2742	3225	3109	10.44	cps
Boron	11-1	14958	15726	15567	15417	2.63	cps
Cadmium	111-1	47129	46218	46519	46622	1.00	cps
Cadmium	106-1	5793	5568	5943	5768	3.27	cps
Cadmium	108-1	3175	3046	3463	3228	6.61	cps
Calcium	43-1	135179	133395	133521	134032	0.74	cps
Calcium	44-1	2254927	2220550	2243708	2239728	0.78	cps
Chromium	52-2	16960	17267	17328	17185	1.15	cps
Cobalt	59-2	35619	36094	36474	36062	1.19	cps
Copper	63-2	62651	63186	63106	62981	0.46	cps
Dysprosium	156-1	1058	900	942	967	8.49	cps
Dysprosium	156-2	207	163	193	188	11.82	cps
Erbium	164-1	967	933	900	933	3.57	cps
Erbium	164-2	143	173	113	143	20.93	cps
Gadolinium	160-1	817	808	992	872	11.87	cps
Gadolinium	160-2	190	210	223	208	8.08	cps
Holmium	165-1	7917461	7831656	7865792	7871636	0.55	cps
Holmium	165-2	1466165	1467349	1480572	1471362	0.54	cps
Indium	115-1	6030003	5993295	6031739	6018346	0.36	cps
Indium	115-2	220640	220728	222698	221355	0.53	cps
Iron	56-2	804123	800185	802968	802425	0.25	cps
Iron	57-2	20076	20755	20254	20362	1.73	cps
Lead	206-1	159675	157336	158348	158453	0.74	cps
Lead	207-1	144323	144699	142839	143954	0.68	cps
Lead	208-1	647205	643648	644045	644966	0.30	cps
Lithium	6-1	842582	834459	844132	840391	0.62	cps
Magnesium	24-2	86094	84954	86462	85837	0.92	cps
Manganese	55-2	14211	13460	14021	13897	2.81	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	153305	156335	153947	154529	1.03	cps
Molybdenum	95-1	85889	87086	86048	86341	0.75	cps
Molybdenum	96-1	108365	111371	109506	109747	1.38	cps
Molybdenum	97-1	54285	53565	54168	54006	0.71	cps
Molybdenum	98-1	139369	140802	137711	139294	1.11	cps
Neodymium	150-1	1527	1587	1573	1562	2.02	cps
Neodymium	150-2	203	127	147	159	25.03	cps
Nickel	60-2	11275	10778	10991	11015	2.26	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	21158	21885	21868	21637	1.92	cps
Rhodium	103-1	5586758	5556383	5547546	5563562	0.37	cps
Rhodium	103-2	1313893	1308964	1312709	1311855	0.20	cps
Scandium	45-1	3028105	3027703	3039131	3031646	0.21	cps
Scandium	45-2	21009	20809	20709	20842	0.73	cps
Selenium	77-2	17	13	0	10	88.20	cps
Selenium	78-2	52	39	33	41	22.98	cps
Selenium	82-1	2730	2707	2845	2761	2.68	cps
Silicon	28-1	3066005	3074794	3012955	3051252	1.10	cps
Silver	109-1	228102	222239	228806	226382	1.59	cps
Silver	107-1	234619	238333	234025	235659	0.99	cps
Sodium	23-2	177772	180210	177686	178556	0.80	cps
Strontium	86-1	96037	93964	94677	94892	1.11	cps
Strontium	88-1	836987	833933	832052	834324	0.30	cps
Sulfur	34-1	333067	331396	326424	330296	1.05	cps
Terbium	159-1	8211943	8177350	8205593	8198295	0.22	cps
Terbium	159-2	1429239	1420064	1442079	1430461	0.77	cps
Thallium	203-1	187489	187162	188901	187851	0.49	cps
Thallium	205-1	452903	454130	450838	452624	0.37	cps
Tin	118-1	144160	144219	143797	144059	0.16	cps
Titanium	47-1	40995	40134	40000	40376	1.34	cps
Uranium	238-1	606125	607254	613445	608942	0.65	cps
Vanadium	51-2	11722	11608	11945	11758	1.46	cps
Yttrium	89-1	6044009	6008582	5997748	6016780	0.40	cps
Yttrium	89-2	161965	161863	162135	161988	0.09	cps
Zinc	66-2	5678	5735	5525	5646	1.93	cps
Zirconium	90-1	283739	283958	282144	283281	0.35	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 15:58:43	DataFile Name :	035SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	62888	63507	63466	63287	0.55	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : I6234-01MSDDLX20 Instrumnet Name : P8
 Client Sample ID : TW-1MSDDL Dilution Factor : 20
 Date & Time Acquired :: 2017-10-31 16:01:55 DataFile Name : 036SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3526	3701	3601	3609	2.43	cps
Antimony	121-1	216434	213110	214132	214559	0.79	cps
Arsenic	75-2	1969	2072	2069	2037	2.89	cps
Barium	135-1	251676	245359	247509	248181	1.29	cps
Barium	137-1	432301	432764	429172	431412	0.45	cps
Beryllium	9-1	22819	22835	22958	22871	0.33	cps
Bismuth	209-1	5453482	5495408	5418508	5455800	0.71	cps
Bismuth	209-2	1221379	1204085	1196759	1207408	1.05	cps
Boron	10-1	3109	3242	3109	3153	2.44	cps
Boron	11-1	14675	15567	15834	15359	3.95	cps
Cadmium	111-1	47784	46714	47107	47202	1.15	cps
Cadmium	106-1	5660	5768	5626	5685	1.30	cps
Cadmium	108-1	3230	3325	3280	3278	1.46	cps
Calcium	43-1	129980	130981	129628	130196	0.54	cps
Calcium	44-1	2192622	2177286	2194895	2188268	0.44	cps
Chromium	52-2	17655	17414	17291	17453	1.06	cps
Cobalt	59-2	35876	35161	35846	35628	1.14	cps
Copper	63-2	62473	61097	62784	62118	1.45	cps
Dysprosium	156-1	833	975	925	911	7.89	cps
Dysprosium	156-2	147	163	187	166	12.14	cps
Erbium	164-1	925	767	1017	903	14.01	cps
Erbium	164-2	153	163	157	158	3.23	cps
Gadolinium	160-1	867	1025	758	883	15.18	cps
Gadolinium	160-2	243	213	220	226	6.98	cps
Holmium	165-1	7917864	7961165	7856672	7911900	0.66	cps
Holmium	165-2	1472795	1458378	1448504	1459892	0.84	cps
Indium	115-1	5994236	5918151	5936538	5949641	0.67	cps
Indium	115-2	222675	220649	218453	220592	0.96	cps
Iron	56-2	801774	794306	800071	798717	0.49	cps
Iron	57-2	20326	20504	19826	20219	1.74	cps
Lead	206-1	159545	160210	161908	160554	0.76	cps
Lead	207-1	144680	144753	143356	144263	0.55	cps
Lead	208-1	652154	647498	652317	650656	0.42	cps
Lithium	6-1	835204	841596	836210	837670	0.41	cps
Magnesium	24-2	83386	82648	83797	83277	0.70	cps
Manganese	55-2	13991	13984	13837	13937	0.62	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:01:55	DataFile Name :	036SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	155080	153964	153264	154103	0.59	cps
Molybdenum	95-1	85838	86098	86786	86241	0.57	cps
Molybdenum	96-1	111329	111169	108533	110344	1.42	cps
Molybdenum	97-1	54888	53925	54494	54436	0.89	cps
Molybdenum	98-1	138081	137988	139182	138417	0.48	cps
Neodymium	150-1	1593	1747	1620	1653	4.95	cps
Neodymium	150-2	190	167	180	179	6.54	cps
Nickel	60-2	11245	11025	10888	11052	1.63	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	21192	21793	20992	21325	1.95	cps
Rhodium	103-1	5571015	5535556	5576004	5560858	0.40	cps
Rhodium	103-2	1315502	1306340	1294053	1305298	0.82	cps
Scandium	45-1	3007105	3001019	3036575	3014900	0.63	cps
Scandium	45-2	21223	20539	21260	21007	1.93	cps
Selenium	77-2	23	13	3	13	75.02	cps
Selenium	78-2	46	57	54	52	10.78	cps
Selenium	82-1	2625	2818	2693	2712	3.61	cps
Silicon	28-1	3025917	3053399	3269003	3116106	4.27	cps
Silver	109-1	227233	224850	226703	226262	0.55	cps
Silver	107-1	234371	235961	240468	236933	1.33	cps
Sodium	23-2	177586	174651	178109	176782	1.05	cps
Strontium	86-1	96673	95542	96247	96154	0.59	cps
Strontium	88-1	827304	829572	827331	828069	0.16	cps
Sulfur	34-1	325238	324065	319708	323004	0.90	cps
Terbium	159-1	8222711	8280558	8239128	8247466	0.36	cps
Terbium	159-2	1438903	1413182	1412352	1421479	1.06	cps
Thallium	203-1	189335	191830	190740	190635	0.66	cps
Thallium	205-1	455908	461144	458062	458371	0.57	cps
Tin	118-1	145704	144877	144010	144864	0.58	cps
Titanium	47-1	43333	42726	41245	42435	2.53	cps
Uranium	238-1	618405	614770	613231	615469	0.43	cps
Vanadium	51-2	11959	11905	12142	12002	1.04	cps
Yttrium	89-1	6047880	6046866	5965305	6020017	0.79	cps
Yttrium	89-2	161604	158193	160926	160241	1.13	cps
Zinc	66-2	5424	5715	5701	5613	2.92	cps
Zirconium	90-1	288266	289814	284627	287569	0.93	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:01:55	DataFile Name :	036SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	63290	63197	62812	63100	0.40	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3984	3901	3576	3820	5.65	cps
Antimony	121-1	217283	218721	217164	217723	0.40	cps
Arsenic	75-2	2030	1995	1985	2003	1.17	cps
Barium	135-1	251625	252281	248831	250912	0.73	cps
Barium	137-1	437437	437929	438631	437999	0.14	cps
Beryllium	9-1	24260	23314	22735	23436	3.28	cps
Bismuth	209-1	5341573	5395165	5355572	5364103	0.52	cps
Bismuth	209-2	1207270	1197992	1146838	1184033	2.75	cps
Boron	10-1	3267	3217	3184	3223	1.30	cps
Boron	11-1	14691	15818	15809	15439	4.20	cps
Cadmium	111-1	47887	47817	47634	47779	0.27	cps
Cadmium	106-1	5760	5701	5718	5726	0.52	cps
Cadmium	108-1	3088	3296	3180	3188	3.28	cps
Calcium	43-1	134976	133539	135667	134727	0.81	cps
Calcium	44-1	2251342	2256317	2251762	2253140	0.12	cps
Chromium	52-2	17538	17718	17291	17516	1.22	cps
Cobalt	59-2	36147	36210	35926	36095	0.41	cps
Copper	63-2	63883	64077	63601	63854	0.37	cps
Dysprosium	156-1	1075	975	900	983	8.93	cps
Dysprosium	156-2	163	187	160	170	8.55	cps
Erbium	164-1	1108	967	908	995	10.34	cps
Erbium	164-2	193	160	160	171	11.25	cps
Gadolinium	160-1	967	1017	850	945	9.06	cps
Gadolinium	160-2	203	253	233	230	10.94	cps
Holmium	165-1	7860109	7867669	7797978	7841918	0.49	cps
Holmium	165-2	1458958	1446042	1381366	1428789	2.91	cps
Indium	115-1	5992542	5948350	5915395	5952096	0.65	cps
Indium	115-2	220012	219804	208855	216224	2.95	cps
Iron	56-2	809377	807970	812446	809931	0.28	cps
Iron	57-2	20126	20260	20004	20130	0.64	cps
Lead	206-1	161514	163799	161739	162351	0.78	cps
Lead	207-1	146396	147001	146835	146744	0.21	cps
Lead	208-1	659343	664468	659793	661201	0.43	cps
Lithium	6-1	829099	830360	828781	829413	0.10	cps
Magnesium	24-2	83260	85364	84987	84537	1.33	cps
Manganese	55-2	14127	13854	13800	13927	1.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	155835	157740	155186	156254	0.85	cps
Molybdenum	95-1	87624	87439	88027	87697	0.34	cps
Molybdenum	96-1	112160	112144	111640	111981	0.26	cps
Molybdenum	97-1	54535	56042	55966	55514	1.53	cps
Molybdenum	98-1	140884	139562	140260	140235	0.47	cps
Neodymium	150-1	1707	1547	1707	1654	5.59	cps
Neodymium	150-2	157	163	210	177	16.45	cps
Nickel	60-2	11515	11171	11141	11276	1.84	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	21542	20916	21417	21292	1.56	cps
Rhodium	103-1	5458926	5494321	5473883	5475710	0.32	cps
Rhodium	103-2	1298760	1295722	1239563	1278015	2.61	cps
Scandium	45-1	2963780	3015113	2930550	2969814	1.43	cps
Scandium	45-2	20105	20742	19617	20155	2.80	cps
Selenium	77-2	13	17	27	19	36.75	cps
Selenium	78-2	57	44	30	44	31.72	cps
Selenium	82-1	2830	2787	2814	2810	0.77	cps
Silicon	28-1	3057210	3096408	3024467	3059361	1.18	cps
Silver	109-1	229274	228925	227883	228694	0.32	cps
Silver	107-1	238655	239894	239509	239352	0.26	cps
Sodium	23-2	178280	181728	178420	179476	1.09	cps
Strontium	86-1	94803	98260	98185	97083	2.03	cps
Strontium	88-1	842629	853618	841514	845920	0.79	cps
Sulfur	34-1	319593	321906	316745	319415	0.81	cps
Terbium	159-1	8148664	8087005	8137475	8124381	0.40	cps
Terbium	159-2	1414822	1399390	1337488	1383900	2.96	cps
Thallium	203-1	192258	194366	195356	193993	0.82	cps
Thallium	205-1	466305	466322	463167	465265	0.39	cps
Tin	118-1	147698	146729	147006	147144	0.34	cps
Titanium	47-1	96440	41596	41596	59877	52.88	cps
Uranium	238-1	625229	627400	629366	627332	0.33	cps
Vanadium	51-2	11762	12656	11845	12088	4.09	cps
Yttrium	89-1	5957641	6053458	5945413	5985504	0.99	cps
Yttrium	89-2	157843	157974	151735	155851	2.29	cps
Zinc	66-2	5811	5758	5364	5645	4.32	cps
Zirconium	90-1	292099	294446	292364	292970	0.44	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:05:06	DataFile Name :	037SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	65124	65458	64998	65193	0.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	217	183	200	8.33	cps
Antimony	121-1	458	400	458	439	7.67	cps
Arsenic	75-2	137	128	124	130	5.15	cps
Barium	135-1	56237	56991	55467	56232	1.35	cps
Barium	137-1	98733	99581	99623	99312	0.51	cps
Beryllium	9-1	72	100	72	81	19.68	cps
Bismuth	209-1	5456723	5397816	5380765	5411768	0.74	cps
Bismuth	209-2	1199072	1188852	1190756	1192893	0.46	cps
Boron	10-1	850	858	800	836	3.77	cps
Boron	11-1	4368	3984	3992	4115	5.32	cps
Cadmium	111-1	756	726	864	782	9.25	cps
Cadmium	106-1	1067	1000	1175	1081	8.17	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	133246	133076	134254	133525	0.48	cps
Calcium	44-1	2263873	2256282	2229307	2249821	0.81	cps
Chromium	52-2	710	703	670	694	3.09	cps
Cobalt	59-2	193	150	167	170	12.86	cps
Copper	63-2	447	500	463	470	5.81	cps
Dysprosium	156-1	58	133	108	100	38.19	cps
Dysprosium	156-2	23	20	13	19	26.96	cps
Erbium	164-1	108	242	158	169	39.75	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	150	117	208	158	29.31	cps
Gadolinium	160-2	17	27	37	27	37.50	cps
Holmium	165-1	7901423	7760504	7801327	7821085	0.93	cps
Holmium	165-2	1451390	1432251	1435868	1439836	0.71	cps
Indium	115-1	5888990	5917543	5926618	5911051	0.33	cps
Indium	115-2	219100	216517	217171	217596	0.62	cps
Iron	56-2	298064	295202	294746	296004	0.61	cps
Iron	57-2	7241	7663	7324	7410	3.02	cps
Lead	206-1	956	1045	1067	1022	5.75	cps
Lead	207-1	845	744	856	815	7.51	cps
Lead	208-1	3945	3856	4089	3963	2.97	cps
Lithium	6-1	817162	816282	825556	819667	0.62	cps
Magnesium	24-2	55869	55735	55200	55601	0.64	cps
Manganese	55-2	19591	19143	19087	19273	1.43	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	750	750	753	0.64	cps
Molybdenum	95-1	833	942	883	886	6.12	cps
Molybdenum	96-1	1142	992	1242	1125	11.19	cps
Molybdenum	97-1	592	533	650	592	9.86	cps
Molybdenum	98-1	1325	1675	1358	1453	13.30	cps
Neodymium	150-1	160	173	140	158	10.63	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	200	177	187	188	6.24	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	7903	7703	7719	7775	1.43	cps
Rhodium	103-1	5440352	5368544	5444231	5417709	0.79	cps
Rhodium	103-2	1289814	1289012	1284744	1287857	0.21	cps
Scandium	45-1	3002635	2930515	2935216	2956122	1.36	cps
Scandium	45-2	20275	19457	20792	20175	3.34	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	5	-35	-47	-26	-105.68	cps
Silicon	28-1	2145382	2136962	2131120	2137821	0.34	cps
Silver	109-1	400	283	375	353	17.41	cps
Silver	107-1	492	600	408	500	19.22	cps
Sodium	23-2	240107	239710	239509	239775	0.13	cps
Strontium	86-1	47877	49449	48696	48674	1.62	cps
Strontium	88-1	423439	422604	422647	422896	0.11	cps
Sulfur	34-1	310042	305647	309869	308519	0.81	cps
Terbium	159-1	8176367	8058870	8107688	8114308	0.73	cps
Terbium	159-2	1404913	1394448	1399655	1399672	0.37	cps
Thallium	203-1	217	192	200	203	6.28	cps
Thallium	205-1	625	550	708	628	12.62	cps
Tin	118-1	592	500	717	603	18.04	cps
Titanium	47-1	3259	2800	3126	3062	7.70	cps
Uranium	238-1	1325	1559	1425	1436	8.15	cps
Vanadium	51-2	40	120	83	81	49.37	cps
Yttrium	89-1	5947148	5928328	5908143	5927873	0.33	cps
Yttrium	89-2	158574	155907	156717	157066	0.87	cps
Zinc	66-2	133	123	123	127	4.56	cps
Zirconium	90-1	800	550	625	658	19.49	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:08:18	DataFile Name :	038SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	125	225	172	29.17	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	250	158	208	206	22.33	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	12214	11789	11764	11923	2.12	cps
Barium	137-1	20250	20542	20851	20547	1.46	cps
Beryllium	9-1	44	61	78	61	27.27	cps
Bismuth	209-1	5416588	5372705	5351931	5380408	0.61	cps
Bismuth	209-2	1212740	1197889	1205080	1205236	0.62	cps
Boron	10-1	608	633	825	689	17.21	cps
Boron	11-1	3125	3050	3459	3212	6.77	cps
Cadmium	111-1	736	799	734	756	4.85	cps
Cadmium	106-1	1017	1092	1033	1047	3.76	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	79945	80665	80238	80283	0.45	cps
Calcium	44-1	1361121	1343140	1347816	1350692	0.69	cps
Chromium	52-2	603	590	590	594	1.30	cps
Cobalt	59-2	97	120	143	120	19.45	cps
Copper	63-2	647	627	600	624	3.75	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7691860	7716167	7660681	7689569	0.36	cps
Holmium	165-2	1448372	1437005	1424502	1436627	0.83	cps
Indium	115-1	5838614	5844049	5844202	5842288	0.05	cps
Indium	115-2	221437	219956	218741	220045	0.61	cps
Iron	56-2	1172	1083	1067	1107	5.12	cps
Iron	57-2	50	28	44	41	28.38	cps
Lead	206-1	922	972	856	917	6.38	cps
Lead	207-1	783	839	694	772	9.44	cps
Lead	208-1	3567	3506	3339	3471	3.40	cps
Lithium	6-1	814831	813230	806837	811633	0.52	cps
Magnesium	24-2	22877	21951	22594	22474	2.11	cps
Manganese	55-2	3084	3037	3114	3078	1.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1067	933	958	986	7.19	cps
Molybdenum	95-1	1333	1258	1300	1297	2.90	cps
Molybdenum	96-1	1692	1442	1242	1458	15.46	cps
Molybdenum	97-1	917	883	858	886	3.30	cps
Molybdenum	98-1	2117	2184	2234	2178	2.69	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	87	63	83	22.27	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6118	6027	5785	5977	2.88	cps
Rhodium	103-1	5391635	5458024	5392966	5414208	0.70	cps
Rhodium	103-2	1294866	1289184	1283609	1289220	0.44	cps
Scandium	45-1	2988977	2940823	2952507	2960769	0.85	cps
Scandium	45-2	21036	20582	20352	20656	1.69	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	4	9	-22	-3	-510.48	cps
Silicon	28-1	1334539	1330056	1332626	1332407	0.17	cps
Silver	109-1	258	167	317	247	30.58	cps
Silver	107-1	325	308	225	286	18.73	cps
Sodium	23-2	51394	51745	51461	51533	0.36	cps
Strontium	86-1	36475	37235	37193	36968	1.16	cps
Strontium	88-1	319029	319515	317763	318769	0.28	cps
Sulfur	34-1	322419	322622	319514	321518	0.54	cps
Terbium	159-1	8069562	8021825	7963773	8018387	0.66	cps
Terbium	159-2	1411608	1404569	1390355	1402177	0.77	cps
Thallium	203-1	175	217	200	197	10.63	cps
Thallium	205-1	425	475	500	467	8.18	cps
Tin	118-1	292	433	375	367	19.42	cps
Titanium	47-1	117	100	92	103	12.38	cps
Uranium	238-1	5735	5285	5285	5435	4.78	cps
Vanadium	51-2	33	30	7	23	62.26	cps
Yttrium	89-1	5887255	5902097	5926368	5905240	0.33	cps
Yttrium	89-2	160506	158163	159226	159298	0.74	cps
Zinc	66-2	67	67	50	61	15.75	cps
Zirconium	90-1	508	533	442	494	9.58	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-05DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:11:29	DataFile Name :	039SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	108	108	0.00	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209524	210876	214344	211581	1.17	cps
Antimony	121-1	3955892	3951277	4036072	3981080	1.20	cps
Arsenic	75-2	37131	36875	37376	37128	0.68	cps
Barium	135-1	4239393	4237663	4291220	4256092	0.72	cps
Barium	137-1	7387536	7404281	7403204	7398340	0.13	cps
Beryllium	9-1	423486	418582	424407	422158	0.74	cps
Bismuth	209-1	4977894	5014318	5038191	5010134	0.61	cps
Bismuth	209-2	1149622	1148991	1164336	1154317	0.75	cps
Boron	10-1	46292	49645	48792	48243	3.61	cps
Boron	11-1	227697	231837	235248	231594	1.63	cps
Cadmium	111-1	804212	802266	804322	803600	0.14	cps
Cadmium	106-1	82587	85000	83281	83623	1.49	cps
Cadmium	108-1	56238	56987	56104	56443	0.84	cps
Calcium	43-1	3752625	3708059	3750871	3737185	0.68	cps
Calcium	44-1	60765072	61244933	61420903	61143636	0.56	cps
Chromium	52-2	299146	297629	302296	299690	0.79	cps
Cobalt	59-2	641887	641415	648824	644042	0.64	cps
Copper	63-2	1117219	1117244	1131364	1121942	0.73	cps
Dysprosium	156-1	67	100	83	83	20.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	75	33	92	67	45.07	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7652509	7686733	7616082	7651775	0.46	cps
Holmium	165-2	1457305	1454692	1464699	1458899	0.36	cps
Indium	115-1	5668106	5583223	5693830	5648386	1.02	cps
Indium	115-2	215459	214661	217298	215806	0.63	cps
Iron	56-2	49143421	48935709	50075382	49384837	1.23	cps
Iron	57-2	1235966	1242712	1255995	1244891	0.82	cps
Lead	206-1	2705257	2752338	2760315	2739304	1.09	cps
Lead	207-1	2449305	2495107	2471235	2471882	0.93	cps
Lead	208-1	11039009	11192045	11173229	11134761	0.75	cps
Lithium	6-1	793913	795047	803521	797494	0.66	cps
Magnesium	24-2	5082437	5021566	5096630	5066877	0.79	cps
Manganese	55-2	164579	164391	166593	165188	0.74	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3052321	3052707	3039601	3048210	0.24	cps
Molybdenum	95-1	1631667	1637584	1676885	1648712	1.49	cps
Molybdenum	96-1	2178710	2164806	2182113	2175210	0.42	cps
Molybdenum	97-1	1000008	994123	1005774	999968	0.58	cps
Molybdenum	98-1	2667312	2680506	2653582	2667133	0.50	cps
Neodymium	150-1	220	200	227	216	6.44	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	188197	189203	191879	189759	1.00	cps
Phosphorus	31-2	2950	2859	3059	2956	3.39	cps
Potassium	39-2	1413258	1421576	1430650	1421828	0.61	cps
Rhodium	103-1	5111684	5131337	5178955	5140659	0.67	cps
Rhodium	103-2	1238156	1227341	1256617	1240705	1.19	cps
Scandium	45-1	3006472	2980054	3023532	3003353	0.73	cps
Scandium	45-2	21573	21867	22512	21984	2.18	cps
Selenium	77-2	257	267	300	274	8.27	cps
Selenium	78-2	856	863	846	855	0.98	cps
Selenium	82-1	48769	48577	48612	48653	0.21	cps
Silicon	28-1	1588575	1619300	1590415	1599430	1.08	cps
Silver	109-1	3856840	3772172	3786913	3805308	1.19	cps
Silver	107-1	3988309	4014496	3992112	3998306	0.35	cps
Sodium	23-2	11625175	11528859	11733425	11629153	0.88	cps
Strontium	86-1	1028773	1028070	1020164	1025669	0.47	cps
Strontium	88-1	8972689	9015988	8973016	8987231	0.28	cps
Sulfur	34-1	527262	519611	527206	524693	0.84	cps
Terbium	159-1	7922149	7954658	7963589	7946799	0.27	cps
Terbium	159-2	1420934	1415634	1429790	1422119	0.50	cps
Thallium	203-1	3364890	3350032	3344328	3353083	0.32	cps
Thallium	205-1	7844583	7884904	7902311	7877266	0.38	cps
Tin	118-1	2742663	2742981	2758896	2748180	0.34	cps
Titanium	47-1	384650	385933	388668	386417	0.53	cps
Uranium	238-1	11325507	11303141	11556784	11395144	1.23	cps
Vanadium	51-2	221477	219924	221835	221078	0.46	cps
Yttrium	89-1	5872248	5849517	5883793	5868520	0.30	cps
Yttrium	89-2	161849	162277	163924	162684	0.67	cps
Zinc	66-2	99433	97852	100068	99118	1.15	cps
Zirconium	90-1	5767807	5792483	5800577	5786955	0.29	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:14:40	DataFile Name :	040CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1264749	1264160	1269797	1266235	0.24	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:17:43	DataFile Name :	041CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	2375	2259	2117	2250	5.75	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	150	67	33	83	72.11	cps
Barium	137-1	92	108	67	89	23.59	cps
Beryllium	9-1	167	122	233	174	32.13	cps
Bismuth	209-1	5336011	5337731	5384760	5352834	0.52	cps
Bismuth	209-2	1230872	1243560	1240182	1238205	0.53	cps
Boron	10-1	1667	1533	1383	1528	9.28	cps
Boron	11-1	8470	7427	6610	7502	12.42	cps
Cadmium	111-1	974	871	778	874	11.21	cps
Cadmium	106-1	1242	1133	1025	1133	9.56	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	908	958	950	939	2.85	cps
Calcium	44-1	13207	12514	12398	12706	3.44	cps
Chromium	52-2	587	553	583	574	3.20	cps
Cobalt	59-2	23	37	30	30	22.23	cps
Copper	63-2	253	197	233	228	12.62	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7772330	7788225	7782268	7780941	0.10	cps
Holmium	165-2	1479150	1488473	1474848	1480824	0.47	cps
Indium	115-1	6030448	6026325	6014898	6023890	0.13	cps
Indium	115-2	228573	231754	229641	229989	0.70	cps
Iron	56-2	1539	1828	1822	1730	9.55	cps
Iron	57-2	17	17	44	26	61.85	cps
Lead	206-1	900	833	878	870	3.90	cps
Lead	207-1	750	806	883	813	8.24	cps
Lead	208-1	3578	3484	3734	3598	3.51	cps
Lithium	6-1	839166	837816	844924	840635	0.45	cps
Magnesium	24-2	192	175	125	164	21.17	cps
Manganese	55-2	13	10	10	11	17.30	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:17:43	DataFile Name :	041CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	533	358	417	24.25	cps
Molybdenum	95-1	158	142	183	161	13.02	cps
Molybdenum	96-1	258	367	400	342	21.68	cps
Molybdenum	97-1	75	117	133	108	27.74	cps
Molybdenum	98-1	333	283	275	297	10.61	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	50	73	74	33.61	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	1884	1992	1825	1900	4.45	cps
Rhodium	103-1	5644228	5619240	5588676	5617381	0.50	cps
Rhodium	103-2	1338601	1347032	1337265	1340966	0.39	cps
Scandium	45-1	3127293	3107284	3104848	3113142	0.40	cps
Scandium	45-2	22365	22612	22074	22350	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-30	48	22	13	302.05	cps
Silicon	28-1	282806	279006	280886	280899	0.68	cps
Silver	109-1	408	350	350	369	9.12	cps
Silver	107-1	442	442	442	442	0.00	cps
Sodium	23-2	5651	5535	5868	5685	2.98	cps
Strontium	86-1	500	467	425	464	8.10	cps
Strontium	88-1	217	233	192	214	9.81	cps
Sulfur	34-1	322732	321301	319503	321179	0.50	cps
Terbium	159-1	8052077	8072252	8034861	8053063	0.23	cps
Terbium	159-2	1438367	1451661	1442231	1444086	0.47	cps
Thallium	203-1	900	1000	775	892	12.64	cps
Thallium	205-1	2200	1992	1842	2011	8.95	cps
Tin	118-1	833	733	625	731	14.26	cps
Titanium	47-1	75	83	92	83	10.00	cps
Uranium	238-1	242	217	200	219	9.56	cps
Vanadium	51-2	10	13	0	8	89.21	cps
Yttrium	89-1	6018070	5987471	6075028	6026856	0.74	cps
Yttrium	89-2	167543	166901	167135	167193	0.19	cps
Zinc	66-2	60	37	27	41	41.60	cps
Zirconium	90-1	750	950	658	786	18.97	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:17:43	DataFile Name :	041CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	158	142	178	27.47	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	608	750	892	750	18.89	cps
Arsenic	75-2	35	19	33	29	31.49	cps
Barium	135-1	44492	44317	43873	44228	0.72	cps
Barium	137-1	76287	76153	75625	76022	0.46	cps
Beryllium	9-1	83	89	150	107	34.44	cps
Bismuth	209-1	5462956	5404285	5363832	5410358	0.92	cps
Bismuth	209-2	1247839	1246595	1242889	1245774	0.21	cps
Boron	10-1	1067	1058	967	1031	5.38	cps
Boron	11-1	5026	5443	5251	5240	3.98	cps
Cadmium	111-1	775	841	793	803	4.28	cps
Cadmium	106-1	1050	1158	1117	1108	4.93	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	128290	128374	127415	128026	0.41	cps
Calcium	44-1	2159196	2140438	2163262	2154299	0.57	cps
Chromium	52-2	547	603	587	579	5.03	cps
Cobalt	59-2	123	107	87	106	17.39	cps
Copper	63-2	577	573	450	533	13.54	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	83	58	42	61	34.32	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	7819601	7842609	7860218	7840809	0.26	cps
Holmium	165-2	1511097	1490810	1494268	1498725	0.72	cps
Indium	115-1	6011413	6031542	6003365	6015440	0.24	cps
Indium	115-2	231833	230729	232024	231529	0.30	cps
Iron	56-2	1622	1506	1483	1537	4.85	cps
Iron	57-2	67	17	22	35	77.89	cps
Lead	206-1	833	800	867	833	4.00	cps
Lead	207-1	817	889	767	824	7.46	cps
Lead	208-1	3634	3611	3628	3624	0.32	cps
Lithium	6-1	845682	846512	847856	846683	0.13	cps
Magnesium	24-2	54237	54940	55308	54829	0.99	cps
Manganese	55-2	18813	19000	18866	18893	0.51	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	717	733	708	719	1.77	cps
Molybdenum	95-1	783	833	742	786	5.84	cps
Molybdenum	96-1	950	1083	950	995	7.74	cps
Molybdenum	97-1	542	650	517	569	12.45	cps
Molybdenum	98-1	1350	1367	1317	1345	1.89	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	120	153	130	15.60	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8578	7969	7794	8114	5.07	cps
Rhodium	103-1	5612626	5626787	5584274	5607895	0.39	cps
Rhodium	103-2	1353759	1356882	1343510	1351384	0.52	cps
Scandium	45-1	3117062	3107977	3151241	3125427	0.73	cps
Scandium	45-2	22525	22104	22138	22256	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-4	-125	-52	-61	-100.22	cps
Silicon	28-1	1922841	1919070	1893078	1911663	0.85	cps
Silver	109-1	175	325	258	253	29.73	cps
Silver	107-1	417	300	300	339	19.88	cps
Sodium	23-2	239659	240236	239701	239865	0.13	cps
Strontium	86-1	45385	46489	45677	45850	1.25	cps
Strontium	88-1	398861	396057	398053	397657	0.36	cps
Sulfur	34-1	328517	324624	326468	326537	0.60	cps
Terbium	159-1	8153125	8137205	8183150	8157826	0.29	cps
Terbium	159-2	1453121	1453211	1456073	1454135	0.12	cps
Thallium	203-1	333	483	383	400	19.09	cps
Thallium	205-1	1100	1025	1008	1045	4.68	cps
Tin	118-1	467	342	483	431	17.98	cps
Titanium	47-1	158	125	150	144	12.01	cps
Uranium	238-1	1233	1317	1258	1270	3.37	cps
Vanadium	51-2	7	17	3	9	78.08	cps
Yttrium	89-1	6126311	6094648	6092191	6104383	0.31	cps
Yttrium	89-2	169099	169969	168261	169110	0.50	cps
Zinc	66-2	80	90	53	74	25.46	cps
Zirconium	90-1	667	592	642	633	6.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-06DLX20	Instrumnet Name :	P8
Client Sample ID :	TW-5DL	Dilution Factor :	20
Date & Time Acquired ::	2017-10-31 16:20:55	DataFile Name :	042SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	133	122	7.87	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222754	221772	223312	222613	0.35	cps
Antimony	121-1	4097453	4042564	4075313	4071777	0.68	cps
Arsenic	75-2	38736	38803	38292	38610	0.72	cps
Barium	135-1	4333444	4303137	4309186	4315256	0.37	cps
Barium	137-1	7504251	7452522	7532621	7496465	0.54	cps
Beryllium	9-1	438517	440397	440226	439713	0.24	cps
Bismuth	209-1	5089980	5013222	5082533	5061912	0.84	cps
Bismuth	209-2	1178297	1182275	1179594	1180055	0.17	cps
Boron	10-1	51041	49427	51870	50779	2.45	cps
Boron	11-1	236823	241525	247731	242026	2.26	cps
Cadmium	111-1	815637	815097	812242	814325	0.22	cps
Cadmium	106-1	84162	85093	82545	83933	1.54	cps
Cadmium	108-1	58179	57439	57723	57781	0.65	cps
Calcium	43-1	3869791	3927577	3875646	3891005	0.82	cps
Calcium	44-1	63181362	63557020	63868487	63535623	0.54	cps
Chromium	52-2	311834	312180	313578	312531	0.30	cps
Cobalt	59-2	663415	664516	664317	664083	0.09	cps
Copper	63-2	1156265	1149244	1149659	1151723	0.34	cps
Dysprosium	156-1	75	125	92	97	26.19	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	75	33	67	58	37.80	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	133	100	117	117	14.29	cps
Gadolinium	160-2	43	10	7	20	101.36	cps
Holmium	165-1	7840275	7798600	7807950	7815608	0.28	cps
Holmium	165-2	1498668	1503656	1502740	1501688	0.18	cps
Indium	115-1	5765507	5650532	5786665	5734235	1.28	cps
Indium	115-2	222541	223821	220869	222410	0.67	cps
Iron	56-2	51269376	51436891	51109383	51271884	0.32	cps
Iron	57-2	1278212	1282899	1287181	1282764	0.35	cps
Lead	206-1	2743591	2743740	2771085	2752806	0.58	cps
Lead	207-1	2486168	2500738	2483710	2490205	0.37	cps
Lead	208-1	11211708	11227436	11165472	11201539	0.29	cps
Lithium	6-1	828715	827834	831040	829197	0.20	cps
Magnesium	24-2	5291573	5282283	5296008	5289955	0.13	cps
Manganese	55-2	172682	173718	172628	173009	0.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3113343	3138387	3108543	3120091	0.51	cps
Molybdenum	95-1	1665532	1693488	1666262	1675094	0.95	cps
Molybdenum	96-1	2206881	2216879	2187633	2203798	0.67	cps
Molybdenum	97-1	1019997	1028327	1016575	1021633	0.59	cps
Molybdenum	98-1	2732979	2738334	2696651	2722654	0.83	cps
Neodymium	150-1	227	300	260	262	14.00	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	194816	196759	195498	195691	0.50	cps
Phosphorus	31-2	3192	3367	3151	3237	3.55	cps
Potassium	39-2	1486236	1515734	1504174	1502048	0.99	cps
Rhodium	103-1	5234119	5251403	5221164	5235562	0.29	cps
Rhodium	103-2	1268662	1283259	1281347	1277756	0.62	cps
Scandium	45-1	3152831	3110635	3192284	3151917	1.30	cps
Scandium	45-2	23032	23446	23794	23424	1.63	cps
Selenium	77-2	267	273	253	264	3.85	cps
Selenium	78-2	939	856	943	912	5.39	cps
Selenium	82-1	49794	50485	49678	49986	0.87	cps
Silicon	28-1	1674830	1672509	1665725	1671021	0.28	cps
Silver	109-1	3853526	3823142	3865117	3847262	0.56	cps
Silver	107-1	4060694	4048300	4105246	4071413	0.74	cps
Sodium	23-2	12192995	12138144	12207956	12179699	0.30	cps
Strontium	86-1	1044966	1063771	1056530	1055089	0.90	cps
Strontium	88-1	9114515	9176386	9137568	9142823	0.34	cps
Sulfur	34-1	541611	536847	540162	539540	0.45	cps
Terbium	159-1	8094889	8042605	8044019	8060504	0.37	cps
Terbium	159-2	1448102	1448573	1456332	1451002	0.32	cps
Thallium	203-1	3380013	3382802	3365804	3376207	0.27	cps
Thallium	205-1	8002836	7928822	7977610	7969756	0.47	cps
Tin	118-1	2791171	2776637	2800089	2789299	0.42	cps
Titanium	47-1	399968	404301	401894	402055	0.54	cps
Uranium	238-1	11358818	11437835	11220944	11339199	0.97	cps
Vanadium	51-2	229681	230085	230763	230176	0.24	cps
Yttrium	89-1	6065794	6004565	6064214	6044857	0.58	cps
Yttrium	89-2	169284	170775	170067	170042	0.44	cps
Zinc	66-2	104684	103462	104665	104270	0.67	cps
Zirconium	90-1	5907644	5901312	5849111	5886022	0.55	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:25:18	DataFile Name :	043CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1283132	1289290	1285740	1286054	0.24	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 16:28:21 DataFile Name : 044CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	2375	2434	2342	2384	1.95	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	42	25	33	33	25.01	cps
Barium	137-1	150	75	50	92	56.78	cps
Beryllium	9-1	183	200	261	215	19.06	cps
Bismuth	209-1	5270011	5246043	5301980	5272678	0.53	cps
Bismuth	209-2	1235464	1244520	1239204	1239729	0.37	cps
Boron	10-1	1659	1775	1759	1731	3.65	cps
Boron	11-1	8853	7686	7519	8019	9.07	cps
Cadmium	111-1	915	929	867	904	3.58	cps
Cadmium	106-1	1225	1200	1142	1189	3.60	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Calcium	43-1	900	842	692	811	13.25	cps
Calcium	44-1	12890	13006	12256	12717	3.18	cps
Chromium	52-2	653	657	593	634	5.62	cps
Cobalt	59-2	13	20	40	24	56.78	cps
Copper	63-2	253	227	227	236	6.54	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	7658935	7648658	7680961	7662851	0.22	cps
Holmium	165-2	1487597	1494064	1486147	1489270	0.28	cps
Indium	115-1	5976524	6011144	5998280	5995316	0.29	cps
Indium	115-2	234419	233214	232085	233239	0.50	cps
Iron	56-2	1811	1834	1606	1750	7.18	cps
Iron	57-2	28	22	17	22	25.00	cps
Lead	206-1	883	911	883	893	1.80	cps
Lead	207-1	772	772	744	763	2.10	cps
Lead	208-1	3634	3578	3417	3543	3.18	cps
Lithium	6-1	848111	850871	851069	850017	0.19	cps
Magnesium	24-2	58	150	133	114	42.87	cps
Manganese	55-2	17	23	17	19	20.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:28:21	DataFile Name :	044CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	475	492	500	6.01	cps
Molybdenum	95-1	167	192	117	158	24.12	cps
Molybdenum	96-1	333	258	292	294	12.76	cps
Molybdenum	97-1	67	125	167	119	42.05	cps
Molybdenum	98-1	433	408	267	369	24.33	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	47	77	62	24.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2192	1942	2092	2075	6.06	cps
Rhodium	103-1	5596820	5575385	5559474	5577227	0.34	cps
Rhodium	103-2	1356756	1347189	1357253	1353733	0.42	cps
Scandium	45-1	3163712	3146455	3141335	3150501	0.37	cps
Scandium	45-2	23406	22805	23233	23148	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-26	-35	17	-15	-187.43	cps
Silicon	28-1	291150	290659	292145	291318	0.26	cps
Silver	109-1	392	375	325	364	9.53	cps
Silver	107-1	392	375	400	389	3.27	cps
Sodium	23-2	6502	6085	5735	6107	6.29	cps
Strontium	86-1	575	417	600	531	18.74	cps
Strontium	88-1	275	242	125	214	36.82	cps
Sulfur	34-1	322895	321105	323176	322392	0.35	cps
Terbium	159-1	8106467	8019481	8028283	8051411	0.59	cps
Terbium	159-2	1445738	1452604	1446555	1448299	0.26	cps
Thallium	203-1	958	1017	817	931	11.05	cps
Thallium	205-1	2275	2284	2259	2273	0.56	cps
Tin	118-1	917	767	800	828	9.52	cps
Titanium	47-1	92	125	133	117	18.90	cps
Uranium	238-1	150	200	142	164	19.25	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	6094482	6070094	6100070	6088215	0.26	cps
Yttrium	89-2	171944	170910	171315	171390	0.30	cps
Zinc	66-2	47	47	53	49	7.86	cps
Zirconium	90-1	858	750	692	767	11.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 16:28:21	DataFile Name :	044CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	200	125	172	23.87	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12514	12673	12398	12528	1.10	cps
Antimony	121-1	6985	6577	5351	6305	13.49	cps
Arsenic	75-2	93	89	94	92	3.08	cps
Barium	135-1	200658	201338	203901	201966	0.85	cps
Barium	137-1	353078	356990	355853	355307	0.57	cps
Beryllium	9-1	194	178	172	181	6.37	cps
Bismuth	209-1	5375981	5460847	5431235	5422687	0.79	cps
Bismuth	209-2	1175252	1168366	1162837	1168818	0.53	cps
Boron	10-1	2409	2150	2300	2286	5.67	cps
Boron	11-1	10554	11121	11005	10893	2.75	cps
Cadmium	111-1	1083	1075	1109	1089	1.61	cps
Cadmium	106-1	1033	1083	1058	1058	2.36	cps
Cadmium	108-1	33	42	46	40	15.80	cps
Calcium	43-1	840427	844993	837471	840963	0.45	cps
Calcium	44-1	13947816	14036719	13741095	13908544	1.09	cps
Chromium	52-2	8189	8096	7916	8067	1.72	cps
Cobalt	59-2	6625	6652	6568	6615	0.64	cps
Copper	63-2	15289	14841	15032	15054	1.49	cps
Dysprosium	156-1	8962	8545	8820	8776	2.42	cps
Dysprosium	156-2	1653	1643	1550	1616	3.53	cps
Erbium	164-1	7044	7294	6585	6974	5.15	cps
Erbium	164-2	1253	1173	1253	1227	3.77	cps
Gadolinium	160-1	8220	8687	8728	8545	3.30	cps
Gadolinium	160-2	2084	1950	2170	2068	5.36	cps
Holmium	165-1	7677950	7673761	7771708	7707806	0.72	cps
Holmium	165-2	1379304	1373092	1379189	1377195	0.26	cps
Indium	115-1	5733015	5767198	5705031	5735081	0.54	cps
Indium	115-2	207260	202810	203906	204659	1.13	cps
Iron	56-2	2580139	2526152	2499795	2535362	1.62	cps
Iron	57-2	63590	63539	61664	62931	1.74	cps
Lead	206-1	67054	67166	67189	67136	0.11	cps
Lead	207-1	55349	56074	56493	55972	1.03	cps
Lead	208-1	264419	263558	264347	264108	0.18	cps
Lithium	6-1	872487	942885	961399	925590	5.07	cps
Magnesium	24-2	256041	251656	245855	251184	2.03	cps
Manganese	55-2	49785	48999	48233	49006	1.58	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14125	13774	14283	14061	1.85	cps
Molybdenum	95-1	19640	19773	20091	19835	1.17	cps
Molybdenum	96-1	22461	22169	21919	22183	1.22	cps
Molybdenum	97-1	12289	13090	12648	12676	3.16	cps
Molybdenum	98-1	31998	32824	33267	32696	1.97	cps
Neodymium	150-1	14662	14375	14315	14451	1.28	cps
Neodymium	150-2	1560	1740	1570	1623	6.23	cps
Nickel	60-2	3907	3854	3594	3785	4.43	cps
Phosphorus	31-2	67	42	25	44	47.19	cps
Potassium	39-2	55159	54975	53286	54473	1.89	cps
Rhodium	103-1	5229056	5299041	5235272	5254456	0.74	cps
Rhodium	103-2	1236021	1222157	1216324	1224834	0.83	cps
Scandium	45-1	2900815	2934259	2863345	2899473	1.22	cps
Scandium	45-2	19477	18659	18706	18947	2.42	cps
Selenium	77-2	0	17	7	8	107.84	cps
Selenium	78-2	4	11	7	7	50.02	cps
Selenium	82-1	94	99	156	116	29.54	cps
Silicon	28-1	23128560	23052498	22876949	23019336	0.56	cps
Silver	109-1	4834	4334	3784	4318	12.17	cps
Silver	107-1	5118	4159	3876	4384	14.85	cps
Sodium	23-2	488890	479792	477487	482056	1.25	cps
Strontium	86-1	391466	398122	396004	395197	0.86	cps
Strontium	88-1	3478329	3518793	3498814	3498645	0.58	cps
Sulfur	34-1	388310	383663	375884	382619	1.64	cps
Terbium	159-1	7932106	7974044	7998043	7968064	0.42	cps
Terbium	159-2	1353222	1348120	1346669	1349337	0.26	cps
Thallium	203-1	1942	1442	1325	1570	20.87	cps
Thallium	205-1	5185	3667	3151	4001	26.43	cps
Tin	118-1	11956	12606	12098	12220	2.80	cps
Titanium	47-1	195431	195900	194673	195335	0.32	cps
Uranium	238-1	63069	65047	65717	64611	2.13	cps
Vanadium	51-2	4738	4901	4734	4791	1.99	cps
Yttrium	89-1	5834725	5882272	5871185	5862727	0.42	cps
Yttrium	89-2	152257	149622	148635	150171	1.25	cps
Zinc	66-2	2567	2490	2484	2514	1.84	cps
Zirconium	90-1	7669	8936	10541	9049	15.91	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:52:57	DataFile Name :	045SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1583	1650	2343	1859	22.62	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9937	11280	11021	10746	6.63	cps
Antimony	121-1	4418	4459	4493	4457	0.84	cps
Arsenic	75-2	69	87	78	78	11.91	cps
Barium	135-1	204540	202732	202412	203228	0.56	cps
Barium	137-1	360125	352846	351801	354924	1.28	cps
Beryllium	9-1	217	161	239	206	19.49	cps
Bismuth	209-1	5380907	5393951	5292035	5355631	1.04	cps
Bismuth	209-2	1076176	1121415	1123608	1107067	2.42	cps
Boron	10-1	2209	2267	2225	2234	1.35	cps
Boron	11-1	9779	10246	9762	9929	2.77	cps
Cadmium	111-1	983	937	910	943	3.90	cps
Cadmium	106-1	983	1025	1033	1014	2.64	cps
Cadmium	108-1	8	38	38	28	60.63	cps
Calcium	43-1	819258	818371	802033	813221	1.19	cps
Calcium	44-1	13500391	13442924	13142463	13361926	1.44	cps
Chromium	52-2	7399	7165	7385	7316	1.79	cps
Cobalt	59-2	5958	6181	6025	6055	1.89	cps
Copper	63-2	13944	14031	14344	14106	1.49	cps
Dysprosium	156-1	9279	9037	8937	9084	1.94	cps
Dysprosium	156-2	1607	1680	1643	1643	2.23	cps
Erbium	164-1	7086	7511	7060	7219	3.51	cps
Erbium	164-2	1117	1203	1247	1189	5.57	cps
Gadolinium	160-1	8603	8278	7903	8261	4.24	cps
Gadolinium	160-2	1960	1854	1733	1849	6.13	cps
Holmium	165-1	7678288	7764769	7651953	7698337	0.77	cps
Holmium	165-2	1280209	1327426	1336782	1314806	2.31	cps
Indium	115-1	5718436	5740801	5594603	5684613	1.39	cps
Indium	115-2	186092	191944	195674	191237	2.53	cps
Iron	56-2	2299451	2340581	2386112	2342048	1.85	cps
Iron	57-2	57123	58617	58472	58071	1.42	cps
Lead	206-1	68703	68730	67216	68216	1.27	cps
Lead	207-1	58139	56292	56375	56935	1.83	cps
Lead	208-1	267086	268047	263701	266278	0.86	cps
Lithium	6-1	1002788	1026499	1013383	1014223	1.17	cps
Magnesium	24-2	221973	228591	230583	227049	1.99	cps
Manganese	55-2	43762	45504	45584	44950	2.29	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13908	14518	14208	14211	2.15	cps
Molybdenum	95-1	20107	20433	19147	19896	3.36	cps
Molybdenum	96-1	22161	22144	21493	21932	1.74	cps
Molybdenum	97-1	12840	12314	12248	12467	2.60	cps
Molybdenum	98-1	32131	32189	31429	31916	1.33	cps
Neodymium	150-1	14715	14495	14342	14517	1.29	cps
Neodymium	150-2	1550	1630	1737	1639	5.72	cps
Nickel	60-2	3394	3627	3551	3524	3.38	cps
Phosphorus	31-2	42	58	67	56	22.91	cps
Potassium	39-2	48426	48869	47757	48351	1.16	cps
Rhodium	103-1	5227096	5182382	5093656	5167711	1.31	cps
Rhodium	103-2	1116759	1166126	1176965	1153283	2.78	cps
Scandium	45-1	2778276	2781832	2719960	2760023	1.26	cps
Scandium	45-2	16947	17448	17074	17156	1.52	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	4	7	11	7	50.02	cps
Selenium	82-1	132	141	145	139	4.73	cps
Silicon	28-1	21935635	22058905	21491259	21828600	1.37	cps
Silver	109-1	1717	1634	1717	1689	2.85	cps
Silver	107-1	2100	1867	1617	1861	12.99	cps
Sodium	23-2	423514	438674	439392	433860	2.07	cps
Strontium	86-1	391362	390553	384245	388720	1.00	cps
Strontium	88-1	3465747	3486331	3433998	3462025	0.76	cps
Sulfur	34-1	361298	362136	352848	358761	1.43	cps
Terbium	159-1	8043080	8135693	7887242	8022005	1.57	cps
Terbium	159-2	1248767	1302891	1296664	1282774	2.31	cps
Thallium	203-1	750	933	750	811	13.05	cps
Thallium	205-1	1884	1892	2125	1967	6.98	cps
Tin	118-1	11072	11097	11797	11322	3.64	cps
Titanium	47-1	191188	187570	185924	188227	1.43	cps
Uranium	238-1	64869	66496	65114	65493	1.34	cps
Vanadium	51-2	4331	4401	4384	4372	0.84	cps
Yttrium	89-1	5772725	5844057	5731330	5782704	0.99	cps
Yttrium	89-2	134420	138897	139917	137745	2.12	cps
Zinc	66-2	2157	2250	2340	2249	4.08	cps
Zirconium	90-1	6785	6952	7563	7100	5.77	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01DUPDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1DUPDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 16:56:08	DataFile Name :	046SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1575	1759	1433	1589	10.26	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2542	2650	2709	2634	3.21	cps
Antimony	121-1	1167	958	1142	1089	10.45	cps
Arsenic	75-2	43	20	31	31	35.29	cps
Barium	135-1	41475	41625	41240	41447	0.47	cps
Barium	137-1	72524	73077	70614	72071	1.79	cps
Beryllium	9-1	94	100	144	113	24.26	cps
Bismuth	209-1	5388908	5322507	5474669	5395361	1.41	cps
Bismuth	209-2	1084578	1159014	1177061	1140218	4.30	cps
Boron	10-1	767	667	800	745	9.32	cps
Boron	11-1	3692	4034	3742	3823	4.83	cps
Cadmium	111-1	831	825	857	838	1.99	cps
Cadmium	106-1	1142	1108	1133	1128	1.54	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	172674	171804	168659	171046	1.23	cps
Calcium	44-1	2876084	2892706	2923267	2897352	0.83	cps
Chromium	52-2	2040	2094	2087	2074	1.40	cps
Cobalt	59-2	1370	1583	1300	1418	10.41	cps
Copper	63-2	3494	3384	3147	3342	5.30	cps
Dysprosium	156-1	1759	1817	2000	1859	6.79	cps
Dysprosium	156-2	397	323	310	343	13.59	cps
Erbium	164-1	1509	1417	1592	1506	5.81	cps
Erbium	164-2	260	220	220	233	9.90	cps
Gadolinium	160-1	1800	1667	1392	1620	12.86	cps
Gadolinium	160-2	433	380	397	403	6.77	cps
Holmium	165-1	7892139	7851577	7800793	7848170	0.58	cps
Holmium	165-2	1316175	1396147	1421963	1378095	4.00	cps
Indium	115-1	5920932	5937966	5883421	5914106	0.47	cps
Indium	115-2	196614	209481	214118	206738	4.39	cps
Iron	56-2	527127	525632	517488	523416	0.99	cps
Iron	57-2	13485	13168	13273	13309	1.21	cps
Lead	206-1	14842	14297	14820	14653	2.11	cps
Lead	207-1	12279	11411	12045	11911	3.77	cps
Lead	208-1	56984	55149	56762	56298	1.78	cps
Lithium	6-1	856705	852970	857111	855596	0.27	cps
Magnesium	24-2	53661	52515	51712	52629	1.86	cps
Manganese	55-2	10734	10231	10381	10449	2.48	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2975	2900	3201	3025	5.16	cps
Molybdenum	95-1	3851	4059	4176	4029	4.09	cps
Molybdenum	96-1	5051	4609	4609	4757	5.36	cps
Molybdenum	97-1	2734	2617	2450	2600	5.48	cps
Molybdenum	98-1	6277	6352	6752	6460	3.95	cps
Neodymium	150-1	2814	3221	2987	3007	6.79	cps
Neodymium	150-2	323	340	310	324	4.63	cps
Nickel	60-2	813	883	867	854	4.28	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	12998	12498	12189	12562	3.25	cps
Rhodium	103-1	5418436	5414107	5469585	5434043	0.57	cps
Rhodium	103-2	1176737	1245039	1268293	1230023	3.87	cps
Scandium	45-1	2871567	2918216	2922934	2904239	0.98	cps
Scandium	45-2	18372	18786	20288	19149	5.26	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	12	11	77	33	113.11	cps
Silicon	28-1	4948073	4871424	4947136	4922211	0.89	cps
Silver	109-1	750	733	783	756	3.37	cps
Silver	107-1	783	708	842	778	8.59	cps
Sodium	23-2	103559	101872	101797	102409	0.97	cps
Strontium	86-1	80077	79775	81066	80306	0.84	cps
Strontium	88-1	706233	700490	705327	704017	0.44	cps
Sulfur	34-1	300793	302276	297036	300035	0.90	cps
Terbium	159-1	8146418	8131351	8115086	8130952	0.19	cps
Terbium	159-2	1277106	1355561	1376080	1336249	3.91	cps
Thallium	203-1	292	208	250	250	16.66	cps
Thallium	205-1	558	592	617	589	4.97	cps
Tin	118-1	1584	1559	1534	1559	1.60	cps
Titanium	47-1	40760	40805	40401	40655	0.54	cps
Uranium	238-1	13925	12757	13316	13333	4.38	cps
Vanadium	51-2	953	1030	877	953	8.04	cps
Yttrium	89-1	5948933	5853408	5891234	5897858	0.82	cps
Yttrium	89-2	144412	150730	153899	149680	3.23	cps
Zinc	66-2	517	607	543	556	8.32	cps
Zirconium	90-1	1767	1917	1775	1820	4.63	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01LDL2X10	Instrumnet Name :	P8
Client Sample ID :	TW-1LDL2	Dilution Factor :	10
Date & Time Acquired ::	2017-10-31 16:59:18	DataFile Name :	047SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	358	425	411	11.53	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : I6234-01MSDL2X2 Instrumnet Name : P8
 Client Sample ID : TW-1MSDL2 Dilution Factor : 2
 Date & Time Acquired :: 2017-10-31 17:02:29 DataFile Name : 048SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28546	27661	28304	28171	1.62	cps
Antimony	121-1	1999357	2014843	2024622	2012941	0.63	cps
Arsenic	75-2	16790	16471	16719	16660	1.01	cps
Barium	135-1	2327155	2339921	2322136	2329737	0.39	cps
Barium	137-1	4025871	4028676	4056417	4036988	0.42	cps
Beryllium	9-1	194766	194957	192519	194081	0.70	cps
Bismuth	209-1	5255859	5292352	5333336	5293849	0.73	cps
Bismuth	209-2	1110634	1108760	1106382	1108592	0.19	cps
Boron	10-1	21542	23203	23637	22794	4.85	cps
Boron	11-1	103808	105713	105185	104902	0.94	cps
Cadmium	111-1	415667	417351	415667	416228	0.23	cps
Cadmium	106-1	41222	43103	42075	42133	2.23	cps
Cadmium	108-1	28589	29395	28923	28969	1.40	cps
Calcium	43-1	1153227	1151611	1150989	1151943	0.10	cps
Calcium	44-1	19067591	19099241	18812503	18993111	0.83	cps
Chromium	52-2	141506	138658	138941	139702	1.12	cps
Cobalt	59-2	299871	299031	297075	298659	0.48	cps
Copper	63-2	534638	530486	529120	531415	0.54	cps
Dysprosium	156-1	8937	9029	8453	8806	3.51	cps
Dysprosium	156-2	1553	1613	1730	1632	5.50	cps
Erbium	164-1	8645	8562	8753	8653	1.11	cps
Erbium	164-2	1607	1473	1520	1533	4.41	cps
Gadolinium	160-1	8094	9262	8954	8770	6.90	cps
Gadolinium	160-2	1743	1894	1857	1831	4.27	cps
Holmium	165-1	7585459	7674710	7635905	7632024	0.59	cps
Holmium	165-2	1341618	1338032	1342223	1340624	0.17	cps
Indium	115-1	5551193	5518946	5519911	5530017	0.33	cps
Indium	115-2	188922	186762	190252	188645	0.93	cps
Iron	56-2	6674289	6673595	6664360	6670748	0.08	cps
Iron	57-2	167179	165634	168393	167069	0.83	cps
Lead	206-1	1500757	1486629	1513831	1500406	0.91	cps
Lead	207-1	1353574	1346259	1359657	1353163	0.50	cps
Lead	208-1	6223856	6248384	6294862	6255701	0.58	cps
Lithium	6-1	945144	963157	986199	964833	2.13	cps
Magnesium	24-2	685252	679441	674563	679752	0.79	cps
Manganese	55-2	114373	112609	113658	113547	0.78	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:02:29	DataFile Name :	048SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1444204	1425588	1424065	1431286	0.78	cps
Molybdenum	95-1	788552	788209	792450	789737	0.30	cps
Molybdenum	96-1	1016185	1010325	1010171	1012227	0.34	cps
Molybdenum	97-1	495023	494011	492541	493858	0.25	cps
Molybdenum	98-1	1276720	1274927	1274029	1275225	0.11	cps
Neodymium	150-1	14769	14575	14115	14486	2.32	cps
Neodymium	150-2	1583	1597	1730	1637	4.96	cps
Nickel	60-2	92783	93095	90452	92110	1.57	cps
Phosphorus	31-2	25	8	50	28	75.51	cps
Potassium	39-2	159653	157303	159441	158799	0.82	cps
Rhodium	103-1	5030243	5102649	5014280	5049057	0.93	cps
Rhodium	103-2	1159517	1155166	1149515	1154733	0.43	cps
Scandium	45-1	2744217	2700114	2690781	2711704	1.05	cps
Scandium	45-2	17481	17184	16780	17148	2.05	cps
Selenium	77-2	143	110	107	120	16.90	cps
Selenium	78-2	350	352	396	366	7.16	cps
Selenium	82-1	24582	24728	24495	24602	0.48	cps
Silicon	28-1	23278731	22990111	22900606	23056483	0.86	cps
Silver	109-1	2060228	2090295	2084179	2078234	0.76	cps
Silver	107-1	2156455	2158519	2171506	2162160	0.38	cps
Sodium	23-2	1477218	1455896	1467742	1466952	0.73	cps
Strontium	86-1	867670	865962	861627	865086	0.36	cps
Strontium	88-1	7514822	7512532	7552322	7526559	0.30	cps
Sulfur	34-1	359771	355325	354053	356383	0.84	cps
Terbium	159-1	7964097	7855338	7895580	7905005	0.70	cps
Terbium	159-2	1303071	1298994	1294588	1298884	0.33	cps
Thallium	203-1	1852701	1836755	1880755	1856737	1.20	cps
Thallium	205-1	4365219	4389277	4443524	4399340	0.91	cps
Tin	118-1	1284460	1299086	1303669	1295738	0.77	cps
Titanium	47-1	363218	358951	360238	360802	0.61	cps
Uranium	238-1	5965452	6081311	6182569	6076444	1.79	cps
Vanadium	51-2	99164	97902	97986	98351	0.72	cps
Yttrium	89-1	5641891	5650823	5662866	5651860	0.19	cps
Yttrium	89-2	140541	137561	139053	139051	1.07	cps
Zinc	66-2	46749	45521	44882	45717	2.07	cps
Zirconium	90-1	2652603	2657762	2663767	2658044	0.21	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:02:29	DataFile Name :	048SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	574913	574052	577188	575384	0.28	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28095	27762	28563	28140	1.43	cps
Antimony	121-1	2011835	2014018	2004303	2010052	0.25	cps
Arsenic	75-2	16864	16493	16465	16608	1.34	cps
Barium	135-1	2348283	2309073	2354456	2337271	1.05	cps
Barium	137-1	4044834	4048247	4073749	4055610	0.39	cps
Beryllium	9-1	188930	189459	189588	189325	0.18	cps
Bismuth	209-1	5242213	5322802	5260690	5275235	0.80	cps
Bismuth	209-2	1108362	1107580	1109887	1108610	0.11	cps
Boron	10-1	21951	21934	22819	22235	2.28	cps
Boron	11-1	103413	105754	105043	104737	1.15	cps
Cadmium	111-1	417698	417351	418656	417902	0.16	cps
Cadmium	106-1	42276	42134	42668	42359	0.65	cps
Cadmium	108-1	29265	28514	29190	28990	1.43	cps
Calcium	43-1	1123582	1122456	1116937	1120992	0.32	cps
Calcium	44-1	18462191	18390399	18495496	18449362	0.29	cps
Chromium	52-2	141274	139048	138783	139702	0.98	cps
Cobalt	59-2	302426	295903	296385	298238	1.22	cps
Copper	63-2	531880	527369	523526	527592	0.79	cps
Dysprosium	156-1	8803	8695	8303	8600	3.06	cps
Dysprosium	156-2	1547	1543	1483	1525	2.34	cps
Erbium	164-1	11143	8678	8920	9580	14.18	cps
Erbium	164-2	1503	1500	1373	1459	5.08	cps
Gadolinium	160-1	8178	8336	8503	8339	1.95	cps
Gadolinium	160-2	1897	1980	2044	1974	3.73	cps
Holmium	165-1	7622846	7618013	7673881	7638247	0.41	cps
Holmium	165-2	1343092	1339046	1335832	1339324	0.27	cps
Indium	115-1	5553884	5567854	5526630	5549456	0.38	cps
Indium	115-2	189091	188376	188651	188706	0.19	cps
Iron	56-2	6605857	6585827	6599482	6597056	0.16	cps
Iron	57-2	166775	165650	163852	165425	0.89	cps
Lead	206-1	1513424	1513293	1517469	1514728	0.16	cps
Lead	207-1	1355541	1363127	1363588	1360752	0.33	cps
Lead	208-1	6245692	6299552	6305011	6283419	0.52	cps
Lithium	6-1	937296	959362	947549	948069	1.16	cps
Magnesium	24-2	668618	665226	658068	663971	0.81	cps
Manganese	55-2	112559	109649	110557	110922	1.34	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1474365	1421641	1422835	1439614	2.09	cps
Molybdenum	95-1	783477	778240	777659	779792	0.41	cps
Molybdenum	96-1	1005476	1000349	999559	1001795	0.32	cps
Molybdenum	97-1	486800	488963	488652	488138	0.24	cps
Molybdenum	98-1	1260353	1262457	1268703	1263838	0.34	cps
Neodymium	150-1	14088	14015	14442	14181	1.61	cps
Neodymium	150-2	1590	1603	1653	1616	2.07	cps
Nickel	60-2	92736	91783	93015	92511	0.70	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	156266	154582	153747	154865	0.83	cps
Rhodium	103-1	5060503	5005371	5062096	5042657	0.64	cps
Rhodium	103-2	1160185	1159614	1153318	1157706	0.33	cps
Scandium	45-1	2700405	2670807	2669396	2680203	0.65	cps
Scandium	45-2	17628	16827	17167	17207	2.34	cps
Selenium	77-2	73	123	83	93	28.35	cps
Selenium	78-2	354	367	396	372	5.87	cps
Selenium	82-1	24199	24383	24269	24284	0.38	cps
Silicon	28-1	22875544	22968742	22628898	22824395	0.77	cps
Silver	109-1	2129986	2099623	2093440	2107683	0.93	cps
Silver	107-1	2173462	2197246	2177284	2182664	0.59	cps
Sodium	23-2	1452953	1428520	1419198	1433557	1.22	cps
Strontium	86-1	853313	859159	860152	857541	0.43	cps
Strontium	88-1	7387760	7513781	7517857	7473133	0.99	cps
Sulfur	34-1	343975	342740	343008	343241	0.19	cps
Terbium	159-1	7881377	7876150	7813627	7857051	0.48	cps
Terbium	159-2	1312218	1296431	1305036	1304561	0.61	cps
Thallium	203-1	1854740	1871240	1875530	1867170	0.59	cps
Thallium	205-1	4389647	4439777	4425909	4418444	0.59	cps
Tin	118-1	1299728	1295392	1299960	1298360	0.20	cps
Titanium	47-1	357011	370136	356253	361133	2.16	cps
Uranium	238-1	6018616	6181233	6097916	6099255	1.33	cps
Vanadium	51-2	99211	98637	97865	98571	0.69	cps
Yttrium	89-1	5632041	5658848	5640311	5643733	0.24	cps
Yttrium	89-2	139547	138113	138779	138813	0.52	cps
Zinc	66-2	44826	44765	45160	44917	0.47	cps
Zirconium	90-1	2682419	2698241	2658830	2679830	0.74	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01MSDDL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1MSDDL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:05:36	DataFile Name :	049SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575696	575566	576818	576027	0.12	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28413	28404	29073	28630	1.34	cps
Antimony	121-1	2056698	2067807	2074509	2066338	0.44	cps
Arsenic	75-2	16903	17259	17107	17090	1.05	cps
Barium	135-1	2430439	2395770	2406435	2410881	0.74	cps
Barium	137-1	4252581	4188320	4203625	4214842	0.80	cps
Beryllium	9-1	193404	193477	193284	193388	0.05	cps
Bismuth	209-1	5412428	5449688	5504859	5455658	0.85	cps
Bismuth	209-2	1138794	1139127	1130872	1136264	0.41	cps
Boron	10-1	23837	24330	23912	24026	1.10	cps
Boron	11-1	106679	109750	111253	109227	2.13	cps
Cadmium	111-1	426898	432701	428700	429433	0.69	cps
Cadmium	106-1	42368	43864	45093	43775	3.12	cps
Cadmium	108-1	29487	29579	29378	29481	0.34	cps
Calcium	43-1	1170719	1173512	1167494	1170575	0.26	cps
Calcium	44-1	19171032	19339721	19195588	19235447	0.47	cps
Chromium	52-2	143728	144176	142180	143361	0.73	cps
Cobalt	59-2	308011	307755	304953	306906	0.55	cps
Copper	63-2	546780	541931	539937	542882	0.65	cps
Dysprosium	156-1	8812	8712	9312	8945	3.60	cps
Dysprosium	156-2	1613	1610	1934	1719	10.81	cps
Erbium	164-1	9154	9437	9671	9421	2.75	cps
Erbium	164-2	1493	1463	1550	1502	2.93	cps
Gadolinium	160-1	8645	8286	8119	8350	3.22	cps
Gadolinium	160-2	2104	2130	2137	2124	0.83	cps
Holmium	165-1	7890645	7863098	7978500	7910747	0.76	cps
Holmium	165-2	1395011	1384201	1373350	1384187	0.78	cps
Indium	115-1	5657321	5697344	5733674	5696113	0.67	cps
Indium	115-2	194428	192882	192065	193125	0.62	cps
Iron	56-2	6808821	6811411	6755846	6792026	0.46	cps
Iron	57-2	171981	168804	168895	169893	1.06	cps
Lead	206-1	1554320	1562225	1566546	1561030	0.40	cps
Lead	207-1	1400579	1415045	1418468	1411364	0.67	cps
Lead	208-1	6454149	6500320	6525214	6493228	0.56	cps
Lithium	6-1	940570	975046	959431	958349	1.80	cps
Magnesium	24-2	686839	681126	676671	681545	0.75	cps
Manganese	55-2	114682	113527	113460	113890	0.60	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1461174	1472622	1456909	1463568	0.56	cps
Molybdenum	95-1	809027	809840	812183	810350	0.20	cps
Molybdenum	96-1	1032856	1036753	1045584	1038398	0.63	cps
Molybdenum	97-1	504550	513334	507759	508548	0.87	cps
Molybdenum	98-1	1302497	1312465	1305330	1306764	0.39	cps
Neodymium	150-1	15289	15009	15630	15309	2.03	cps
Neodymium	150-2	1647	1583	1597	1609	2.08	cps
Nickel	60-2	96018	94689	93911	94873	1.12	cps
Phosphorus	31-2	42	25	0	22	94.38	cps
Potassium	39-2	160741	160378	157909	159676	0.97	cps
Rhodium	103-1	5218239	5199750	5251696	5223228	0.50	cps
Rhodium	103-2	1194476	1193784	1181114	1189792	0.63	cps
Scandium	45-1	2777293	2752678	2778362	2769444	0.52	cps
Scandium	45-2	17972	17761	17398	17710	1.64	cps
Selenium	77-2	107	130	87	108	20.12	cps
Selenium	78-2	402	372	348	374	7.19	cps
Selenium	82-1	24944	25269	25185	25133	0.67	cps
Silicon	28-1	23343564	23677572	23989065	23670067	1.36	cps
Silver	109-1	2160144	2155728	2153852	2156575	0.15	cps
Silver	107-1	2275346	2289577	2274570	2279831	0.37	cps
Sodium	23-2	1485745	1471344	1480990	1479360	0.50	cps
Strontium	86-1	884167	884599	879424	882730	0.33	cps
Strontium	88-1	7762900	7724806	7713651	7733786	0.33	cps
Sulfur	34-1	350824	348157	346198	348393	0.67	cps
Terbium	159-1	8116501	8203551	8229969	8183340	0.73	cps
Terbium	159-2	1347087	1347040	1328476	1340868	0.80	cps
Thallium	203-1	1915882	1938476	1941359	1931906	0.72	cps
Thallium	205-1	4592582	4556737	4645707	4598342	0.97	cps
Tin	118-1	1347203	1337076	1339886	1341388	0.39	cps
Titanium	47-1	371115	368212	368291	369206	0.45	cps
Uranium	238-1	6265196	6360534	6353109	6326279	0.84	cps
Vanadium	51-2	100910	99768	99023	99901	0.95	cps
Yttrium	89-1	5847118	5815670	5851517	5838102	0.33	cps
Yttrium	89-2	143221	142342	140773	142112	0.87	cps
Zinc	66-2	46976	46461	46702	46713	0.55	cps
Zirconium	90-1	2754782	2727238	2789660	2757227	1.13	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-01ADL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-1ADL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:08:41	DataFile Name :	050SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	598158	593971	594454	595528	0.38	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583	1517	1408	1503	5.88	cps
Antimony	121-1	3451	3517	3576	3515	1.78	cps
Arsenic	75-2	1141	1157	1150	1149	0.73	cps
Barium	135-1	572136	568208	573037	571127	0.45	cps
Barium	137-1	1000547	998557	1000042	999715	0.10	cps
Beryllium	9-1	139	100	189	143	31.25	cps
Bismuth	209-1	5400090	5434935	5485722	5440249	0.79	cps
Bismuth	209-2	1147682	1139121	1134765	1140523	0.58	cps
Boron	10-1	3467	3159	3217	3281	4.99	cps
Boron	11-1	16010	14174	15442	15209	6.18	cps
Cadmium	111-1	845	805	954	868	8.90	cps
Cadmium	106-1	900	958	1142	1000	12.61	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	1281407	1288807	1285483	1285232	0.29	cps
Calcium	44-1	20896640	20902283	20894152	20897692	0.02	cps
Chromium	52-2	1760	1797	1727	1761	1.99	cps
Cobalt	59-2	1550	1410	1650	1537	7.85	cps
Copper	63-2	2810	2867	2774	2817	1.67	cps
Dysprosium	156-1	800	1033	1033	956	14.10	cps
Dysprosium	156-2	190	180	210	193	7.90	cps
Erbium	164-1	1025	1125	1017	1056	5.71	cps
Erbium	164-2	143	147	153	148	3.45	cps
Gadolinium	160-1	925	1050	1042	1006	6.95	cps
Gadolinium	160-2	237	257	227	240	6.36	cps
Holmium	165-1	7891495	7846024	7926319	7887946	0.51	cps
Holmium	165-2	1382906	1376997	1372407	1377437	0.38	cps
Indium	115-1	5858070	5721095	5795760	5791641	1.18	cps
Indium	115-2	199511	196333	196382	197408	0.92	cps
Iron	56-2	2773510	2750427	2744408	2756115	0.56	cps
Iron	57-2	68390	67648	67664	67900	0.62	cps
Lead	206-1	4762	4673	4518	4651	2.66	cps
Lead	207-1	3984	3940	3878	3934	1.35	cps
Lead	208-1	18628	18317	18028	18324	1.64	cps
Lithium	6-1	897659	940793	927263	921905	2.39	cps
Magnesium	24-2	493471	488183	482045	487899	1.17	cps
Manganese	55-2	174147	172662	172969	173259	0.45	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5743	5368	5743	5618	3.85	cps
Molybdenum	95-1	8995	8620	8428	8681	3.32	cps
Molybdenum	96-1	9470	9912	9604	9662	2.35	cps
Molybdenum	97-1	5593	5210	5651	5485	4.38	cps
Molybdenum	98-1	14183	14116	14333	14211	0.78	cps
Neodymium	150-1	1480	1420	1647	1516	7.75	cps
Neodymium	150-2	173	180	233	196	16.82	cps
Nickel	60-2	1260	1297	1127	1228	7.29	cps
Phosphorus	31-2	42	17	8	22	78.07	cps
Potassium	39-2	57878	56790	56531	57066	1.25	cps
Rhodium	103-1	5199446	5222096	5249652	5223732	0.48	cps
Rhodium	103-2	1206728	1192674	1190725	1196709	0.73	cps
Scandium	45-1	2778225	2753764	2742165	2758051	0.67	cps
Scandium	45-2	17745	17601	17431	17592	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	67	45	31	47	37.98	cps
Silicon	28-1	16727953	16837503	16724598	16763351	0.38	cps
Silver	109-1	842	892	817	850	4.49	cps
Silver	107-1	700	1108	825	878	23.84	cps
Sodium	23-2	2190935	2156924	2175355	2174404	0.78	cps
Strontium	86-1	478467	477873	481671	479337	0.43	cps
Strontium	88-1	4220192	4265504	4193550	4226415	0.86	cps
Sulfur	34-1	298533	303887	299695	300705	0.94	cps
Terbium	159-1	8044279	8170600	8122149	8112343	0.79	cps
Terbium	159-2	1347560	1343777	1332504	1341280	0.58	cps
Thallium	203-1	817	908	808	845	6.57	cps
Thallium	205-1	2059	1809	1625	1831	11.88	cps
Tin	118-1	11397	11447	10988	11278	2.23	cps
Titanium	47-1	29649	30757	28455	29620	3.89	cps
Uranium	238-1	14818	14876	15193	14962	1.35	cps
Vanadium	51-2	717	653	693	688	4.66	cps
Yttrium	89-1	5712959	5799366	5802866	5771730	0.88	cps
Yttrium	89-2	143086	141517	141261	141955	0.70	cps
Zinc	66-2	410	493	477	460	9.59	cps
Zirconium	90-1	2417	2342	2525	2428	3.80	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6234-02DL2X2	Instrumnet Name :	P8
Client Sample ID :	TW-5DL2	Dilution Factor :	2
Date & Time Acquired ::	2017-10-31 17:11:48	DataFile Name :	051SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	550	542	603	16.38	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225850	222186	220604	222880	1.21	cps
Antimony	121-1	3886766	3884580	3899857	3890401	0.21	cps
Arsenic	75-2	37755	37529	38218	37834	0.93	cps
Barium	135-1	4139208	4094734	4136767	4123570	0.61	cps
Barium	137-1	7067629	7148443	7183576	7133216	0.83	cps
Beryllium	9-1	435014	433476	435488	434659	0.24	cps
Bismuth	209-1	4912271	4920484	5019526	4950761	1.21	cps
Bismuth	209-2	1187358	1179353	1178829	1181847	0.40	cps
Boron	10-1	49219	50247	50640	50035	1.47	cps
Boron	11-1	229941	238966	240221	236376	2.37	cps
Cadmium	111-1	777864	777065	784747	779892	0.54	cps
Cadmium	106-1	80683	80892	81790	81122	0.73	cps
Cadmium	108-1	55183	54882	55999	55355	1.04	cps
Calcium	43-1	3814216	3812056	3774356	3800210	0.59	cps
Calcium	44-1	61932041	61889397	61583693	61801710	0.31	cps
Chromium	52-2	310063	308786	308541	309130	0.26	cps
Cobalt	59-2	659733	652529	655509	655924	0.55	cps
Copper	63-2	1185467	1183856	1183919	1184414	0.08	cps
Dysprosium	156-1	117	83	75	92	24.05	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	17	17	33	22	43.28	cps
Holmium	165-1	7527387	7643334	7661859	7610860	0.96	cps
Holmium	165-2	1510548	1491718	1506036	1502768	0.65	cps
Indium	115-1	5676985	5768109	5812558	5752551	1.20	cps
Indium	115-2	228446	226121	227534	227367	0.52	cps
Iron	56-2	50930089	50599007	50409641	50646246	0.52	cps
Iron	57-2	1281114	1272198	1270495	1274602	0.45	cps
Lead	206-1	2572634	2585393	2568312	2575447	0.34	cps
Lead	207-1	2335008	2354628	2317441	2335692	0.80	cps
Lead	208-1	10537708	10485560	10413462	10478910	0.60	cps
Lithium	6-1	808189	816781	825711	816894	1.07	cps
Magnesium	24-2	5355920	5264731	5323645	5314766	0.87	cps
Manganese	55-2	173151	173677	172416	173081	0.37	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2981593	3013079	2999606	2998092	0.53	cps
Molybdenum	95-1	1646972	1629464	1627103	1634513	0.66	cps
Molybdenum	96-1	2117457	2093020	2122854	2111110	0.75	cps
Molybdenum	97-1	982124	984110	989595	985276	0.39	cps
Molybdenum	98-1	2608454	2609969	2612345	2610256	0.08	cps
Neodymium	150-1	180	247	193	207	17.07	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	193048	193213	193477	193246	0.11	cps
Phosphorus	31-2	2850	3092	3117	3020	4.88	cps
Potassium	39-2	1490796	1510015	1508058	1502956	0.70	cps
Rhodium	103-1	5148108	5239339	5223784	5203743	0.94	cps
Rhodium	103-2	1296196	1289219	1291857	1292424	0.27	cps
Scandium	45-1	3116250	3186267	3187985	3163501	1.29	cps
Scandium	45-2	24011	24014	23840	23955	0.41	cps
Selenium	77-2	337	207	287	277	23.70	cps
Selenium	78-2	837	856	893	862	3.28	cps
Selenium	82-1	48325	48281	48118	48241	0.23	cps
Silicon	28-1	1654747	1659922	1649155	1654608	0.33	cps
Silver	109-1	3700171	3682268	3749674	3710705	0.94	cps
Silver	107-1	3888004	3881969	3889933	3886635	0.11	cps
Sodium	23-2	12210594	12159456	12293695	12221248	0.55	cps
Strontium	86-1	1017847	1011777	1016991	1015538	0.32	cps
Strontium	88-1	8942745	8807671	8834025	8861480	0.81	cps
Sulfur	34-1	537144	535290	540887	537774	0.53	cps
Terbium	159-1	7878051	7912828	7935368	7908749	0.37	cps
Terbium	159-2	1464331	1459618	1446793	1456914	0.62	cps
Thallium	203-1	3205022	3119210	3193740	3172658	1.47	cps
Thallium	205-1	7430607	7397688	7393733	7407343	0.27	cps
Tin	118-1	2671944	2653173	2720728	2681948	1.30	cps
Titanium	47-1	393793	388618	394374	392262	0.81	cps
Uranium	238-1	10661694	10558524	10625203	10615140	0.49	cps
Vanadium	51-2	228763	231070	230416	230083	0.52	cps
Yttrium	89-1	5981405	6100148	6114473	6065342	1.20	cps
Yttrium	89-2	174357	173206	174594	174052	0.43	cps
Zinc	66-2	107069	107835	108409	107771	0.62	cps
Zirconium	90-1	5706203	5640220	5714451	5686958	0.72	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:06:10	DataFile Name :	056CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1246800	1245959	1248035	1246931	0.08	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:09:13	DataFile Name :	057CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	2384	2342	2475	2400	2.84	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	58	58	50	56	8.67	cps
Beryllium	9-1	200	189	178	189	5.88	cps
Bismuth	209-1	5114090	5084878	5107043	5102004	0.30	cps
Bismuth	209-2	1225787	1207513	1219451	1217583	0.76	cps
Boron	10-1	1834	1825	1383	1681	15.32	cps
Boron	11-1	8386	7561	7185	7711	7.97	cps
Cadmium	111-1	859	759	878	832	7.66	cps
Cadmium	106-1	1133	992	1167	1097	8.47	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	1092	1058	983	1045	5.31	cps
Calcium	44-1	12906	11547	11839	12097	5.92	cps
Chromium	52-2	693	650	593	646	7.77	cps
Cobalt	59-2	33	37	27	32	15.80	cps
Copper	63-2	180	167	213	187	12.88	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	75	33	39	86.62	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7463325	7501902	7451543	7472257	0.35	cps
Holmium	165-2	1476123	1451229	1468827	1465393	0.87	cps
Indium	115-1	5795287	5901756	5826347	5841130	0.94	cps
Indium	115-2	235069	229318	232466	232284	1.24	cps
Iron	56-2	1828	1834	1656	1772	5.70	cps
Iron	57-2	39	11	61	37	67.64	cps
Lead	206-1	1017	889	928	945	6.94	cps
Lead	207-1	700	922	878	833	14.11	cps
Lead	208-1	3689	3856	3839	3795	2.42	cps
Lithium	6-1	824001	837847	837497	833115	0.95	cps
Magnesium	24-2	150	150	92	131	25.80	cps
Manganese	55-2	13	27	23	21	32.88	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 18:09:13 DataFile Name : 057CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	392	400	400	2.08	cps
Molybdenum	95-1	175	225	275	225	22.22	cps
Molybdenum	96-1	317	292	333	314	6.68	cps
Molybdenum	97-1	167	142	133	147	11.79	cps
Molybdenum	98-1	342	283	292	306	10.33	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	23	60	52	49.58	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2067	2100	2025	2064	1.82	cps
Rhodium	103-1	5446820	5507853	5449618	5468097	0.63	cps
Rhodium	103-2	1341599	1330886	1335435	1335973	0.40	cps
Scandium	45-1	3093447	3171387	3082088	3115640	1.56	cps
Scandium	45-2	23296	23149	23500	23315	0.76	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	17	20	-49	-4	-1018.13	cps
Silicon	28-1	294033	289016	289043	290697	0.99	cps
Silver	109-1	208	225	317	250	23.33	cps
Silver	107-1	283	200	258	247	17.30	cps
Sodium	23-2	6518	5860	5518	5965	8.52	cps
Strontium	86-1	550	517	442	503	11.04	cps
Strontium	88-1	225	183	233	214	12.53	cps
Sulfur	34-1	321346	322009	316880	320078	0.87	cps
Terbium	159-1	7777154	7740994	7734136	7750761	0.30	cps
Terbium	159-2	1429783	1410870	1415627	1418760	0.69	cps
Thallium	203-1	1042	1108	917	1022	9.52	cps
Thallium	205-1	2767	2542	2534	2614	5.06	cps
Tin	118-1	808	933	800	847	8.82	cps
Titanium	47-1	67	83	133	94	36.73	cps
Uranium	238-1	117	142	133	131	9.75	cps
Vanadium	51-2	13	0	7	7	99.98	cps
Yttrium	89-1	5968484	6018948	5899259	5962231	1.01	cps
Yttrium	89-2	173067	169035	168828	170310	1.40	cps
Zinc	66-2	53	30	43	42	27.72	cps
Zirconium	90-1	675	717	700	697	3.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 18:09:13	DataFile Name :	057CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	125	142	142	11.76	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220223	218263	219236	219241	0.45	cps
Antimony	121-1	3691928	3674413	3698272	3688204	0.34	cps
Arsenic	75-2	37204	37415	37170	37263	0.36	cps
Barium	135-1	3896571	3943252	3904870	3914898	0.64	cps
Barium	137-1	6721698	6726327	6814756	6754261	0.78	cps
Beryllium	9-1	418872	422586	422630	421363	0.51	cps
Bismuth	209-1	4659088	4675066	4663554	4665903	0.18	cps
Bismuth	209-2	1141971	1151501	1059803	1117758	4.51	cps
Boron	10-1	46560	47187	49085	47611	2.76	cps
Boron	11-1	224672	231029	235884	230528	2.44	cps
Cadmium	111-1	736450	738240	741152	738614	0.32	cps
Cadmium	106-1	76073	78110	76944	77042	1.33	cps
Cadmium	108-1	52155	52540	51996	52230	0.54	cps
Calcium	43-1	3589434	3608127	3654677	3617412	0.93	cps
Calcium	44-1	58621347	58641453	59057903	58773568	0.42	cps
Chromium	52-2	298272	297844	299127	298415	0.22	cps
Cobalt	59-2	638727	631728	630078	633511	0.72	cps
Copper	63-2	1144463	1136851	1140363	1140559	0.33	cps
Dysprosium	156-1	17	75	67	53	59.77	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	7227121	7210505	7371826	7269817	1.22	cps
Holmium	165-2	1456867	1463862	1336054	1418928	5.06	cps
Indium	115-1	5460936	5390283	5504252	5451824	1.06	cps
Indium	115-2	224219	223329	204099	217216	5.23	cps
Iron	56-2	49151433	48812184	48507576	48823731	0.66	cps
Iron	57-2	1233354	1233944	1229906	1232401	0.18	cps
Lead	206-1	2408137	2424150	2405966	2412751	0.41	cps
Lead	207-1	2159720	2218233	2171529	2183161	1.42	cps
Lead	208-1	9767142	9914243	9842494	9841293	0.75	cps
Lithium	6-1	808747	807072	813041	809620	0.38	cps
Magnesium	24-2	5130783	5121874	5070379	5107679	0.64	cps
Manganese	55-2	167976	167184	166785	167315	0.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2845873	2856942	2872646	2858487	0.47	cps
Molybdenum	95-1	1539593	1552855	1545764	1546071	0.43	cps
Molybdenum	96-1	2021552	2013321	2016316	2017063	0.21	cps
Molybdenum	97-1	923604	928658	934988	929083	0.61	cps
Molybdenum	98-1	2466855	2482911	2482198	2477321	0.37	cps
Neodymium	150-1	207	240	193	213	11.27	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	186275	183811	184845	184977	0.67	cps
Phosphorus	31-2	3184	3134	3292	3203	2.53	cps
Potassium	39-2	1476353	1459741	1450517	1462204	0.90	cps
Rhodium	103-1	4984072	5018011	5015684	5005923	0.38	cps
Rhodium	103-2	1248081	1247658	1141639	1212459	5.06	cps
Scandium	45-1	3050789	3037037	2995208	3027678	0.96	cps
Scandium	45-2	24047	23376	21223	22882	6.45	cps
Selenium	77-2	280	227	243	250	10.91	cps
Selenium	78-2	887	887	826	867	4.07	cps
Selenium	82-1	46035	46194	45745	45991	0.50	cps
Silicon	28-1	1623125	1611870	1611955	1615650	0.40	cps
Silver	109-1	3551737	3552692	3560069	3554833	0.13	cps
Silver	107-1	3669398	3733093	3692562	3698351	0.87	cps
Sodium	23-2	11760202	11599960	11597786	11652649	0.80	cps
Strontium	86-1	957995	970620	973320	967312	0.85	cps
Strontium	88-1	8409072	8437806	8422397	8423091	0.17	cps
Sulfur	34-1	526530	529719	525983	527411	0.38	cps
Terbium	159-1	7492478	7420937	7620733	7511383	1.35	cps
Terbium	159-2	1414638	1416115	1299058	1376604	4.88	cps
Thallium	203-1	2976804	2983770	3010638	2990404	0.60	cps
Thallium	205-1	6961770	7001975	6988443	6984063	0.29	cps
Tin	118-1	2539806	2506225	2547504	2531178	0.87	cps
Titanium	47-1	373778	375723	372431	373977	0.44	cps
Uranium	238-1	9899567	9894903	10035064	9943178	0.80	cps
Vanadium	51-2	223419	222499	222100	222673	0.30	cps
Yttrium	89-1	5792667	5823393	5869001	5828353	0.66	cps
Yttrium	89-2	170944	171684	155309	165979	5.57	cps
Zinc	66-2	104758	106072	104225	105018	0.91	cps
Zirconium	90-1	5422620	5410148	5418751	5417173	0.12	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 19:57:17	DataFile Name :	058CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1179692	1189196	1187403	1185430	0.43	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	8	14	69.31	cps
Antimony	121-1	1734	1850	2117	1900	10.34	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	50	25	75	50	50.00	cps
Barium	137-1	58	83	83	75	19.24	cps
Beryllium	9-1	144	128	133	135	6.28	cps
Bismuth	209-1	4886901	4917267	4931467	4911878	0.46	cps
Bismuth	209-2	1204568	1197863	1193746	1198726	0.46	cps
Boron	10-1	1167	1067	958	1064	9.79	cps
Boron	11-1	5710	5143	4976	5276	7.29	cps
Cadmium	111-1	798	896	704	800	12.01	cps
Cadmium	106-1	1075	1183	917	1058	12.67	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	1275	1142	1058	1158	9.44	cps
Calcium	44-1	11305	11322	10529	11052	4.10	cps
Chromium	52-2	597	607	477	560	12.92	cps
Cobalt	59-2	57	47	33	46	25.70	cps
Copper	63-2	203	193	183	193	5.17	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	0	83	25	36	118.42	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	7204058	7115733	7131301	7150364	0.66	cps
Holmium	165-2	1437909	1439363	1435593	1437622	0.13	cps
Indium	115-1	5674681	5647926	5655184	5659264	0.24	cps
Indium	115-2	230792	229452	229048	229764	0.40	cps
Iron	56-2	1989	1856	1733	1859	6.88	cps
Iron	57-2	78	33	56	56	40.00	cps
Lead	206-1	722	767	789	759	4.47	cps
Lead	207-1	672	617	628	639	4.60	cps
Lead	208-1	2945	2806	3017	2922	3.67	cps
Lithium	6-1	822536	823815	823381	823244	0.08	cps
Magnesium	24-2	175	217	125	172	26.65	cps
Manganese	55-2	37	27	37	33	17.32	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	392	383	378	4.59	cps
Molybdenum	95-1	267	267	250	261	3.69	cps
Molybdenum	96-1	350	292	358	333	10.90	cps
Molybdenum	97-1	183	183	217	194	9.90	cps
Molybdenum	98-1	392	308	317	339	13.54	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	47	20	42	48.24	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2092	2159	2092	2114	1.82	cps
Rhodium	103-1	5307290	5240355	5363051	5303566	1.16	cps
Rhodium	103-2	1320160	1307928	1307469	1311852	0.55	cps
Scandium	45-1	3032250	3007712	3074096	3038019	1.10	cps
Scandium	45-2	22642	23106	23296	23015	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-5	-13	11	-2	-544.75	cps
Silicon	28-1	286847	297236	292131	292071	1.78	cps
Silver	109-1	175	208	142	175	19.05	cps
Silver	107-1	317	258	258	278	12.12	cps
Sodium	23-2	5618	5893	5551	5688	3.19	cps
Strontium	86-1	525	475	392	464	14.52	cps
Strontium	88-1	175	192	192	186	5.17	cps
Sulfur	34-1	306417	311123	309761	309100	0.78	cps
Terbium	159-1	7518335	7463955	7454332	7478874	0.46	cps
Terbium	159-2	1401725	1401876	1396492	1400031	0.22	cps
Thallium	203-1	1242	1108	1108	1153	6.68	cps
Thallium	205-1	2850	2950	2559	2787	7.31	cps
Tin	118-1	742	550	642	644	14.88	cps
Titanium	47-1	58	142	75	92	48.10	cps
Uranium	238-1	217	183	208	203	8.55	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	5837084	5827977	5817552	5827538	0.17	cps
Yttrium	89-2	168870	169396	169540	169269	0.21	cps
Zinc	66-2	37	60	43	47	25.75	cps
Zirconium	90-1	708	742	633	694	7.99	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:00:20	DataFile Name :	059CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	125	167	125	33.33	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	383	358	400	381	5.51	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	17	0	33	17	99.99	cps
Barium	137-1	58	67	50	58	14.29	cps
Beryllium	9-1	61	39	39	46	27.71	cps
Bismuth	209-1	4800291	4825190	4791536	4805672	0.36	cps
Bismuth	209-2	1215890	1214955	1236622	1222489	1.00	cps
Boron	10-1	125	142	217	161	30.31	cps
Boron	11-1	558	700	800	686	17.70	cps
Cadmium	111-1	619	724	720	688	8.63	cps
Cadmium	106-1	867	1017	1025	970	9.19	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	1292	1150	1208	1217	5.85	cps
Calcium	44-1	10213	9896	9979	10029	1.64	cps
Chromium	52-2	620	527	617	588	9.01	cps
Cobalt	59-2	20	33	20	24	31.49	cps
Copper	63-2	70	107	107	94	22.42	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	8	25	31	83.33	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	7137498	7077287	7024354	7079713	0.80	cps
Holmium	165-2	1460214	1460625	1485573	1468804	0.99	cps
Indium	115-1	5595099	5543927	5597987	5579004	0.55	cps
Indium	115-2	237928	236476	241196	238534	1.01	cps
Iron	56-2	1195	1339	1211	1248	6.33	cps
Iron	57-2	44	33	89	56	52.92	cps
Lead	206-1	617	600	583	600	2.78	cps
Lead	207-1	533	572	494	533	7.29	cps
Lead	208-1	2528	2283	2356	2389	5.26	cps
Lithium	6-1	791361	800331	800002	797231	0.64	cps
Magnesium	24-2	117	83	100	100	16.66	cps
Manganese	55-2	23	20	20	21	9.11	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	108	233	164	38.84	cps
Molybdenum	95-1	33	8	17	19	65.47	cps
Molybdenum	96-1	100	42	92	78	40.56	cps
Molybdenum	97-1	58	25	25	36	53.30	cps
Molybdenum	98-1	58	8	0	22	141.99	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	30	53	39	32.45	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1942	1942	2059	1981	3.40	cps
Rhodium	103-1	5322572	5298202	5263771	5294848	0.56	cps
Rhodium	103-2	1346223	1339232	1363044	1349500	0.91	cps
Scandium	45-1	3039985	3071763	3054455	3055401	0.52	cps
Scandium	45-2	24044	24665	24839	24516	1.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	-112	-72	-32	-72	-55.44	cps
Silicon	28-1	309287	308165	306916	308123	0.39	cps
Silver	109-1	75	67	67	69	6.93	cps
Silver	107-1	117	125	67	103	30.70	cps
Sodium	23-2	4051	4067	3659	3926	5.89	cps
Strontium	86-1	517	283	458	419	28.95	cps
Strontium	88-1	158	175	150	161	7.90	cps
Sulfur	34-1	318396	318676	317261	318111	0.24	cps
Terbium	159-1	7354126	7357571	7365996	7359231	0.08	cps
Terbium	159-2	1435383	1413526	1444497	1431136	1.11	cps
Thallium	203-1	208	183	267	219	19.49	cps
Thallium	205-1	575	583	558	572	2.22	cps
Tin	118-1	400	350	3869	1540	131.03	cps
Titanium	47-1	117	133	100	117	14.28	cps
Uranium	238-1	92	58	33	61	47.89	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	5750872	5772296	5782486	5768551	0.28	cps
Yttrium	89-2	174826	175279	177746	175950	0.89	cps
Zinc	66-2	50	37	30	39	26.18	cps
Zirconium	90-1	408	408	400	406	1.19	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BL	Instrumnet Name :	P8
Client Sample ID :	PB103870BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:31:40	DataFile Name :	060CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	108	142	139	21.07	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : PB103870BS Instrumnet Name : P8
 Client Sample ID : PB103870BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 20:34:51 DataFile Name : 061LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46644	45783	45273	45900	1.51	cps
Antimony	121-1	3900663	3888622	3905914	3898400	0.23	cps
Arsenic	75-2	40156	40344	39731	40077	0.78	cps
Barium	135-1	4087486	4117836	4086192	4097171	0.44	cps
Barium	137-1	7149590	7149595	7097824	7131136	0.41	cps
Beryllium	9-1	433600	432720	434092	433471	0.16	cps
Bismuth	209-1	4904046	4955812	4973758	4944539	0.73	cps
Bismuth	209-2	1216039	1216530	1218851	1217140	0.12	cps
Boron	10-1	48692	48750	50223	49222	1.76	cps
Boron	11-1	223610	230803	232784	229065	2.11	cps
Cadmium	111-1	812399	810401	810359	811053	0.14	cps
Cadmium	106-1	84079	84397	83526	84001	0.52	cps
Cadmium	108-1	56229	56698	56907	56612	0.61	cps
Calcium	43-1	768134	765842	772815	768930	0.46	cps
Calcium	44-1	12705074	12592086	12630297	12642486	0.45	cps
Chromium	52-2	317557	315952	311373	314961	1.02	cps
Cobalt	59-2	689343	691578	687586	689502	0.29	cps
Copper	63-2	1210570	1210307	1204264	1208380	0.30	cps
Dysprosium	156-1	33	67	75	58	37.80	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	125	50	67	81	48.89	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	7395642	7449186	7305757	7383528	0.98	cps
Holmium	165-2	1495985	1510391	1487842	1498073	0.76	cps
Indium	115-1	5673482	5730872	5643786	5682713	0.78	cps
Indium	115-2	234611	234750	231761	233707	0.72	cps
Iron	56-2	10809078	10908036	10704129	10807081	0.94	cps
Iron	57-2	273840	274243	271734	273272	0.49	cps
Lead	206-1	2572772	2567956	2560956	2567228	0.23	cps
Lead	207-1	2331502	2382439	2371014	2361651	1.13	cps
Lead	208-1	10494669	10573505	10563924	10544033	0.41	cps
Lithium	6-1	816030	818300	817172	817167	0.14	cps
Magnesium	24-2	1092127	1093369	1085308	1090268	0.40	cps
Manganese	55-2	178848	179041	177832	178574	0.36	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BS	Instrumnet Name :	P8
Client Sample ID :	PB103870BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:34:51	DataFile Name :	061LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3015310	3001769	3043725	3020268	0.71	cps
Molybdenum	95-1	1612879	1640186	1615617	1622894	0.93	cps
Molybdenum	96-1	2111316	2123544	2130850	2121903	0.47	cps
Molybdenum	97-1	990398	986443	984963	987268	0.28	cps
Molybdenum	98-1	2636557	2635676	2646614	2639615	0.23	cps
Neodymium	150-1	167	200	153	173	13.87	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	202191	202236	202167	202198	0.02	cps
Phosphorus	31-2	3167	3284	3159	3203	2.18	cps
Potassium	39-2	312292	312523	309489	311435	0.54	cps
Rhodium	103-1	5344719	5335087	5313034	5330947	0.30	cps
Rhodium	103-2	1331114	1326664	1313401	1323727	0.70	cps
Scandium	45-1	3086447	3111985	3144113	3114182	0.93	cps
Scandium	45-2	24168	23977	23944	24030	0.50	cps
Selenium	77-2	323	290	240	284	14.74	cps
Selenium	78-2	939	959	982	960	2.22	cps
Selenium	82-1	49298	49844	49836	49659	0.63	cps
Silicon	28-1	1685742	1707995	1689204	1694314	0.71	cps
Silver	109-1	3814408	3836993	3871505	3840969	0.75	cps
Silver	107-1	4030130	4079416	4000780	4036775	0.98	cps
Sodium	23-2	2557342	2576723	2535323	2556463	0.81	cps
Strontium	86-1	1002759	1006613	1006327	1005233	0.21	cps
Strontium	88-1	8748299	8674976	8743252	8722176	0.47	cps
Sulfur	34-1	533652	529860	525204	529572	0.80	cps
Terbium	159-1	7636372	7633574	7642970	7637639	0.06	cps
Terbium	159-2	1463236	1473095	1456080	1464137	0.58	cps
Thallium	203-1	3160543	3203530	3173931	3179334	0.69	cps
Thallium	205-1	7388100	7524619	7451901	7454873	0.92	cps
Tin	118-1	2667570	2653927	2684174	2668557	0.57	cps
Titanium	47-1	399988	395409	397483	397627	0.58	cps
Uranium	238-1	10413859	10344452	10504148	10420819	0.77	cps
Vanadium	51-2	237998	237848	236488	237445	0.35	cps
Yttrium	89-1	6004292	5964369	5985988	5984883	0.33	cps
Yttrium	89-2	177729	176727	174138	176198	1.05	cps
Zinc	66-2	107432	108292	107560	107761	0.43	cps
Zirconium	90-1	5692489	5630086	5694288	5672288	0.64	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	PB103870BS	Instrumnet Name :	P8
Client Sample ID :	PB103870BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:34:51	DataFile Name :	061LCS6_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1257584	1257167	1254803	1256518	0.12	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : I6259-01 Instrumnet Name : P8
 Client Sample ID : NWP04E Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 20:37:56 DataFile Name : 062SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	33	53	39.74	cps
Antimony	121-1	3017	2959	3276	3084	5.47	cps
Arsenic	75-2	30	30	24	28	11.56	cps
Barium	135-1	55442	55024	56789	55752	1.65	cps
Barium	137-1	99297	98959	98374	98877	0.47	cps
Beryllium	9-1	111	122	111	115	5.59	cps
Bismuth	209-1	5357351	5288240	5273298	5306297	0.85	cps
Bismuth	209-2	1314704	1293816	1294409	1300976	0.91	cps
Boron	10-1	2692	2359	2492	2514	6.67	cps
Boron	11-1	12331	12447	11330	12036	5.10	cps
Cadmium	111-1	845	933	833	870	6.25	cps
Cadmium	106-1	1000	1100	958	1020	7.14	cps
Cadmium	108-1	25	0	13	13	100.00	cps
Calcium	43-1	270986	267972	266245	268401	0.89	cps
Calcium	44-1	4470485	4512865	4459283	4480877	0.63	cps
Chromium	52-2	727	637	780	714	10.14	cps
Cobalt	59-2	57	90	67	71	24.05	cps
Copper	63-2	188549	187009	186331	187296	0.61	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	13	0	20	11	91.66	cps
Erbium	164-1	17	58	33	36	58.08	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	100	108	67	92	24.05	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	7969139	7876593	7805942	7883891	1.04	cps
Holmium	165-2	1607551	1579681	1584172	1590468	0.94	cps
Indium	115-1	6291214	6168111	6211067	6223464	1.00	cps
Indium	115-2	253547	250211	249131	250963	0.92	cps
Iron	56-2	269369	266519	267878	267922	0.53	cps
Iron	57-2	6391	6718	6668	6593	2.68	cps
Lead	206-1	52364	50791	52492	51882	1.83	cps
Lead	207-1	42739	43257	42148	42715	1.30	cps
Lead	208-1	200612	197809	197522	198647	0.86	cps
Lithium	6-1	842956	841721	842284	842320	0.07	cps
Magnesium	24-2	131916	128770	127578	129421	1.73	cps
Manganese	55-2	1590	1687	1657	1645	3.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01	Instrumnet Name :	P8
Client Sample ID :	NWP04E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:37:56	DataFile Name :	062SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	1033	1008	978	7.73	cps
Molybdenum	95-1	742	600	592	644	13.08	cps
Molybdenum	96-1	833	758	1017	870	15.29	cps
Molybdenum	97-1	525	275	433	411	30.76	cps
Molybdenum	98-1	1092	1283	1175	1183	8.12	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	213	220	203	212	3.95	cps
Phosphorus	31-2	208	233	133	192	27.15	cps
Potassium	39-2	26659	24597	25299	25518	4.11	cps
Rhodium	103-1	5736926	5798767	5679970	5738554	1.04	cps
Rhodium	103-2	1436078	1432342	1419440	1429286	0.61	cps
Scandium	45-1	3346822	3321549	3335634	3334668	0.38	cps
Scandium	45-2	25587	25236	25400	25408	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-20	-51	-11	-27	-77.02	cps
Silicon	28-1	7154608	7076338	7201401	7144116	0.88	cps
Silver	109-1	2459	2784	2675	2639	6.27	cps
Silver	107-1	2284	2792	2975	2684	13.36	cps
Sodium	23-2	2763329	2716810	2738085	2739408	0.85	cps
Strontium	86-1	124170	121874	123790	123278	1.00	cps
Strontium	88-1	1061837	1060508	1061572	1061306	0.07	cps
Sulfur	34-1	353873	352757	351050	352560	0.40	cps
Terbium	159-1	8260081	8251516	8194134	8235243	0.44	cps
Terbium	159-2	1546884	1538341	1535430	1540219	0.39	cps
Thallium	203-1	3017	2926	2217	2720	16.10	cps
Thallium	205-1	7669	6660	5401	6577	17.28	cps
Tin	118-1	1900	1759	1692	1784	5.97	cps
Titanium	47-1	567	725	542	611	16.27	cps
Uranium	238-1	4434	4493	4209	4379	3.42	cps
Vanadium	51-2	140	140	190	157	18.43	cps
Yttrium	89-1	6444519	6329638	6399916	6391357	0.91	cps
Yttrium	89-2	188444	185182	182926	185518	1.50	cps
Zinc	66-2	4864	4634	5008	4835	3.90	cps
Zirconium	90-1	1550	1342	1625	1506	9.75	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01	Instrumnet Name :	P8
Client Sample ID :	NWP04E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:37:56	DataFile Name :	062SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	200	300	275	24.05	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	108	117	94	33.40	cps
Antimony	121-1	1950	1867	1784	1867	4.46	cps
Arsenic	75-2	24	22	30	25	15.24	cps
Barium	135-1	55116	54479	54680	54759	0.59	cps
Barium	137-1	96183	97090	94672	95981	1.27	cps
Beryllium	9-1	94	50	39	61	48.11	cps
Bismuth	209-1	5253691	5244782	5264626	5254366	0.19	cps
Bismuth	209-2	1263073	1254137	1258553	1258588	0.36	cps
Boron	10-1	1859	1734	2084	1892	9.38	cps
Boron	11-1	7902	7752	8036	7897	1.80	cps
Cadmium	111-1	984	757	714	818	17.70	cps
Cadmium	106-1	1242	975	883	1033	18.02	cps
Cadmium	108-1	21	13	0	11	94.37	cps
Calcium	43-1	259370	257904	258140	258471	0.30	cps
Calcium	44-1	4263027	4320237	4222019	4268427	1.16	cps
Chromium	52-2	683	773	747	734	6.29	cps
Cobalt	59-2	103	43	80	76	40.04	cps
Copper	63-2	180364	179522	179000	179629	0.38	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	7785967	7769373	7767988	7774443	0.13	cps
Holmium	165-2	1533252	1531715	1517231	1527399	0.58	cps
Indium	115-1	6078984	6113162	6099580	6097242	0.28	cps
Indium	115-2	243150	241633	236404	240396	1.47	cps
Iron	56-2	255925	251269	254001	253732	0.92	cps
Iron	57-2	6641	6413	6591	6548	1.83	cps
Lead	206-1	49854	50629	49391	49958	1.25	cps
Lead	207-1	41145	42237	41558	41647	1.32	cps
Lead	208-1	192037	195982	192693	193571	1.09	cps
Lithium	6-1	830640	825435	829745	828607	0.34	cps
Magnesium	24-2	121870	121759	119708	121112	1.01	cps
Manganese	55-2	1747	1553	1617	1639	6.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	600	683	647	6.61	cps
Molybdenum	95-1	542	517	600	553	7.74	cps
Molybdenum	96-1	667	758	692	706	6.72	cps
Molybdenum	97-1	408	250	283	314	26.59	cps
Molybdenum	98-1	858	1017	825	900	11.38	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	230	250	283	254	10.59	cps
Phosphorus	31-2	200	225	133	186	25.46	cps
Potassium	39-2	24247	24038	23295	23860	2.10	cps
Rhodium	103-1	5632625	5635727	5592764	5620372	0.43	cps
Rhodium	103-2	1389786	1379125	1369130	1379347	0.75	cps
Scandium	45-1	3213993	3201916	3175190	3197033	0.62	cps
Scandium	45-2	24104	24021	23670	23932	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	44	17	12	24	71.74	cps
Silicon	28-1	6752450	6766032	6644872	6721118	0.99	cps
Silver	109-1	2100	2250	2134	2161	3.65	cps
Silver	107-1	2200	2050	2584	2278	12.08	cps
Sodium	23-2	2562122	2544856	2545946	2550975	0.38	cps
Strontium	86-1	118771	118915	119024	118903	0.11	cps
Strontium	88-1	1040406	1039825	1022273	1034168	1.00	cps
Sulfur	34-1	345704	341060	343772	343512	0.68	cps
Terbium	159-1	8027355	8154162	8040942	8074153	0.86	cps
Terbium	159-2	1492124	1484576	1472222	1482974	0.68	cps
Thallium	203-1	550	592	633	592	7.04	cps
Thallium	205-1	1233	1217	1392	1281	7.54	cps
Tin	118-1	1417	1267	1484	1389	7.99	cps
Titanium	47-1	617	742	608	656	11.39	cps
Uranium	238-1	4176	4201	4451	4276	3.56	cps
Vanadium	51-2	163	130	187	160	17.80	cps
Yttrium	89-1	6196170	6212864	6199954	6202996	0.14	cps
Yttrium	89-2	180473	176371	175161	177335	1.57	cps
Zinc	66-2	4661	4407	4504	4524	2.83	cps
Zirconium	90-1	1225	1433	1075	1245	14.46	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01DUP	Instrumnet Name :	P8
Client Sample ID :	NWP04EDUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:41:06	DataFile Name :	063SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	250	275	250	10.00	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	42	42	20.00	cps
Antimony	121-1	758	800	1075	878	19.60	cps
Arsenic	75-2	6	11	7	8	35.21	cps
Barium	135-1	10288	9896	10496	10227	2.98	cps
Barium	137-1	17554	18122	18330	18002	2.23	cps
Beryllium	9-1	72	78	56	69	16.88	cps
Bismuth	209-1	4999965	5030885	5132602	5054484	1.37	cps
Bismuth	209-2	1251951	1237639	1246767	1245452	0.58	cps
Boron	10-1	725	583	625	644	11.30	cps
Boron	11-1	3309	3292	3234	3278	1.20	cps
Cadmium	111-1	790	689	908	796	13.79	cps
Cadmium	106-1	1058	967	1217	1081	11.71	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	48777	46929	49212	48306	2.51	cps
Calcium	44-1	779899	776488	810061	788816	2.34	cps
Chromium	52-2	663	607	607	626	5.23	cps
Cobalt	59-2	27	33	27	29	13.31	cps
Copper	63-2	33801	33978	33861	33880	0.27	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	7391409	7421192	7528183	7446928	0.97	cps
Holmium	165-2	1506201	1492789	1492969	1497320	0.51	cps
Indium	115-1	5785976	5736050	5894471	5805499	1.40	cps
Indium	115-2	238794	238636	237451	238293	0.31	cps
Iron	56-2	49678	47821	49410	48970	2.05	cps
Iron	57-2	1050	1400	1345	1265	14.87	cps
Lead	206-1	9826	9604	10199	9876	3.04	cps
Lead	207-1	7641	8208	7842	7897	3.64	cps
Lead	208-1	37278	37367	38279	37641	1.47	cps
Lithium	6-1	798286	789856	813619	800587	1.50	cps
Magnesium	24-2	22293	23345	23144	22928	2.44	cps
Manganese	55-2	300	330	333	321	5.72	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	308	242	292	15.12	cps
Molybdenum	95-1	158	117	167	147	18.20	cps
Molybdenum	96-1	158	225	167	183	19.81	cps
Molybdenum	97-1	167	158	167	164	2.94	cps
Molybdenum	98-1	242	250	133	208	31.24	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	90	50	40	60	44.10	cps
Phosphorus	31-2	50	50	17	39	49.48	cps
Potassium	39-2	6302	5968	5435	5902	7.41	cps
Rhodium	103-1	5318285	5316493	5497319	5377366	1.93	cps
Rhodium	103-2	1373744	1365930	1358349	1366008	0.56	cps
Scandium	45-1	3036395	2999259	3129293	3054982	2.19	cps
Scandium	45-2	23059	23319	23463	23281	0.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	1	39	-20	7	456.44	cps
Silicon	28-1	1514755	1494837	1542118	1517237	1.56	cps
Silver	109-1	692	717	608	672	8.44	cps
Silver	107-1	758	700	733	731	4.01	cps
Sodium	23-2	474566	474855	480975	476799	0.76	cps
Strontium	86-1	21768	21560	22027	21785	1.07	cps
Strontium	88-1	186265	187195	190073	187844	1.06	cps
Sulfur	34-1	302565	302065	306914	303848	0.88	cps
Terbium	159-1	7766775	7664690	7870069	7767178	1.32	cps
Terbium	159-2	1464870	1460281	1461725	1462292	0.16	cps
Thallium	203-1	150	200	167	172	14.78	cps
Thallium	205-1	342	358	584	428	31.57	cps
Tin	118-1	558	617	992	722	32.60	cps
Titanium	47-1	208	225	217	217	3.84	cps
Uranium	238-1	792	758	992	847	14.90	cps
Vanadium	51-2	53	23	43	40	38.19	cps
Yttrium	89-1	5925696	5909752	6095740	5977063	1.72	cps
Yttrium	89-2	174411	175008	174525	174648	0.18	cps
Zinc	66-2	877	863	1007	916	8.65	cps
Zirconium	90-1	575	433	492	500	14.24	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01LX5	Instrumnet Name :	P8
Client Sample ID :	NWP04EL	Dilution Factor :	5
Date & Time Acquired ::	2017-10-31 20:44:17	DataFile Name :	064SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	167	158	156	8.19	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8420	8887	8178	8495	4.24	cps
Antimony	121-1	6751635	6667360	6646015	6688337	0.83	cps
Arsenic	75-2	65902	65179	65547	65543	0.55	cps
Barium	135-1	421074	416948	424128	420717	0.86	cps
Barium	137-1	738542	736370	739205	738039	0.20	cps
Beryllium	9-1	180905	181046	180422	180791	0.18	cps
Bismuth	209-1	5531431	5479512	5528827	5513257	0.53	cps
Bismuth	209-2	1319166	1303806	1302639	1308537	0.70	cps
Boron	10-1	30166	30508	31903	30859	2.98	cps
Boron	11-1	143243	147695	150642	147194	2.53	cps
Cadmium	111-1	359656	355381	358778	357939	0.63	cps
Cadmium	106-1	31939	32682	32315	32312	1.15	cps
Cadmium	108-1	24059	22920	22803	23261	2.98	cps
Calcium	43-1	281333	277713	280936	279994	0.71	cps
Calcium	44-1	4638599	4621745	4580951	4613765	0.64	cps
Chromium	52-2	260299	257617	257454	258457	0.62	cps
Cobalt	59-2	289937	286441	286978	287785	0.65	cps
Copper	63-2	567211	563746	560017	563658	0.64	cps
Dysprosium	156-1	257413	255698	258666	257259	0.58	cps
Dysprosium	156-2	5411	5275	5134	5273	2.62	cps
Erbium	164-1	92	83	125	100	22.05	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	142	92	158	131	26.57	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	8128387	8186296	8125878	8146854	0.42	cps
Holmium	165-2	1612552	1621474	1583653	1605893	1.23	cps
Indium	115-1	6249690	6169355	6219743	6212930	0.65	cps
Indium	115-2	241781	240584	241705	241357	0.28	cps
Iron	56-2	1441595	1435919	1408948	1428821	1.22	cps
Iron	57-2	35173	35852	34694	35240	1.65	cps
Lead	206-1	5811842	5870636	5816543	5833007	0.56	cps
Lead	207-1	5239328	5222141	5203616	5221695	0.34	cps
Lead	208-1	23592791	23748897	23558274	23633321	0.43	cps
Lithium	6-1	859345	859390	856790	858508	0.17	cps
Magnesium	24-2	164600	159685	162560	162281	1.52	cps
Manganese	55-2	38226	37627	37193	37682	1.38	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	790178	786965	785035	787393	0.33	cps
Molybdenum	95-1	1400770	1383132	1410353	1398085	0.99	cps
Molybdenum	96-1	1546775	1528059	1515525	1530119	1.03	cps
Molybdenum	97-1	860338	854275	856322	856978	0.36	cps
Molybdenum	98-1	2282979	2272853	2266162	2273998	0.37	cps
Neodymium	150-1	53	60	53	56	6.92	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	213541	212989	213686	213405	0.17	cps
Phosphorus	31-2	2042	1859	1984	1961	4.78	cps
Potassium	39-2	145603	144730	144264	144865	0.47	cps
Rhodium	103-1	5792195	5818828	5779271	5796765	0.35	cps
Rhodium	103-2	1430623	1420176	1423892	1424897	0.37	cps
Scandium	45-1	3305754	3317643	3251754	3291717	1.07	cps
Scandium	45-2	24188	24238	23537	23987	1.63	cps
Selenium	77-2	1137	1140	1080	1119	3.01	cps
Selenium	78-2	3908	3778	3902	3863	1.90	cps
Selenium	82-1	219760	218676	217574	218670	0.50	cps
Silicon	28-1	9397137	9378036	9357484	9377552	0.21	cps
Silver	109-1	620695	614907	617129	617577	0.47	cps
Silver	107-1	650456	654368	648078	650967	0.49	cps
Sodium	23-2	2731389	2693915	2665864	2697056	1.22	cps
Strontium	86-1	550722	543418	545786	546642	0.68	cps
Strontium	88-1	4823401	4786437	4825195	4811677	0.45	cps
Sulfur	34-1	342288	345450	333552	340430	1.81	cps
Terbium	159-1	8508499	8416728	8490981	8472069	0.58	cps
Terbium	159-2	1553459	1583135	1554933	1563842	1.07	cps
Thallium	203-1	14077345	14346560	14003012	14142306	1.28	cps
Thallium	205-1	33804406	33848902	33874024	33842444	0.10	cps
Tin	118-1	4144364	4129723	4109105	4127730	0.43	cps
Titanium	47-1	166496	168366	167735	167532	0.57	cps
Uranium	238-1	4426	4251	4359	4345	2.03	cps
Vanadium	51-2	144473	143102	144620	144065	0.58	cps
Yttrium	89-1	6432339	6470545	6390252	6431046	0.62	cps
Yttrium	89-2	182879	179580	180691	181050	0.93	cps
Zinc	66-2	26903	26990	26933	26942	0.16	cps
Zirconium	90-1	3409	3392	3501	3434	1.70	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MS	Instrumnet Name :	P8
Client Sample ID :	NWP04EMS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:47:29	DataFile Name :	065SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150	1308	1058	1172	10.79	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8861	8078	8261	8400	4.88	cps
Antimony	121-1	6399556	6340731	6349430	6363239	0.50	cps
Arsenic	75-2	64966	63525	63830	64107	1.19	cps
Barium	135-1	416846	418402	413941	416396	0.54	cps
Barium	137-1	739266	727870	721859	729665	1.21	cps
Beryllium	9-1	177711	176287	174631	176209	0.87	cps
Bismuth	209-1	5571990	5496481	5492015	5520162	0.81	cps
Bismuth	209-2	1298147	1292333	1304686	1298389	0.48	cps
Boron	10-1	30559	31594	31243	31132	1.69	cps
Boron	11-1	143098	148712	149378	147063	2.35	cps
Cadmium	111-1	353377	355710	352368	353818	0.48	cps
Cadmium	106-1	32824	32741	31647	32404	2.03	cps
Cadmium	108-1	23496	23625	23350	23490	0.59	cps
Calcium	43-1	273965	274681	276105	274917	0.40	cps
Calcium	44-1	4584193	4588182	4625810	4599395	0.50	cps
Chromium	52-2	255316	252622	250549	252829	0.95	cps
Cobalt	59-2	285625	284042	281929	283865	0.65	cps
Copper	63-2	556125	550342	549109	551859	0.68	cps
Dysprosium	156-1	256481	257185	253076	255581	0.86	cps
Dysprosium	156-2	5048	5121	5154	5108	1.07	cps
Erbium	164-1	50	92	100	81	33.26	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	150	183	133	156	16.37	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	8192667	8194282	8105946	8164298	0.62	cps
Holmium	165-2	1618270	1583600	1569214	1590361	1.59	cps
Indium	115-1	6209474	6230934	6175205	6205204	0.45	cps
Indium	115-2	240582	236632	235901	237705	1.06	cps
Iron	56-2	1401962	1344921	1340485	1362456	2.52	cps
Iron	57-2	33925	34081	33390	33799	1.07	cps
Lead	206-1	5836463	5750749	5818554	5801922	0.78	cps
Lead	207-1	5180045	5250235	5201244	5210508	0.69	cps
Lead	208-1	23641297	23648870	23646230	23645466	0.02	cps
Lithium	6-1	852709	857842	859377	856642	0.41	cps
Magnesium	24-2	161533	157259	158979	159257	1.35	cps
Manganese	55-2	36896	36404	36789	36696	0.70	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	782839	780008	776039	779628	0.44	cps
Molybdenum	95-1	1402959	1364892	1381314	1383055	1.38	cps
Molybdenum	96-1	1520600	1527277	1494998	1514292	1.13	cps
Molybdenum	97-1	855974	845172	850025	850390	0.64	cps
Molybdenum	98-1	2254778	2249384	2264195	2256119	0.33	cps
Neodymium	150-1	27	60	47	44	37.74	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	210069	208161	207572	208601	0.63	cps
Phosphorus	31-2	2034	1959	1817	1936	5.68	cps
Potassium	39-2	140200	140063	141438	140567	0.54	cps
Rhodium	103-1	5829079	5829719	5829027	5829275	0.01	cps
Rhodium	103-2	1417254	1404588	1402434	1408092	0.57	cps
Scandium	45-1	3258925	3288489	3226746	3258053	0.95	cps
Scandium	45-2	24111	23613	23613	23779	1.21	cps
Selenium	77-2	1180	1183	1003	1122	9.18	cps
Selenium	78-2	3904	3660	3589	3718	4.45	cps
Selenium	82-1	217150	217516	215582	216749	0.47	cps
Silicon	28-1	9136928	9115565	9236409	9162968	0.70	cps
Silver	109-1	619341	617674	612981	616665	0.53	cps
Silver	107-1	644171	647025	639156	643451	0.62	cps
Sodium	23-2	2630756	2585135	2637923	2617938	1.09	cps
Strontium	86-1	535688	545612	537787	539696	0.97	cps
Strontium	88-1	4732498	4780111	4753171	4755260	0.50	cps
Sulfur	34-1	327249	325263	318169	323561	1.48	cps
Terbium	159-1	8507678	8492201	8469391	8489757	0.23	cps
Terbium	159-2	1545920	1533782	1523699	1534467	0.73	cps
Thallium	203-1	14006240	14237594	13948500	14064111	1.09	cps
Thallium	205-1	33850903	33774067	33851238	33825403	0.13	cps
Tin	118-1	4123756	4080991	4050521	4085090	0.90	cps
Titanium	47-1	167776	165036	163849	165554	1.22	cps
Uranium	238-1	4518	4351	4434	4434	1.88	cps
Vanadium	51-2	142075	139746	140113	140645	0.89	cps
Yttrium	89-1	6431150	6526879	6422627	6460219	0.90	cps
Yttrium	89-2	180195	177527	177797	178506	0.82	cps
Zinc	66-2	27060	26075	26068	26401	2.16	cps
Zirconium	90-1	2384	2842	2542	2589	8.99	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01MSD	Instrumnet Name :	P8
Client Sample ID :	NWP04EMSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:50:34	DataFile Name :	066SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000	792	908	900	11.60	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8103	8094	8486	8228	2.72	cps
Antimony	121-1	6528249	6569739	6497261	6531750	0.56	cps
Arsenic	75-2	63686	63956	63664	63769	0.25	cps
Barium	135-1	420548	422546	416016	419703	0.80	cps
Barium	137-1	737438	743014	738233	739561	0.41	cps
Beryllium	9-1	178453	175011	174552	176005	1.21	cps
Bismuth	209-1	5559653	5633195	5555623	5582823	0.78	cps
Bismuth	209-2	1293884	1300159	1289932	1294658	0.40	cps
Boron	10-1	31644	31126	31844	31538	1.18	cps
Boron	11-1	145953	150430	149665	148683	1.61	cps
Cadmium	111-1	357997	355767	355391	356385	0.40	cps
Cadmium	106-1	32457	33300	32231	32663	1.73	cps
Cadmium	108-1	23087	23408	23704	23400	1.32	cps
Calcium	43-1	273064	273209	274579	273617	0.31	cps
Calcium	44-1	4543348	4596348	4538485	4559394	0.70	cps
Chromium	52-2	251855	251861	246677	250131	1.20	cps
Cobalt	59-2	283959	282182	278823	281655	0.93	cps
Copper	63-2	552926	549034	551356	551105	0.36	cps
Dysprosium	156-1	256013	255189	253269	254824	0.55	cps
Dysprosium	156-2	5101	5158	4784	5014	4.01	cps
Erbium	164-1	83	92	58	78	22.30	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	183	142	167	164	12.80	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	8324455	8265969	8292774	8294399	0.35	cps
Holmium	165-2	1605566	1603431	1593238	1600745	0.41	cps
Indium	115-1	6170093	6254194	6247073	6223787	0.75	cps
Indium	115-2	238711	238374	236243	237776	0.56	cps
Iron	56-2	1355505	1364070	1338893	1352823	0.95	cps
Iron	57-2	34404	34710	33574	34230	1.72	cps
Lead	206-1	5888912	5914487	5825842	5876413	0.78	cps
Lead	207-1	5223932	5313518	5231816	5256422	0.94	cps
Lead	208-1	23909116	24135715	23728558	23924463	0.85	cps
Lithium	6-1	864101	864697	855620	861472	0.59	cps
Magnesium	24-2	158876	158214	157784	158291	0.35	cps
Manganese	55-2	37126	37343	35966	36812	2.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	778679	783336	777246	779754	0.41	cps
Molybdenum	95-1	1386709	1375516	1366355	1376193	0.74	cps
Molybdenum	96-1	1515987	1501578	1508083	1508549	0.48	cps
Molybdenum	97-1	852642	851903	851295	851947	0.08	cps
Molybdenum	98-1	2267181	2295976	2276723	2279960	0.64	cps
Neodymium	150-1	47	87	40	58	43.68	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	208770	207995	207099	207954	0.40	cps
Phosphorus	31-2	2034	1975	1892	1967	3.62	cps
Potassium	39-2	140546	138299	137103	138649	1.26	cps
Rhodium	103-1	5768926	5808902	5816638	5798155	0.44	cps
Rhodium	103-2	1415304	1400433	1390160	1401965	0.90	cps
Scandium	45-1	3249386	3266634	3265788	3260603	0.30	cps
Scandium	45-2	23366	22885	22789	23013	1.34	cps
Selenium	77-2	1110	1117	1087	1105	1.43	cps
Selenium	78-2	3695	3845	3678	3739	2.46	cps
Selenium	82-1	216367	217333	216568	216756	0.24	cps
Silicon	28-1	9133684	9047864	9040381	9073977	0.57	cps
Silver	109-1	616287	612962	618532	615927	0.45	cps
Silver	107-1	647445	645576	644044	645688	0.26	cps
Sodium	23-2	2588752	2598218	2576944	2587971	0.41	cps
Strontium	86-1	542250	546264	537855	542123	0.78	cps
Strontium	88-1	4772367	4790879	4760737	4774661	0.32	cps
Sulfur	34-1	323519	321924	316230	320558	1.20	cps
Terbium	159-1	8619689	8600659	8487428	8569258	0.83	cps
Terbium	159-2	1545350	1537119	1526134	1536201	0.63	cps
Thallium	203-1	14317123	14431435	14348261	14365606	0.41	cps
Thallium	205-1	34344758	34557004	34036464	34312742	0.76	cps
Tin	118-1	4127982	4113628	4111080	4117563	0.22	cps
Titanium	47-1	165922	163636	166781	165447	0.98	cps
Uranium	238-1	4584	4751	4401	4579	3.83	cps
Vanadium	51-2	139543	138787	137530	138620	0.73	cps
Yttrium	89-1	6449570	6423241	6398736	6423849	0.40	cps
Yttrium	89-2	178982	176592	175968	177180	0.90	cps
Zinc	66-2	26319	25975	25828	26040	0.97	cps
Zirconium	90-1	2450	2017	2034	2167	11.33	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-01A	Instrumnet Name :	P8
Client Sample ID :	NWP04EA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:53:42	DataFile Name :	067SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	850	833	892	9.76	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	250	175	217	17.63	cps
Antimony	121-1	12924	12798	12289	12670	2.65	cps
Arsenic	75-2	54	39	59	51	20.80	cps
Barium	135-1	42754	42770	42210	42578	0.75	cps
Barium	137-1	73346	71016	74636	72999	2.51	cps
Beryllium	9-1	111	117	133	120	9.61	cps
Bismuth	209-1	5211081	5648278	5672387	5510582	4.71	cps
Bismuth	209-2	1302089	1297692	1288656	1296146	0.53	cps
Boron	10-1	3576	3567	3842	3662	4.27	cps
Boron	11-1	17119	16869	17403	17130	1.56	cps
Cadmium	111-1	726	660	935	774	18.59	cps
Cadmium	106-1	875	808	1192	958	21.37	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	171385	172226	169712	171108	0.75	cps
Calcium	44-1	2885116	2845669	2862695	2864493	0.69	cps
Chromium	52-2	3204	3624	3327	3385	6.38	cps
Cobalt	59-2	157	147	160	154	4.49	cps
Copper	63-2	57532	55735	56521	56596	1.59	cps
Dysprosium	156-1	142	133	125	133	6.25	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-1	217	142	150	169	24.26	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	175	125	183	161	19.58	cps
Gadolinium	160-2	43	27	23	31	34.44	cps
Holmium	165-1	7604943	8292065	8217225	8038077	4.69	cps
Holmium	165-2	1551795	1559212	1544045	1551684	0.49	cps
Indium	115-1	5799473	6351032	6318798	6156434	5.03	cps
Indium	115-2	241537	240047	236343	239309	1.12	cps
Iron	56-2	2190390	2189331	2168520	2182747	0.56	cps
Iron	57-2	53687	54022	53843	53851	0.31	cps
Lead	206-1	2534	2689	2723	2649	3.81	cps
Lead	207-1	2550	2334	2406	2430	4.54	cps
Lead	208-1	10708	10635	10730	10691	0.46	cps
Lithium	6-1	810887	873989	875903	853593	4.33	cps
Magnesium	24-2	69797	67486	69144	68809	1.73	cps
Manganese	55-2	4347	4581	4434	4454	2.65	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4017	4001	3834	3951	2.57	cps
Molybdenum	95-1	2759	3292	3101	3050	8.86	cps
Molybdenum	96-1	3751	4009	3692	3817	4.42	cps
Molybdenum	97-1	2050	1967	1925	1981	3.21	cps
Molybdenum	98-1	4634	5226	4759	4873	6.40	cps
Neodymium	150-1	167	147	213	176	19.49	cps
Neodymium	150-2	20	20	27	22	17.33	cps
Nickel	60-2	870	863	817	850	3.42	cps
Phosphorus	31-2	267	208	283	253	15.58	cps
Potassium	39-2	11722	11430	11397	11516	1.55	cps
Rhodium	103-1	5423005	5835001	5826302	5694769	4.13	cps
Rhodium	103-2	1409742	1398003	1387972	1398572	0.78	cps
Scandium	45-1	2977430	3192070	3197378	3122293	4.02	cps
Scandium	45-2	22542	22558	22408	22503	0.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	104	-1	39	48	111.27	cps
Silicon	28-1	6287734	6212266	6269114	6256371	0.63	cps
Silver	109-1	1183	1233	1158	1192	3.20	cps
Silver	107-1	1292	1192	1250	1245	4.04	cps
Sodium	23-2	1348753	1339405	1321758	1336639	1.03	cps
Strontium	86-1	80193	77344	79397	78978	1.86	cps
Strontium	88-1	689484	679407	680385	683092	0.81	cps
Sulfur	34-1	309272	306008	307307	307529	0.53	cps
Terbium	159-1	7779735	8560373	8418219	8252776	5.04	cps
Terbium	159-2	1527399	1506315	1500366	1511360	0.94	cps
Thallium	203-1	2067	1600	2084	1917	14.32	cps
Thallium	205-1	4785	4659	4168	4537	7.19	cps
Tin	118-1	3792	3701	3367	3620	6.18	cps
Titanium	47-1	2550	2709	2900	2720	6.45	cps
Uranium	238-1	2342	2600	2400	2448	5.54	cps
Vanadium	51-2	953	883	973	937	5.05	cps
Yttrium	89-1	5872687	6359945	6384440	6205691	4.65	cps
Yttrium	89-2	175116	174828	173476	174473	0.50	cps
Zinc	66-2	4601	4411	4387	4466	2.62	cps
Zirconium	90-1	6060	5485	5526	5690	5.64	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-02	Instrumnet Name :	P8
Client Sample ID :	NWP06AC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:56:48	DataFile Name :	068SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1350	1158	1192	1233	8.30	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	100	117	18.90	cps
Antimony	121-1	4634	4984	4943	4854	3.94	cps
Arsenic	75-2	33	11	33	26	49.49	cps
Barium	135-1	40672	40521	39995	40396	0.88	cps
Barium	137-1	70757	70371	70136	70421	0.45	cps
Beryllium	9-1	83	144	106	111	27.84	cps
Bismuth	209-1	5586590	5646451	5579190	5604077	0.66	cps
Bismuth	209-2	1269885	1255814	1262031	1262577	0.56	cps
Boron	10-1	2034	2117	1975	2042	3.49	cps
Boron	11-1	8903	8887	9137	8975	1.56	cps
Cadmium	111-1	794	825	630	750	13.92	cps
Cadmium	106-1	1033	1117	842	997	14.14	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	163836	164805	163794	164145	0.35	cps
Calcium	44-1	2743908	2765909	2763541	2757786	0.44	cps
Chromium	52-2	1137	1153	1097	1129	2.58	cps
Cobalt	59-2	97	87	67	83	18.33	cps
Copper	63-2	48792	48795	48571	48720	0.26	cps
Dysprosium	156-1	58	67	58	61	7.87	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	92	108	67	89	23.59	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	125	117	117	119	4.03	cps
Gadolinium	160-2	20	17	0	12	87.67	cps
Holmium	165-1	8141130	8125442	8109372	8125315	0.20	cps
Holmium	165-2	1522914	1514133	1513549	1516865	0.35	cps
Indium	115-1	6264782	6264211	6224584	6251193	0.37	cps
Indium	115-2	235342	232713	233873	233976	0.56	cps
Iron	56-2	541605	535325	537982	538304	0.59	cps
Iron	57-2	13340	14041	13551	13644	2.63	cps
Lead	206-1	2350	2206	2306	2287	3.24	cps
Lead	207-1	1911	1845	1945	1900	2.68	cps
Lead	208-1	8646	8601	8685	8644	0.48	cps
Lithium	6-1	861140	866598	869431	865723	0.49	cps
Magnesium	24-2	67913	66431	66699	67014	1.18	cps
Manganese	55-2	3500	3644	3474	3539	2.58	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1142	1350	1208	10.16	cps
Molybdenum	95-1	833	967	783	861	11.01	cps
Molybdenum	96-1	1225	1175	1200	1200	2.08	cps
Molybdenum	97-1	575	675	642	631	8.08	cps
Molybdenum	98-1	1659	1233	1350	1414	15.53	cps
Neodymium	150-1	53	47	60	53	12.50	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	290	340	247	292	15.98	cps
Phosphorus	31-2	217	192	258	222	15.16	cps
Potassium	39-2	11597	11655	11105	11452	2.64	cps
Rhodium	103-1	5777804	5755573	5734788	5756055	0.37	cps
Rhodium	103-2	1366582	1353706	1356586	1358958	0.50	cps
Scandium	45-1	3154754	3195626	3140891	3163757	0.90	cps
Scandium	45-2	21941	21346	21497	21595	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	23	-46	-36	-20	-189.89	cps
Silicon	28-1	4896862	4929631	4868385	4898292	0.63	cps
Silver	109-1	950	917	1208	1025	15.58	cps
Silver	107-1	933	1200	1033	1056	12.76	cps
Sodium	23-2	1272305	1267785	1266222	1268771	0.25	cps
Strontium	86-1	75668	75525	75835	75676	0.20	cps
Strontium	88-1	667600	663109	660232	663647	0.56	cps
Sulfur	34-1	301580	306099	302815	303498	0.77	cps
Terbium	159-1	8511005	8527389	8328403	8455599	1.31	cps
Terbium	159-2	1486338	1468618	1464594	1473183	0.79	cps
Thallium	203-1	733	758	675	722	5.92	cps
Thallium	205-1	1950	1617	1684	1750	10.08	cps
Tin	118-1	1725	1717	1792	1745	2.36	cps
Titanium	47-1	1250	1075	992	1106	11.93	cps
Uranium	238-1	2017	2084	2175	2092	3.80	cps
Vanadium	51-2	313	317	253	294	12.11	cps
Yttrium	89-1	6247736	6261456	6220188	6243126	0.34	cps
Yttrium	89-2	169719	167931	168289	168647	0.56	cps
Zinc	66-2	3074	3030	3147	3084	1.91	cps
Zirconium	90-1	1842	1617	1750	1736	6.52	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-03	Instrumnet Name :	P8
Client Sample ID :	NWP06DC	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 20:59:58	DataFile Name :	069SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	308	400	356	12.91	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212101	209786	208173	210020	0.94	cps
Antimony	121-1	3861294	3862737	3866047	3863360	0.06	cps
Arsenic	75-2	37334	37638	36749	37240	1.21	cps
Barium	135-1	4135663	4109081	4114005	4119583	0.34	cps
Barium	137-1	7204492	7203041	7212619	7206717	0.07	cps
Beryllium	9-1	404988	407408	407626	406674	0.36	cps
Bismuth	209-1	4934530	4915193	5021788	4957171	1.15	cps
Bismuth	209-2	1171140	1175969	1109281	1152130	3.23	cps
Boron	10-1	46342	48675	48349	47789	2.64	cps
Boron	11-1	222187	226017	230346	226183	1.80	cps
Cadmium	111-1	775833	779632	785082	780182	0.60	cps
Cadmium	106-1	80942	81438	79795	80725	1.04	cps
Cadmium	108-1	55681	53857	54359	54633	1.72	cps
Calcium	43-1	3708455	3726348	3730060	3721621	0.31	cps
Calcium	44-1	60937541	61182433	61295437	61138470	0.30	cps
Chromium	52-2	298821	296711	297612	297715	0.36	cps
Cobalt	59-2	634321	636047	631499	633956	0.36	cps
Copper	63-2	1103933	1102722	1093072	1099909	0.54	cps
Dysprosium	156-1	117	92	117	108	13.32	cps
Dysprosium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	133	67	133	111	34.64	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	7567523	7616802	7614107	7599477	0.36	cps
Holmium	165-2	1499773	1492722	1407475	1466657	3.50	cps
Indium	115-1	5608888	5623253	5616414	5616185	0.13	cps
Indium	115-2	224514	223316	211432	219754	3.29	cps
Iron	56-2	48475555	48728875	48495925	48566785	0.29	cps
Iron	57-2	1225641	1232146	1219768	1225852	0.51	cps
Lead	206-1	2633245	2614566	2634670	2627493	0.43	cps
Lead	207-1	2370138	2369443	2392348	2377310	0.55	cps
Lead	208-1	10696217	10688304	10760943	10715155	0.37	cps
Lithium	6-1	787980	789974	792544	790166	0.29	cps
Magnesium	24-2	5228808	5147213	5196268	5190763	0.79	cps
Manganese	55-2	165517	165722	166148	165796	0.19	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2961600	2968766	2978309	2969558	0.28	cps
Molybdenum	95-1	1615307	1589628	1615175	1606703	0.92	cps
Molybdenum	96-1	2109701	2099678	2089547	2099642	0.48	cps
Molybdenum	97-1	970293	981295	975959	975849	0.56	cps
Molybdenum	98-1	2610019	2588291	2584540	2594283	0.53	cps
Neodymium	150-1	247	200	253	233	12.45	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	187125	187146	187116	187129	0.01	cps
Phosphorus	31-2	2950	2900	2909	2920	0.92	cps
Potassium	39-2	1408981	1424476	1411873	1415110	0.58	cps
Rhodium	103-1	5111758	5127449	5194383	5144530	0.85	cps
Rhodium	103-2	1261719	1263796	1199903	1241806	2.92	cps
Scandium	45-1	3017541	3077233	3048908	3047894	0.98	cps
Scandium	45-2	22295	23116	21954	22455	2.66	cps
Selenium	77-2	240	263	253	252	4.64	cps
Selenium	78-2	820	893	813	842	5.22	cps
Selenium	82-1	47799	48059	47500	47786	0.58	cps
Silicon	28-1	1723654	1740283	1767369	1743769	1.27	cps
Silver	109-1	3705635	3670688	3692263	3689529	0.48	cps
Silver	107-1	3888936	3859640	3885404	3877993	0.41	cps
Sodium	23-2	11467931	11401972	11394546	11421483	0.35	cps
Strontium	86-1	1011077	998385	1010129	1006530	0.70	cps
Strontium	88-1	8862144	8765690	8835106	8820980	0.56	cps
Sulfur	34-1	494599	501666	506096	500787	1.16	cps
Terbium	159-1	7809663	7838273	7831426	7826454	0.19	cps
Terbium	159-2	1446911	1440480	1363064	1416819	3.29	cps
Thallium	203-1	3233152	3226024	3213990	3224389	0.30	cps
Thallium	205-1	7576703	7591300	7586107	7584703	0.10	cps
Tin	118-1	2661752	2625516	2638766	2642011	0.69	cps
Titanium	47-1	372842	376972	380247	376687	0.99	cps
Uranium	238-1	10905841	10943555	10886078	10911825	0.27	cps
Vanadium	51-2	220437	220455	219464	220119	0.26	cps
Yttrium	89-1	5913447	5944252	5959884	5939194	0.40	cps
Yttrium	89-2	169220	168106	161471	166265	2.52	cps
Zinc	66-2	99423	99896	98376	99232	0.78	cps
Zirconium	90-1	5594054	5630048	5645360	5623154	0.47	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:03:09	DataFile Name :	070CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1234139	1227349	1243581	1235023	0.66	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 21:06:13 DataFile Name : 071CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	3159	3209	3267	3212	1.69	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	50	67	25	47	44.41	cps
Barium	137-1	117	117	50	94	40.76	cps
Beryllium	9-1	211	161	161	178	16.24	cps
Bismuth	209-1	5187949	5214027	5215547	5205841	0.30	cps
Bismuth	209-2	1237395	1242900	1243918	1241404	0.28	cps
Boron	10-1	1508	1442	1600	1517	5.24	cps
Boron	11-1	8336	7677	7127	7714	7.85	cps
Cadmium	111-1	863	841	855	853	1.31	cps
Cadmium	106-1	1067	1033	1067	1056	1.82	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	967	842	983	931	8.32	cps
Calcium	44-1	10596	11472	11138	11069	3.99	cps
Chromium	52-2	600	560	643	601	6.93	cps
Cobalt	59-2	33	43	33	37	15.75	cps
Copper	63-2	217	210	167	198	13.73	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	17	92	53	71.20	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	7624079	7511851	7610987	7582306	0.81	cps
Holmium	165-2	1491916	1488619	1488385	1489640	0.13	cps
Indium	115-1	5919246	5904772	5932368	5918795	0.23	cps
Indium	115-2	236517	233882	235738	235379	0.58	cps
Iron	56-2	1828	1795	1695	1772	3.92	cps
Iron	57-2	61	33	22	39	51.51	cps
Lead	206-1	1000	1011	978	996	1.70	cps
Lead	207-1	856	911	822	863	5.20	cps
Lead	208-1	3956	3967	3728	3884	3.47	cps
Lithium	6-1	822470	831061	823569	825700	0.57	cps
Magnesium	24-2	108	117	83	103	16.88	cps
Manganese	55-2	23	17	23	21	18.21	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:06:13	DataFile Name :	071CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	417	392	375	13.88	cps
Molybdenum	95-1	167	200	217	194	13.10	cps
Molybdenum	96-1	358	358	400	372	6.46	cps
Molybdenum	97-1	133	150	192	158	18.98	cps
Molybdenum	98-1	392	383	383	386	1.25	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	60	43	47	25.75	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2050	1942	1892	1961	4.13	cps
Rhodium	103-1	5513670	5540618	5550911	5535067	0.35	cps
Rhodium	103-2	1351481	1356344	1345866	1351230	0.39	cps
Scandium	45-1	3099823	3083729	3084985	3089512	0.29	cps
Scandium	45-2	22876	23153	22542	22857	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	81	25	-59	16	448.13	cps
Silicon	28-1	350658	345051	341212	345640	1.37	cps
Silver	109-1	450	417	1715	861	86.02	cps
Silver	107-1	550	450	508	503	9.99	cps
Sodium	23-2	6427	6318	5985	6243	3.69	cps
Strontium	86-1	450	475	508	478	6.12	cps
Strontium	88-1	175	283	225	228	23.80	cps
Sulfur	34-1	302269	302915	302329	302504	0.12	cps
Terbium	159-1	7878072	7855640	7863254	7865656	0.15	cps
Terbium	159-2	1450906	1448359	1457990	1452418	0.34	cps
Thallium	203-1	1125	908	917	983	12.48	cps
Thallium	205-1	2575	2242	2267	2361	7.86	cps
Tin	118-1	800	967	808	858	10.94	cps
Titanium	47-1	67	125	108	100	30.05	cps
Uranium	238-1	167	217	175	186	14.39	cps
Vanadium	51-2	23	3	3	10	115.51	cps
Yttrium	89-1	6055721	5982312	6023697	6020577	0.61	cps
Yttrium	89-2	172230	172281	172872	172461	0.21	cps
Zinc	66-2	53	47	50	50	6.66	cps
Zirconium	90-1	767	675	558	667	15.66	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:06:13	DataFile Name :	071CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	200	225	211	6.03	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	67	53	24.12	cps
Antimony	121-1	3292	3434	3075	3267	5.53	cps
Arsenic	75-2	9	7	4	7	41.70	cps
Barium	135-1	542	500	658	567	14.48	cps
Barium	137-1	1042	992	942	992	5.04	cps
Beryllium	9-1	106	83	100	96	12.01	cps
Bismuth	209-1	5511069	5502314	5526659	5513347	0.22	cps
Bismuth	209-2	1289994	1279143	1271826	1280321	0.71	cps
Boron	10-1	942	950	967	953	1.34	cps
Boron	11-1	4342	4518	4267	4376	2.93	cps
Cadmium	111-1	814	867	728	803	8.72	cps
Cadmium	106-1	1008	1042	975	1008	3.31	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	3376	3159	3609	3381	6.66	cps
Calcium	44-1	53821	50910	53452	52728	3.01	cps
Chromium	52-2	487	460	540	496	8.22	cps
Cobalt	59-2	23	47	50	40	36.33	cps
Copper	63-2	5678	5414	5414	5502	2.76	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	8063835	8092571	8050482	8068963	0.27	cps
Holmium	165-2	1545810	1532485	1537451	1538582	0.44	cps
Indium	115-1	6255182	6217690	6191767	6221546	0.51	cps
Indium	115-2	239254	237220	238893	238456	0.46	cps
Iron	56-2	103247	101835	101853	102312	0.79	cps
Iron	57-2	2684	2561	2506	2584	3.52	cps
Lead	206-1	1556	1483	1561	1533	2.83	cps
Lead	207-1	1356	1178	1289	1274	7.05	cps
Lead	208-1	5812	5534	5867	5738	3.11	cps
Lithium	6-1	857066	855078	850523	854223	0.39	cps
Magnesium	24-2	375	392	458	408	10.80	cps
Manganese	55-2	130	143	93	122	21.18	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	708	667	703	4.79	cps
Molybdenum	95-1	508	517	392	472	14.80	cps
Molybdenum	96-1	708	608	792	703	13.06	cps
Molybdenum	97-1	383	425	367	392	7.67	cps
Molybdenum	98-1	917	917	858	897	3.75	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	117	133	97	116	15.89	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2700	3084	2675	2820	8.12	cps
Rhodium	103-1	5772920	5808934	5726109	5769321	0.72	cps
Rhodium	103-2	1404319	1403446	1387989	1398585	0.66	cps
Scandium	45-1	3252797	3204643	3188840	3215427	1.04	cps
Scandium	45-2	22662	22628	22735	22675	0.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-21	6	29	4	563.79	cps
Silicon	28-1	411780	407961	407735	409159	0.56	cps
Silver	109-1	1133	1325	1300	1253	8.32	cps
Silver	107-1	1417	1508	1383	1436	4.51	cps
Sodium	23-2	14033	13382	13640	13685	2.39	cps
Strontium	86-1	650	900	758	770	16.29	cps
Strontium	88-1	3651	3542	3317	3503	4.85	cps
Sulfur	34-1	293113	290369	290010	291164	0.58	cps
Terbium	159-1	8451354	8360102	8340262	8383906	0.71	cps
Terbium	159-2	1501983	1488388	1486179	1492183	0.57	cps
Thallium	203-1	1767	1434	1342	1514	14.77	cps
Thallium	205-1	4259	3259	2917	3478	20.05	cps
Tin	118-1	48331	47711	47460	47834	0.94	cps
Titanium	47-1	467	308	317	364	24.49	cps
Uranium	238-1	125	133	92	117	18.90	cps
Vanadium	51-2	53	33	53	47	24.75	cps
Yttrium	89-1	6302051	6336229	6291841	6310041	0.37	cps
Yttrium	89-2	174715	173132	172115	173320	0.76	cps
Zinc	66-2	2974	2864	2904	2914	1.91	cps
Zirconium	90-1	975	1092	1000	1022	6.01	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	I6259-04	Instrumnet Name :	P8
Client Sample ID :	NWP07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:09:24	DataFile Name :	072SMPL_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	275	175	250	26.46	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208052	211124	211064	210080	0.84	cps
Antimony	121-1	3877992	3879128	3852479	3869866	0.39	cps
Arsenic	75-2	37831	37222	37267	37440	0.91	cps
Barium	135-1	4182716	4083114	4113209	4126346	1.24	cps
Barium	137-1	7139964	7086998	7099509	7108824	0.39	cps
Beryllium	9-1	409809	408666	412551	410342	0.49	cps
Bismuth	209-1	4590036	4925893	4982089	4832673	4.39	cps
Bismuth	209-2	1192245	1177732	1181417	1183798	0.64	cps
Boron	10-1	47404	47739	48634	47926	1.33	cps
Boron	11-1	222933	225401	233734	227356	2.49	cps
Cadmium	111-1	778481	772140	772178	774266	0.47	cps
Cadmium	106-1	80590	79191	79417	79733	0.94	cps
Cadmium	108-1	54895	55041	54790	54909	0.23	cps
Calcium	43-1	3653377	3666234	3677285	3665632	0.33	cps
Calcium	44-1	60075439	60093035	59855256	60007910	0.22	cps
Chromium	52-2	295487	293185	297356	295343	0.71	cps
Cobalt	59-2	634728	630876	634950	633518	0.36	cps
Copper	63-2	1139994	1137623	1138390	1138669	0.11	cps
Dysprosium	156-1	100	83	33	72	48.04	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	83	125	117	108	20.35	cps
Gadolinium	160-2	10	7	33	17	87.16	cps
Holmium	165-1	7027201	7513040	7678485	7406242	4.57	cps
Holmium	165-2	1499418	1497192	1494985	1497198	0.15	cps
Indium	115-1	5258013	5608398	5755906	5540772	4.62	cps
Indium	115-2	225686	224754	226565	225668	0.40	cps
Iron	56-2	49391597	48891430	48701864	48994964	0.73	cps
Iron	57-2	1222363	1222611	1231539	1225504	0.43	cps
Lead	206-1	2606566	2586853	2594980	2596133	0.38	cps
Lead	207-1	2345820	2352590	2339330	2345913	0.28	cps
Lead	208-1	10642874	10535468	10587226	10588523	0.51	cps
Lithium	6-1	741247	792779	811088	781705	4.63	cps
Magnesium	24-2	5039024	5017965	5028518	5028502	0.21	cps
Manganese	55-2	165140	164651	167076	165622	0.77	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2968013	2929727	2946514	2948085	0.65	cps
Molybdenum	95-1	1595981	1596659	1580671	1591104	0.57	cps
Molybdenum	96-1	2085238	2096710	2085717	2089222	0.31	cps
Molybdenum	97-1	971478	972298	970726	971501	0.08	cps
Molybdenum	98-1	2552102	2589360	2580570	2574011	0.76	cps
Neodymium	150-1	153	240	220	204	22.20	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	187540	184906	185659	186035	0.73	cps
Phosphorus	31-2	3167	2809	2809	2928	7.07	cps
Potassium	39-2	1420078	1421760	1439760	1427199	0.76	cps
Rhodium	103-1	4738313	5150109	5218617	5035680	5.16	cps
Rhodium	103-2	1277166	1279495	1276792	1277818	0.11	cps
Scandium	45-1	2855379	3025609	3105250	2995413	4.26	cps
Scandium	45-2	23012	23009	23063	23028	0.13	cps
Selenium	77-2	247	237	253	246	3.42	cps
Selenium	78-2	856	832	861	849	1.85	cps
Selenium	82-1	47495	47296	47312	47368	0.23	cps
Silicon	28-1	1586795	1595914	1605995	1596234	0.60	cps
Silver	109-1	3695456	3655425	3691426	3680769	0.60	cps
Silver	107-1	3869900	3840928	3853930	3854919	0.38	cps
Sodium	23-2	11407821	11507135	11460019	11458325	0.43	cps
Strontium	86-1	1001389	994725	1001016	999043	0.37	cps
Strontium	88-1	8711573	8732325	8797587	8747162	0.51	cps
Sulfur	34-1	509616	501508	503066	504730	0.85	cps
Terbium	159-1	7222697	7813000	7968946	7668214	5.13	cps
Terbium	159-2	1464526	1461845	1457841	1461404	0.23	cps
Thallium	203-1	3218792	3186925	3159258	3188325	0.93	cps
Thallium	205-1	7518096	7439814	7436679	7464863	0.62	cps
Tin	118-1	2694282	2658110	2649924	2667439	0.88	cps
Titanium	47-1	379243	374899	376240	376794	0.59	cps
Uranium	238-1	10764446	10680065	10726325	10723612	0.39	cps
Vanadium	51-2	218537	221052	220893	220161	0.64	cps
Yttrium	89-1	5511436	5917133	6027276	5818615	4.67	cps
Yttrium	89-2	172119	171332	170628	171360	0.44	cps
Zinc	66-2	103798	105067	103563	104143	0.78	cps
Zirconium	90-1	5605882	5697898	5579791	5627857	1.10	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:12:35	DataFile Name :	073CCV_P8103117-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1228435	1231332	1229688	1229818	0.12	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:15:39	DataFile Name :	074CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	2459	2442	2534	2478	1.97	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	25	42	83	50	60.09	cps
Barium	137-1	100	167	42	103	60.86	cps
Beryllium	9-1	200	133	244	193	29.04	cps
Bismuth	209-1	5216784	5221474	5297726	5245328	0.87	cps
Bismuth	209-2	1251568	1248785	308425	936259	58.07	cps
Boron	10-1	1734	1500	1642	1625	7.23	cps
Boron	11-1	7794	7277	7069	7380	5.06	cps
Cadmium	111-1	916	822	767	835	9.03	cps
Cadmium	106-1	1150	1017	1017	1061	7.25	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	850	950	942	914	6.07	cps
Calcium	44-1	10496	10980	10730	10735	2.25	cps
Chromium	52-2	617	590	573	593	3.68	cps
Cobalt	59-2	27	30	17	24	28.38	cps
Copper	63-2	237	163	143	181	27.13	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	7684813	7693442	7672114	7683456	0.14	cps
Holmium	165-2	1498352	1502465	367529	1122782	58.25	cps
Indium	115-1	5921015	5969496	5991390	5960634	0.60	cps
Indium	115-2	238597	237496	60697	178930	57.23	cps
Iron	56-2	1911	1867	1500	1759	12.83	cps
Iron	57-2	39	61	28	43	39.84	cps
Lead	206-1	1072	1017	945	1011	6.34	cps
Lead	207-1	956	872	800	876	8.89	cps
Lead	208-1	4134	3900	3984	4006	2.95	cps
Lithium	6-1	841297	846030	840419	842582	0.36	cps
Magnesium	24-2	100	200	108	136	40.76	cps
Manganese	55-2	10	33	20	21	55.45	cps

LB Number : LB91248 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-31 21:15:39 DataFile Name : 074CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	367	300	336	10.02	cps
Molybdenum	95-1	183	200	142	175	17.17	cps
Molybdenum	96-1	292	250	358	300	18.22	cps
Molybdenum	97-1	183	108	158	150	25.46	cps
Molybdenum	98-1	375	258	400	344	21.95	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	57	23	42	40.52	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2142	2000	1934	2025	5.25	cps
Rhodium	103-1	5562472	5634344	5655045	5617287	0.86	cps
Rhodium	103-2	1372404	1361566	340986	1024985	57.79	cps
Scandium	45-1	3107857	3126327	3180378	3138187	1.20	cps
Scandium	45-2	23764	23516	6304	17861	56.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-29	-79	-11	-40	-88.94	cps
Silicon	28-1	297612	324567	301723	307967	4.72	cps
Silver	109-1	400	392	508	433	15.02	cps
Silver	107-1	500	542	400	481	15.15	cps
Sodium	23-2	6393	6343	6102	6279	2.49	cps
Strontium	86-1	350	450	367	389	13.78	cps
Strontium	88-1	250	217	142	203	27.36	cps
Sulfur	34-1	305405	305340	304312	305019	0.20	cps
Terbium	159-1	7992124	7991400	7993161	7992228	0.01	cps
Terbium	159-2	1464146	1461482	358335	1094654	58.25	cps
Thallium	203-1	1058	833	817	903	14.95	cps
Thallium	205-1	2292	2042	1792	2042	12.25	cps
Tin	118-1	750	708	633	697	8.48	cps
Titanium	47-1	50	75	142	89	53.31	cps
Uranium	238-1	175	258	225	219	19.11	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	6025043	6125911	6081318	6077424	0.83	cps
Yttrium	89-2	173545	173658	43144	130116	57.89	cps
Zinc	66-2	40	47	27	38	26.95	cps
Zirconium	90-1	608	750	708	689	10.57	cps

LB Number :	LB91248	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-10-31 21:15:39	DataFile Name :	074CCBE_P8103117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	150	125	17.64	cps