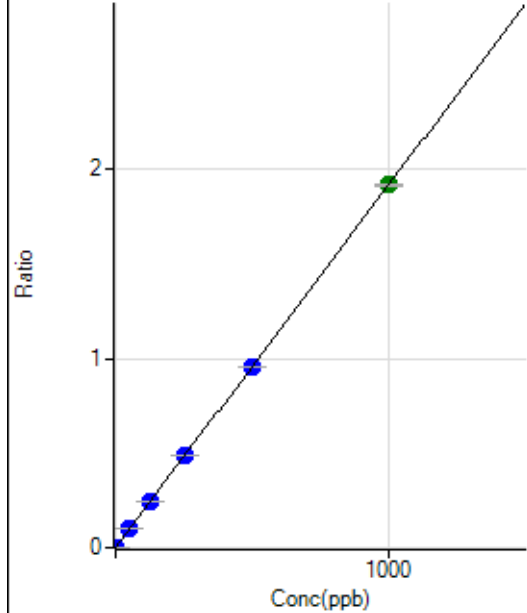


Batch Folder: D:\P8072517-MS .b\
Analysis File: P8072517-MS .batch.bin
DA Date-Time: 2017-07-26 11:04:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8072517-MS.D	S00	2017-07-25 12:11:08
2			
3	005CALS P8072517-MS.D	S02	2017-07-25 12:18:16
4	006CALS P8072517-MS.D	S03	2017-07-25 12:21:46
5	007CALS P8072517-MS.D	S04	2017-07-25 12:25:18
6	008CALS P8072517-MS.D	S05	2017-07-25 12:28:41
7	009CALS P8072517-MS.D	S06	2017-07-25 12:31:59
8	010CALS P8072517-MS.D	S07	2017-07-25 12:35:13
9	011CALS P8072517-MS.D	S08	2017-07-25 12:38:20

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.48	0.0000	P	44.5
2	☐	0.100					
3	☐	1.000	0.978	1303.81	0.0019	P	4.9
4	☐	50.000	50.856	67534.51	0.0975	P	1.1
5	☐	125.000	126.034	167434.43	0.2416	P	0.8
6	☐	250.000	252.694	334908.91	0.4843	P	0.3
7	☐	500.000	496.913	655069.46	0.9523	P	0.2
8	☐	1000.000	1000.698	1309477.05	1.9177	A	0.6
9	☐			511.13	0.0008	P	15.6

$$y = 0.0019 * x + 4.6277E-005$$

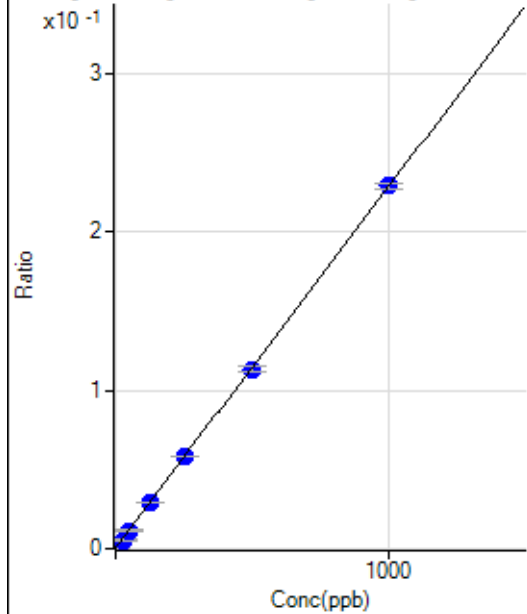
$$R = 1.0000$$

$$DL = 0.03221$$

$$BEC = 0.02415$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.80	0.0005	P	8.4
2	☐	2.500					
3	☐	25.000	21.485	3670.08	0.0054	P	11.4
4	☐	50.000	48.210	7974.72	0.0115	P	2.9
5	☐	125.000	125.215	20156.40	0.0291	P	1.3
6	☐	250.000	252.781	40232.34	0.0582	P	0.7
7	☐	500.000	494.627	77967.67	0.1133	P	2.5
8	☐	1000.000	1002.142	156443.52	0.2291	P	1.4
9	☐			5367.89	0.0082	P	7.9

$$y = 2.2809E-004 * x + 5.1721E-004$$

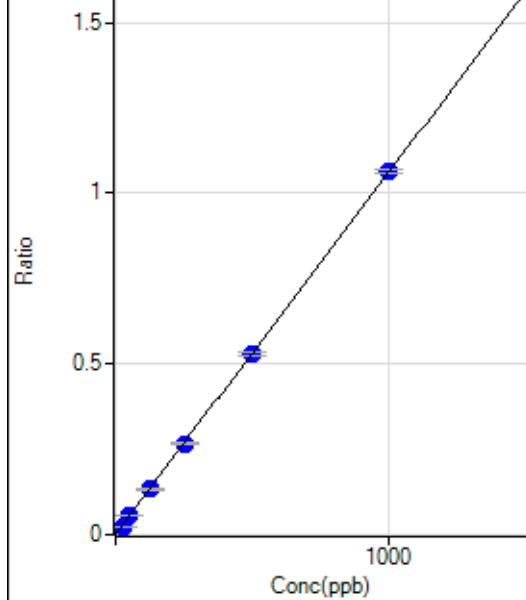
$$R = 1.0000$$

$$DL = 0.5689$$

$$BEC = 2.268$$

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	1558.50	0.0023	P	5.3
2	☐	2.500					
3	☐	25.000	21.112	16704.76	0.0246	P	3.7
4	☐	50.000	48.873	37405.25	0.0540	P	1.4
5	☐	125.000	123.352	92055.65	0.1328	P	1.3
6	☐	250.000	249.689	184293.72	0.2665	P	0.9
7	☐	500.000	497.084	363397.27	0.5283	P	1.5
8	☐	1000.000	1001.895	725464.64	1.0624	P	0.9
9	☐			24992.10	0.0382	P	8.1

$$y = 0.0011 * x + 0.0023$$

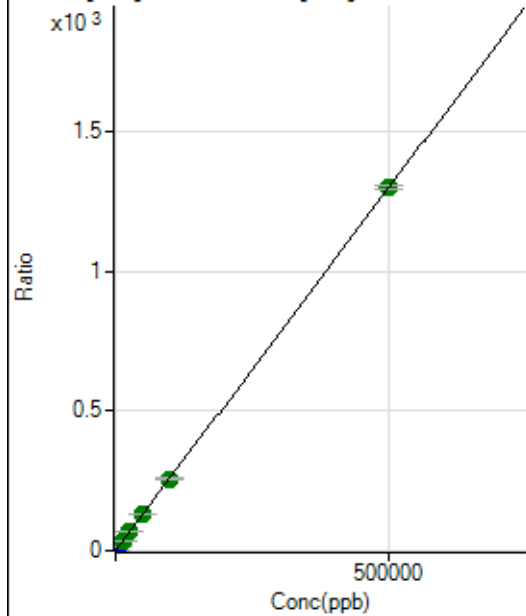
$$R = 1.0000$$

$$DL = 0.3405$$

$$BEC = 2.162$$

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	2864.29	0.0749	P	4.7
2	☐	50.000					
3	☐	500.000	474.754	48923.78	1.3098	P	2.9
4	☐	5000.000	5103.235	503686.03	13.3492	P	1.6
5	☐	12500.000	12935.686	1260497.90	33.7225	A	1.2
6	☐	25000.000	25391.915	2462622.02	66.1231	A	1.6
7	☐	50000.000	49857.366	4659721.85	129.7614	A	1.0
8	☐	100000.00	99069.306	8944824.42	257.7690	A	3.2
9	☐	500000.00	500168.90	46045480.89	1,301.089	A	1.1

$$y = 0.0026 * x + 0.0749$$

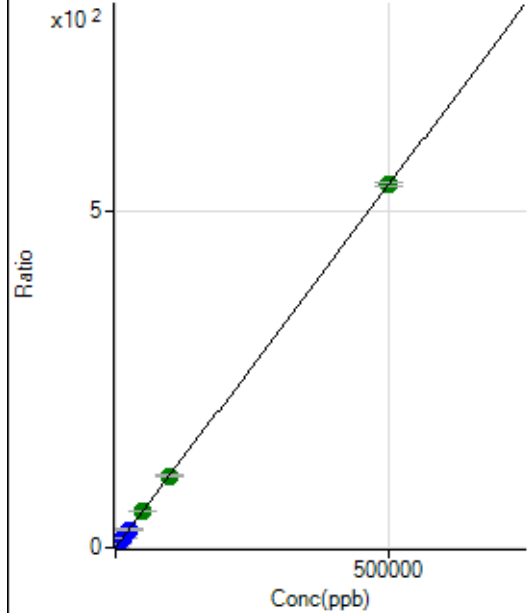
$$R = 1.0000$$

$$DL = 4.048$$

$$BEC = 28.79$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0016	P	27.2
2	☐	50.000					
3	☐	500.000	451.304	18220.68	0.4874	P	4.3
4	☐	5000.000	5086.559	206665.68	5.4773	P	2.0
5	☐	12500.000	12675.975	510141.21	13.6474	P	0.4
6	☐	25000.000	25044.277	1004176.44	26.9620	P	1.4
7	☐	50000.000	50071.027	1935745.44	53.9035	A	0.4
8	☐	100000.00	98734.656	3687820.96	106.2904	A	3.9
9	☐	500000.00	500238.53	19058308.06	538.5129	A	0.9

$$y = 0.0011 * x + 0.0016$$

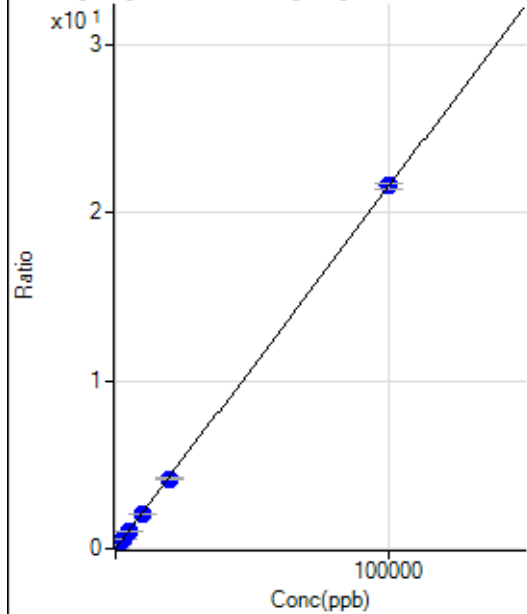
$$R = 1.0000$$

$$DL = 1.21$$

$$BEC = 1.481$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0007	P	1.4
2	☐	2.000					
3	☐	20.000	19.427	180.57	0.0048	P	16.7
4	☐	1000.000	999.099	8155.46	0.2161	P	2.5
5	☐	2500.000	2477.292	19998.20	0.5349	P	1.9
6	☐	5000.000	4873.605	39166.09	1.0517	P	2.2
7	☐	10000.000	9730.951	75383.15	2.0993	P	1.8
8	☐	20000.000	19228.517	143922.44	4.1476	P	3.3
9	☐	100000.00	100188.09	764697.70	21.6080	P	1.4

$$y = 2.1567E-004 * x + 6.5391E-004$$

$$R = 1.0000$$

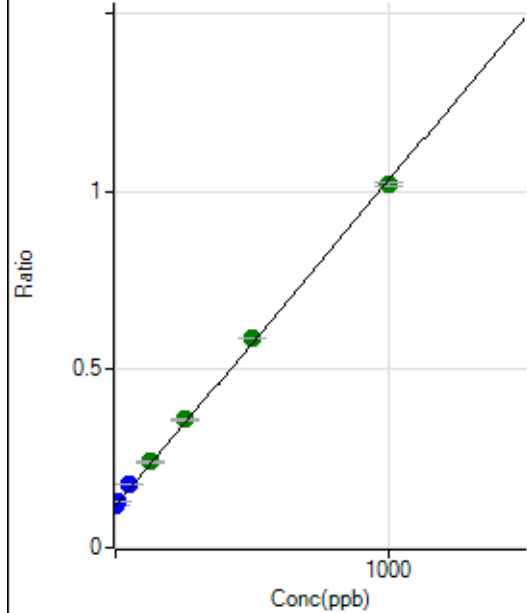
$$DL = 0.1296$$

$$BEC = 3.032$$

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	450430.43	0.1170	P	1.3
2	☐	1.000					
3	☐	10.000	14.983	495327.06	0.1307	P	2.1
4	☐	50.000	68.680	695172.31	0.1797	P	0.5
5	☐	125.000	134.702	928048.45	0.2400	A	2.0
6	☐	250.000	265.636	1388568.36	0.3596	A	1.0
7	☐	500.000	515.259	2250043.93	0.5875	A	0.7
8	☐	1000.000	986.265	3857327.77	1.0175	A	1.0
9	☐			519748.65	0.1371	P	0.4

$$y = 9.1303\text{E-}004 * x + 0.1170$$

$$R = 0.9997$$

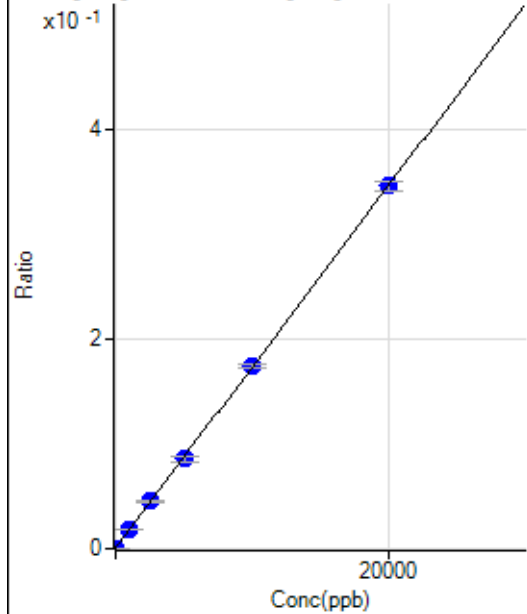
$$DL = 4.988$$

$$BEC = 128.2$$

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	3.848	19.44	0.0005	P	66.6
2	☐	0.000					
3	☐	0.000	-3.848	13.89	0.0004	P	126.
4	☐	1000.000	1050.532	702.83	0.0186	P	6.3
5	☐	2500.000	2580.774	1686.29	0.0451	P	4.6
6	☐	5000.000	4910.397	3183.83	0.0854	P	5.5
7	☐	10000.000	10043.739	6257.20	0.1742	P	2.3
8	☐	20000.000	19987.908	12019.54	0.3463	P	2.4
9	☐			19.44	0.0006	P	66.3

$$y = 1.7303\text{E-}005 * x + 4.4507\text{E-}004$$

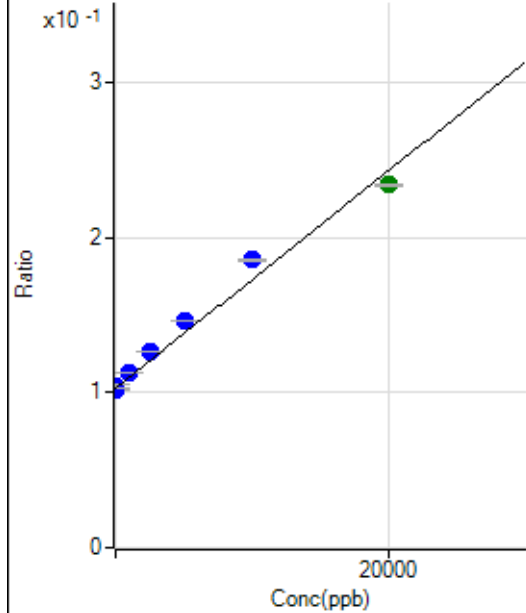
$$R = 1.0000$$

$$DL = 71.16$$

$$BEC = 25.72$$

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	-127.084	393030.30	0.1021	P	1.7
2	☐	0.000					
3	☐	0.000	127.084	393774.28	0.1039	P	1.9
4	☐	1000.000	1425.488	437158.52	0.1130	P	0.7
5	☐	2500.000	3353.263	489422.10	0.1266	P	0.7
6	☐	5000.000	6231.065	566872.98	0.1468	P	0.2
7	☐	10000.000	11770.729	711184.23	0.1857	P	0.6
8	☐	20000.000	18678.937	887912.40	0.2342	A	0.7
9	☐			372987.94	0.0984	P	1.4

$$y = 7.0233\text{E-}006 * x + 0.1030$$

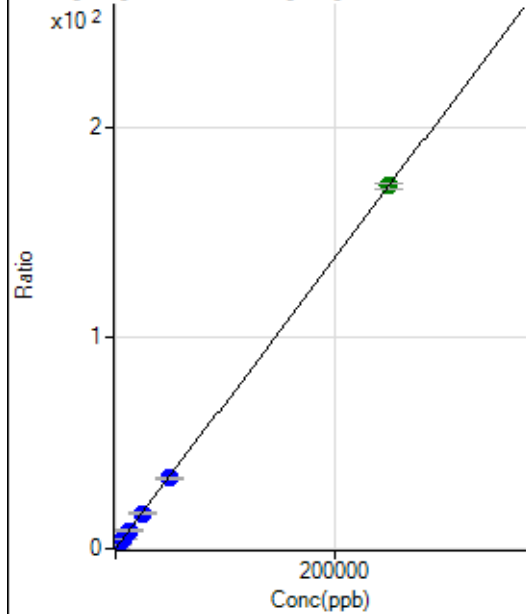
$$R = 0.9910$$

$$DL = 791.2$$

$$BEC = 1.467\text{E}+04$$

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	3578.41	0.0936	P	1.7
2	☐	50.000					
3	☐	500.000	449.533	15022.50	0.4022	P	3.5
4	☐	2500.000	2509.609	68531.26	1.8163	P	1.9
5	☐	6250.000	6311.381	165433.05	4.4260	P	1.6
6	☐	12500.000	12348.351	319127.50	8.5700	P	2.5
7	☐	25000.000	24295.698	602247.63	16.7711	P	1.2
8	☐	50000.000	48366.607	1155292.97	33.2944	P	3.4
9	☐	250000.00	250403.16	6086574.92	171.9807	A	1.3

$$y = 6.8644\text{E-}004 * x + 0.0936$$

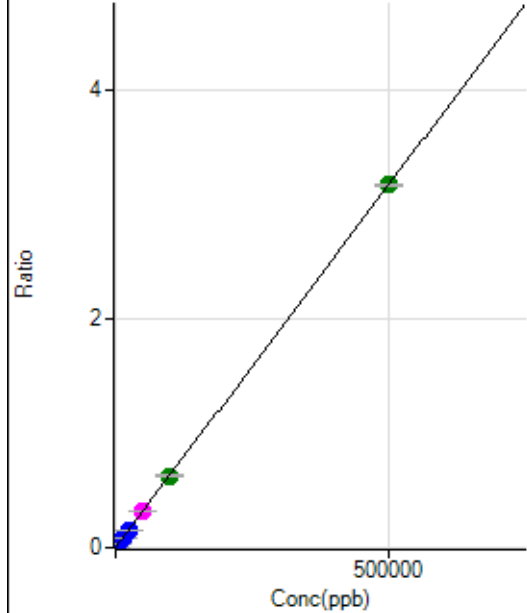
$$R = 1.0000$$

$$DL = 7.051$$

$$BEC = 136.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3292.19	0.0009	P	4.0
2	☐	50.000					
3	☐	500.000	454.985	14168.84	0.0037	P	1.9
4	☐	5000.000	4940.480	124394.67	0.0322	P	0.6
5	☐	12500.000	12359.868	306170.75	0.0792	P	1.0
6	☐	25000.000	24702.327	607854.78	0.1574	P	0.1
7	☐	50000.000	49268.082	1199065.87	0.3131	M	0.5
8	☐	100000.00	99206.718	2386429.22	0.6295	A	1.4
9	☐	500000.00	500250.87	12020862.85	3.1710	A	0.3

$$y = 6.3371\text{E-}006 * x + 8.5535\text{E-}004$$

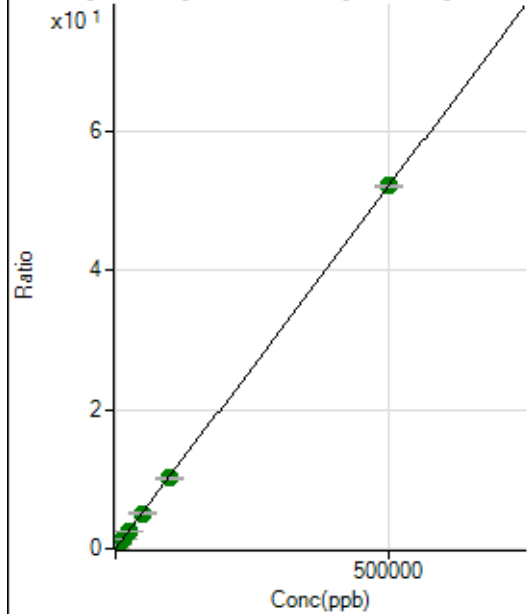
$$R = 1.0000$$

$$DL = 16.33$$

$$BEC = 135$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60202.25	0.0156	P	1.2
2	☐	50.000					
3	☐	500.000	449.289	236357.52	0.0624	P	2.1
4	☐	5000.000	5042.328	2088951.13	0.5401	A	0.4
5	☐	12500.000	12334.025	5021127.89	1.2985	A	1.2
6	☐	25000.000	24517.008	9908679.30	2.5657	A	0.6
7	☐	50000.000	48701.681	19460426.65	5.0812	A	1.1
8	☐	100000.00	97131.379	38358594.26	10.1185	A	0.8
9	☐	500000.00	500731.48	197493046.0	52.0977	A	0.6

$$y = 1.0401\text{E-}004 * x + 0.0156$$

$$R = 1.0000$$

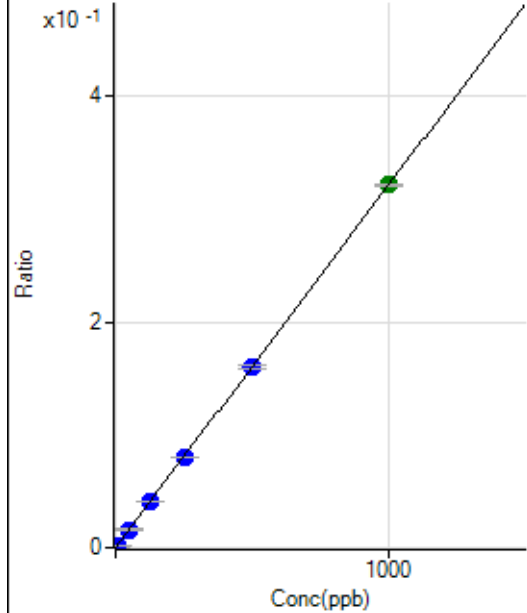
$$DL = 5.5$$

$$BEC = 150.4$$

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	166.68	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.742	5943.20	0.0016	P	2.2
4	☐	50.000	50.115	62481.81	0.0162	P	1.9
5	☐	125.000	125.975	156783.02	0.0405	P	1.0
6	☐	250.000	249.714	310231.80	0.0803	P	0.2
7	☐	500.000	498.386	613853.07	0.1603	P	1.2
8	☐	1000.000	1000.752	1219942.92	0.3218	A	0.7
9	☐			2180.83	0.0006	P	7.9

$$y = 3.2151\text{E-}004 * x + 4.3299\text{E-}005$$

$$R = 1.0000$$

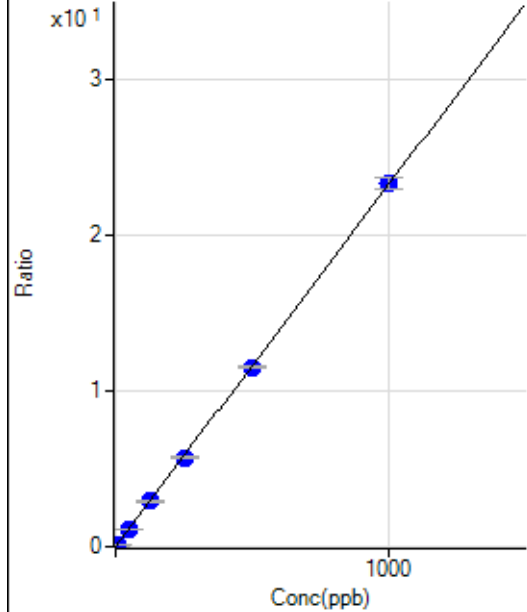
$$DL = 0.0529$$

$$BEC = 0.1347$$

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	16.67	0.0004	P	51.6
2	☐	0.500					
3	☐	5.000	4.337	3777.24	0.1011	P	3.1
4	☐	50.000	49.813	43643.52	1.1566	P	0.7
5	☐	125.000	125.118	108570.82	2.9045	P	0.7
6	☐	250.000	245.697	212394.50	5.7033	P	1.9
7	☐	500.000	496.510	413863.90	11.5248	P	0.9
8	☐	1000.000	1002.819	807690.41	23.2766	P	3.3
9	☐			696.70	0.0197	P	3.2

$$y = 0.0232 * x + 4.3423\text{E-}004$$

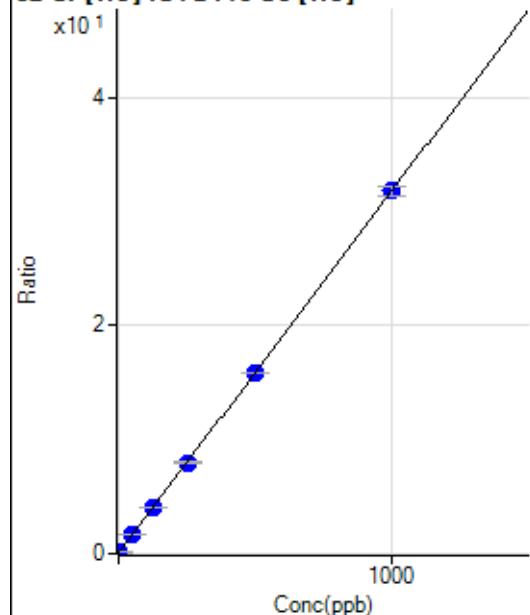
$$R = 1.0000$$

$$DL = 0.02896$$

$$BEC = 0.01871$$

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	1093.40	0.0286	P	2.8
2	☐	0.200					
3	☐	2.000	1.908	3329.34	0.0891	P	3.5
4	☐	50.000	50.029	60966.50	1.6158	P	1.6
5	☐	125.000	125.703	150140.47	4.0166	P	0.5
6	☐	250.000	249.114	295379.80	7.9319	P	2.2
7	☐	500.000	497.633	567970.77	15.8162	P	0.6
8	☐	1000.000	1001.316	1103450.31	31.7957	P	2.7
9	☐			35376.98	0.9995	P	0.6

$$y = 0.0317 * x + 0.0286$$

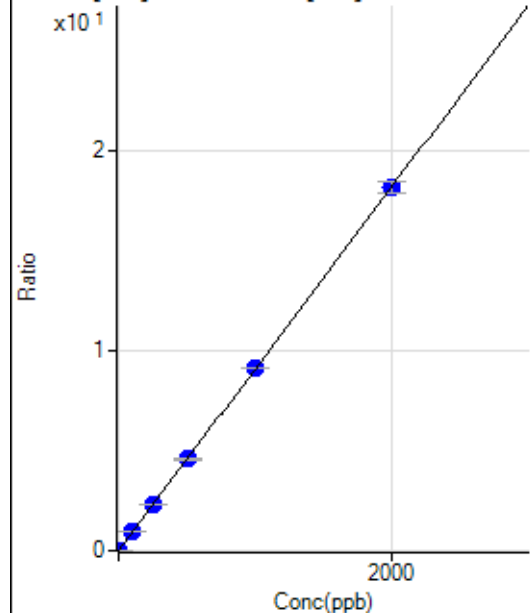
$$R = 1.0000$$

$$DL = 0.07684$$

$$BEC = 0.9015$$

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	68.89	0.0018	P	19.6
2	☐	0.100					
3	☐	1.000	0.995	404.46	0.0108	P	14.8
4	☐	100.000	101.964	35008.37	0.9279	P	2.9
5	☐	250.000	256.875	87276.08	2.3348	P	1.2
6	☐	500.000	505.916	171199.96	4.5967	P	1.5
7	☐	1000.000	1003.050	327212.34	9.1119	P	0.6
8	☐	2000.000	1996.039	629166.86	18.1306	P	3.0
9	☐			3588.30	0.1014	P	4.4

$$y = 0.0091 * x + 0.0018$$

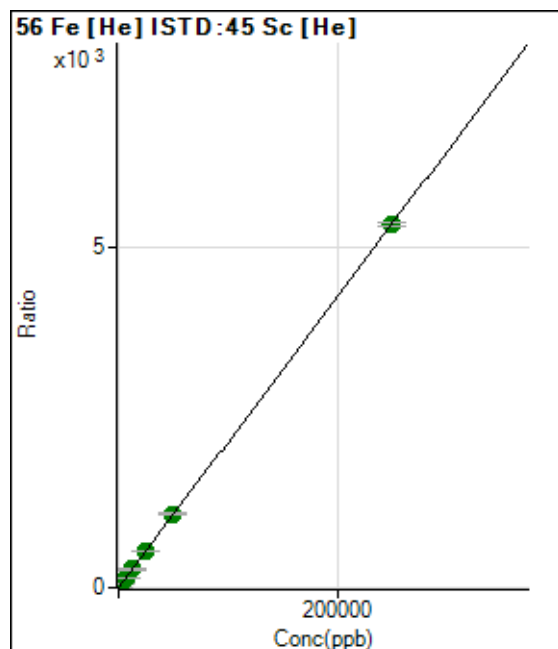
$$R = 1.0000$$

$$DL = 0.1165$$

$$BEC = 0.1984$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3250.49	0.0850	P	3.8
2	☐	5.000					
3	☐	50.000	46.316	40111.86	1.0737	P	2.9
4	☐	2500.000	2579.280	2080760.55	55.1447	A	1.1
5	☐	6250.000	6384.979	5098028.41	136.3845	A	0.7
6	☐	12500.000	12619.063	10035490.04	269.4629	A	1.7
7	☐	25000.000	25214.656	19331797.88	538.3397	A	1.0
8	☐	50000.000	50515.513	37423090.65	1,078.434	A	3.1
9	☐	250000.00	249865.31	188768202.3	5,333.934	A	0.9

$$y = 0.0213 * x + 0.0850$$

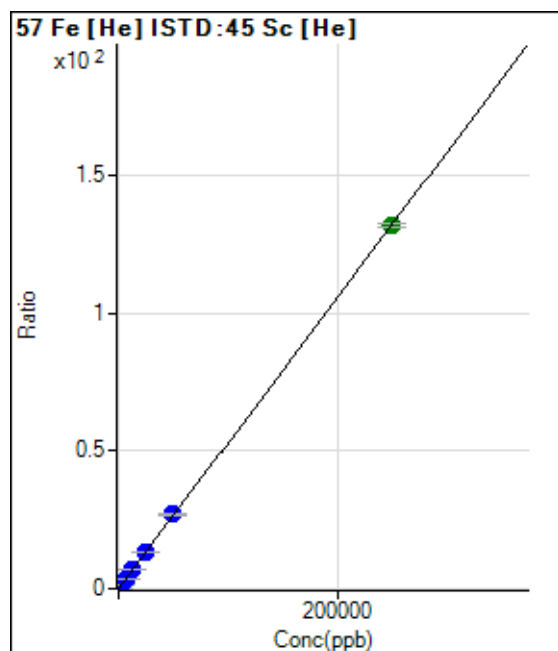
$$R = 1.0000$$

$$DL = 0.4536$$

$$BEC = 3.983$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.48	0.0021	P	9.9
2	☐	5.000					
3	☐	50.000	48.804	1038.96	0.0279	P	11.0
4	☐	2500.000	2554.777	50881.99	1.3485	P	2.1
5	☐	6250.000	6493.147	127989.18	3.4241	P	0.8
6	☐	12500.000	12876.075	252776.48	6.7879	P	2.3
7	☐	25000.000	25470.410	482095.91	13.4252	P	1.2
8	☐	50000.000	51117.208	934866.65	26.9413	P	3.3
9	☐	250000.00	249704.08	4657153.57	131.5980	A	1.2

$$y = 5.2701E-004 * x + 0.0021$$

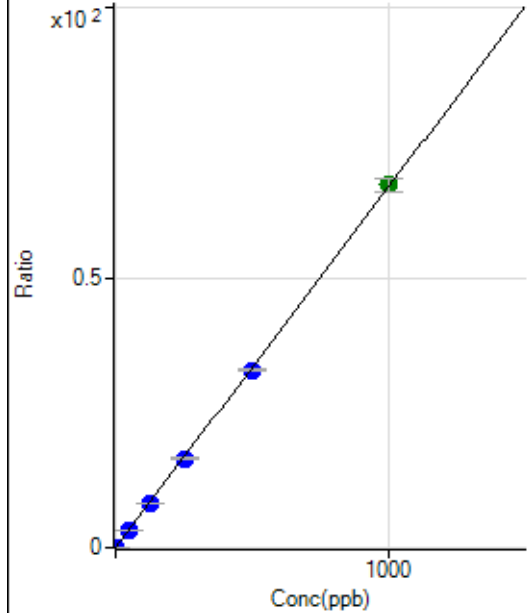
$$R = 1.0000$$

$$DL = 1.207$$

$$BEC = 4.043$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0015	P	35.5
2	☐	0.100					
3	☐	1.000	0.892	2284.68	0.0612	P	5.9
4	☐	50.000	49.715	125567.21	3.3278	P	1.3
5	☐	125.000	124.361	311083.84	8.3222	P	0.6
6	☐	250.000	246.691	614746.12	16.5070	P	1.9
7	☐	500.000	491.384	1180697.71	32.8787	P	0.7
8	☐	1000.000	1005.230	2333489.31	67.2588	A	4.1
9	☐			4107.33	0.1161	P	2.2

$$y = 0.0669 * x + 0.0015$$

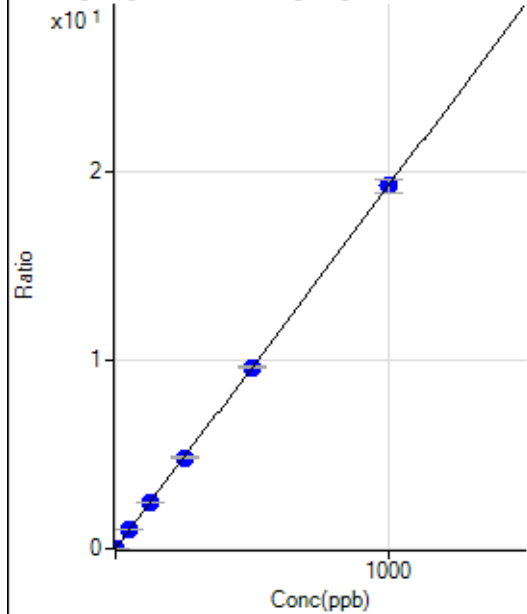
$$R = 0.9999$$

$$DL = 0.02457$$

$$BEC = 0.0231$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0017	P	9.9
2	☐	0.100					
3	☐	1.000	0.923	726.70	0.0195	P	8.2
4	☐	50.000	50.980	37020.37	0.9812	P	2.5
5	☐	125.000	126.170	90672.85	2.4258	P	1.6
6	☐	250.000	250.750	179458.58	4.8192	P	2.6
7	☐	500.000	499.856	344925.40	9.6052	P	1.0
8	☐	1000.000	999.689	666452.52	19.2081	P	3.8
9	☐			11668.37	0.3297	P	0.7

$$y = 0.0192 * x + 0.0017$$

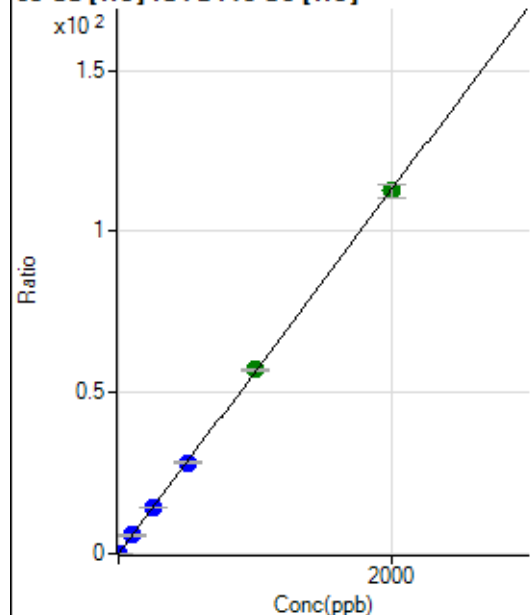
$$R = 1.0000$$

$$DL = 0.02691$$

$$BEC = 0.09083$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.01	0.0073	P	13.5
2	☐	0.200					
3	☐	2.000	2.082	4666.42	0.1248	P	3.4
4	☐	100.000	100.878	215176.42	5.7029	P	1.7
5	☐	250.000	254.111	536549.32	14.3543	P	1.0
6	☐	500.000	501.098	1053861.80	28.2992	P	2.1
7	☐	1000.000	1011.255	2050572.23	57.1025	A	0.9
8	☐	2000.000	1993.540	3905584.18	112.5621	A	3.7
9	☐			8939.67	0.2526	P	0.9

$$y = 0.0565 * x + 0.0073$$

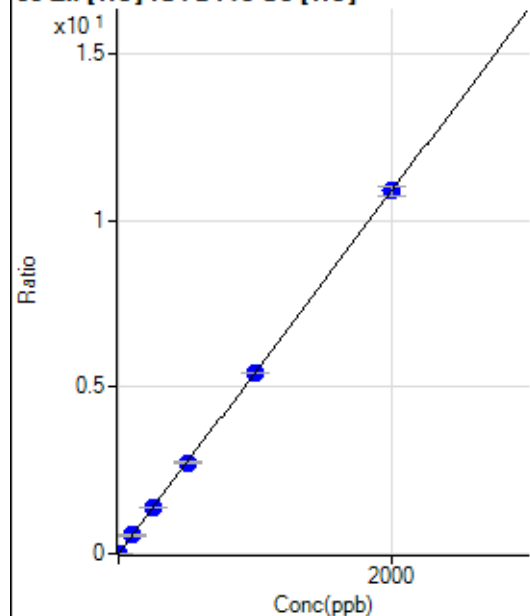
$$R = 1.0000$$

$$DL = 0.0523$$

$$BEC = 0.1296$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0015	P	30.8
2	☐	0.200					
3	☐	2.000	2.062	474.46	0.0127	P	4.8
4	☐	100.000	101.319	20862.59	0.5529	P	2.2
5	☐	250.000	255.013	51934.64	1.3894	P	1.7
6	☐	500.000	502.998	102011.56	2.7392	P	1.8
7	☐	1000.000	996.547	194829.63	5.4254	P	0.7
8	☐	2000.000	2000.284	377858.87	10.8885	P	3.0
9	☐			3491.62	0.0986	P	2.7

$$y = 0.0054 * x + 0.0015$$

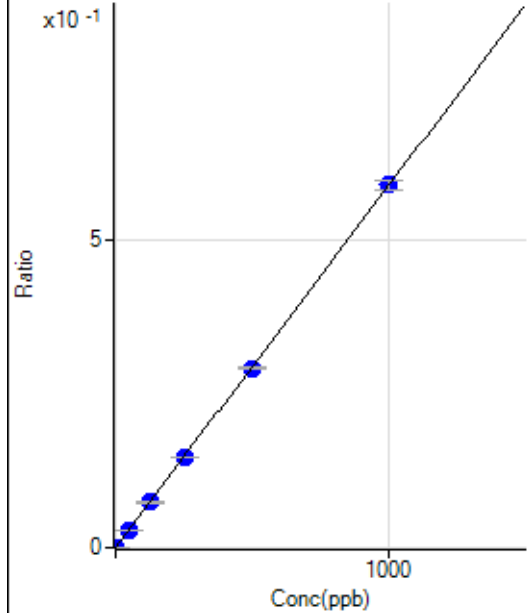
$$R = 1.0000$$

$$DL = 0.2512$$

$$BEC = 0.2721$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.32	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	0.901	136.42	0.0005	P	7.8
4	☐	50.000	49.352	7281.61	0.0290	P	1.9
5	☐	125.000	125.596	18428.41	0.0739	P	2.2
6	☐	250.000	249.328	36637.94	0.1467	P	0.9
7	☐	500.000	495.147	70540.39	0.2913	P	0.8
8	☐	1000.000	1002.552	137687.51	0.5898	P	2.9
9	☐			108.64	0.0004	P	3.6

$$y = 5.8824\text{E-}004 * x + 1.7281\text{E-}005$$

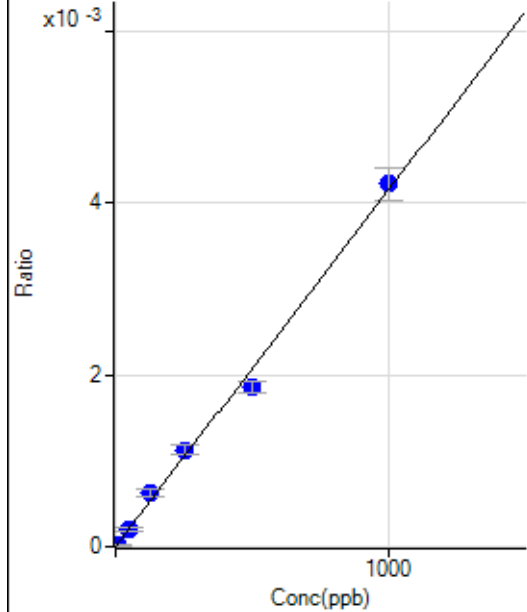
$$R = 1.0000$$

$$DL = 0.04385$$

$$BEC = 0.02938$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.239	3.33	0.0000	P	173.
4	☐	50.000	46.994	48.89	0.0002	P	19.2
5	☐	125.000	148.423	153.34	0.0006	P	14.6
6	☐	250.000	271.338	281.12	0.0011	P	9.3
7	☐	500.000	449.124	451.13	0.0019	P	7.5
8	☐	1000.000	1017.335	984.50	0.0042	P	8.7
9	☐			2.22	0.0000	P	86.6

$$y = 4.1473\text{E-}006 * x + 0.0000\text{E+}000$$

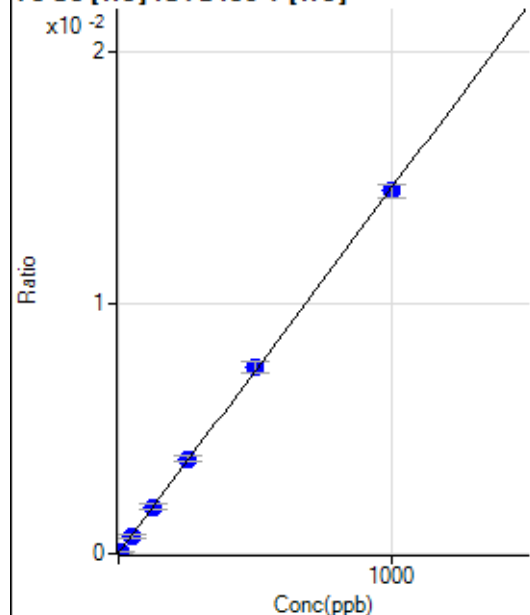
$$R = 0.9976$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	86.3
2	☐	0.500					
3	☐	5.000	5.963	25.31	0.0001	P	4.5
4	☐	50.000	47.209	175.93	0.0007	P	16.6
5	☐	125.000	127.200	465.44	0.0019	P	11.2
6	☐	250.000	259.519	946.96	0.0038	P	6.6
7	☐	500.000	509.712	1800.14	0.0074	P	7.0
8	☐	1000.000	992.624	3375.76	0.0145	P	3.9
9	☐			5.55	0.0000	P	60.2

$$y = 1.4551\text{E-}005 * x + 1.4752\text{E-}005$$

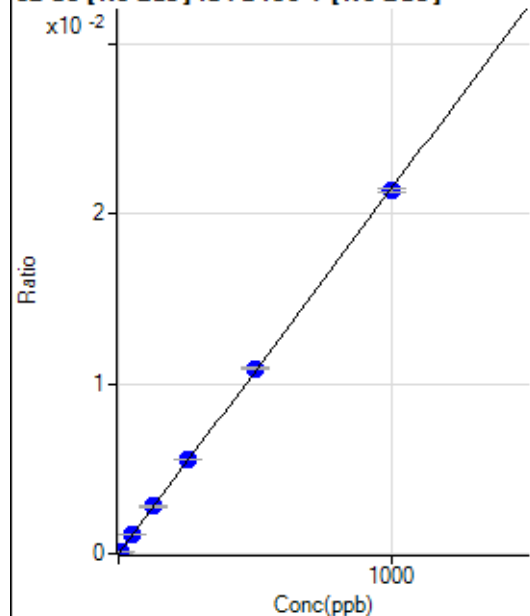
$$R = 0.9999$$

$$DL = 2.625$$

$$BEC = 1.014$$

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	-117.92	0.0000	P	-76.
2	☐	0.500					
3	☐	5.000	5.150	613.47	0.0001	P	10.5
4	☐	50.000	52.743	7428.14	0.0011	P	2.7
5	☐	125.000	129.043	18688.49	0.0028	P	1.4
6	☐	250.000	258.543	37877.65	0.0056	P	0.7
7	☐	500.000	506.756	75272.60	0.0109	P	1.1
8	☐	1000.000	993.843	149173.22	0.0214	P	1.2
9	☐			75.92	0.0000	P	121.

$$y = 2.1536\text{E-}005 * x - 1.7569\text{E-}005$$

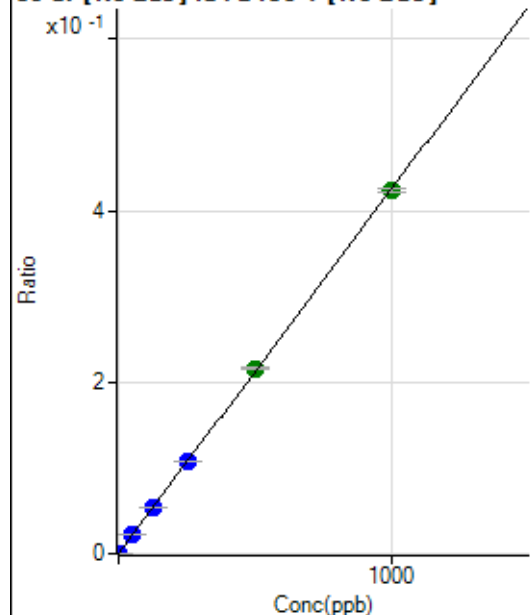
$$R = 0.9999$$

$$DL = 1.863$$

$$BEC = -0.8158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1544.62	0.0002	P	2.8
2	☐	0.100					
3	☐	1.000	0.954	4156.38	0.0006	P	9.7
4	☐	50.000	51.238	146085.47	0.0220	P	1.2
5	☐	125.000	126.580	365484.52	0.0540	P	0.3
6	☐	250.000	252.706	734246.21	0.1076	P	0.4
7	☐	500.000	507.876	1492220.03	0.2160	A	1.0
8	☐	1000.000	995.126	2950677.45	0.4230	A	1.0
9	☐			104444.78	0.0151	P	1.7

$$y = 4.2485E-004 * x + 2.2835E-004$$

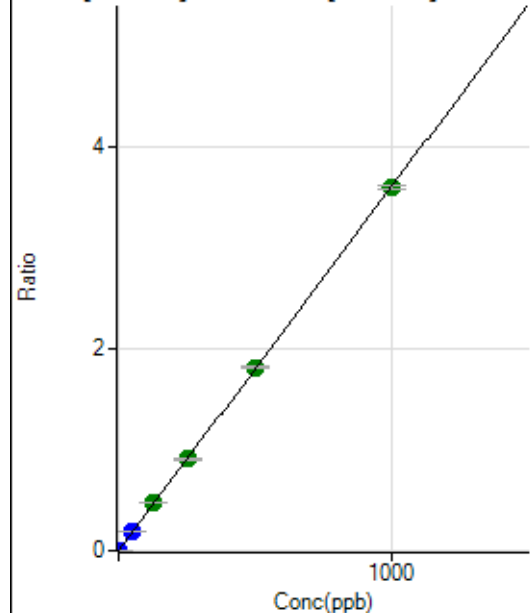
$$R = 0.9999$$

$$DL = 0.04448$$

$$BEC = 0.5375$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.80	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.978	23518.44	0.0036	P	3.3
4	☐	50.000	51.694	1239202.91	0.1866	P	0.6
5	☐	125.000	130.077	3176772.90	0.4694	A	0.6
6	☐	250.000	251.409	6191432.99	0.9072	A	0.7
7	☐	500.000	504.159	12568649.24	1.8192	A	0.4
8	☐	1000.000	996.849	25091628.86	3.5971	A	1.2
9	☐			886762.41	0.1285	P	0.6

$$y = 0.0036 * x + 5.2178E-005$$

$$R = 1.0000$$

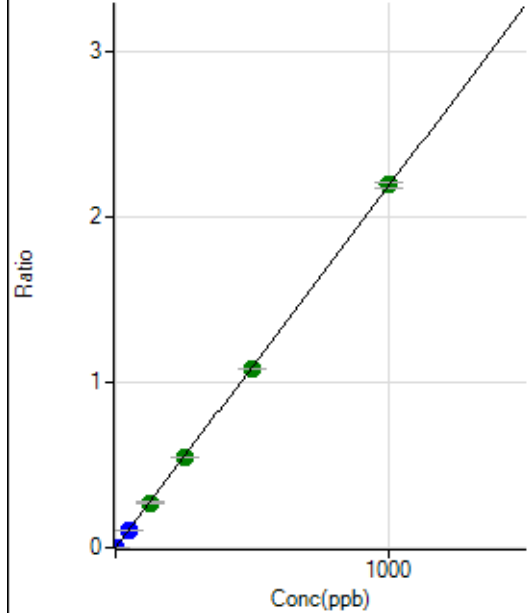
$$DL = 0.003157$$

$$BEC = 0.01446$$

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	366.69	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.982	14442.04	0.0022	P	2.4
4	☐	50.000	49.338	715713.80	0.1078	P	0.2
5	☐	125.000	124.968	1846598.20	0.2729	A	0.9
6	☐	250.000	248.357	3700470.87	0.5422	A	0.1
7	☐	500.000	493.834	7448278.73	1.0781	A	0.4
8	☐	1000.000	1003.531	15281794.09	2.1908	A	1.3
9	☐			12450.78	0.0018	P	2.4

$$y = 0.0022 * x + 5.4220E-005$$

$$R = 1.0000$$

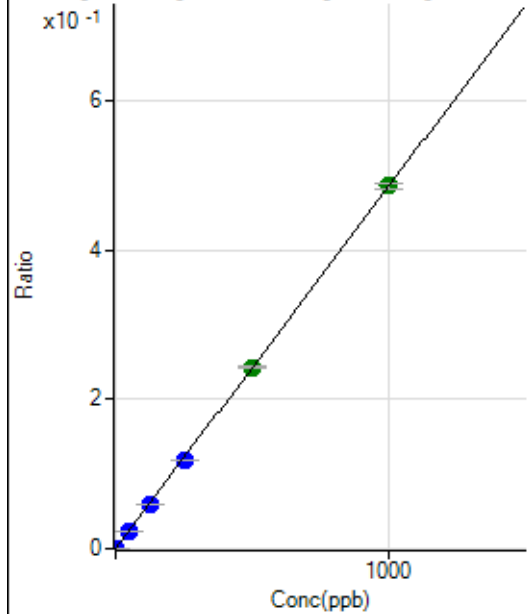
$$DL = 0.006495$$

$$BEC = 0.02484$$

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	88.89	0.0000	P	61.2
2	☐	0.100					
3	☐	1.000	0.961	3150.52	0.0005	P	2.2
4	☐	50.000	48.597	156809.38	0.0236	P	1.1
5	☐	125.000	121.632	399784.54	0.0591	P	0.5
6	☐	250.000	245.457	813516.91	0.1192	P	0.5
7	☐	500.000	499.558	1675914.73	0.2426	A	1.0
8	☐	1000.000	1001.848	3393541.26	0.4865	A	1.4
9	☐			2853.21	0.0004	P	5.1

$$y = 4.8558E-004 * x + 1.3102E-005$$

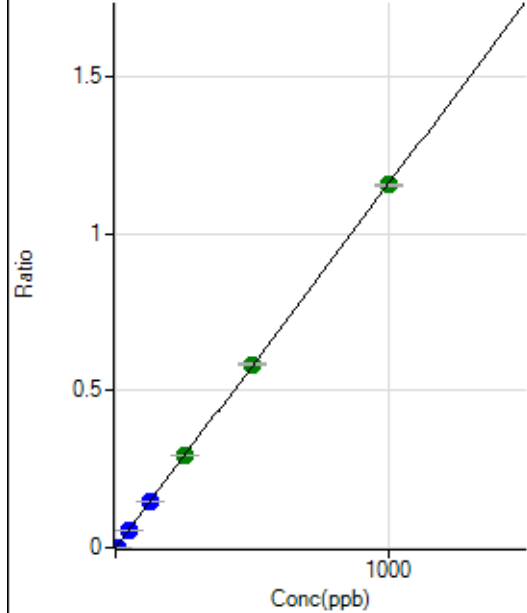
$$R = 1.0000$$

$$DL = 0.0495$$

$$BEC = 0.02698$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	2.107	16226.93	0.0025	P	2.3
4	☐	50.000	49.731	382624.45	0.0576	P	1.1
5	☐	125.000	124.820	978289.26	0.1446	P	0.4
6	☐	250.000	252.794	1997806.40	0.2927	A	0.6
7	☐	500.000	503.568	4028369.75	0.5831	A	0.9
8	☐	1000.000	997.568	8057511.81	1.1551	A	0.9
9	☐			18396.48	0.0027	P	1.5

$$y = 0.0012 * x + 3.0287E-005$$

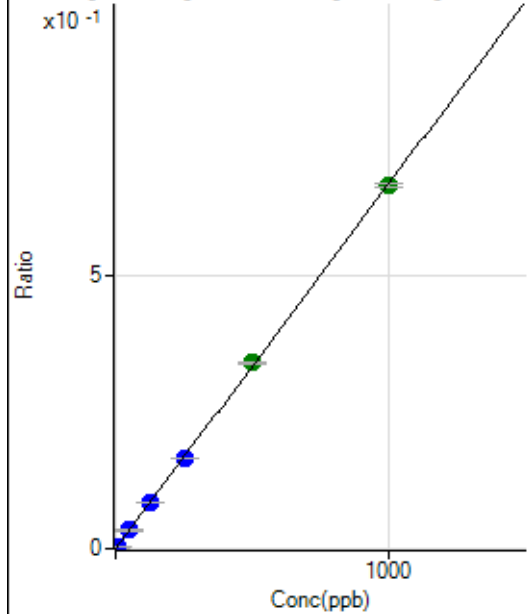
$$R = 1.0000$$

$$DL = 0.02354$$

$$BEC = 0.02616$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	11.0
2	☐	0.500					
3	☐	5.000	4.562	20007.24	0.0030	P	2.9
4	☐	50.000	50.273	222398.65	0.0335	P	1.9
5	☐	125.000	124.621	561736.51	0.0830	P	0.4
6	☐	250.000	248.992	1131749.24	0.1658	P	0.2
7	☐	500.000	510.460	2348744.89	0.3400	A	1.0
8	☐	1000.000	995.058	4622639.17	0.6627	A	1.1
9	☐			23974.84	0.0035	P	0.4

$$y = 6.6600E-004 * x + 7.8149E-006$$

$$R = 0.9999$$

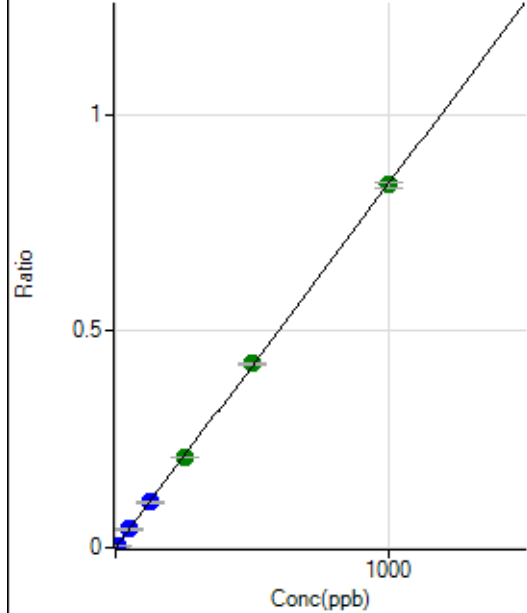
$$DL = 0.003871$$

$$BEC = 0.01173$$

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	177.79	0.0000	P	28.1
2	☐	0.500					
3	☐	5.000	3.899	21673.75	0.0033	P	1.0
4	☐	50.000	50.208	280019.16	0.0422	P	1.5
5	☐	125.000	124.325	706322.57	0.1044	P	0.2
6	☐	250.000	248.998	1426343.39	0.2090	A	0.9
7	☐	500.000	505.923	2933626.21	0.4246	A	0.7
8	☐	1000.000	997.368	5839004.52	0.8371	A	1.4
9	☐			29165.68	0.0042	P	3.0

$$y = 8.3928E-004 * x + 2.6371E-005$$

$$R = 1.0000$$

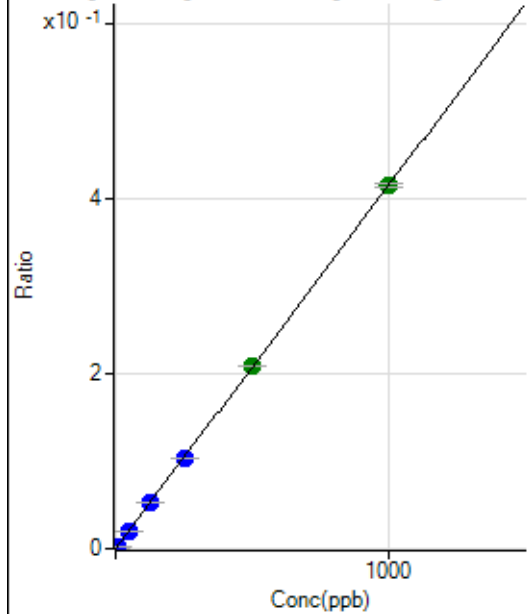
$$DL = 0.02651$$

$$BEC = 0.03142$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	4.492	12289.43	0.0019	P	3.9
4	☐	50.000	49.962	137982.00	0.0208	P	0.4
5	☐	125.000	125.181	352232.31	0.0520	P	0.5
6	☐	250.000	247.930	703448.96	0.1031	P	1.1
7	☐	500.000	502.983	1444685.49	0.2091	A	1.0
8	☐	1000.000	999.008	2897209.40	0.4153	A	1.0
9	☐			14869.82	0.0022	P	2.3

$$y = 4.1575E-004 * x + 3.7084E-006$$

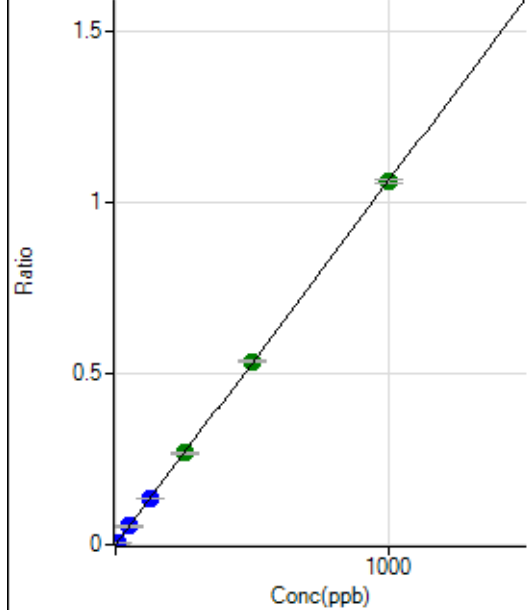
$$R = 1.0000$$

$$DL = 0.009315$$

$$BEC = 0.00892$$

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	44.44	0.0000	P	58.9
2	☐	0.500					
3	☐	5.000	4.521	31573.98	0.0048	P	2.8
4	☐	50.000	50.320	354887.46	0.0534	P	0.6
5	☐	125.000	125.204	899687.34	0.1329	P	0.5
6	☐	250.000	251.627	1823252.75	0.2672	A	1.1
7	☐	500.000	503.932	3696536.67	0.5351	A	0.6
8	☐	1000.000	997.588	7388289.14	1.0592	A	1.1
9	☐			38731.07	0.0056	P	1.4

$$y = 0.0011 * x + 6.5449E-006$$

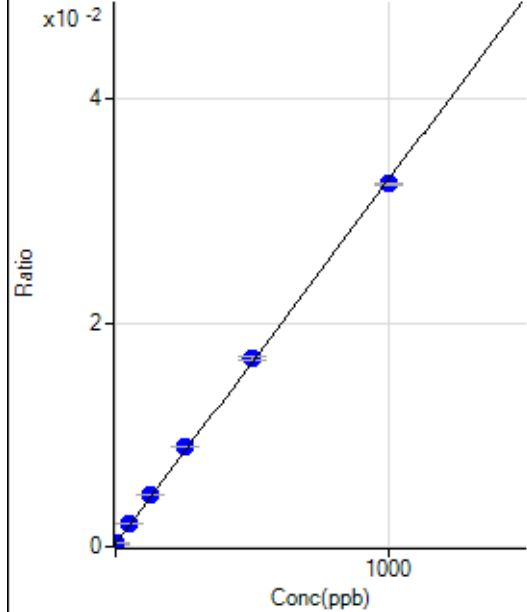
$$R = 1.0000$$

$$DL = 0.01089$$

$$BEC = 0.006164$$

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	1447.37	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	1.517	1700.19	0.0003	P	0.3
4	☐	50.000	56.606	13212.58	0.0021	P	4.6
5	☐	125.000	134.750	30131.76	0.0046	P	0.1
6	☐	250.000	267.285	60185.01	0.0089	P	0.3
7	☐	500.000	510.561	119117.41	0.0169	P	1.6
8	☐	1000.000	988.849	237054.38	0.0324	P	0.8
9	☐			1586.28	0.0002	P	3.1

$$y = 3.2570E-005 * x + 2.2240E-004$$

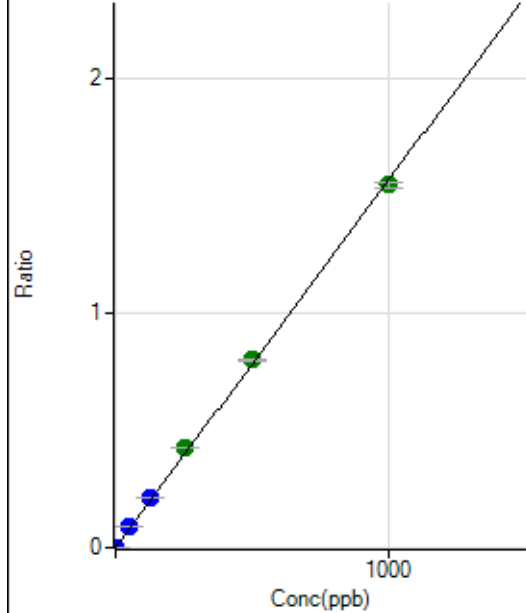
$$R = 0.9997$$

$$DL = 1.573$$

$$BEC = 6.828$$

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	105.56	0.0000	P	19.1
2	☐	0.100					
3	☐	1.000	1.189	11747.30	0.0019	P	2.7
4	☐	50.000	55.568	556789.12	0.0870	P	1.7
5	☐	125.000	136.749	1399317.98	0.2142	P	1.1
6	☐	250.000	272.507	2876744.33	0.4267	A	0.2
7	☐	500.000	510.955	5656075.39	0.8001	A	0.9
8	☐	1000.000	987.148	11299243.05	1.5458	A	1.6
9	☐			3306.12	0.0005	P	1.1

$$y = 0.0016 * x + 1.6259E-005$$

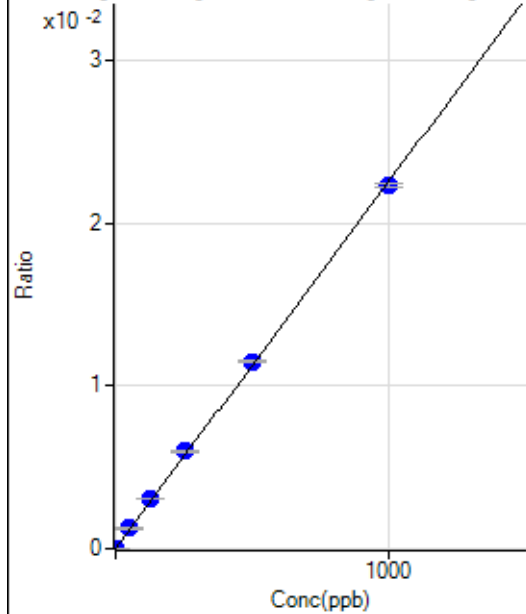
$$R = 0.9996$$

$$DL = 0.005965$$

$$BEC = 0.01038$$

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	5.56	0.0000	P	45.7
2	☐	0.100					
3	☐	1.000	0.877	129.17	0.0000	P	9.7
4	☐	50.000	55.215	7971.94	0.0012	P	4.0
5	☐	125.000	135.495	19977.58	0.0031	P	2.0
6	☐	250.000	265.019	40306.20	0.0060	P	0.4
7	☐	500.000	510.892	81473.75	0.0115	P	1.4
8	☐	1000.000	989.227	163122.60	0.0223	P	1.0
9	☐			77.78	0.0000	P	25.9

$$y = 2.2558E-005 * x + 8.6030E-007$$

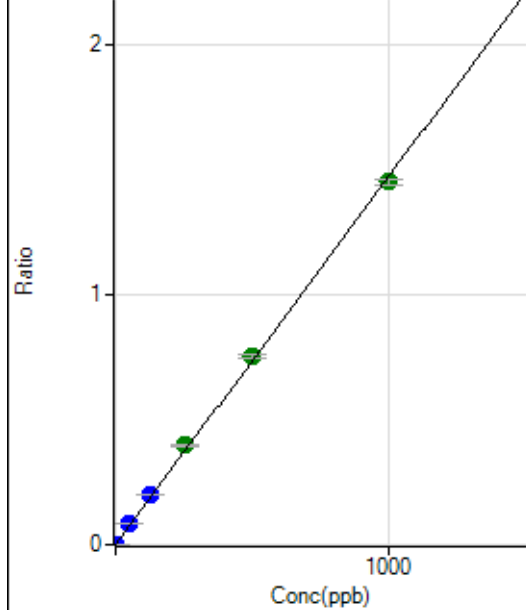
$$R = 0.9998$$

$$DL = 0.05224$$

$$BEC = 0.03814$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	32.3
2	☐	0.100					
3	☐	1.000	1.218	11280.22	0.0018	P	0.9
4	☐	50.000	55.649	523794.77	0.0819	P	2.3
5	☐	125.000	137.300	1319971.27	0.2020	P	0.2
6	☐	250.000	270.590	2683563.69	0.3981	A	1.1
7	☐	500.000	513.231	5337419.17	0.7551	A	1.4
8	☐	1000.000	986.417	10607681.49	1.4512	A	1.3
9	☐			3297.78	0.0005	P	5.1

$$y = 0.0015 * x + 1.0726E-005$$

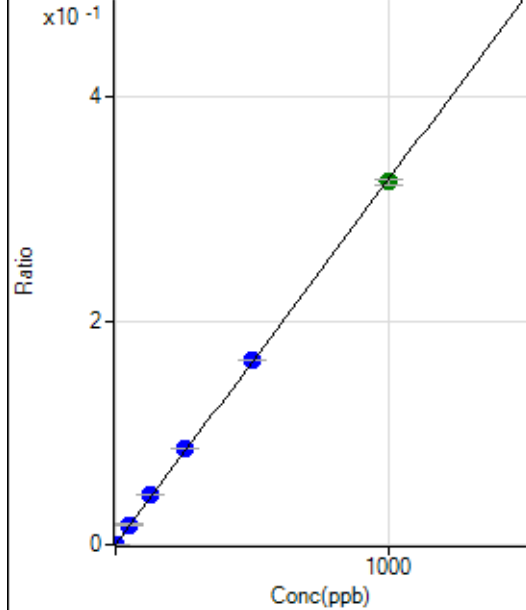
$$R = 0.9996$$

$$DL = 0.007066$$

$$BEC = 0.007291$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1023.15	0.0002	P	8.1
2	☐	0.100					
3	☐	1.000	1.040	3106.85	0.0005	P	4.5
4	☐	50.000	54.686	115198.38	0.0180	P	1.4
5	☐	125.000	134.796	288510.32	0.0442	P	0.2
6	☐	250.000	262.025	577538.54	0.0857	P	1.0
7	☐	500.000	504.447	1164966.92	0.1648	P	0.7
8	☐	1000.000	993.311	2370914.93	0.3244	A	1.4
9	☐			1904.60	0.0003	P	3.6

$$y = 3.2638E-004 * x + 1.5720E-004$$

$$R = 0.9999$$

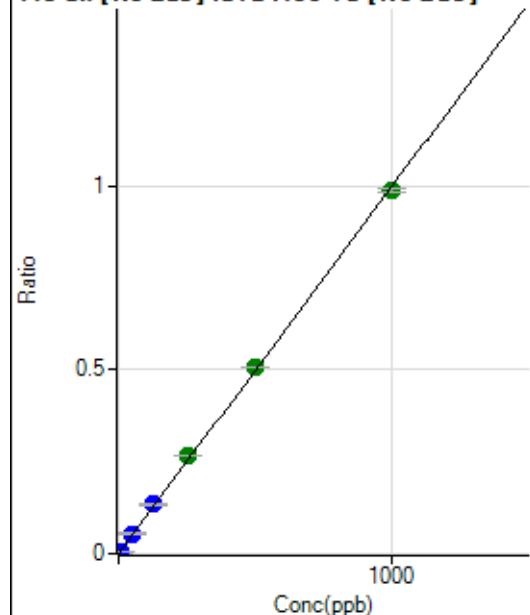
$$DL = 0.1168$$

$$BEC = 0.4816$$

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	780.61	0.0001	P	11.6
2	☐	0.500					
3	☐	5.000	4.880	31167.80	0.0050	P	2.3
4	☐	50.000	54.642	349221.96	0.0546	P	1.6
5	☐	125.000	134.307	875530.00	0.1340	P	1.0
6	☐	250.000	265.698	1786079.38	0.2650	A	0.5
7	☐	500.000	509.981	3594274.43	0.5084	A	0.1
8	☐	1000.000	989.690	7211721.08	0.9866	A	1.1
9	☐			13921.75	0.0020	P	3.9

$$y = 9.9674\text{E-}004 * x + 1.2016\text{E-}004$$

$$R = 0.9998$$

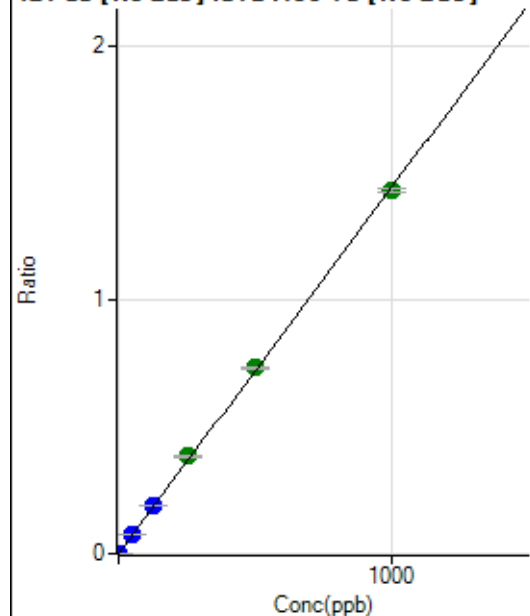
$$DL = 0.04205$$

$$BEC = 0.1205$$

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	58.33	0.0000	P	50.2
2	☐	0.200					
3	☐	2.000	1.933	17465.01	0.0028	P	3.7
4	☐	50.000	53.738	495412.98	0.0774	P	2.3
5	☐	125.000	133.220	1254381.51	0.1920	P	1.1
6	☐	250.000	265.526	2579277.62	0.3826	A	0.3
7	☐	500.000	507.544	5169992.95	0.7313	A	0.4
8	☐	1000.000	991.132	10439831.31	1.4282	A	1.1
9	☐			26480.10	0.0037	P	1.4

$$y = 0.0014 * x + 9.0126\text{E-}006$$

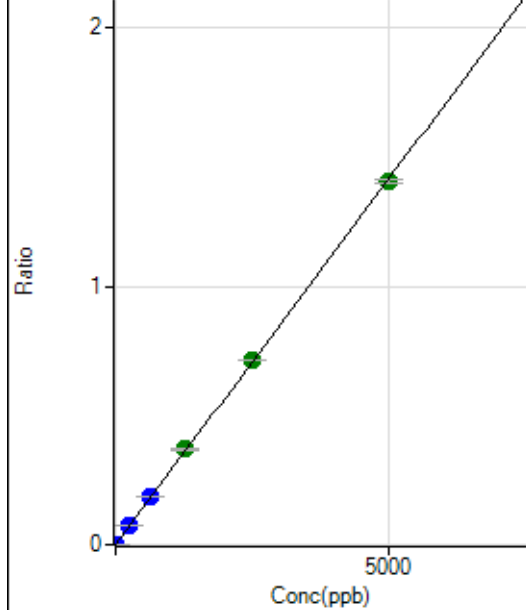
$$R = 0.9998$$

$$DL = 0.009426$$

$$BEC = 0.006255$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	44.8
2	☐	1.000					
3	☐	10.000	9.722	17236.83	0.0028	P	2.2
4	☐	250.000	265.383	479873.61	0.0750	P	1.6
5	☐	625.000	657.133	1213449.10	0.1857	P	0.9
6	☐	1250.000	1303.371	2482899.90	0.3683	A	0.7
7	☐	2500.000	2534.490	5063137.01	0.7162	A	0.1
8	☐	5000.000	4964.627	10255033.39	1.4029	A	1.2
9	☐			5498.64	0.0008	P	3.5

$$y = 2.8258E-004 * x + 8.5318E-006$$

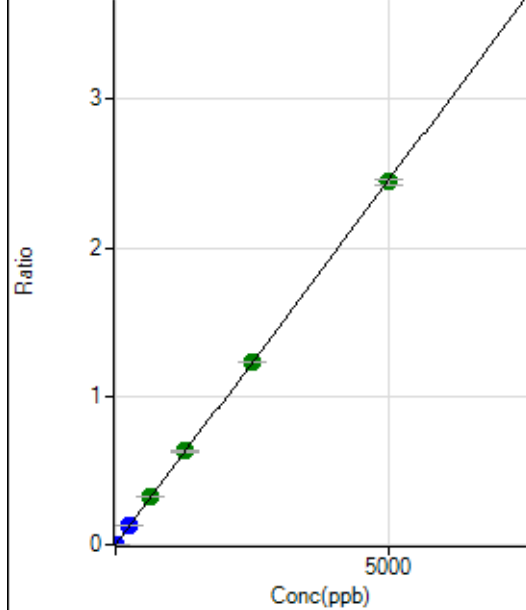
$$R = 0.9999$$

$$DL = 0.04057$$

$$BEC = 0.03019$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	14.5
2	☐	1.000					
3	☐	10.000	9.739	29951.65	0.0048	P	3.6
4	☐	250.000	265.476	833265.23	0.1302	P	1.8
5	☐	625.000	664.237	2129220.12	0.3259	A	1.2
6	☐	1250.000	1285.032	4249371.23	0.6304	A	1.0
7	☐	2500.000	2509.407	8702077.71	1.2310	A	0.4
8	☐	5000.000	4980.860	17859815.68	2.4434	A	1.5
9	☐			9173.04	0.0013	P	2.8

$$y = 4.9055E-004 * x + 1.3679E-005$$

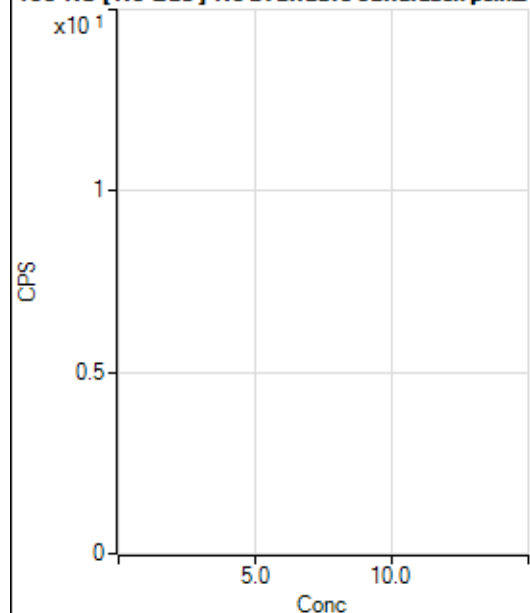
$$R = 1.0000$$

$$DL = 0.01217$$

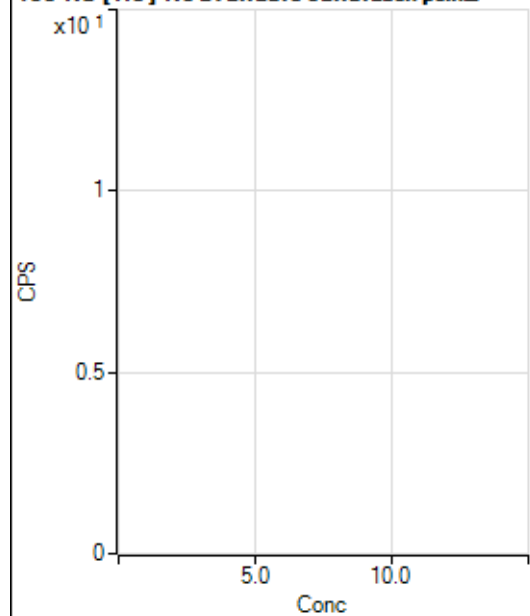
$$BEC = 0.02789$$

Weight: <None>

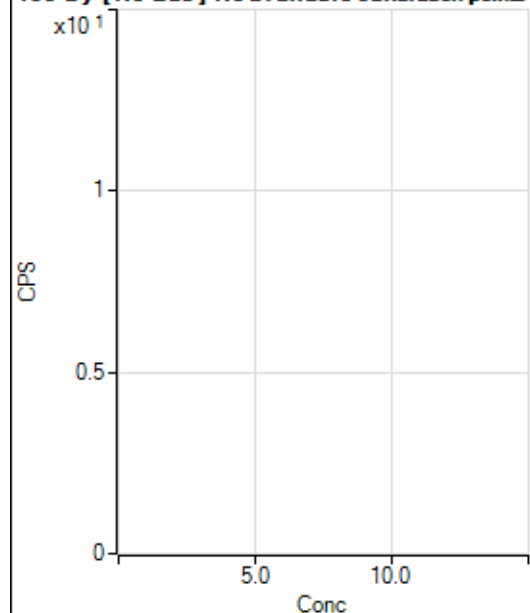
Min Conc: 0

150 Nd [No Gas] No available calibration points

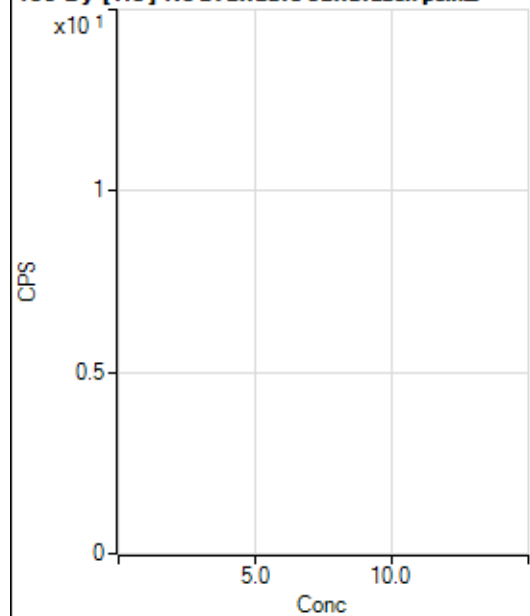
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			6.67		P	100.
4	☐			20.00		P	33.4
5	☐			33.34		P	52.9
6	☐			113.34		P	15.6
7	☐			171.12		P	12.5
8	☐			357.80		P	6.0
9	☐			131.11		P	24.0

150 Nd [He] No available calibration points

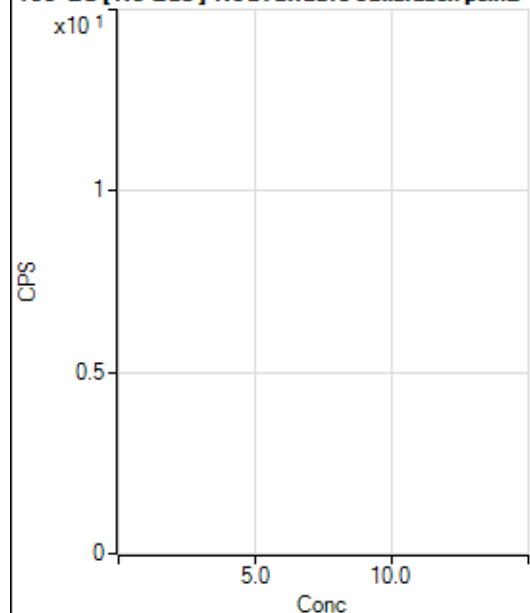
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			3.33		P	100.
6	☐			4.44		P	43.4
7	☐			2.22		P	86.6
8	☐			21.11		P	36.5
9	☐			23.33		P	51.5

156 Dy [No Gas] No available calibration points

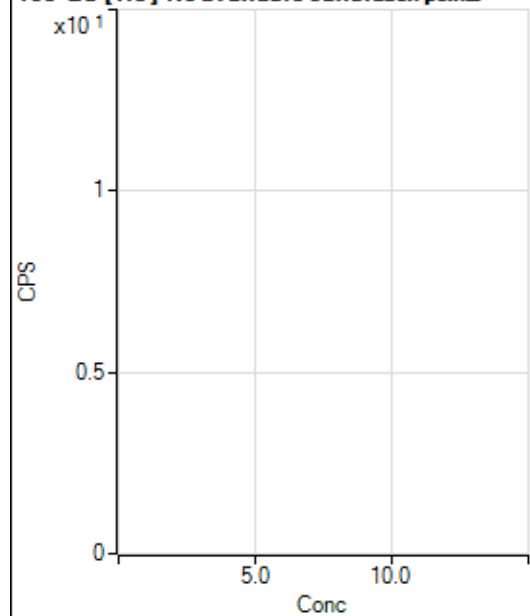
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			13.89		P	34.7
4	☐			25.00		P	66.7
5	☐			25.00		P	88.2
6	☐			27.78		P	96.4
7	☐			83.34		P	26.5
8	☐			150.01		P	33.3
9	☐			166.67		P	18.0

156 Dy [He] No available calibration points

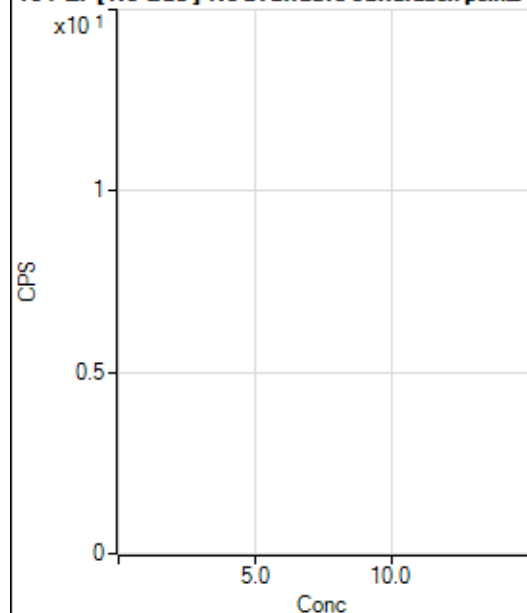
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			3.33		P	100.
5	☐			3.33		P	100.
6	☐			10.00		P	120.
7	☐			11.11		P	45.8
8	☐			28.89		P	35.2
9	☐			25.55		P	41.9

160 Gd [No Gas] Noavailable calibration poin_

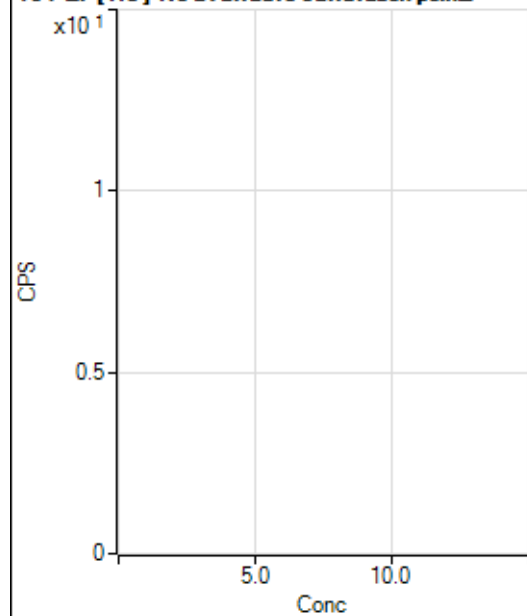
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	43.8
2	☐						
3	☐			61.11		P	28.4
4	☐			55.56		P	8.7
5	☐			52.78		P	24.1
6	☐			77.78		P	24.7
7	☐			75.00		P	38.5
8	☐			138.90		P	12.5
9	☐			122.23		P	28.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			14.44		P	53.3
4	☐			12.22		P	56.8
5	☐			10.00		P	0.0
6	☐			12.22		P	56.8
7	☐			15.56		P	32.7
8	☐			43.33		P	26.6
9	☐			34.44		P	29.6

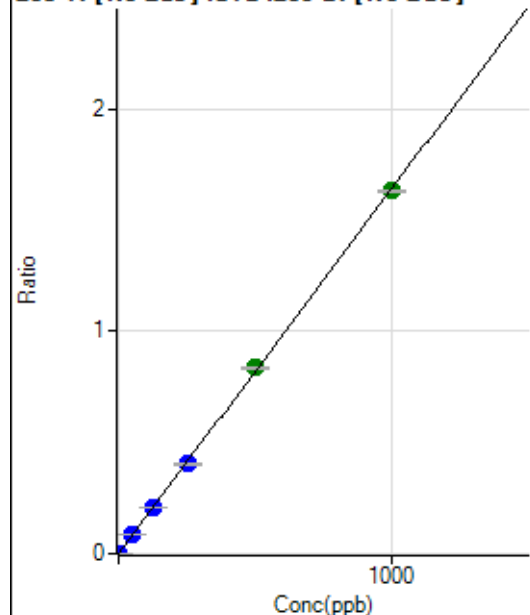
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			38.89		P	32.7
4	☐			16.67		P	50.0
5	☐			33.33		P	43.3
6	☐			44.44		P	21.7
7	☐			72.23		P	13.3
8	☐			69.45		P	18.3
9	☐			86.11		P	11.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			7.78		P	49.5
4	☐			6.67		P	50.0
5	☐			5.55		P	69.3
6	☐			4.44		P	114.
7	☐			10.00		P	66.7
8	☐			14.44		P	13.4
9	☐			11.11		P	96.4

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	83.8
2	☐	0.100					
3	☐	1.000	0.942	5193.01	0.0016	P	3.5
4	☐	50.000	50.268	282779.76	0.0824	P	0.5
5	☐	125.000	124.614	718594.09	0.2043	P	1.0
6	☐	250.000	246.677	1457777.58	0.4045	P	1.2
7	☐	500.000	511.423	3165511.38	0.8386	A	1.0
8	☐	1000.000	995.154	6435856.31	1.6317	A	0.7
9	☐			5634.87	0.0015	P	2.7

$$y = 0.0016 * x + 1.2912E-005$$

$$R = 0.9999$$

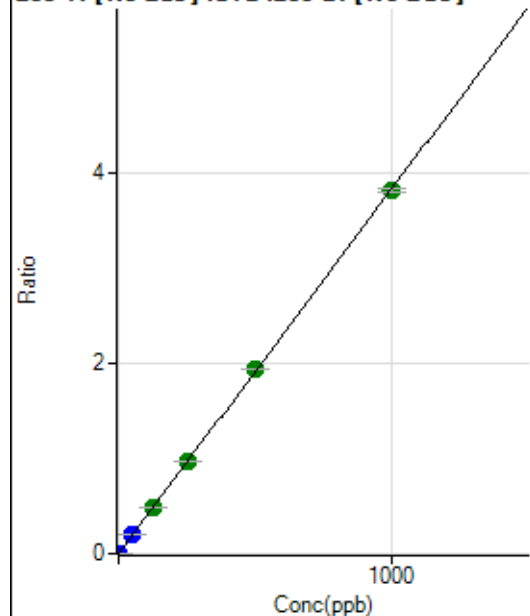
$$DL = 0.0198$$

$$BEC = 0.007875$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.930	11914.39	0.0036	P	3.7
4	☐	50.000	51.049	669063.47	0.1950	P	0.5
5	☐	125.000	127.374	1711339.67	0.4866	A	0.8
6	☐	250.000	253.306	3487801.12	0.9677	A	1.4
7	☐	500.000	506.459	7304289.14	1.9348	A	0.4
8	☐	1000.000	995.595	15001127.59	3.8035	A	1.0
9	☐			12701.41	0.0035	P	6.2

$$y = 0.0038 * x + 2.3525E-005$$

$$R = 1.0000$$

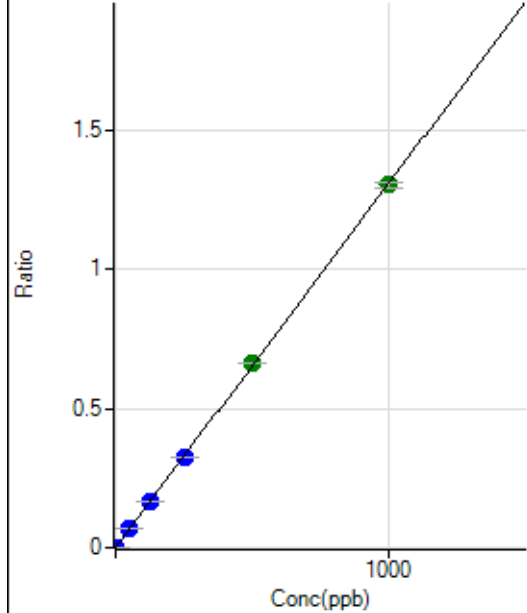
$$DL = 0.002732$$

$$BEC = 0.006158$$

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	242.60	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	1.203	5473.55	0.0016	P	2.3
4	☐	50.000	50.465	226389.29	0.0660	P	0.9
5	☐	125.000	124.630	572832.23	0.1629	P	0.2
6	☐	250.000	247.486	1165502.79	0.3234	P	0.5
7	☐	500.000	507.193	2501613.60	0.6626	A	0.7
8	☐	1000.000	997.055	5137351.10	1.3026	A	1.3
9	☐			12389.71	0.0034	P	2.6

$$y = 0.0013 * x + 7.0961E-005$$

$$R = 1.0000$$

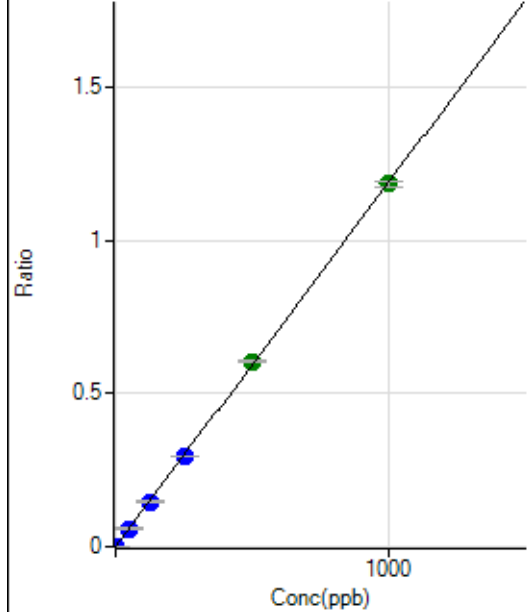
$$DL = 0.01372$$

$$BEC = 0.05432$$

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	216.68	0.0001	P	17.5
2	☐	0.100					
3	☐	1.000	1.192	4925.18	0.0015	P	7.2
4	☐	50.000	50.087	204438.28	0.0596	P	0.7
5	☐	125.000	123.945	518322.75	0.1474	P	0.3
6	☐	250.000	246.119	1054616.97	0.2926	P	0.3
7	☐	500.000	509.373	2285724.33	0.6055	A	1.1
8	☐	1000.000	996.411	4671318.74	1.1844	A	1.2
9	☐			10541.76	0.0029	P	1.3

$$y = 0.0012 * x + 6.3382E-005$$

$$R = 0.9999$$

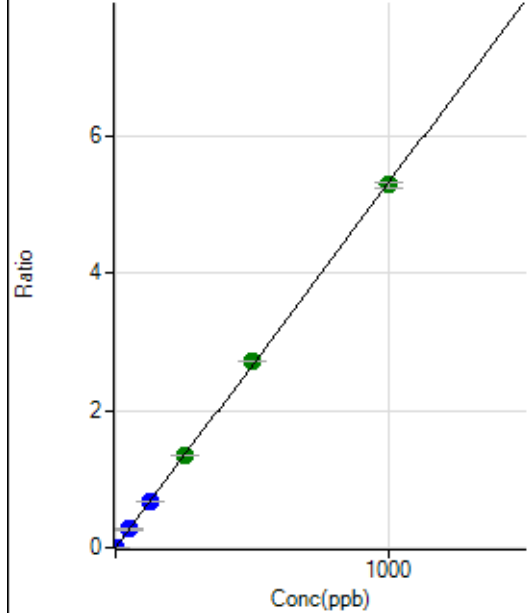
$$DL = 0.02798$$

$$BEC = 0.05333$$

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	974.12	0.0003	P	5.6
2	☐	0.100					
3	☐	1.000	1.179	21830.12	0.0066	P	2.9
4	☐	50.000	50.093	914607.20	0.2666	P	0.3
5	☐	125.000	124.585	2330526.91	0.6627	P	0.4
6	☐	250.000	251.557	4821701.91	1.3378	A	0.1
7	☐	500.000	509.883	10235527.87	2.7113	A	0.4
8	☐	1000.000	994.716	20859363.25	5.2890	A	1.6
9	☐			48589.52	0.0133	P	1.1

$$y = 0.0053 * x + 2.8487E-004$$

$$R = 0.9999$$

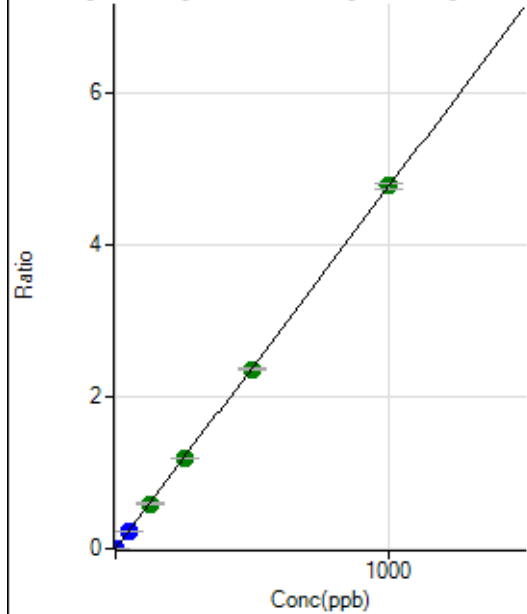
$$DL = 0.009065$$

$$BEC = 0.05358$$

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	52.78	0.0000	P	38.8
2	☐	0.100					
3	☐	1.000	0.904	14436.85	0.0043	P	2.1
4	☐	50.000	48.424	793052.05	0.2312	P	0.6
5	☐	125.000	124.371	2088075.42	0.5937	A	1.1
6	☐	250.000	247.920	4265826.44	1.1836	A	0.3
7	☐	500.000	496.548	8949006.80	2.3705	A	0.3
8	☐	1000.000	1002.403	18873099.90	4.7854	A	1.4
9	☐			15232.15	0.0042	P	1.6

$$y = 0.0048 * x + 1.5397E-005$$

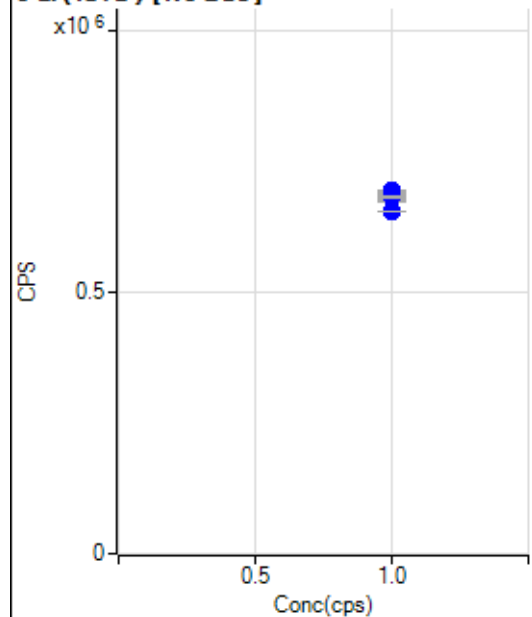
$$R = 1.0000$$

$$DL = 0.003756$$

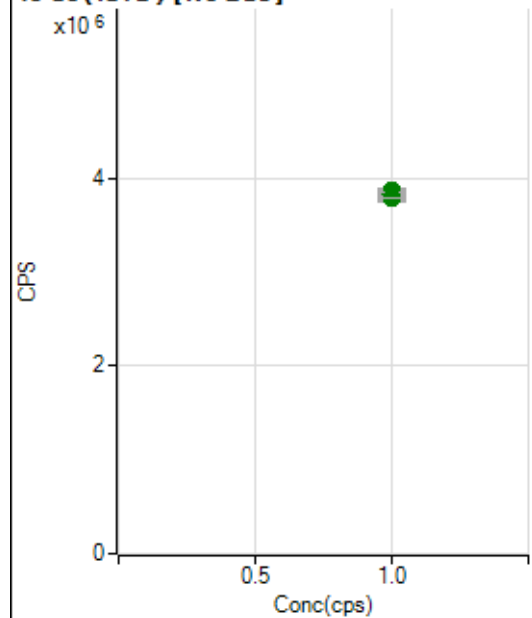
$$BEC = 0.003225$$

Weight: <None>

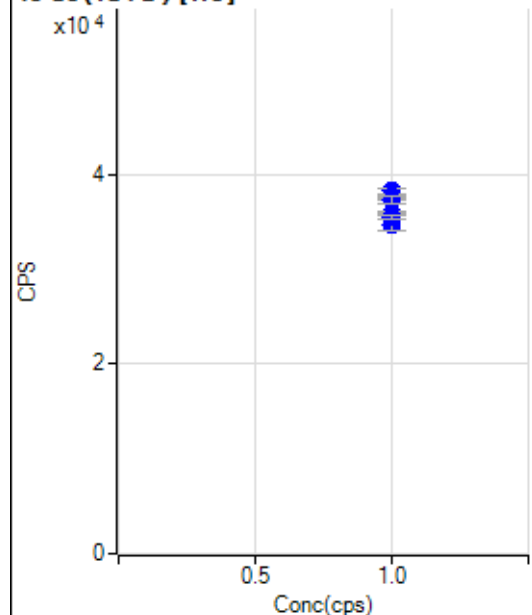
Min Conc: 0

6 Li (ISTD) [No Gas]

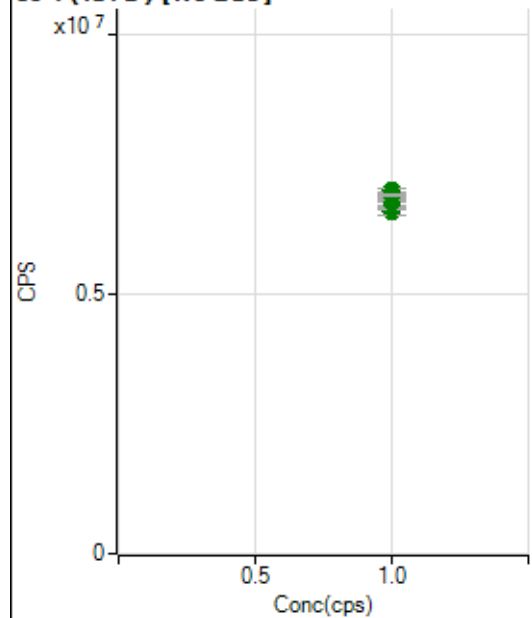
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		681601.98		P	1.8
2	☐	1.000					
3	☐	1.000		678630.07		P	2.4
4	☐	1.000		692665.47		P	0.2
5	☐	1.000		693148.43		P	0.7
6	☐	1.000		691568.54		P	0.2
7	☐	1.000		687905.71		P	0.2
8	☐	1.000		682862.32		P	0.5
9	☐	1.000		653949.05		P	0.2

45 Sc (ISTD) [No Gas]

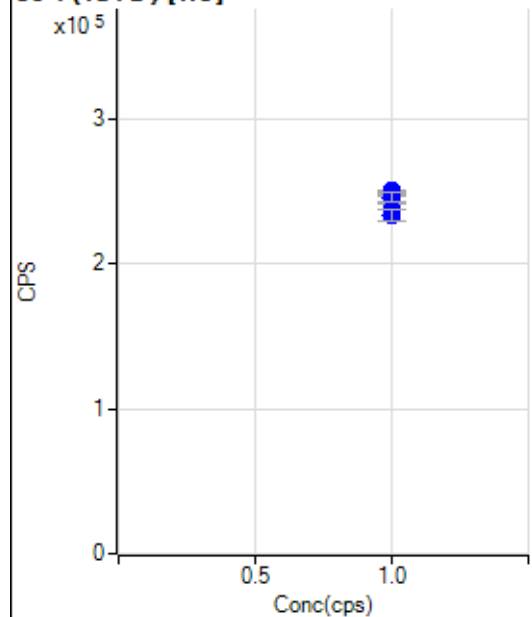
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3849236.94		A	1.8
2	☐	1.000					
3	☐	1.000		3790411.11		A	1.9
4	☐	1.000		3867637.11		A	0.5
5	☐	1.000		3866979.77		A	0.9
6	☐	1.000		3861971.31		A	0.8
7	☐	1.000		3830091.62		A	0.7
8	☐	1.000		3791147.13		A	1.1
9	☐	1.000		3790883.07		A	0.4

45 Sc (ISTD) [He]

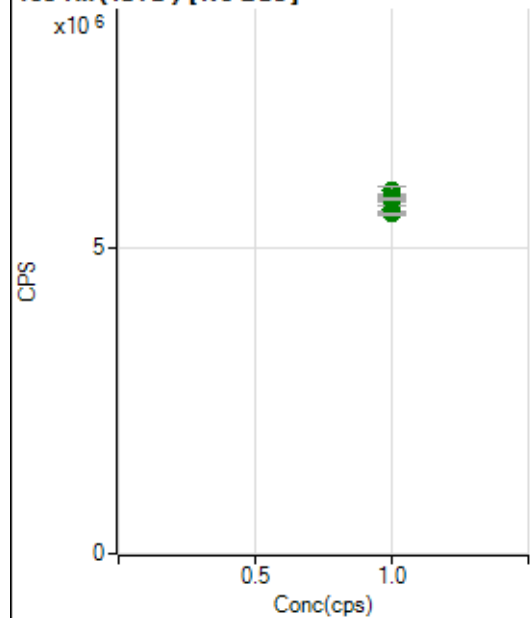
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38236.59		P	1.4
2	☐	1.000					
3	☐	1.000		37371.98		P	2.8
4	☐	1.000		37735.16		P	0.9
5	☐	1.000		37380.98		P	0.9
6	☐	1.000		37251.68		P	2.2
7	☐	1.000		35911.50		P	0.7
8	☐	1.000		34725.32		P	3.3
9	☐	1.000		35392.46		P	1.2

89 Y (ISTD) [No Gas]

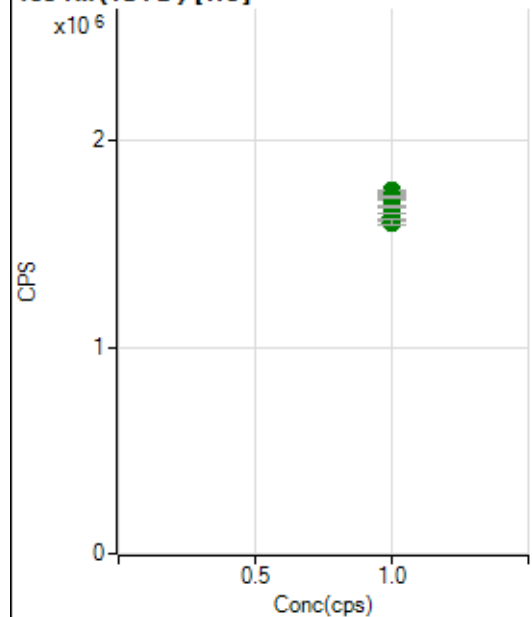
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6762569.62		A	1.8
2	☐	1.000					
3	☐	1.000		6570886.29		A	2.4
4	☐	1.000		6641733.58		A	1.0
5	☐	1.000		6767487.88		A	0.2
6	☐	1.000		6824592.40		A	0.8
7	☐	1.000		6908838.65		A	0.9
8	☐	1.000		6975773.23		A	0.9
9	☐	1.000		6902484.55		A	0.7

89 Y (ISTD) [He]

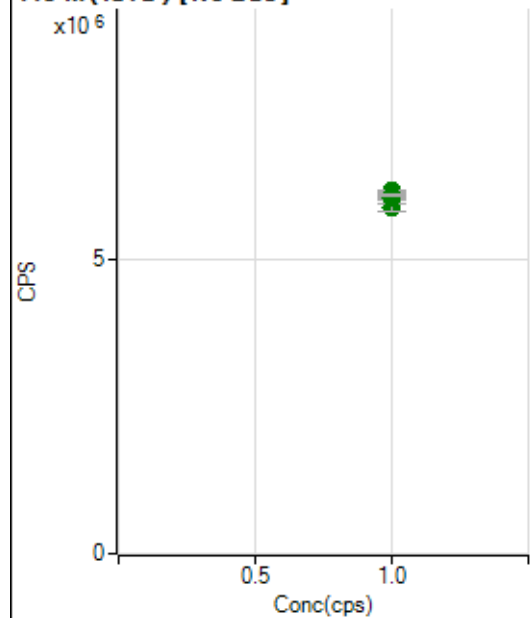
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		250488.72		P	0.4
2	☐	1.000					
3	☐	1.000		249342.45		P	0.4
4	☐	1.000		250685.81		P	0.5
5	☐	1.000		249425.66		P	1.4
6	☐	1.000		249780.46		P	0.3
7	☐	1.000		242176.87		P	0.5
8	☐	1.000		233604.82		P	3.1
9	☐	1.000		246242.09		P	2.4

103 Rh (ISTD) [No Gas]

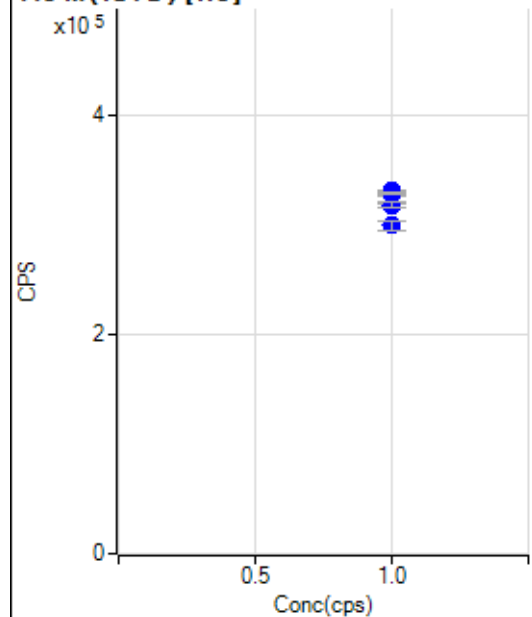
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5922357.25		A	2.1
2	☐	1.000					
3	☐	1.000		5632351.78		A	1.5
4	☐	1.000		5783161.41		A	0.6
5	☐	1.000		5760849.91		A	0.2
6	☐	1.000		5763651.65		A	0.6
7	☐	1.000		5806899.48		A	0.7
8	☐	1.000		5795126.04		A	0.5
9	☐	1.000		5542385.37		A	0.7

103 Rh (ISTD) [He]

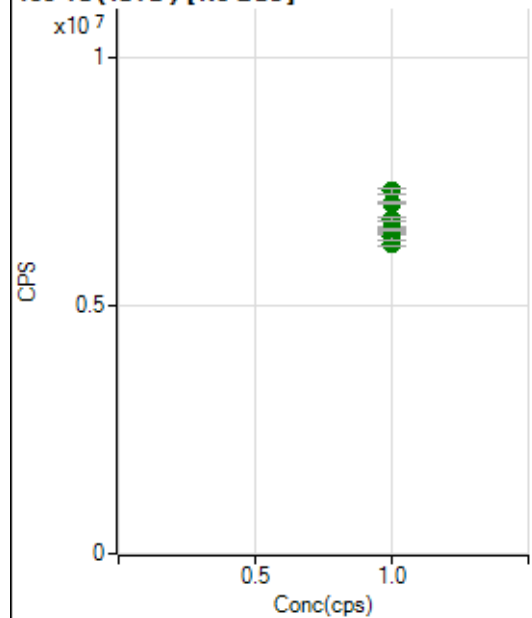
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1755180.88		A	0.3
2	☐	1.000					
3	☐	1.000		1720612.89		A	1.1
4	☐	1.000		1733927.40		A	0.8
5	☐	1.000		1715888.97		A	0.9
6	☐	1.000		1728673.12		A	0.7
7	☐	1.000		1677914.72		A	0.6
8	☐	1.000		1626682.70		A	2.5
9	☐	1.000		1602154.16		A	1.7

115 In (ISTD) [No Gas]

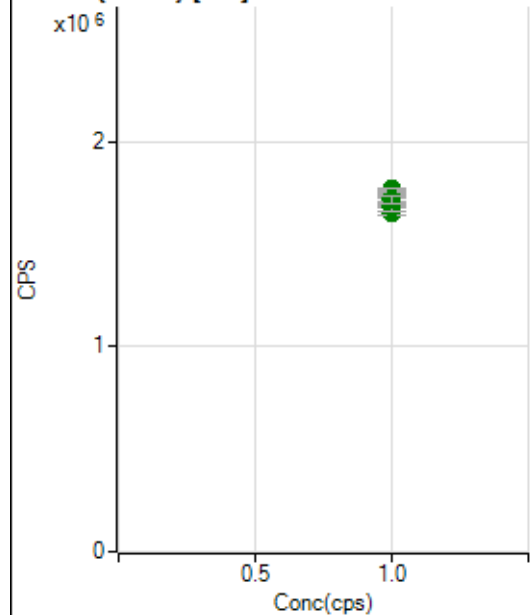
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6082242.40		A	2.0
2	☐	1.000					
3	☐	1.000		5861202.71		A	2.0
4	☐	1.000		6019180.60		A	1.2
5	☐	1.000		6034000.57		A	1.5
6	☐	1.000		6082520.16		A	0.1
7	☐	1.000		6132360.68		A	0.5
8	☐	1.000		6146367.92		A	0.5
9	☐	1.000		6068856.36		A	0.6

115 In (ISTD) [He]

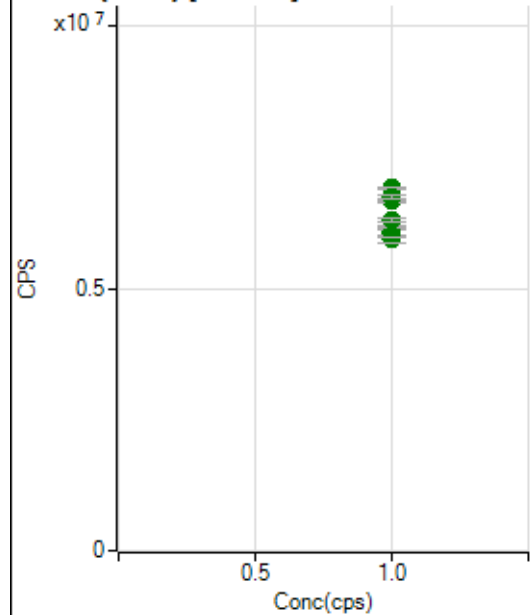
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		330260.81		P	0.6
2	☐	1.000					
3	☐	1.000		328703.43		P	0.4
4	☐	1.000		330662.14		P	0.5
5	☐	1.000		328157.49		P	1.3
6	☐	1.000		329201.04		P	0.7
7	☐	1.000		317156.89		P	0.7
8	☐	1.000		299354.01		P	3.1
9	☐	1.000		317892.31		P	1.9

159 Tb (ISTD) [No Gas]

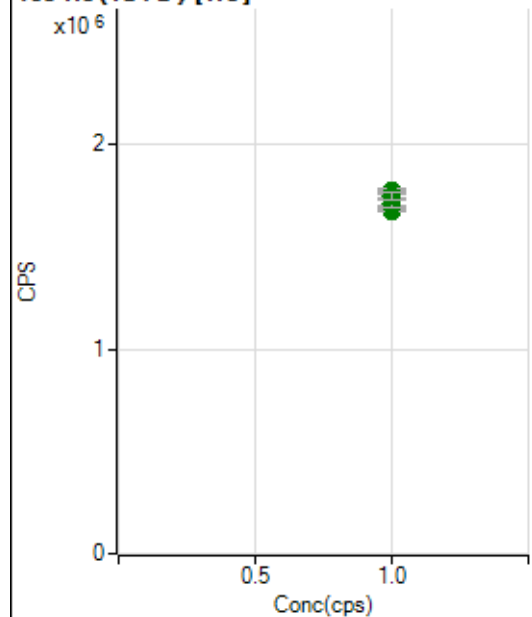
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6501529.56		A	2.2
2	☐	1.000					
3	☐	1.000		6255351.09		A	2.4
4	☐	1.000		6399120.81		A	2.0
5	☐	1.000		6534533.93		A	0.6
6	☐	1.000		6741220.45		A	0.7
7	☐	1.000		7069253.71		A	0.7
8	☐	1.000		7310452.67		A	1.3
9	☐	1.000		7069391.07		A	0.7

159 Tb (ISTD) [He]

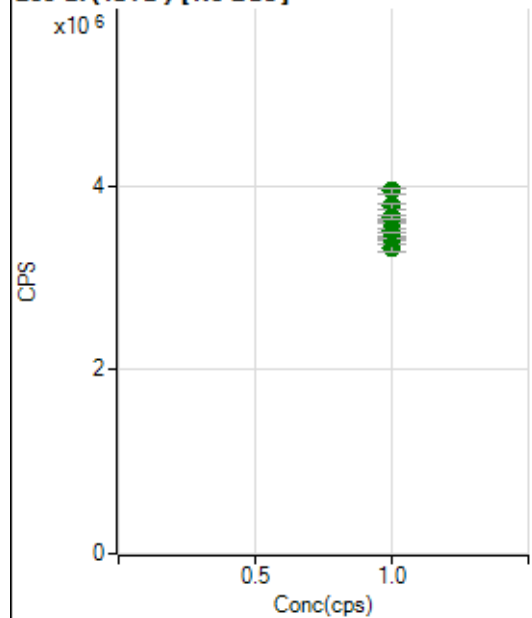
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1674768.64		A	1.8
2	☐	1.000					
3	☐	1.000		1649903.92		A	0.7
4	☐	1.000		1689841.07		A	1.6
5	☐	1.000		1679322.77		A	2.0
6	☐	1.000		1734599.51		A	1.0
7	☐	1.000		1768324.00		A	0.4
8	☐	1.000		1723467.40		A	3.6
9	☐	1.000		1714543.05		A	2.1

165 Ho (ISTD) [No Gas]

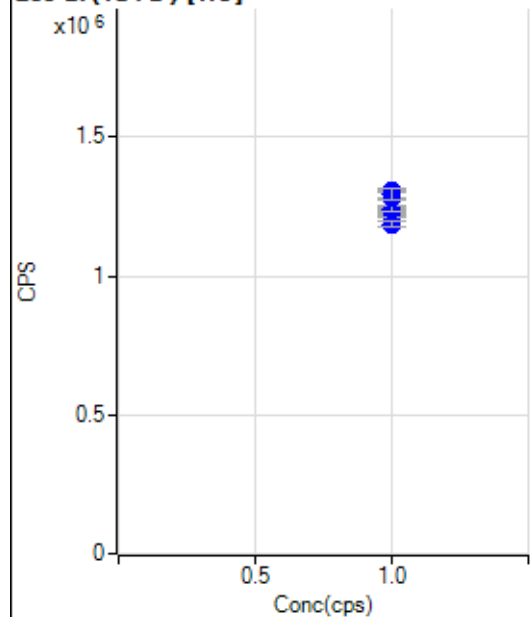
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6084935.94		A	2.5
2	☐	1.000					
3	☐	1.000		5922917.23		A	2.5
4	☐	1.000		6037255.34		A	2.3
5	☐	1.000		6170616.15		A	0.3
6	☐	1.000		6304068.81		A	1.0
7	☐	1.000		6667519.38		A	0.6
8	☐	1.000		6916378.54		A	0.9
9	☐	1.000		6752003.45		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1696799.96		A	0.3
2	☐	1.000					
3	☐	1.000		1678192.81		A	0.7
4	☐	1.000		1701889.91		A	0.4
5	☐	1.000		1709800.31		A	2.3
6	☐	1.000		1750960.11		A	0.8
7	☐	1.000		1774638.62		A	0.4
8	☐	1.000		1765793.22		A	2.9
9	☐	1.000		1745210.70		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3420952.80		A	1.1
2	☐	1.000					
3	☐	1.000		3331567.21		A	2.4
4	☐	1.000		3430322.62		A	0.2
5	☐	1.000		3516860.78		A	0.9
6	☐	1.000		3604272.79		A	0.7
7	☐	1.000		3775287.62		A	1.5
8	☐	1.000		3944404.04		A	1.4
9	☐	1.000		3652705.15		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1221960.01		P	0.6
2	☐	1.000					
3	☐	1.000		1211082.84		P	0.2
4	☐	1.000		1240482.53		P	0.6
5	☐	1.000		1242195.64		P	1.4
6	☐	1.000		1280164.32		P	0.7
7	☐	1.000		1306566.59		P	0.2
8	☐	1.000		1296612.05		P	3.1
9	☐	1.000		1186607.77		P	1.6

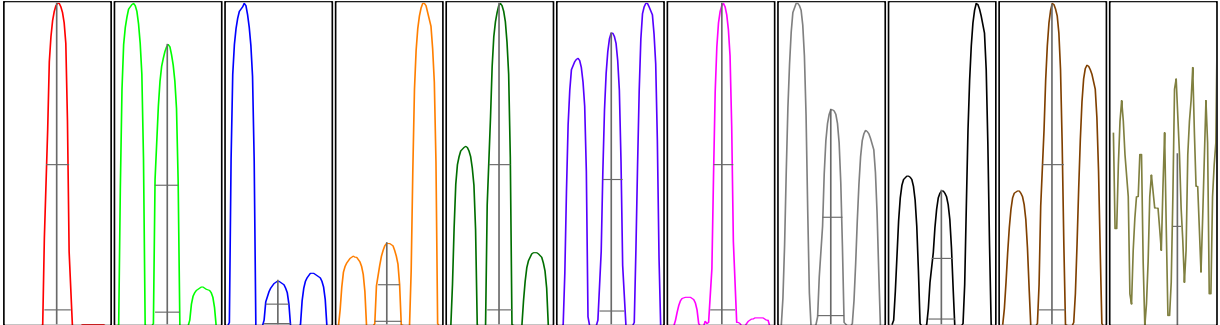
US EPA Tune Check Sample Report

Batch Folder D:\P8072517-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6150	1.42	5.00	
24	35801	0.73	5.00	
25	4908	0.94	5.00	
26	5765	0.65	5.00	
59	77501	0.81	5.00	
113	9270	0.65	5.00	
115	115789	1.33	5.00	
206	18345	0.86	5.00	
207	16494	0.54	5.00	
208	39739	0.71	5.00	
220	1	25.00		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6193	6258	6135	6140	6022
24	35952	36184	35587	35710	35572
25	4959	4951	4872	4903	4857
26	5794	5796	5767	5762	5703
59	77841	78451	76977	77158	77077
113	9305	9300	9176	9323	9246
115	116496	116939	113418	117015	115075
206	18229	18611	18305	18348	18230
207	16349	16583	16549	16486	16500
208	39402	39938	39528	40081	39744
220	2	1	1	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	10070	9.00	8.9 - 9.1		0.780	0.900	
24	57882	24.00	23.9 - 24.1		0.741	0.900	
25	7905	25.00	24.9 - 25.1		0.778	0.900	
26	9381	25.95	25.9 - 26.1		0.743	0.900	
59	129311	59.00	58.9 - 59.1		0.739	0.900	
113	17156	113.05	112.9 - 113.1		0.731	0.900	
115	213320	115.05	114.9 - 115.1		0.731	0.900	
206	32955	206.00	205.9 - 206.1		0.743	0.900	
207	29638	207.00	206.9 - 207.1		0.775	0.900	
208	70835	208.00	207.9 - 208.1		0.773	0.900	
220	2	220.40	-				

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	7.1	V	Deflect	13.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	10907	4.12	
89	2919	3.69	
205	12286	4.13	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11136	11116	11111	11069	10105
89	2975	2993	2951	2948	2729
205	12553	12577	12435	12480	11385

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	7.1	V	Deflect	2.4	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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	190	V			

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.04	0.00	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	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	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	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.05	-0.13	0.08	0.00	N/A	ppb
Boron	10-1	0.22	-0.08	-0.13	0.00	N/A	ppb
Cadmium	106-1	0.46	0.12	-0.57	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	111-1	0.03	0.01	-0.04	0.00	N/A	ppb
Calcium	43-1	-3.76	6.24	-2.48	0.00	N/A	ppb
Calcium	44-1	-0.74	-1.35	2.09	0.00	N/A	ppb
Chromium	52-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.07	-0.10	0.17	0.00	N/A	ppb
Iron	57-2	0.15	0.30	-0.46	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.45	0.31	0.14	0.00	N/A	ppb
Manganese	55-2	0.03	0.02	-0.04	0.00	N/A	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	25.36	-13.31	-0.51	3.85	512.02	ppb
Potassium	39-2	-2.68	1.70	0.98	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.51	1.01	0.00	N/A	ppb
Selenium	82-1	0.56	0.11	-0.67	0.00	N/A	ppb
Silicon	28-1	-1.08	-0.84	1.92	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	-1.34	1.36	-0.02	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-375.02	-122.69	116.45	-127.08		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-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				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.06	-0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

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

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.10	21.46	21.73	19.43	19.31	ppb
Antimony	121-1	1.90	2.01	1.89	1.93	3.71	ppb
Arsenic	75-2	0.98	0.83	0.89	0.90	8.05	ppb
Barium	135-1	9.93	9.74	9.50	9.72	2.18	ppb
Barium	137-1	9.59	10.15	9.48	9.74	3.66	ppb
Beryllium	9-1	1.04	0.95	0.95	0.98	5.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	20.21	21.89	21.24	21.11	4.03	ppb
Boron	10-1	20.28	24.58	19.59	21.48	12.58	ppb
Cadmium	106-1	1.52	1.54	1.49	1.52	1.62	ppb
Cadmium	108-1	0.81	0.84	0.98	0.88	10.09	ppb
Cadmium	111-1	0.97	1.04	1.11	1.04	6.52	ppb
Calcium	43-1	463.14	459.39	442.43	454.98	2.42	ppb
Calcium	44-1	444.37	463.82	439.68	449.29	2.85	ppb
Chromium	52-2	1.79	1.97	1.96	1.91	5.20	ppb
Cobalt	59-2	0.85	0.95	0.87	0.89	6.07	ppb
Copper	63-2	2.05	2.02	2.17	2.08	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	44.67	46.89	47.39	46.32	3.13	ppb
Iron	57-2	45.69	55.51	45.21	48.80	11.90	ppb
Lead	206-1	1.23	1.21	1.17	1.20	2.43	ppb
Lead	207-1	1.19	1.28	1.10	1.19	7.56	ppb
Lead	208-1	1.17	1.22	1.15	1.18	3.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	468.98	454.20	430.73	451.30	4.27	ppb
Manganese	55-2	0.80	1.06	1.13	1.00	17.75	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.53	4.64	4.39	4.52	2.78	ppb
Molybdenum	94-1	2.09	2.16	2.07	2.11	2.30	ppb
Molybdenum	95-1	4.58	4.69	4.42	4.56	2.95	ppb
Molybdenum	96-1	3.91	3.93	3.85	3.90	1.04	ppb
Molybdenum	97-1	4.41	4.70	4.38	4.49	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.02	0.88	0.92	9.00	ppb
Phosphorus	31-2	-13.17	27.35	-25.72	-3.85		ppb
Potassium	39-2	445.61	471.47	431.51	449.53	4.51	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	9.72	0.00	3.24	173.21	ppb
Selenium	78-2	5.60	6.17	6.12	5.96	5.30	ppb
Selenium	82-1	4.73	5.09	5.63	5.15	8.87	ppb
Silicon	28-1	14.31	18.32	12.32	14.98	20.38	ppb
Silver	109-1	1.21	1.22	1.23	1.22	0.95	ppb
Silver	107-1	1.17	1.23	1.17	1.19	2.71	ppb
Sodium	23-2	463.58	491.25	469.44	474.75	3.07	ppb
Strontium	86-1	0.84	1.12	0.90	0.95	15.17	ppb
Strontium	88-1	0.96	1.02	0.96	0.98	3.36	ppb
Sulfur	34-1	67.42	433.84	-120.01	127.08	221.67	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.94	0.91	0.98	0.94	3.54	ppb
Thallium	205-1	0.95	0.95	0.89	0.93	3.71	ppb
Tin	118-1	4.83	5.01	4.80	4.88	2.36	ppb
Titanium	47-1	4.62	4.79	4.82	4.74	2.30	ppb
Uranium	238-1	0.89	0.90	0.93	0.90	2.10	ppb
Vanadium	51-2	4.37	4.45	4.19	4.34	3.10	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2.06	2.17	1.95	2.06	5.41	ppb
Zirconium	90-1	0.98	1.01	0.96	0.98	2.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.97	0.98	0.96	2.26	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1026.92	979.60	990.78	999.10	2.48	ppb
Antimony	121-1	55.13	53.41	52.68	53.74	2.34	ppb
Arsenic	75-2	48.86	50.44	48.76	49.35	1.92	ppb
Barium	135-1	268.61	267.14	260.40	265.38	1.65	ppb
Barium	137-1	269.91	266.10	260.41	265.48	1.80	ppb
Beryllium	9-1	51.18	51.19	50.20	50.86	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	48.09	49.05	49.48	48.87	1.45	ppb
Boron	10-1	49.81	46.91	47.91	48.21	3.05	ppb
Cadmium	106-1	59.99	54.81	55.02	56.61	5.17	ppb
Cadmium	108-1	57.41	55.28	52.96	55.21	4.04	ppb
Cadmium	111-1	55.58	54.30	54.18	54.69	1.42	ppb
Calcium	43-1	4959.06	4954.23	4908.16	4940.48	0.57	ppb
Calcium	44-1	5020.18	5051.70	5055.10	5042.33	0.38	ppb
Chromium	52-2	50.59	50.39	49.11	50.03	1.61	ppb
Cobalt	59-2	50.11	50.07	48.96	49.71	1.31	ppb
Copper	63-2	101.75	102.04	98.85	100.88	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2583.77	2605.15	2548.92	2579.28	1.10	ppb
Iron	57-2	2610.49	2550.34	2503.50	2554.78	2.10	ppb
Lead	206-1	50.74	50.71	49.94	50.47	0.90	ppb
Lead	207-1	49.69	50.20	50.38	50.09	0.72	ppb
Lead	208-1	49.95	50.26	50.07	50.09	0.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	5172.46	5114.01	4973.21	5086.56	2.01	ppb
Manganese	55-2	104.48	102.66	98.75	101.96	2.88	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	50.66	50.07	50.23	50.32	0.61	ppb
Molybdenum	94-1	50.36	49.54	49.29	49.73	1.12	ppb
Molybdenum	95-1	51.40	49.71	49.70	50.27	1.94	ppb
Molybdenum	96-1	51.10	49.69	49.84	50.21	1.54	ppb
Molybdenum	97-1	50.19	49.75	49.95	49.96	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.97	51.41	49.56	50.98	2.47	ppb
Phosphorus	31-2	973.38	1079.26	1098.96	1050.53	6.43	ppb
Potassium	39-2	2558.32	2512.03	2458.47	2509.61	1.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	57.41	41.86	41.71	46.99	19.20	ppb
Selenium	78-2	53.03	50.49	38.11	47.21	16.91	ppb
Selenium	82-1	51.67	54.31	52.25	52.74	2.63	ppb
Silicon	28-1	68.56	69.75	67.73	68.68	1.48	ppb
Silver	109-1	57.11	54.94	54.90	55.65	2.27	ppb
Silver	107-1	56.66	55.06	54.99	55.57	1.70	ppb
Sodium	23-2	5139.46	5159.41	5010.83	5103.24	1.58	ppb
Strontium	86-1	51.97	50.81	50.94	51.24	1.24	ppb
Strontium	88-1	52.03	51.61	51.44	51.69	0.59	ppb
Sulfur	34-1	1427.93	1544.47	1304.07	1425.49	8.43	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	50.06	50.57	50.17	50.27	0.54	ppb
Thallium	205-1	51.16	51.23	50.75	51.05	0.52	ppb
Tin	118-1	55.53	54.66	53.73	54.64	1.65	ppb
Titanium	47-1	50.93	50.34	49.08	50.12	1.88	ppb
Uranium	238-1	48.12	48.71	48.44	48.42	0.62	ppb
Vanadium	51-2	49.93	50.11	49.40	49.81	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	103.36	101.67	98.93	101.32	2.21	ppb
Zirconium	90-1	49.36	49.25	49.41	49.34	0.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.06	48.02	48.71	48.60	1.09	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:25:18	DataFile Name :	007CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2500.28	2423.41	2508.19	2477.29	1.89	ppb
Antimony	121-1	133.21	131.81	134.63	133.22	1.06	ppb
Arsenic	75-2	123.33	128.70	124.76	125.60	2.21	ppb
Barium	135-1	658.37	650.96	662.07	657.13	0.86	ppb
Barium	137-1	655.59	665.17	671.95	664.24	1.24	ppb
Beryllium	9-1	125.62	125.35	127.13	126.03	0.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	121.94	122.88	125.23	123.35	1.37	ppb
Boron	10-1	123.42	126.53	125.69	125.21	1.29	ppb
Cadmium	106-1	134.74	134.64	134.87	134.75	0.09	ppb
Cadmium	108-1	137.98	132.64	135.87	135.50	1.98	ppb
Cadmium	111-1	135.05	134.54	134.79	134.80	0.19	ppb
Calcium	43-1	12256.07	12504.83	12318.71	12359.87	1.05	ppb
Calcium	44-1	12287.78	12499.24	12215.06	12334.02	1.20	ppb
Chromium	52-2	125.02	126.34	125.76	125.70	0.53	ppb
Cobalt	59-2	123.79	125.14	124.15	124.36	0.56	ppb
Copper	63-2	252.50	257.09	252.73	254.11	1.02	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	6344.78	6430.44	6379.72	6384.98	0.67	ppb
Iron	57-2	6460.50	6554.26	6464.67	6493.15	0.82	ppb
Lead	206-1	124.30	124.77	124.83	124.63	0.23	ppb
Lead	207-1	123.83	123.68	124.33	123.94	0.27	ppb
Lead	208-1	124.28	124.31	125.16	124.59	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	12640.61	12737.75	12649.57	12675.97	0.42	ppb
Manganese	55-2	253.38	259.14	258.10	256.88	1.19	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:25:18	DataFile Name :	007CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	124.76	124.87	125.97	125.20	0.53	ppb
Molybdenum	94-1	124.36	125.33	124.77	124.82	0.39	ppb
Molybdenum	95-1	125.25	124.29	124.32	124.62	0.44	ppb
Molybdenum	96-1	124.60	124.03	124.34	124.32	0.23	ppb
Molybdenum	97-1	124.75	124.97	125.83	125.18	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.99	127.93	126.59	126.17	1.59	ppb
Phosphorus	31-2	2582.41	2459.47	2700.44	2580.77	4.67	ppb
Potassium	39-2	6239.46	6426.72	6267.97	6311.38	1.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	137.27	173.48	134.51	148.42	14.65	ppb
Selenium	78-2	116.77	121.31	143.53	127.20	11.26	ppb
Selenium	82-1	130.57	129.40	127.16	129.04	1.35	ppb
Silicon	28-1	130.35	140.54	133.22	134.70	3.90	ppb
Silver	109-1	136.96	137.34	137.60	137.30	0.23	ppb
Silver	107-1	135.81	135.90	138.54	136.75	1.13	ppb
Sodium	23-2	12917.43	13096.81	12792.82	12935.69	1.18	ppb
Strontium	86-1	126.87	126.09	126.78	126.58	0.34	ppb
Strontium	88-1	129.25	130.84	130.14	130.08	0.61	ppb
Sulfur	34-1	3214.75	3474.10	3370.94	3353.26	3.89	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	125.87	123.50	124.48	124.61	0.96	ppb
Thallium	205-1	128.23	126.30	127.59	127.37	0.77	ppb
Tin	118-1	134.99	132.76	135.17	134.31	1.00	ppb
Titanium	47-1	125.61	127.41	124.90	125.97	1.02	ppb
Uranium	238-1	123.18	124.14	125.80	124.37	1.06	ppb
Vanadium	51-2	125.49	125.73	124.14	125.12	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	256.54	258.35	250.15	255.01	1.69	ppb
Zirconium	90-1	125.40	123.72	125.78	124.97	0.88	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:25:18	DataFile Name :	007CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	120.99	121.68	122.23	121.63	0.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4790.19	4836.26	4994.37	4873.61	2.20	ppb
Antimony	121-1	266.18	265.59	264.81	265.53	0.26	ppb
Arsenic	75-2	247.08	251.43	249.48	249.33	0.87	ppb
Barium	135-1	1310.83	1305.51	1293.77	1303.37	0.67	ppb
Barium	137-1	1287.80	1295.86	1271.44	1285.03	0.97	ppb
Beryllium	9-1	252.02	252.58	253.48	252.69	0.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	247.24	250.32	251.50	249.69	0.88	ppb
Boron	10-1	253.79	250.75	253.81	252.78	0.70	ppb
Cadmium	106-1	268.02	266.47	267.37	267.29	0.29	ppb
Cadmium	108-1	266.24	264.95	263.88	265.02	0.45	ppb
Cadmium	111-1	261.50	264.85	259.73	262.02	0.99	ppb
Calcium	43-1	24679.25	24736.41	24691.32	24702.33	0.12	ppb
Calcium	44-1	24455.45	24696.82	24398.76	24517.01	0.65	ppb
Chromium	52-2	245.22	246.85	255.26	249.11	2.16	ppb
Cobalt	59-2	244.73	243.39	251.95	246.69	1.87	ppb
Copper	63-2	492.78	497.44	513.08	501.10	2.12	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				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	12455.35	12548.05	12853.79	12619.06	1.65	ppb
Iron	57-2	12651.82	12771.45	13204.95	12876.07	2.26	ppb
Lead	206-1	246.18	248.01	248.27	247.49	0.46	ppb
Lead	207-1	246.00	246.95	245.41	246.12	0.31	ppb
Lead	208-1	251.71	251.59	251.38	251.56	0.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	24778.18	24925.47	25429.18	25044.28	1.36	ppb
Manganese	55-2	498.58	505.38	513.79	505.92	1.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	249.30	250.93	254.66	251.63	1.09	ppb
Molybdenum	94-1	251.96	254.54	251.89	252.79	0.60	ppb
Molybdenum	95-1	248.82	248.68	249.48	248.99	0.17	ppb
Molybdenum	96-1	249.15	246.64	251.20	249.00	0.92	ppb
Molybdenum	97-1	246.01	246.88	250.91	247.93	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.51	250.06	257.68	250.75	2.64	ppb
Phosphorus	31-2	5198.45	4873.02	4659.73	4910.40	5.52	ppb
Potassium	39-2	12098.23	12244.77	12702.06	12348.35	2.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	295.09	244.84	274.09	271.34	9.30	ppb
Selenium	78-2	270.71	239.77	268.08	259.52	6.61	ppb
Selenium	82-1	256.60	259.42	259.61	258.54	0.65	ppb
Silicon	28-1	262.04	264.72	270.15	265.64	1.56	ppb
Silver	109-1	267.17	272.93	271.67	270.59	1.12	ppb
Silver	107-1	272.22	272.02	273.28	272.51	0.25	ppb
Sodium	23-2	25134.08	25193.96	25847.71	25391.92	1.56	ppb
Strontium	86-1	251.96	252.37	253.79	252.71	0.38	ppb
Strontium	88-1	252.06	249.38	252.79	251.41	0.71	ppb
Sulfur	34-1	6273.27	6220.28	6199.64	6231.06	0.61	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	244.90	244.94	250.19	246.68	1.23	ppb
Thallium	205-1	252.15	250.42	257.34	253.31	1.42	ppb
Tin	118-1	266.54	266.40	264.15	265.70	0.50	ppb
Titanium	47-1	249.92	250.06	249.16	249.71	0.19	ppb
Uranium	238-1	247.26	248.64	247.86	247.92	0.28	ppb
Vanadium	51-2	242.03	243.95	251.11	245.70	1.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	494.44	501.78	512.78	503.00	1.84	ppb
Zirconium	90-1	248.71	248.27	248.08	248.36	0.13	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.83	244.71	244.82	245.46	0.49	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9686.13	9581.05	9925.68	9730.95	1.82	ppb
Antimony	121-1	509.00	505.11	508.53	507.54	0.42	ppb
Arsenic	75-2	492.59	493.15	499.70	495.15	0.80	ppb
Barium	135-1	2531.11	2537.28	2535.08	2534.49	0.12	ppb
Barium	137-1	2514.90	2496.62	2516.70	2509.41	0.44	ppb
Beryllium	9-1	495.98	498.23	496.53	496.91	0.24	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	488.32	500.31	502.63	497.08	1.55	ppb
Boron	10-1	480.13	502.27	501.47	494.63	2.54	ppb
Cadmium	106-1	519.89	503.58	508.21	510.56	1.65	ppb
Cadmium	108-1	516.77	512.71	503.20	510.89	1.36	ppb
Cadmium	111-1	507.22	500.65	505.47	504.45	0.67	ppb
Calcium	43-1	49226.31	49539.27	49038.66	49268.08	0.51	ppb
Calcium	44-1	48310.56	49333.99	48460.49	48701.68	1.13	ppb
Chromium	52-2	499.48	494.20	499.22	497.63	0.60	ppb
Cobalt	59-2	493.91	487.53	492.72	491.38	0.69	ppb
Copper	63-2	1017.69	1000.74	1015.33	1011.25	0.91	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				110		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	25297.42	24942.59	25403.96	25214.66	0.96	ppb
Iron	57-2	25355.53	25251.61	25804.10	25470.41	1.15	ppb
Lead	206-1	508.20	510.14	503.23	507.19	0.70	ppb
Lead	207-1	515.58	505.29	507.24	509.37	1.07	ppb
Lead	208-1	511.07	511.06	507.52	509.88	0.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	49824.99	50141.42	50246.67	50071.03	0.44	ppb
Manganese	55-2	1004.05	996.20	1008.89	1003.05	0.64	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	506.59	500.81	504.39	503.93	0.58	ppb
Molybdenum	94-1	508.54	501.75	500.41	503.57	0.86	ppb
Molybdenum	95-1	514.33	512.35	504.70	510.46	1.00	ppb
Molybdenum	96-1	510.23	504.00	503.54	505.92	0.74	ppb
Molybdenum	97-1	508.86	500.17	499.91	502.98	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.16	494.20	501.21	499.86	1.02	ppb
Phosphorus	31-2	10273.72	10049.03	9808.47	10043.74	2.32	ppb
Potassium	39-2	24459.56	23944.72	24482.81	24295.70	1.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	436.18	487.49	423.70	449.12	7.53	ppb
Selenium	78-2	541.08	517.30	470.76	509.71	7.02	ppb
Selenium	82-1	512.88	503.25	504.14	506.76	1.05	ppb
Silicon	28-1	512.71	520.71	512.36	515.26	0.92	ppb
Silver	109-1	518.44	505.35	515.91	513.23	1.35	ppb
Silver	107-1	514.53	506.11	512.22	510.96	0.85	ppb
Sodium	23-2	50024.00	49284.56	50263.54	49857.37	1.02	ppb
Strontium	86-1	512.33	502.41	508.88	507.88	0.99	ppb
Strontium	88-1	506.30	503.87	502.30	504.16	0.40	ppb
Sulfur	34-1	11649.75	11953.39	11709.05	11770.73	1.37	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	517.50	509.30	507.47	511.42	1.04	ppb
Thallium	205-1	508.77	505.54	505.06	506.46	0.40	ppb
Tin	118-1	510.38	509.60	509.97	509.98	0.08	ppb
Titanium	47-1	492.52	504.58	498.05	498.39	1.21	ppb
Uranium	238-1	498.05	496.92	494.67	496.55	0.35	ppb
Vanadium	51-2	500.43	491.94	497.16	496.51	0.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1001.86	988.34	999.44	996.55	0.72	ppb
Zirconium	90-1	496.13	492.73	492.64	493.83	0.40	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.63	498.82	495.22	499.56	0.95	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:35:13	DataFile Name :	010CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18658.63	19111.19	19915.73	19228.52	3.31	ppb
Antimony	121-1	978.79	994.77	999.84	991.13	1.11	ppb
Arsenic	75-2	1001.81	973.69	1032.16	1002.55	2.92	ppb
Barium	135-1	4939.23	4920.06	5034.59	4964.63	1.24	ppb
Barium	137-1	4933.64	4944.52	5064.42	4980.86	1.46	ppb
Beryllium	9-1	1006.95	995.16	999.99	1000.70	0.59	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	11-1	996.16	996.80	1012.73	1001.90	0.94	ppb
Boron	10-1	986.55	1006.88	1012.99	1002.14	1.38	ppb
Cadmium	106-1	981.90	986.61	998.03	988.85	0.84	ppb
Cadmium	108-1	983.77	983.03	1000.88	989.23	1.02	ppb
Cadmium	111-1	991.75	980.22	1007.96	993.31	1.40	ppb
Calcium	43-1	99268.93	97781.41	100569.81	99206.72	1.41	ppb
Calcium	44-1	96495.73	96907.03	97991.39	97131.38	0.80	ppb
Chromium	52-2	976.66	996.37	1030.92	1001.32	2.74	ppb
Cobalt	59-2	969.11	997.11	1049.47	1005.23	4.06	ppb
Copper	63-2	1930.73	1976.36	2073.53	1993.54	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	49132.22	50179.36	52234.96	50515.51	3.12	ppb
Iron	57-2	49568.62	50867.47	52915.54	51117.21	3.30	ppb
Lead	206-1	993.62	986.00	1011.54	997.05	1.32	ppb
Lead	207-1	991.89	986.86	1010.47	996.41	1.25	ppb
Lead	208-1	991.78	980.56	1011.80	994.72	1.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	95266.94	98100.89	102836.14	98734.66	3.87	ppb
Manganese	55-2	1947.73	1976.69	2063.69	1996.04	3.02	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:35:13	DataFile Name :	010CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	985.18	1000.18	1007.41	997.59	1.14	ppb
Molybdenum	94-1	989.98	1007.13	995.59	997.57	0.88	ppb
Molybdenum	95-1	982.20	1001.30	1001.67	995.06	1.12	ppb
Molybdenum	96-1	981.47	1008.61	1002.03	997.37	1.42	ppb
Molybdenum	97-1	988.19	1008.08	1000.75	999.01	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	967.45	990.63	1040.98	999.69	3.76	ppb
Phosphorus	31-2	19460.72	20111.20	20391.80	19987.91	2.39	ppb
Potassium	39-2	47080.57	47818.94	50200.32	48366.61	3.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	933.05	1009.28	1109.67	1017.33	8.71	ppb
Selenium	78-2	956.14	988.66	1033.07	992.62	3.89	ppb
Selenium	82-1	980.65	1005.04	995.84	993.84	1.24	ppb
Silicon	28-1	977.36	982.02	999.41	986.26	1.18	ppb
Silver	109-1	978.99	978.98	1001.28	986.42	1.30	ppb
Silver	107-1	970.56	989.88	1001.01	987.15	1.56	ppb
Sodium	23-2	96532.55	98114.50	102560.87	99069.31	3.15	ppb
Strontium	86-1	984.90	1003.84	996.63	995.13	0.96	ppb
Strontium	88-1	987.39	1010.01	993.15	996.85	1.18	ppb
Sulfur	34-1	18404.43	18891.42	18740.95	18678.94	1.33	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	991.07	990.85	1003.54	995.15	0.73	ppb
Thallium	205-1	994.39	985.97	1006.42	995.59	1.03	ppb
Tin	118-1	982.22	984.80	1002.05	989.69	1.09	ppb
Titanium	47-1	992.78	1002.55	1006.93	1000.75	0.72	ppb
Uranium	238-1	1004.61	987.73	1014.87	1002.40	1.37	ppb
Vanadium	51-2	975.17	993.45	1039.83	1002.82	3.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	1944.49	1993.13	2063.23	2000.28	2.98	ppb
Zirconium	90-1	991.33	1017.12	1002.14	1003.53	1.29	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:35:13	DataFile Name :	010CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	991.46	1017.72	996.36	1001.85	1.39	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99282.72	101860.63	99420.95	100188.10	1.45	ppb
Antimony	121-1	2.55	2.60	2.62	2.59	1.37	ppb
Arsenic	75-2	0.72	0.69	0.75	0.72	3.80	ppb
Barium	135-1	2.65	2.83	2.69	2.72	3.55	ppb
Barium	137-1	2.68	2.54	2.63	2.62	2.83	ppb
Beryllium	9-1	0.41	0.31	0.43	0.38	16.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	11-1	37.21	33.08	31.57	33.96	8.60	ppb
Boron	10-1	35.82	34.85	30.49	33.72	8.42	ppb
Cadmium	106-1	0.18	0.19	-0.19	0.06	360.14	ppb
Cadmium	108-1	0.53	0.51	0.30	0.45	28.05	ppb
Cadmium	111-1	0.37	0.31	0.35	0.34	8.73	ppb
Calcium	43-1	500430.44	501897.28	498424.90	500250.88	0.35	ppb
Calcium	44-1	503446.82	497812.99	500934.64	500731.48	0.56	ppb
Chromium	52-2	30.39	30.69	30.73	30.60	0.61	ppb
Cobalt	59-2	1.67	1.74	1.72	1.71	2.21	ppb
Copper	63-2	4.36	4.37	4.30	4.34	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				111		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	249364.06	252405.32	247826.56	249865.31	0.93	ppb
Iron	57-2	250855.60	251856.38	246400.28	249704.09	1.16	ppb
Lead	206-1	2.50	2.51	2.62	2.54	2.68	ppb
Lead	207-1	2.40	2.39	2.34	2.37	1.29	ppb
Lead	208-1	2.43	2.48	2.44	2.45	1.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	497393.01	505525.53	497797.07	500238.54	0.92	ppb
Manganese	55-2	10.41	11.13	11.35	10.96	4.49	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CAL5_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.20	5.29	5.35	5.28	1.38	ppb
Molybdenum	94-1	2.32	2.26	2.25	2.28	1.56	ppb
Molybdenum	95-1	5.19	5.20	5.23	5.20	0.41	ppb
Molybdenum	96-1	4.87	4.97	5.17	5.00	3.03	ppb
Molybdenum	97-1	5.29	5.05	5.17	5.17	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.98	17.20	17.03	17.07	0.66	ppb
Phosphorus	31-2	1.57	29.27	-12.29	6.18	342.28	ppb
Potassium	39-2	247373.11	253758.46	250077.91	250403.16	1.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	3.26	3.34	0.00	2.20	86.62	ppb
Selenium	78-2	0.02	1.64	0.00	0.55	171.17	ppb
Selenium	82-1	0.86	2.03	1.09	1.33	46.66	ppb
Silicon	28-1	22.60	21.51	21.85	21.98	2.53	ppb
Silver	109-1	0.33	0.30	0.30	0.31	5.27	ppb
Silver	107-1	0.28	0.29	0.29	0.29	1.16	ppb
Sodium	23-2	497949.09	506273.10	496284.53	500168.91	1.07	ppb
Strontium	86-1	35.53	34.37	35.34	35.08	1.78	ppb
Strontium	88-1	35.34	35.73	35.70	35.59	0.60	ppb
Sulfur	34-1	-642.10	-860.71	-472.87	-658.56		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.94	0.91	0.93	2.73	ppb
Thallium	205-1	0.94	0.94	0.84	0.90	6.27	ppb
Tin	118-1	1.92	1.87	1.77	1.85	4.11	ppb
Titanium	47-1	1.59	1.55	1.82	1.65	8.57	ppb
Uranium	238-1	0.86	0.89	0.87	0.87	1.65	ppb
Vanadium	51-2	0.86	0.80	0.83	0.83	3.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	18.31	17.34	17.91	17.85	2.75	ppb
Zirconium	90-1	0.80	0.78	0.82	0.80	2.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CALS_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.78	0.82	0.82	5.27	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.39	498.10	462.47	477.32	3.88	ppb
Antimony	121-1	202.59	205.58	207.51	205.23	1.21	ppb
Arsenic	75-2	191.74	193.71	191.15	192.20	0.70	ppb
Barium	135-1	102.97	103.08	103.74	103.26	0.40	ppb
Barium	137-1	101.48	103.38	104.82	103.23	1.62	ppb
Beryllium	9-1	97.14	96.60	98.14	97.29	0.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	447.85	461.75	476.91	462.17	3.15	ppb
Boron	10-1	450.41	467.32	472.60	463.44	2.50	ppb
Cadmium	106-1	152.21	148.82	148.50	149.84	1.37	ppb
Cadmium	108-1	124.97	127.17	127.95	126.70	1.22	ppb
Cadmium	111-1	105.85	104.29	105.17	105.10	0.74	ppb
Calcium	43-1	2057.34	2100.35	2094.60	2084.10	1.12	ppb
Calcium	44-1	2058.20	2049.16	2045.88	2051.08	0.31	ppb
Chromium	52-2	94.96	93.80	93.38	94.05	0.87	ppb
Cobalt	59-2	96.73	95.50	94.63	95.62	1.10	ppb
Copper	63-2	98.03	97.56	95.92	97.17	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	978.91	974.97	960.13	971.34	1.02	ppb
Iron	57-2	1016.93	983.67	974.85	991.82	2.24	ppb
Lead	206-1	199.28	198.93	198.88	199.03	0.11	ppb
Lead	207-1	189.46	188.80	190.86	189.71	0.55	ppb
Lead	208-1	197.18	196.41	198.73	197.44	0.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	1151.69	1129.09	1153.79	1144.86	1.20	ppb
Manganese	55-2	97.63	96.67	96.50	96.93	0.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	458.31	461.39	477.44	465.71	2.21	ppb
Molybdenum	94-1	474.23	473.50	489.45	479.06	1.88	ppb
Molybdenum	95-1	460.24	467.38	479.40	469.01	2.06	ppb
Molybdenum	96-1	466.13	456.70	478.36	467.06	2.33	ppb
Molybdenum	97-1	451.62	450.40	464.74	455.59	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.80	98.72	96.85	97.79	0.96	ppb
Phosphorus	31-2	-25.72	-13.21	-13.36	-17.43		ppb
Potassium	39-2	1963.71	1896.34	1953.36	1937.81	1.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	188.10	245.46	153.81	195.79	23.65	ppb
Selenium	78-2	203.01	224.22	198.79	208.68	6.53	ppb
Selenium	82-1	198.41	199.31	206.62	201.45	2.23	ppb
Silicon	28-1	443.30	441.55	448.88	444.58	0.86	ppb
Silver	109-1	104.54	105.62	106.15	105.44	0.78	ppb
Silver	107-1	104.76	105.00	106.61	105.45	0.96	ppb
Sodium	23-2	2105.90	2091.11	2045.06	2080.69	1.52	ppb
Strontium	86-1	465.31	467.00	493.30	475.20	3.30	ppb
Strontium	88-1	468.80	469.45	479.10	472.45	1.22	ppb
Sulfur	34-1	-1352.33	-1315.49	-1184.54	-1284.12		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	198.17	196.72	199.32	198.07	0.66	ppb
Thallium	205-1	205.74	204.55	204.95	205.08	0.30	ppb
Tin	118-1	486.27	489.72	494.06	490.01	0.80	ppb
Titanium	47-1	453.70	453.82	459.87	455.79	0.77	ppb
Uranium	238-1	468.17	469.30	469.42	468.97	0.15	ppb
Vanadium	51-2	95.25	93.94	93.89	94.36	0.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	198.78	198.66	199.28	198.91	0.17	ppb
Zirconium	90-1	475.05	474.80	489.73	479.86	1.78	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.62	474.26	487.89	480.59	1.43	ppb

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:44:47 DataFile Name : 013CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	2.12	2.32	1.50	83.46	ppb
Antimony	121-1	0.09	0.09	0.10	0.10	9.25	ppb
Arsenic	75-2	0.02	0.06	0.05	0.04	46.65	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.07	0.05	0.04	0.05	29.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	21.40	20.21	18.88	20.16	6.25	ppb
Boron	10-1	19.72	19.75	18.89	19.45	2.52	ppb
Cadmium	106-1	-0.59	0.00	-0.14	-0.24		ppb
Cadmium	108-1	-0.01	-0.04	0.07	0.01	791.56	ppb
Cadmium	111-1	-0.04	0.00	-0.01	-0.02		ppb
Calcium	43-1	14.49	13.62	8.60	12.24	25.97	ppb
Calcium	44-1	18.91	21.51	16.09	18.84	14.40	ppb
Chromium	52-2	-0.02	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.02	0.02	0.03	0.02	25.40	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.99	0.65	0.81	0.82	20.64	ppb
Iron	57-2	0.45	-0.10	2.97	1.11	147.95	ppb
Lead	206-1	0.10	0.09	0.10	0.10	5.70	ppb
Lead	207-1	0.13	0.13	0.10	0.12	14.36	ppb
Lead	208-1	0.12	0.11	0.10	0.11	8.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.65	1.62	1.52	1.93	32.38	ppb
Manganese	55-2	0.10	-0.03	-0.04	0.01	810.94	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:44:47	DataFile Name :	013CCBE_P8072517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.02	0.02	0.02	23.58	ppb
Molybdenum	94-1	0.03	0.01	0.02	0.02	62.13	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	17.08	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	53.30	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	30.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.00	-0.01		ppb
Phosphorus	31-2	25.66	-12.88	0.96	4.58	426.11	ppb
Potassium	39-2	14.88	24.06	26.46	21.80	28.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	3.32	1.11	173.21	ppb
Selenium	78-2	-0.52	0.99	0.04	0.17	449.66	ppb
Selenium	82-1	0.59	-0.51	0.63	0.24	273.60	ppb
Silicon	28-1	-9.06	-10.32	-11.16	-10.18		ppb
Silver	109-1	0.02	0.02	0.03	0.03	13.43	ppb
Silver	107-1	0.01	0.02	0.03	0.02	40.83	ppb
Sodium	23-2	63.59	64.85	68.06	65.50	3.52	ppb
Strontium	86-1	-0.02	-0.07	0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	60.97	ppb
Sulfur	34-1	-1522.27	-1416.84	-1492.28	-1477.13		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.19	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	11.28	ppb
Tin	118-1	0.15	0.15	0.14	0.15	5.63	ppb
Titanium	47-1	-0.02	0.01	0.02	0.00	578.03	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	64.18	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	298.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.15	0.17	0.11	70.47	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	27.80	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:44:47	DataFile Name :	013CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.02	0.02	72.37	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:47:57	DataFile Name :	014ICSA_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87639.67	97080.41	89681.15	91467.08	5.43	ppb
Antimony	121-1	1.26	1.25	1.23	1.24	1.02	ppb
Arsenic	75-2	0.37	0.43	0.22	0.34	31.25	ppb
Barium	135-1	1.48	1.47	1.61	1.52	5.21	ppb
Barium	137-1	1.42	1.54	1.42	1.46	4.64	ppb
Beryllium	9-1	0.32	0.29	0.23	0.28	16.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	11-1	14.32	14.58	13.04	13.98	5.91	ppb
Boron	10-1	13.72	15.20	13.07	14.00	7.79	ppb
Cadmium	106-1	-0.40	-0.61	-0.74	-0.58		ppb
Cadmium	108-1	6.72	6.60	7.23	6.85	4.88	ppb
Cadmium	111-1	0.20	0.27	0.19	0.22	18.89	ppb
Calcium	43-1	93378.97	94269.41	92274.24	93307.54	1.07	ppb
Calcium	44-1	92715.06	92400.16	91978.35	92364.52	0.40	ppb
Chromium	52-2	18.48	20.80	18.88	19.38	6.40	ppb
Cobalt	59-2	1.02	1.18	0.97	1.06	10.62	ppb
Copper	63-2	7.38	7.96	7.76	7.70	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	93732.28	103454.52	95135.97	97440.92	5.39	ppb
Iron	57-2	96058.59	104255.39	98755.14	99689.71	4.19	ppb
Lead	206-1	4.83	4.85	4.62	4.77	2.65	ppb
Lead	207-1	4.19	4.09	4.07	4.11	1.51	ppb
Lead	208-1	4.42	4.40	4.31	4.38	1.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	92055.58	101485.37	94415.54	95985.50	5.11	ppb
Manganese	55-2	7.60	8.52	8.15	8.09	5.68	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:47:57	DataFile Name :	014ICSA_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1859.22	1846.78	1848.92	1851.64	0.36	ppb
Molybdenum	94-1	611.94	606.86	602.73	607.18	0.76	ppb
Molybdenum	95-1	1838.30	1855.57	1826.80	1840.22	0.79	ppb
Molybdenum	96-1	1544.71	1563.71	1558.85	1555.76	0.63	ppb
Molybdenum	97-1	1840.55	1849.67	1837.78	1842.66	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.85	5.15	5.41	7.03	ppb
Phosphorus	31-2	91958.82	102473.01	94018.43	96150.09	5.79	ppb
Potassium	39-2	94855.55	104391.80	95953.62	98400.32	5.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.46	0.53	-0.15		ppb
Selenium	82-1	0.41	0.65	0.64	0.56	24.30	ppb
Silicon	28-1	22.04	21.50	21.13	21.56	2.14	ppb
Silver	109-1	0.19	0.19	0.19	0.19	0.42	ppb
Silver	107-1	0.17	0.18	0.18	0.18	3.16	ppb
Sodium	23-2	93734.44	103025.87	96349.64	97703.32	4.90	ppb
Strontium	86-1	32.92	32.82	32.83	32.86	0.17	ppb
Strontium	88-1	33.56	33.48	33.47	33.50	0.14	ppb
Sulfur	34-1	86548.42	85825.76	85307.82	85894.00	0.73	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.18	0.16	0.15	15.98	ppb
Thallium	205-1	0.14	0.18	0.19	0.17	12.89	ppb
Tin	118-1	0.36	0.36	0.37	0.36	1.72	ppb
Titanium	47-1	1874.25	1878.16	1865.98	1872.80	0.33	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	17.89	ppb
Vanadium	51-2	0.18	0.16	0.11	0.15	21.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	11.38	11.70	11.10	11.39	2.67	ppb
Zirconium	90-1	0.44	0.41	0.39	0.41	6.42	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:47:57	DataFile Name :	014ICSA_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.39	0.34	0.41	19.31	ppb

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:51:03 DataFile Name : 015ICSB_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93669.33	90091.42	88253.90	90671.55	3.04	ppb
Antimony	121-1	20.88	21.01	20.93	20.94	0.32	ppb
Arsenic	75-2	19.88	19.18	18.79	19.28	2.84	ppb
Barium	135-1	21.47	21.32	21.67	21.48	0.82	ppb
Barium	137-1	21.94	21.66	21.88	21.83	0.68	ppb
Beryllium	9-1	20.06	19.82	20.22	20.03	0.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	11-1	58.82	60.58	59.01	59.47	1.63	ppb
Boron	10-1	59.79	58.12	57.79	58.57	1.82	ppb
Cadmium	106-1	21.28	22.64	23.30	22.41	4.60	ppb
Cadmium	108-1	26.68	25.55	29.49	27.24	7.44	ppb
Cadmium	111-1	19.85	19.46	19.68	19.66	1.00	ppb
Calcium	43-1	93607.10	94887.32	94713.84	94402.76	0.74	ppb
Calcium	44-1	92425.92	93204.99	93320.79	92983.90	0.52	ppb
Chromium	52-2	40.64	38.86	37.61	39.04	3.91	ppb
Cobalt	59-2	21.29	20.66	20.21	20.72	2.62	ppb
Copper	63-2	29.04	27.03	27.13	27.73	4.08	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				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	100418.15	96341.10	94690.08	97149.78	3.03	ppb
Iron	57-2	102640.96	99852.47	97488.82	99994.08	2.58	ppb
Lead	206-1	24.84	24.78	24.65	24.75	0.40	ppb
Lead	207-1	22.76	22.79	22.71	22.75	0.17	ppb
Lead	208-1	23.58	23.44	23.70	23.57	0.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	99136.16	94410.69	93006.66	95517.84	3.36	ppb
Manganese	55-2	28.14	28.04	27.02	27.73	2.24	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:51:03	DataFile Name :	015ICSB_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1886.70	1914.88	1883.00	1894.86	0.92	ppb
Molybdenum	94-1	660.83	654.21	649.06	654.70	0.90	ppb
Molybdenum	95-1	1900.50	1886.87	1865.54	1884.30	0.94	ppb
Molybdenum	96-1	1612.30	1597.56	1601.58	1603.81	0.48	ppb
Molybdenum	97-1	1894.66	1900.17	1881.65	1892.16	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.56	25.03	24.33	24.97	2.46	ppb
Phosphorus	31-2	100268.45	94197.35	91931.68	95465.83	4.52	ppb
Potassium	39-2	101939.49	96336.57	95847.87	98041.31	3.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	20.38	19.82	22.77	20.99	7.46	ppb
Selenium	78-2	15.66	14.68	23.71	18.02	27.51	ppb
Selenium	82-1	19.05	19.16	19.00	19.07	0.44	ppb
Silicon	28-1	84.06	92.23	86.78	87.69	4.74	ppb
Silver	109-1	19.05	18.66	19.05	18.92	1.18	ppb
Silver	107-1	19.03	18.71	18.75	18.83	0.92	ppb
Sodium	23-2	101843.67	96810.67	94597.63	97750.66	3.80	ppb
Strontium	86-1	80.78	81.16	80.79	80.91	0.27	ppb
Strontium	88-1	82.71	83.21	83.02	82.98	0.30	ppb
Sulfur	34-1	84769.66	85111.31	85768.48	85216.48	0.60	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	19.94	19.95	19.72	19.87	0.65	ppb
Thallium	205-1	20.45	20.33	20.01	20.26	1.13	ppb
Tin	118-1	48.60	48.93	48.82	48.78	0.34	ppb
Titanium	47-1	1894.93	1924.83	1914.83	1911.53	0.80	ppb
Uranium	238-1	47.28	46.92	46.53	46.91	0.80	ppb
Vanadium	51-2	20.56	19.49	18.79	19.61	4.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	31.63	30.15	30.73	30.84	2.43	ppb
Zirconium	90-1	50.99	51.20	49.97	50.72	1.30	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:51:03	DataFile Name :	015ICSB_P8072517-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.02	50.61	49.24	49.96	1.38	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48791.36	47870.48	48688.75	48450.20	1.04	ppb
Antimony	121-1	495.78	499.17	495.68	496.87	0.40	ppb
Arsenic	75-2	475.49	471.76	473.24	473.50	0.40	ppb
Barium	135-1	2495.77	2512.84	2526.16	2511.59	0.61	ppb
Barium	137-1	2464.28	2473.10	2479.06	2472.15	0.30	ppb
Beryllium	9-1	493.32	492.79	489.71	491.94	0.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	495.30	501.34	509.11	501.92	1.38	ppb
Boron	10-1	502.76	510.47	501.46	504.90	0.96	ppb
Cadmium	106-1	486.82	489.65	489.47	488.65	0.32	ppb
Cadmium	108-1	489.84	498.96	493.65	494.15	0.93	ppb
Cadmium	111-1	485.00	486.32	488.70	486.67	0.39	ppb
Calcium	43-1	238623.82	236088.41	237346.26	237352.83	0.53	ppb
Calcium	44-1	239562.32	236661.64	235575.58	237266.51	0.87	ppb
Chromium	52-2	489.77	492.67	488.77	490.40	0.41	ppb
Cobalt	59-2	465.48	462.41	463.96	463.95	0.33	ppb
Copper	63-2	937.38	936.50	935.92	936.60	0.08	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				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	117326.42	116461.79	116536.25	116774.82	0.41	ppb
Iron	57-2	120856.70	117898.77	118998.53	119251.33	1.25	ppb
Lead	206-1	503.49	494.39	505.95	501.28	1.22	ppb
Lead	207-1	494.29	494.10	497.27	495.22	0.36	ppb
Lead	208-1	499.12	495.98	501.47	498.85	0.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	235205.30	233742.68	235735.08	234894.36	0.44	ppb
Manganese	55-2	974.97	977.78	979.10	977.28	0.22	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	492.56	493.82	495.60	494.00	0.31	ppb
Molybdenum	94-1	487.83	491.51	495.17	491.50	0.75	ppb
Molybdenum	95-1	484.78	500.22	499.36	494.79	1.75	ppb
Molybdenum	96-1	487.55	493.14	492.64	491.11	0.63	ppb
Molybdenum	97-1	495.92	494.57	494.05	494.85	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.06	473.35	468.88	471.43	0.49	ppb
Phosphorus	31-2	9666.31	10234.99	10000.13	9967.14	2.87	ppb
Potassium	39-2	119962.91	119591.97	120573.02	120042.63	0.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	494.57	546.70	446.17	495.81	10.14	ppb
Selenium	78-2	473.43	490.06	474.24	479.24	1.96	ppb
Selenium	82-1	477.76	483.99	488.58	483.44	1.12	ppb
Silicon	28-1	484.95	486.18	487.66	486.26	0.28	ppb
Silver	109-1	493.95	494.04	493.57	493.85	0.05	ppb
Silver	107-1	487.95	496.38	500.89	495.07	1.33	ppb
Sodium	23-2	237155.23	238796.35	237948.85	237966.81	0.34	ppb
Strontium	86-1	508.55	512.91	513.56	511.67	0.53	ppb
Strontium	88-1	506.91	501.38	508.26	505.52	0.72	ppb
Sulfur	34-1	9359.12	9623.46	9508.61	9497.06	1.40	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	504.95	505.16	508.67	506.26	0.41	ppb
Thallium	205-1	505.06	504.77	506.21	505.35	0.15	ppb
Tin	118-1	501.46	506.68	504.06	504.07	0.52	ppb
Titanium	47-1	484.50	476.51	475.83	478.95	1.01	ppb
Uranium	238-1	497.18	501.82	499.70	499.57	0.46	ppb
Vanadium	51-2	481.34	484.94	481.21	482.49	0.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	932.16	936.16	933.28	933.86	0.22	ppb
Zirconium	90-1	476.27	483.19	486.23	481.90	1.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.28	490.37	495.58	490.41	1.05	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	0.04	1.02	1.02	96.10	ppb
Antimony	121-1	0.14	0.15	0.14	0.14	4.61	ppb
Arsenic	75-2	0.01	0.06	0.07	0.04	73.80	ppb
Barium	135-1	0.01	0.00	0.00	0.00	346.02	ppb
Barium	137-1	0.00	0.00	0.02	0.00	187.22	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	26.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	13.76	14.11	11.92	13.26	8.86	ppb
Boron	10-1	15.19	14.30	11.70	13.73	13.21	ppb
Cadmium	106-1	0.30	0.14	-0.39	0.02	1921.76	ppb
Cadmium	108-1	0.04	0.02	0.04	0.03	44.94	ppb
Cadmium	111-1	0.02	0.02	-0.03	0.00	1151.81	ppb
Calcium	43-1	25.92	7.53	24.10	19.18	52.83	ppb
Calcium	44-1	26.73	24.95	22.89	24.85	7.74	ppb
Chromium	52-2	-0.04	0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.09	0.04	0.07	40.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	1.18	1.11	1.41	1.23	12.72	ppb
Iron	57-2	0.35	3.23	0.38	1.32	125.35	ppb
Lead	206-1	0.06	0.07	0.05	0.06	21.97	ppb
Lead	207-1	0.09	0.07	0.05	0.07	30.85	ppb
Lead	208-1	0.07	0.07	0.05	0.06	13.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.15	0.78	1.36	1.43	48.26	ppb
Manganese	55-2	0.03	-0.04	-0.04	-0.02		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.04	0.04	0.03	27.07	ppb
Molybdenum	94-1	0.06	0.04	0.04	0.05	28.52	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	27.50	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.04	17.40	ppb
Molybdenum	97-1	0.03	0.05	0.06	0.05	30.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-0.62	-0.17	12.13	3.78	191.39	ppb
Potassium	39-2	34.56	22.42	30.99	29.32	21.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	3.15	0.00	1.05	173.21	ppb
Selenium	78-2	0.96	-0.02	1.48	0.81	93.97	ppb
Selenium	82-1	-0.18	-0.01	0.11	-0.03		ppb
Silicon	28-1	-12.48	-12.98	-13.34	-12.93		ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.75	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.44	ppb
Sodium	23-2	85.23	86.97	91.28	87.83	3.54	ppb
Strontium	86-1	-0.02	-0.07	0.00	-0.03		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.40	ppb
Sulfur	34-1	-2094.51	-2015.41	-2021.05	-2043.65		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.07	0.08	0.08	23.01	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	4.76	ppb
Tin	118-1	0.08	0.11	0.10	0.10	15.01	ppb
Titanium	47-1	0.07	0.03	0.03	0.04	49.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	80.46	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.21	0.33	0.08	0.21	60.37	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	8.91	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.06	0.06	10.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.35	12.29	18.11	13.59	29.70	ppb
Antimony	121-1	1.90	1.94	1.90	1.91	1.27	ppb
Arsenic	75-2	1.05	0.91	0.98	0.98	7.11	ppb
Barium	135-1	9.21	9.28	9.00	9.17	1.57	ppb
Barium	137-1	9.10	9.17	9.39	9.22	1.69	ppb
Beryllium	9-1	1.04	0.85	0.97	0.96	9.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	28.63	28.14	29.23	28.67	1.91	ppb
Boron	10-1	26.59	27.99	28.16	27.58	3.13	ppb
Cadmium	106-1	-0.26	-0.37	0.18	-0.15		ppb
Cadmium	108-1	0.82	0.89	0.92	0.88	5.62	ppb
Cadmium	111-1	0.87	0.86	0.87	0.87	0.79	ppb
Calcium	43-1	459.30	461.32	444.01	454.88	2.08	ppb
Calcium	44-1	454.98	458.81	449.86	454.55	0.99	ppb
Chromium	52-2	1.89	1.87	2.12	1.96	6.93	ppb
Cobalt	59-2	0.85	0.83	0.86	0.85	1.28	ppb
Copper	63-2	2.05	1.99	2.20	2.08	5.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	45.49	45.99	47.48	46.32	2.23	ppb
Iron	57-2	42.03	51.42	48.44	47.30	10.15	ppb
Lead	206-1	1.28	1.25	1.23	1.25	2.11	ppb
Lead	207-1	1.27	1.22	1.26	1.25	2.22	ppb
Lead	208-1	1.25	1.22	1.19	1.22	2.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	446.86	439.65	450.05	445.52	1.20	ppb
Manganese	55-2	0.99	0.99	0.92	0.96	4.16	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.28	4.40	4.28	4.32	1.66	ppb
Molybdenum	94-1	2.03	1.99	2.07	2.03	1.98	ppb
Molybdenum	95-1	4.35	4.17	4.39	4.31	2.67	ppb
Molybdenum	96-1	3.77	3.73	4.00	3.83	3.76	ppb
Molybdenum	97-1	4.45	4.30	4.47	4.40	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.01	1.09	1.05	3.87	ppb
Phosphorus	31-2	-12.89	-12.99	-12.55	-12.81		ppb
Potassium	39-2	464.78	476.43	477.38	472.86	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	6.34	3.38	3.24	97.90	ppb
Selenium	78-2	4.95	6.01	7.02	5.99	17.27	ppb
Selenium	82-1	4.78	5.32	5.38	5.16	6.37	ppb
Silicon	28-1	-3.25	7.68	-4.34	0.03	21233.77	ppb
Silver	109-1	1.28	1.20	1.20	1.22	3.62	ppb
Silver	107-1	1.21	1.19	1.19	1.20	0.88	ppb
Sodium	23-2	515.37	510.50	524.25	516.71	1.35	ppb
Strontium	86-1	0.91	0.97	0.86	0.91	6.03	ppb
Strontium	88-1	0.97	0.94	0.96	0.96	1.35	ppb
Sulfur	34-1	-1891.53	-1839.50	-2044.86	-1925.30		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.94	0.97	0.97	2.61	ppb
Thallium	205-1	0.98	0.97	0.94	0.96	2.14	ppb
Tin	118-1	4.65	4.84	4.71	4.73	1.97	ppb
Titanium	47-1	4.27	4.22	4.18	4.23	1.08	ppb
Uranium	238-1	0.87	0.85	0.89	0.87	2.12	ppb
Vanadium	51-2	4.45	4.23	4.55	4.41	3.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.06	2.14	2.49	2.23	10.27	ppb
Zirconium	90-1	0.96	0.96	0.97	0.96	0.29	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	1.04	0.93	0.98	5.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.02	-2.02	1.98	-0.35		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	17.70	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	-0.01	-0.02	0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	18.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	6.02	6.24	6.06	6.10	1.90	ppb
Boron	10-1	7.00	6.64	6.47	6.70	4.01	ppb
Cadmium	106-1	-0.20	-0.53	0.40	-0.11		ppb
Cadmium	108-1	-0.04	0.02	0.13	0.04	233.18	ppb
Cadmium	111-1	-0.01	-0.03	0.02	-0.01		ppb
Calcium	43-1	23.48	21.15	22.93	22.52	5.40	ppb
Calcium	44-1	12.52	13.47	9.26	11.75	18.80	ppb
Chromium	52-2	-0.16	-0.03	-0.04	-0.08		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.05	0.03	0.04	24.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.48	0.43	0.13	0.35	54.28	ppb
Iron	57-2	-0.75	0.63	1.98	0.62	220.50	ppb
Lead	206-1	0.06	0.09	0.06	0.07	26.62	ppb
Lead	207-1	0.05	0.06	0.04	0.05	25.26	ppb
Lead	208-1	0.06	0.07	0.05	0.06	12.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.54	0.74	0.73	1.00	46.25	ppb
Manganese	55-2	0.00	-0.04	-0.03	-0.02		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.00	0.01	0.01	90.61	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	32.63	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	133.63	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.02	0.03	0.02	25.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.01	0.01	205.73	ppb
Phosphorus	31-2	-13.20	-25.72	-13.23	-17.38		ppb
Potassium	39-2	1.97	4.98	18.45	8.47	103.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	3.16	1.05	173.21	ppb
Selenium	78-2	-1.01	-1.01	-0.01	-0.68		ppb
Selenium	82-1	0.10	1.10	-0.55	0.21	387.51	ppb
Silicon	28-1	-12.73	-15.55	-16.42	-14.90		ppb
Silver	109-1	0.03	0.03	0.04	0.04	17.32	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.21	ppb
Sodium	23-2	45.96	47.39	42.09	45.15	6.07	ppb
Strontium	86-1	0.01	-0.04	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1937.49	-1713.52	-1856.35	-1835.79		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.03	0.03	8.44	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	25.96	ppb
Tin	118-1	0.02	0.00	0.02	0.01	129.26	ppb
Titanium	47-1	0.02	-0.01	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	-0.11	-0.10	-0.07	-0.09		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	11.77	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.03	0.02	79.20	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.02	27.92	30.86	32.60	17.64	ppb
Antimony	121-1	3.87	3.94	3.98	3.93	1.49	ppb
Arsenic	75-2	1.81	2.29	1.91	2.00	12.68	ppb
Barium	135-1	19.34	18.66	19.38	19.13	2.14	ppb
Barium	137-1	19.07	19.54	19.88	19.50	2.09	ppb
Beryllium	9-1	1.86	1.92	2.08	1.95	5.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	46.78	48.63	51.73	49.05	5.10	ppb
Boron	10-1	46.16	48.04	50.92	48.37	4.96	ppb
Cadmium	106-1	1.69	1.65	0.90	1.42	31.30	ppb
Cadmium	108-1	1.70	1.82	1.90	1.81	5.62	ppb
Cadmium	111-1	1.97	2.00	1.92	1.96	2.04	ppb
Calcium	43-1	917.09	926.46	898.52	914.02	1.56	ppb
Calcium	44-1	908.86	916.34	929.95	918.38	1.16	ppb
Chromium	52-2	3.74	3.82	3.79	3.78	1.08	ppb
Cobalt	59-2	1.82	1.97	1.88	1.89	4.15	ppb
Copper	63-2	3.88	3.98	3.77	3.87	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	365.45	369.33	366.65	367.14	0.54	ppb
Iron	57-2	358.08	371.94	364.49	364.84	1.90	ppb
Lead	206-1	2.55	2.49	2.48	2.51	1.55	ppb
Lead	207-1	2.42	2.40	2.39	2.40	0.60	ppb
Lead	208-1	2.47	2.39	2.35	2.41	2.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	893.63	927.66	931.87	917.72	2.28	ppb
Manganese	55-2	2.12	2.08	2.07	2.09	1.33	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.31	9.10	9.13	9.18	1.25	ppb
Molybdenum	94-1	4.40	4.23	4.34	4.32	2.05	ppb
Molybdenum	95-1	9.10	9.07	9.31	9.16	1.45	ppb
Molybdenum	96-1	8.11	8.10	8.02	8.08	0.59	ppb
Molybdenum	97-1	9.50	9.03	9.32	9.28	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	2.06	2.05	1.98	5.89	ppb
Phosphorus	31-2	-13.54	-13.28	-13.30	-13.38		ppb
Potassium	39-2	909.63	976.21	954.20	946.68	3.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	12.36	6.31	12.43	10.37	33.93	ppb
Selenium	78-2	11.23	6.47	8.83	8.84	26.89	ppb
Selenium	82-1	10.15	9.59	9.26	9.66	4.63	ppb
Silicon	28-1	9.46	9.77	12.47	10.57	15.66	ppb
Silver	109-1	1.96	1.96	2.08	2.00	3.39	ppb
Silver	107-1	1.95	2.07	2.01	2.01	2.86	ppb
Sodium	23-2	946.47	975.77	961.31	961.19	1.52	ppb
Strontium	86-1	1.89	1.94	1.99	1.94	2.38	ppb
Strontium	88-1	2.01	2.03	2.01	2.01	0.57	ppb
Sulfur	34-1	-1815.24	-1917.24	-1752.77	-1828.41		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1.93	1.91	2.03	1.96	3.27	ppb
Thallium	205-1	1.90	1.92	1.99	1.94	2.36	ppb
Tin	118-1	9.91	9.95	9.60	9.82	1.93	ppb
Titanium	47-1	9.12	9.13	9.25	9.17	0.82	ppb
Uranium	238-1	1.84	1.85	1.87	1.85	0.77	ppb
Vanadium	51-2	8.95	9.12	9.17	9.08	1.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	3.80	4.35	3.84	4.00	7.65	ppb
Zirconium	90-1	2.00	2.00	2.02	2.01	0.64	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.01	1.88	1.95	1.95	3.50	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17312.71	17244.81	17295.28	17284.27	0.20	ppb
Antimony	121-1	0.25	0.26	0.24	0.25	2.97	ppb
Arsenic	75-2	2.33	2.59	2.42	2.45	5.45	ppb
Barium	135-1	68.02	72.39	67.99	69.47	3.65	ppb
Barium	137-1	66.66	70.69	67.80	68.39	3.03	ppb
Beryllium	9-1	0.88	1.05	0.85	0.93	11.90	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	11-1	5.62	6.26	6.10	5.99	5.60	ppb
Boron	10-1	6.30	6.86	5.40	6.18	11.91	ppb
Cadmium	106-1	0.42	-0.20	-0.31	-0.03		ppb
Cadmium	108-1	0.19	0.36	0.28	0.28	30.34	ppb
Cadmium	111-1	0.13	0.10	0.05	0.09	43.16	ppb
Calcium	43-1	4193.52	4425.34	4177.17	4265.34	3.25	ppb
Calcium	44-1	4305.14	4561.62	4326.54	4397.77	3.24	ppb
Chromium	52-2	26.89	26.30	26.08	26.42	1.59	ppb
Cobalt	59-2	13.31	13.25	13.38	13.31	0.47	ppb
Copper	63-2	101.55	101.55	102.97	102.02	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	42206.99	42082.87	42394.12	42227.99	0.37	ppb
Iron	57-2	42526.57	42776.98	42931.61	42745.05	0.48	ppb
Lead	206-1	9.17	9.94	8.79	9.30	6.25	ppb
Lead	207-1	7.21	7.75	7.14	7.37	4.55	ppb
Lead	208-1	8.27	8.84	8.12	8.41	4.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	10267.30	10272.54	10441.10	10326.98	0.96	ppb
Manganese	55-2	624.88	624.70	631.19	626.92	0.59	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.35	6.64	6.50	6.50	2.21	ppb
Molybdenum	94-1	2.51	2.59	2.57	2.56	1.47	ppb
Molybdenum	95-1	6.34	6.53	6.46	6.45	1.51	ppb
Molybdenum	96-1	5.79	5.73	5.71	5.74	0.78	ppb
Molybdenum	97-1	6.48	6.41	6.70	6.53	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.35	17.19	16.88	17.14	1.39	ppb
Phosphorus	31-2	1231.92	1059.49	881.02	1057.48	16.59	ppb
Potassium	39-2	763.84	771.48	760.18	765.17	0.75	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	66.02	25.65	52.10	47.92	42.79	ppb
Selenium	78-2	11.26	8.91	7.70	9.29	19.50	ppb
Selenium	82-1	1.10	1.21	1.67	1.33	22.72	ppb
Silicon	28-1	970.74	1088.15	1008.30	1022.40	5.86	ppb
Silver	109-1	0.31	0.34	0.34	0.33	4.88	ppb
Silver	107-1	0.31	0.33	0.31	0.32	3.78	ppb
Sodium	23-2	161.95	159.18	165.67	162.27	2.01	ppb
Strontium	86-1	15.55	15.28	15.32	15.38	0.97	ppb
Strontium	88-1	15.57	16.06	15.59	15.74	1.78	ppb
Sulfur	34-1	-700.47	67.01	-625.42	-419.63		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.18	0.18	0.18	2.32	ppb
Thallium	205-1	0.17	0.20	0.16	0.18	11.42	ppb
Tin	118-1	1.19	1.24	1.30	1.24	4.32	ppb
Titanium	47-1	736.71	793.89	755.20	761.93	3.83	ppb
Uranium	238-1	2.06	2.11	1.95	2.04	3.87	ppb
Vanadium	51-2	37.72	38.12	38.66	38.17	1.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	90.55	91.76	92.88	91.73	1.27	ppb
Zirconium	90-1	0.58	0.60	0.58	0.59	2.42	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.64	0.56	0.59	6.76	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17372.97	17097.07	16757.95	17076.00	1.80	ppb
Antimony	121-1	0.21	0.23	0.20	0.21	6.95	ppb
Arsenic	75-2	2.32	2.33	2.24	2.30	2.16	ppb
Barium	135-1	68.72	67.13	68.05	67.97	1.18	ppb
Barium	137-1	67.94	66.16	67.83	67.31	1.48	ppb
Beryllium	9-1	0.99	0.90	0.86	0.91	7.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	11-1	4.09	5.04	4.81	4.64	10.66	ppb
Boron	10-1	4.39	3.71	5.69	4.60	21.88	ppb
Cadmium	106-1	0.12	-1.15	-1.17	-0.73		ppb
Cadmium	108-1	0.25	0.17	0.08	0.17	51.98	ppb
Cadmium	111-1	0.09	0.02	0.02	0.05	92.23	ppb
Calcium	43-1	4227.95	4145.13	4084.23	4152.44	1.74	ppb
Calcium	44-1	4270.97	4213.27	4268.03	4250.76	0.76	ppb
Chromium	52-2	27.18	26.33	25.86	26.46	2.54	ppb
Cobalt	59-2	13.59	13.19	12.96	13.25	2.42	ppb
Copper	63-2	101.48	99.58	97.40	99.48	2.05	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				97		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	42513.71	41385.25	41210.56	41703.17	1.70	ppb
Iron	57-2	42854.70	42241.95	41667.02	42254.56	1.41	ppb
Lead	206-1	9.12	9.42	8.96	9.17	2.56	ppb
Lead	207-1	7.33	7.10	7.08	7.17	1.92	ppb
Lead	208-1	8.29	8.31	8.19	8.26	0.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	10351.87	10036.22	10067.46	10151.85	1.71	ppb
Manganese	55-2	626.54	608.87	602.76	612.72	2.02	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.14	6.19	6.18	6.17	0.46	ppb
Molybdenum	94-1	2.34	2.47	2.42	2.41	2.72	ppb
Molybdenum	95-1	6.13	6.25	6.31	6.23	1.47	ppb
Molybdenum	96-1	5.43	5.58	5.45	5.49	1.46	ppb
Molybdenum	97-1	6.06	6.26	6.30	6.21	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.56	17.11	17.23	17.30	1.36	ppb
Phosphorus	31-2	822.58	811.62	1098.21	910.80	17.83	ppb
Potassium	39-2	771.75	741.08	762.89	758.57	2.08	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	46.79	40.59	63.43	50.27	23.49	ppb
Selenium	78-2	2.69	6.79	4.92	4.80	42.78	ppb
Selenium	82-1	0.50	2.01	0.89	1.13	69.16	ppb
Silicon	28-1	971.01	982.69	998.68	984.13	1.41	ppb
Silver	109-1	0.23	0.24	0.24	0.23	2.42	ppb
Silver	107-1	0.23	0.24	0.21	0.22	7.84	ppb
Sodium	23-2	167.24	154.30	162.77	161.44	4.07	ppb
Strontium	86-1	14.68	15.16	15.05	14.96	1.68	ppb
Strontium	88-1	15.45	15.40	15.38	15.41	0.26	ppb
Sulfur	34-1	-1483.42	-1519.40	-1809.53	-1604.11		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.17	0.16	0.16	0.16	5.54	ppb
Thallium	205-1	0.16	0.18	0.16	0.17	6.71	ppb
Tin	118-1	1.10	1.18	1.21	1.16	4.77	ppb
Titanium	47-1	748.68	745.63	743.16	745.82	0.37	ppb
Uranium	238-1	2.09	1.96	2.08	2.04	3.32	ppb
Vanadium	51-2	38.91	37.22	37.09	37.74	2.69	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	92.14	90.36	87.83	90.11	2.40	ppb
Zirconium	90-1	0.57	0.54	0.51	0.54	5.41	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.59	0.60	0.53	0.58	6.53	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3332.96	3422.71	3341.02	3365.56	1.48	ppb
Antimony	121-1	0.05	0.02	0.03	0.03	37.86	ppb
Arsenic	75-2	0.35	0.48	0.52	0.45	19.47	ppb
Barium	135-1	12.87	12.72	12.48	12.69	1.56	ppb
Barium	137-1	12.38	12.32	12.85	12.52	2.34	ppb
Beryllium	9-1	0.19	0.24	0.18	0.20	17.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	3.30	2.38	2.28	2.65	21.24	ppb
Boron	10-1	2.92	2.40	2.21	2.51	14.57	ppb
Cadmium	106-1	-0.26	-1.14	0.00	-0.47		ppb
Cadmium	108-1	-0.01	0.05	0.08	0.04	111.91	ppb
Cadmium	111-1	0.01	-0.07	0.02	-0.01		ppb
Calcium	43-1	848.90	805.42	817.95	824.09	2.72	ppb
Calcium	44-1	817.38	820.01	802.92	813.44	1.13	ppb
Chromium	52-2	4.88	5.22	5.15	5.09	3.58	ppb
Cobalt	59-2	2.59	2.55	2.41	2.52	3.86	ppb
Copper	63-2	20.06	19.40	19.43	19.63	1.89	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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	8330.41	8249.72	8237.27	8272.47	0.61	ppb
Iron	57-2	8363.24	8380.72	8250.05	8331.34	0.85	ppb
Lead	206-1	1.69	1.80	1.72	1.74	3.32	ppb
Lead	207-1	1.36	1.41	1.42	1.40	2.23	ppb
Lead	208-1	1.58	1.64	1.57	1.60	2.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	1970.39	2016.45	1990.31	1992.38	1.16	ppb
Manganese	55-2	120.23	123.45	122.41	122.03	1.35	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.26	1.31	1.34	1.30	3.33	ppb
Molybdenum	94-1	0.52	0.53	0.52	0.52	0.97	ppb
Molybdenum	95-1	1.32	1.32	1.34	1.33	1.03	ppb
Molybdenum	96-1	1.13	1.17	1.11	1.13	2.56	ppb
Molybdenum	97-1	1.37	1.30	1.44	1.37	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.20	3.10	3.22	3.90	ppb
Phosphorus	31-2	174.24	139.42	173.58	162.41	12.26	ppb
Potassium	39-2	143.18	146.18	143.20	144.19	1.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	21.41	12.37	9.21	14.33	44.17	ppb
Selenium	78-2	3.35	-0.03	1.90	1.74	97.61	ppb
Selenium	82-1	-0.46	0.77	0.50	0.27	238.73	ppb
Silicon	28-1	182.57	177.76	185.52	181.95	2.15	ppb
Silver	109-1	0.06	0.05	0.06	0.06	16.91	ppb
Silver	107-1	0.05	0.04	0.05	0.05	5.40	ppb
Sodium	23-2	56.20	58.45	58.08	57.57	2.09	ppb
Strontium	86-1	2.97	3.33	3.03	3.11	6.09	ppb
Strontium	88-1	3.22	3.09	3.08	3.13	2.44	ppb
Sulfur	34-1	-3384.10	-3514.65	-3419.43	-3439.39		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.05	0.05	7.43	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.01	ppb
Tin	118-1	0.18	0.21	0.20	0.20	8.08	ppb
Titanium	47-1	145.90	143.24	144.03	144.39	0.95	ppb
Uranium	238-1	0.38	0.38	0.39	0.38	1.81	ppb
Vanadium	51-2	7.54	7.41	6.98	7.31	4.05	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	17.35	17.79	18.07	17.74	2.04	ppb
Zirconium	90-1	0.12	0.12	0.11	0.12	3.83	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.10	0.11	0.11	11.64	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17238.65	17018.40	16879.93	17045.66	1.06	ppb
Antimony	121-1	19.69	19.99	20.08	19.92	1.04	ppb
Arsenic	75-2	9.38	9.41	8.91	9.24	3.02	ppb
Barium	135-1	455.17	464.86	466.60	462.21	1.33	ppb
Barium	137-1	457.83	458.46	465.80	460.70	0.96	ppb
Beryllium	9-1	9.86	10.16	9.66	9.90	2.52	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	11-1	3.34	3.52	3.88	3.58	7.69	ppb
Boron	10-1	3.29	3.16	3.85	3.43	10.55	ppb
Cadmium	106-1	9.05	9.44	8.21	8.90	7.03	ppb
Cadmium	108-1	9.79	9.02	10.08	9.63	5.69	ppb
Cadmium	111-1	9.91	9.92	9.96	9.93	0.27	ppb
Calcium	43-1	4115.38	3999.15	4111.73	4075.42	1.62	ppb
Calcium	44-1	4160.56	4074.90	4198.63	4144.70	1.53	ppb
Chromium	52-2	64.05	62.39	61.92	62.79	1.78	ppb
Cobalt	59-2	108.50	105.74	104.58	106.27	1.89	ppb
Copper	63-2	145.24	144.34	141.36	143.65	1.41	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				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	41166.48	40701.63	40441.91	40770.01	0.90	ppb
Iron	57-2	42146.31	41173.71	40762.64	41360.89	1.72	ppb
Lead	206-1	12.53	12.69	12.26	12.49	1.75	ppb
Lead	207-1	10.84	10.70	10.59	10.71	1.21	ppb
Lead	208-1	11.72	11.61	11.62	11.65	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	9715.16	9651.27	9395.44	9587.29	1.76	ppb
Manganese	55-2	689.71	681.80	675.22	682.24	1.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.81	5.68	5.77	5.75	1.21	ppb
Molybdenum	94-1	2.16	2.24	2.33	2.24	3.71	ppb
Molybdenum	95-1	5.67	5.75	5.90	5.77	2.03	ppb
Molybdenum	96-1	4.87	4.96	4.87	4.90	1.05	ppb
Molybdenum	97-1	5.84	5.76	5.70	5.77	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.88	111.40	109.18	111.49	2.11	ppb
Phosphorus	31-2	958.64	1140.00	1087.15	1061.93	8.78	ppb
Potassium	39-2	799.89	763.93	711.23	758.35	5.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	86.51	86.11	83.29	85.30	2.06	ppb
Selenium	78-2	20.24	22.17	29.00	23.80	19.34	ppb
Selenium	82-1	18.30	18.27	18.49	18.35	0.63	ppb
Silicon	28-1	976.73	922.40	989.70	962.95	3.71	ppb
Silver	109-1	9.58	9.44	9.39	9.47	1.01	ppb
Silver	107-1	9.20	9.19	9.56	9.31	2.25	ppb
Sodium	23-2	154.92	153.43	147.98	152.11	2.40	ppb
Strontium	86-1	14.89	14.56	14.63	14.69	1.16	ppb
Strontium	88-1	15.07	14.76	14.95	14.93	1.02	ppb
Sulfur	34-1	-2083.01	-2396.77	-2157.25	-2212.34		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	9.48	9.61	9.50	9.53	0.70	ppb
Thallium	205-1	9.66	9.55	9.70	9.64	0.85	ppb
Tin	118-1	1.12	1.16	1.16	1.14	1.80	ppb
Titanium	47-1	725.87	713.78	729.72	723.13	1.15	ppb
Uranium	238-1	2.07	2.04	2.04	2.05	0.98	ppb
Vanadium	51-2	131.63	130.41	128.26	130.10	1.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	180.64	181.66	180.80	181.03	0.30	ppb
Zirconium	90-1	0.54	0.51	0.53	0.53	3.05	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.54	0.54	0.56	5.63	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:27:17	DataFile Name :	026SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9025.03	9300.54	9115.92	9147.16	1.53	ppb
Antimony	121-1	0.16	0.19	0.19	0.18	10.89	ppb
Arsenic	75-2	3.48	3.70	3.45	3.54	3.79	ppb
Barium	135-1	83.70	83.38	83.37	83.48	0.22	ppb
Barium	137-1	83.27	83.49	82.57	83.11	0.58	ppb
Beryllium	9-1	0.58	0.57	0.48	0.54	10.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	11-1	2.56	2.46	3.15	2.72	13.54	ppb
Boron	10-1	2.22	3.03	1.64	2.30	30.55	ppb
Cadmium	106-1	-0.53	0.68	-0.12	0.01	5579.62	ppb
Cadmium	108-1	0.11	0.25	0.22	0.19	39.70	ppb
Cadmium	111-1	0.13	0.20	0.12	0.15	27.71	ppb
Calcium	43-1	5691.57	5750.77	5646.42	5696.26	0.92	ppb
Calcium	44-1	5915.60	5758.19	5777.44	5817.08	1.48	ppb
Chromium	52-2	19.14	19.28	19.07	19.16	0.58	ppb
Cobalt	59-2	6.71	6.70	6.65	6.69	0.52	ppb
Copper	63-2	31.16	30.21	30.36	30.58	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	17705.51	17459.02	17543.13	17569.22	0.71	ppb
Iron	57-2	17858.67	17703.74	17804.82	17789.07	0.44	ppb
Lead	206-1	10.62	10.44	10.66	10.57	1.08	ppb
Lead	207-1	9.62	9.43	9.48	9.51	1.03	ppb
Lead	208-1	9.98	9.83	9.85	9.89	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	5230.34	5108.94	5058.04	5132.44	1.72	ppb
Manganese	55-2	233.04	231.58	227.39	230.67	1.27	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:27:17	DataFile Name :	026SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.83	0.85	0.78	0.82	4.55	ppb
Molybdenum	94-1	0.54	0.50	0.47	0.50	6.12	ppb
Molybdenum	95-1	0.86	0.89	0.80	0.85	5.53	ppb
Molybdenum	96-1	0.75	0.75	0.77	0.76	0.96	ppb
Molybdenum	97-1	0.84	0.81	0.86	0.84	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.31	14.28	13.68	14.09	2.51	ppb
Phosphorus	31-2	616.95	649.67	648.33	638.32	2.90	ppb
Potassium	39-2	710.51	665.04	709.76	695.10	3.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	23.51	52.56	26.95	34.34	46.23	ppb
Selenium	78-2	5.50	6.85	7.05	6.46	13.01	ppb
Selenium	82-1	-0.02	-0.11	0.70	0.19	236.56	ppb
Silicon	28-1	692.89	697.01	724.77	704.89	2.46	ppb
Silver	109-1	0.16	0.16	0.18	0.17	8.34	ppb
Silver	107-1	0.15	0.19	0.21	0.18	17.06	ppb
Sodium	23-2	221.56	220.77	219.11	220.48	0.57	ppb
Strontium	86-1	18.60	18.41	19.11	18.71	1.95	ppb
Strontium	88-1	19.24	18.95	19.07	19.09	0.76	ppb
Sulfur	34-1	-3894.89	-3994.47	-3861.27	-3916.88		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.07	0.06	0.07	13.40	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	9.67	ppb
Tin	118-1	0.72	0.67	0.69	0.69	3.92	ppb
Titanium	47-1	253.97	251.93	250.33	252.08	0.72	ppb
Uranium	238-1	1.25	1.31	1.24	1.27	2.81	ppb
Vanadium	51-2	21.73	22.73	22.66	22.37	2.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	54.50	53.97	53.54	54.00	0.89	ppb
Zirconium	90-1	0.36	0.35	0.38	0.36	4.16	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:27:17	DataFile Name :	026SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.36	0.34	0.35	4.50	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10706.20	11028.29	10602.23	10778.91	2.06	ppb
Antimony	121-1	0.45	0.41	0.43	0.43	3.84	ppb
Arsenic	75-2	5.60	5.86	5.37	5.61	4.34	ppb
Barium	135-1	115.69	112.48	109.56	112.58	2.72	ppb
Barium	137-1	114.28	113.36	111.87	113.17	1.07	ppb
Beryllium	9-1	0.75	0.66	0.67	0.69	6.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	11-1	4.10	3.93	4.35	4.12	5.13	ppb
Boron	10-1	4.26	4.10	3.91	4.09	4.28	ppb
Cadmium	106-1	-0.45	0.22	-0.07	-0.10		ppb
Cadmium	108-1	0.54	0.51	0.50	0.52	4.79	ppb
Cadmium	111-1	0.23	0.29	0.30	0.27	13.80	ppb
Calcium	43-1	17166.83	17286.25	16723.44	17058.84	1.74	ppb
Calcium	44-1	17224.12	17298.56	16787.23	17103.30	1.62	ppb
Chromium	52-2	17.34	18.61	17.64	17.86	3.72	ppb
Cobalt	59-2	7.94	8.35	7.90	8.06	3.09	ppb
Copper	63-2	26.38	27.52	25.91	26.60	3.12	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				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	21716.42	22568.45	21941.65	22075.50	2.00	ppb
Iron	57-2	21879.24	22916.72	22028.84	22274.94	2.52	ppb
Lead	206-1	23.52	23.42	23.49	23.48	0.21	ppb
Lead	207-1	21.87	21.45	21.46	21.60	1.11	ppb
Lead	208-1	22.69	22.48	22.50	22.56	0.52	ppb
Lithium	6-1				103		%
Magnesium	24-2	9856.39	10333.33	9882.82	10024.18	2.67	ppb
Manganese	55-2	912.72	956.72	920.42	929.95	2.53	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.26	1.33	1.35	1.31	3.32	ppb
Molybdenum	94-1	0.72	0.73	0.73	0.73	0.77	ppb
Molybdenum	95-1	1.30	1.25	1.29	1.28	2.25	ppb
Molybdenum	96-1	1.22	1.24	1.16	1.21	3.50	ppb
Molybdenum	97-1	1.24	1.24	1.34	1.27	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.36	12.92	11.70	12.33	4.95	ppb
Phosphorus	31-2	969.16	1065.33	1036.77	1023.75	4.82	ppb
Potassium	39-2	809.71	849.75	840.66	833.37	2.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	34.80	39.70	20.71	31.74	31.08	ppb
Selenium	78-2	8.63	8.66	3.20	6.83	45.99	ppb
Selenium	82-1	0.46	1.18	0.10	0.58	94.55	ppb
Silicon	28-1	782.94	790.82	767.69	780.48	1.51	ppb
Silver	109-1	0.18	0.22	0.20	0.20	9.75	ppb
Silver	107-1	0.19	0.19	0.18	0.19	1.53	ppb
Sodium	23-2	173.73	183.29	179.40	178.80	2.69	ppb
Strontium	86-1	28.33	27.35	28.18	27.95	1.89	ppb
Strontium	88-1	28.27	28.33	28.22	28.27	0.18	ppb
Sulfur	34-1	-3282.99	-2988.51	-3257.97	-3176.49		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.12	0.11	0.11	7.77	ppb
Thallium	205-1	0.13	0.10	0.12	0.11	15.18	ppb
Tin	118-1	1.20	1.22	1.12	1.18	4.78	ppb
Titanium	47-1	315.40	316.14	311.98	314.51	0.71	ppb
Uranium	238-1	0.88	0.90	0.91	0.90	1.77	ppb
Vanadium	51-2	27.53	29.09	28.37	28.33	2.76	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	129.17	133.04	130.71	130.98	1.49	ppb
Zirconium	90-1	0.45	0.45	0.46	0.45	0.74	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.44	0.46	0.50	0.47	6.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9348.11	9154.50	9265.06	9255.89	1.05	ppb
Antimony	121-1	0.39	0.41	0.34	0.38	9.27	ppb
Arsenic	75-2	4.92	5.43	5.32	5.23	5.11	ppb
Barium	135-1	134.98	131.29	130.23	132.17	1.89	ppb
Barium	137-1	132.99	131.94	130.25	131.73	1.05	ppb
Beryllium	9-1	0.83	0.83	0.81	0.82	1.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	3.24	3.06	3.62	3.31	8.67	ppb
Boron	10-1	2.81	3.38	3.20	3.13	9.44	ppb
Cadmium	106-1	0.94	-0.31	-0.04	0.20	335.99	ppb
Cadmium	108-1	0.92	0.68	0.84	0.81	14.88	ppb
Cadmium	111-1	0.40	0.27	0.26	0.31	24.20	ppb
Calcium	43-1	9088.01	9259.48	9236.54	9194.68	1.01	ppb
Calcium	44-1	9200.49	9390.81	9357.43	9316.24	1.09	ppb
Chromium	52-2	20.21	19.21	20.09	19.84	2.75	ppb
Cobalt	59-2	8.67	8.45	8.60	8.57	1.31	ppb
Copper	63-2	31.66	31.75	31.89	31.76	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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	20273.06	20165.23	20271.14	20236.48	0.30	ppb
Iron	57-2	20490.45	20310.10	20459.06	20419.87	0.47	ppb
Lead	206-1	24.09	24.45	24.38	24.31	0.78	ppb
Lead	207-1	22.08	22.02	21.91	22.00	0.38	ppb
Lead	208-1	22.98	23.22	23.08	23.09	0.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	6053.16	6041.25	6009.35	6034.59	0.38	ppb
Manganese	55-2	679.82	679.68	677.83	679.11	0.16	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.80	0.78	0.76	0.78	2.91	ppb
Molybdenum	94-1	0.80	0.72	0.72	0.75	6.27	ppb
Molybdenum	95-1	0.77	0.77	0.75	0.77	1.38	ppb
Molybdenum	96-1	0.75	0.81	0.80	0.79	3.92	ppb
Molybdenum	97-1	0.84	0.80	0.82	0.82	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.83	13.65	13.29	13.59	2.01	ppb
Phosphorus	31-2	837.52	814.07	636.96	762.85	14.37	ppb
Potassium	39-2	943.69	888.80	947.74	926.75	3.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	45.97	52.27	34.30	44.18	20.63	ppb
Selenium	78-2	8.09	6.80	4.87	6.59	24.59	ppb
Selenium	82-1	0.18	0.91	-0.29	0.27	227.61	ppb
Silicon	28-1	887.02	889.41	855.29	877.24	2.17	ppb
Silver	109-1	0.33	0.25	0.27	0.28	13.55	ppb
Silver	107-1	0.30	0.24	0.27	0.27	11.04	ppb
Sodium	23-2	136.52	127.46	138.08	134.02	4.28	ppb
Strontium	86-1	31.93	32.54	32.48	32.32	1.03	ppb
Strontium	88-1	32.58	32.88	32.47	32.64	0.65	ppb
Sulfur	34-1	-3688.83	-3456.55	-3745.56	-3630.31		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.11	0.11	0.12	4.31	ppb
Thallium	205-1	0.13	0.14	0.13	0.13	2.54	ppb
Tin	118-1	1.85	1.84	1.81	1.84	1.18	ppb
Titanium	47-1	376.55	385.09	374.34	378.66	1.50	ppb
Uranium	238-1	0.71	0.70	0.67	0.69	3.12	ppb
Vanadium	51-2	23.50	23.57	23.52	23.53	0.16	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	106.38	107.16	106.25	106.60	0.46	ppb
Zirconium	90-1	0.75	0.74	0.93	0.81	12.98	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.76	0.71	0.74	3.94	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20505.81	20218.09	20058.33	20260.74	1.12	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	4.64	ppb
Arsenic	75-2	2.18	1.96	1.96	2.03	6.25	ppb
Barium	135-1	438.04	442.01	438.64	439.56	0.49	ppb
Barium	137-1	436.99	441.54	437.38	438.63	0.57	ppb
Beryllium	9-1	1.61	1.67	1.63	1.64	1.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	11-1	2.38	2.08	1.72	2.06	15.89	ppb
Boron	10-1	1.15	1.82	3.14	2.03	49.78	ppb
Cadmium	106-1	0.24	1.00	0.10	0.44	108.90	ppb
Cadmium	108-1	0.37	0.28	0.59	0.41	38.85	ppb
Cadmium	111-1	0.13	0.21	0.12	0.16	31.04	ppb
Calcium	43-1	7412.05	7365.30	7158.12	7311.82	1.85	ppb
Calcium	44-1	7401.95	7430.49	7344.55	7392.33	0.59	ppb
Chromium	52-2	8.34	7.91	8.04	8.10	2.70	ppb
Cobalt	59-2	25.65	25.04	25.49	25.40	1.23	ppb
Copper	63-2	58.84	58.25	57.87	58.32	0.84	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	56278.25	55349.11	54971.48	55532.95	1.21	ppb
Iron	57-2	57127.20	55784.34	56036.94	56316.16	1.27	ppb
Lead	206-1	8.55	8.71	8.69	8.65	1.01	ppb
Lead	207-1	7.62	7.51	7.54	7.56	0.75	ppb
Lead	208-1	8.05	8.06	8.08	8.06	0.24	ppb
Lithium	6-1				104		%
Magnesium	24-2	9030.61	8761.22	8962.76	8918.20	1.57	ppb
Manganese	55-2	2004.62	1975.41	1967.48	1982.50	0.99	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.90	1.88	1.90	1.89	0.73	ppb
Molybdenum	94-1	0.92	0.89	0.92	0.91	1.73	ppb
Molybdenum	95-1	1.91	1.87	1.85	1.88	1.65	ppb
Molybdenum	96-1	1.78	1.84	1.79	1.80	1.72	ppb
Molybdenum	97-1	1.99	1.94	1.92	1.95	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.57	14.65	14.56	14.59	0.35	ppb
Phosphorus	31-2	1445.93	1387.26	1259.89	1364.36	6.97	ppb
Potassium	39-2	1391.99	1310.52	1342.17	1348.23	3.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	53.50	73.62	52.62	59.91	19.83	ppb
Selenium	78-2	11.47	4.60	11.70	9.26	43.60	ppb
Selenium	82-1	0.03	0.46	0.96	0.48	96.78	ppb
Silicon	28-1	791.79	734.09	714.27	746.72	5.39	ppb
Silver	109-1	0.12	0.15	0.12	0.13	12.05	ppb
Silver	107-1	0.12	0.12	0.12	0.12	4.11	ppb
Sodium	23-2	427.47	408.53	419.21	418.40	2.27	ppb
Strontium	86-1	54.19	54.64	54.01	54.28	0.60	ppb
Strontium	88-1	55.94	56.64	55.67	56.08	0.90	ppb
Sulfur	34-1	-4621.10	-4555.38	-4895.31	-4690.59		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.15	0.16	0.16	10.40	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	7.67	ppb
Tin	118-1	0.82	0.77	0.83	0.80	3.73	ppb
Titanium	47-1	449.47	447.26	439.89	445.54	1.13	ppb
Uranium	238-1	0.78	0.83	0.81	0.81	2.88	ppb
Vanadium	51-2	33.86	33.23	33.51	33.53	0.95	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	131.83	131.03	129.68	130.85	0.83	ppb
Zirconium	90-1	0.44	0.46	0.43	0.44	3.72	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.43	0.45	0.46	8.12	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10025.09	10259.98	10212.95	10166.01	1.22	ppb
Antimony	121-1	0.32	0.29	0.32	0.31	4.66	ppb
Arsenic	75-2	5.11	4.82	4.89	4.94	3.15	ppb
Barium	135-1	77.44	75.44	76.00	76.30	1.35	ppb
Barium	137-1	75.54	75.39	75.29	75.41	0.17	ppb
Beryllium	9-1	0.78	0.63	0.67	0.69	11.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	4.03	3.89	4.07	4.00	2.36	ppb
Boron	10-1	3.52	4.54	3.77	3.94	13.46	ppb
Cadmium	106-1	0.20	-0.07	-0.17	-0.02		ppb
Cadmium	108-1	0.53	0.13	0.41	0.35	57.55	ppb
Cadmium	111-1	0.19	0.20	0.17	0.19	8.53	ppb
Calcium	43-1	40911.06	39279.82	39478.75	39889.88	2.23	ppb
Calcium	44-1	41099.43	39667.10	39598.99	40121.84	2.11	ppb
Chromium	52-2	20.10	19.93	20.32	20.12	0.97	ppb
Cobalt	59-2	8.78	8.66	8.94	8.79	1.60	ppb
Copper	63-2	25.90	25.98	26.18	26.02	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				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	26397.31	25923.69	26429.66	26250.22	1.08	ppb
Iron	57-2	26647.49	26023.67	26602.10	26424.42	1.32	ppb
Lead	206-1	12.22	11.68	12.03	11.98	2.28	ppb
Lead	207-1	10.73	10.45	10.68	10.62	1.43	ppb
Lead	208-1	11.44	11.13	11.31	11.29	1.37	ppb
Lithium	6-1				107		%
Magnesium	24-2	25576.94	25303.74	25585.54	25488.74	0.63	ppb
Manganese	55-2	755.55	744.17	757.66	752.46	0.96	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.24	1.18	1.24	1.22	2.82	ppb
Molybdenum	94-1	0.81	0.82	0.82	0.82	0.65	ppb
Molybdenum	95-1	1.28	1.17	1.23	1.23	4.21	ppb
Molybdenum	96-1	1.20	1.09	1.19	1.16	5.39	ppb
Molybdenum	97-1	1.27	1.25	1.21	1.24	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.24	14.55	14.29	14.36	1.13	ppb
Phosphorus	31-2	832.31	724.32	723.86	760.16	8.22	ppb
Potassium	39-2	1148.53	1163.44	1158.97	1156.98	0.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	47.96	38.84	21.02	35.94	38.13	ppb
Selenium	78-2	4.68	6.08	4.22	4.99	19.46	ppb
Selenium	82-1	1.14	0.91	0.17	0.74	68.74	ppb
Silicon	28-1	682.92	648.90	658.49	663.44	2.64	ppb
Silver	109-1	0.18	0.14	0.17	0.16	13.48	ppb
Silver	107-1	0.17	0.15	0.16	0.16	7.39	ppb
Sodium	23-2	189.10	191.99	202.36	194.48	3.59	ppb
Strontium	86-1	35.67	34.71	34.41	34.93	1.90	ppb
Strontium	88-1	35.86	34.96	35.31	35.38	1.28	ppb
Sulfur	34-1	-2460.55	-2757.68	-2483.22	-2567.15		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.12	0.11	10.22	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.28	ppb
Tin	118-1	0.87	0.82	0.85	0.85	2.86	ppb
Titanium	47-1	360.26	349.26	347.08	352.20	2.01	ppb
Uranium	238-1	0.98	0.94	0.93	0.95	2.69	ppb
Vanadium	51-2	29.45	29.17	30.24	29.62	1.86	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	68.39	67.21	68.87	68.16	1.26	ppb
Zirconium	90-1	0.64	0.62	0.62	0.63	1.88	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.67	0.70	0.56	0.64	12.01	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17240.25	17232.86	17796.11	17423.08	1.85	ppb
Antimony	121-1	0.19	0.26	0.21	0.22	15.83	ppb
Arsenic	75-2	3.96	4.39	4.62	4.32	7.67	ppb
Barium	135-1	120.04	124.23	122.43	122.23	1.72	ppb
Barium	137-1	121.01	123.34	122.78	122.38	0.99	ppb
Beryllium	9-1	2.06	1.97	1.84	1.95	5.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	11-1	3.10	2.96	3.33	3.13	5.97	ppb
Boron	10-1	2.43	2.83	2.88	2.72	9.01	ppb
Cadmium	106-1	1.50	0.70	0.49	0.90	58.99	ppb
Cadmium	108-1	0.34	0.49	0.32	0.38	23.34	ppb
Cadmium	111-1	0.39	0.34	0.23	0.32	25.45	ppb
Calcium	43-1	38910.34	38783.75	38948.76	38880.95	0.22	ppb
Calcium	44-1	38954.19	38984.26	39171.86	39036.77	0.30	ppb
Chromium	52-2	34.08	33.49	35.61	34.39	3.19	ppb
Cobalt	59-2	20.10	19.70	20.31	20.04	1.54	ppb
Copper	63-2	81.92	81.81	82.96	82.23	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	45640.68	45487.77	46629.92	45919.46	1.35	ppb
Iron	57-2	45892.41	45790.99	47189.89	46291.09	1.69	ppb
Lead	206-1	11.39	11.47	11.43	11.43	0.34	ppb
Lead	207-1	9.42	9.47	9.41	9.43	0.33	ppb
Lead	208-1	10.38	10.36	10.33	10.36	0.24	ppb
Lithium	6-1				107		%
Magnesium	24-2	14554.71	14553.60	14871.70	14660.01	1.25	ppb
Manganese	55-2	1758.95	1736.34	1778.89	1758.06	1.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.55	1.56	1.52	1.54	1.59	ppb
Molybdenum	94-1	1.25	1.26	1.22	1.24	1.46	ppb
Molybdenum	95-1	1.50	1.46	1.54	1.50	2.92	ppb
Molybdenum	96-1	1.57	1.54	1.60	1.57	2.01	ppb
Molybdenum	97-1	1.56	1.54	1.69	1.60	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.36	18.95	19.05	19.12	1.11	ppb
Phosphorus	31-2	1482.14	1512.22	1556.00	1516.79	2.45	ppb
Potassium	39-2	942.97	1004.90	1043.13	997.00	5.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	93.93	88.43	102.79	95.05	7.62	ppb
Selenium	78-2	9.05	10.80	11.74	10.53	12.99	ppb
Selenium	82-1	1.62	1.30	0.35	1.09	60.97	ppb
Silicon	28-1	748.87	771.30	753.30	757.82	1.57	ppb
Silver	109-1	0.13	0.14	0.14	0.14	1.93	ppb
Silver	107-1	0.11	0.12	0.13	0.12	8.51	ppb
Sodium	23-2	1486.01	1510.75	1500.37	1499.04	0.83	ppb
Strontium	86-1	25.09	25.41	25.51	25.34	0.86	ppb
Strontium	88-1	25.92	26.03	25.64	25.86	0.78	ppb
Sulfur	34-1	-3084.89	-3043.50	-3050.20	-3059.53		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.12	0.12	0.12	4.04	ppb
Thallium	205-1	0.10	0.10	0.12	0.11	8.88	ppb
Tin	118-1	2.48	2.50	2.37	2.45	2.98	ppb
Titanium	47-1	850.61	852.65	844.21	849.16	0.52	ppb
Uranium	238-1	2.78	2.91	2.89	2.86	2.40	ppb
Vanadium	51-2	63.54	62.56	63.34	63.15	0.82	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	109.48	111.15	110.95	110.53	0.82	ppb
Zirconium	90-1	1.15	1.13	1.07	1.12	3.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.13	1.06	1.01	1.07	5.80	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15576.25	15422.95	15345.30	15448.17	0.76	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	2.88	ppb
Arsenic	75-2	3.05	2.80	2.96	2.94	4.25	ppb
Barium	135-1	74.56	71.63	72.33	72.84	2.10	ppb
Barium	137-1	72.38	72.06	72.63	72.36	0.40	ppb
Beryllium	9-1	1.12	1.20	1.21	1.18	4.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	1.50	1.41	1.52	1.48	3.74	ppb
Boron	10-1	1.57	1.93	1.85	1.78	10.69	ppb
Cadmium	106-1	-0.74	0.04	0.03	-0.22		ppb
Cadmium	108-1	0.11	0.19	0.37	0.22	60.60	ppb
Cadmium	111-1	0.10	0.11	0.12	0.11	8.20	ppb
Calcium	43-1	4241.03	4233.86	4301.82	4258.90	0.88	ppb
Calcium	44-1	4394.10	4297.94	4315.30	4335.78	1.18	ppb
Chromium	52-2	22.35	22.18	22.24	22.26	0.40	ppb
Cobalt	59-2	15.39	15.26	15.36	15.34	0.42	ppb
Copper	63-2	95.25	93.53	93.86	94.21	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				99		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	40108.79	39790.88	40071.48	39990.38	0.43	ppb
Iron	57-2	40802.97	40347.05	40486.29	40545.44	0.58	ppb
Lead	206-1	8.91	8.91	8.80	8.87	0.73	ppb
Lead	207-1	6.22	6.43	6.36	6.34	1.68	ppb
Lead	208-1	7.56	7.65	7.60	7.60	0.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	7389.82	7349.85	7378.31	7372.66	0.28	ppb
Manganese	55-2	535.86	530.32	536.16	534.11	0.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.51	2.53	2.57	2.54	1.36	ppb
Molybdenum	94-1	1.17	1.15	1.17	1.16	0.76	ppb
Molybdenum	95-1	2.58	2.48	2.55	2.54	2.08	ppb
Molybdenum	96-1	2.32	2.20	2.39	2.30	4.04	ppb
Molybdenum	97-1	2.37	2.46	2.52	2.45	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.73	22.08	21.69	21.84	0.99	ppb
Phosphorus	31-2	756.73	1314.44	1310.16	1127.11	28.46	ppb
Potassium	39-2	896.27	939.38	971.86	935.84	4.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	80.57	48.96	40.53	56.69	37.24	ppb
Selenium	78-2	11.74	8.56	8.61	9.64	18.90	ppb
Selenium	82-1	-0.35	0.20	0.68	0.18	291.46	ppb
Silicon	28-1	935.50	895.18	941.64	924.11	2.73	ppb
Silver	109-1	0.11	0.09	0.12	0.11	14.87	ppb
Silver	107-1	0.11	0.12	0.10	0.11	8.15	ppb
Sodium	23-2	138.03	136.93	146.02	140.33	3.53	ppb
Strontium	86-1	20.25	20.08	20.33	20.22	0.63	ppb
Strontium	88-1	20.65	20.48	20.72	20.62	0.60	ppb
Sulfur	34-1	-3948.72	-4039.20	-3989.45	-3992.46		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.14	0.11	0.12	12.62	ppb
Thallium	205-1	0.14	0.13	0.11	0.13	10.02	ppb
Tin	118-1	1.11	1.01	1.00	1.04	5.53	ppb
Titanium	47-1	641.01	631.40	634.59	635.67	0.77	ppb
Uranium	238-1	4.14	4.12	4.15	4.14	0.39	ppb
Vanadium	51-2	40.84	40.19	39.89	40.31	1.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	86.62	84.22	85.82	85.55	1.43	ppb
Zirconium	90-1	0.55	0.52	0.55	0.54	3.47	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.63	0.57	0.52	0.57	9.64	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16781.33	17628.90	16644.91	17018.38	3.13	ppb
Antimony	121-1	0.40	0.41	0.45	0.42	6.45	ppb
Arsenic	75-2	8.88	8.27	8.00	8.38	5.40	ppb
Barium	135-1	204.02	206.22	203.63	204.62	0.68	ppb
Barium	137-1	201.29	204.76	206.40	204.15	1.28	ppb
Beryllium	9-1	1.12	1.04	1.14	1.10	4.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	11-1	3.06	3.25	3.35	3.22	4.56	ppb
Boron	10-1	2.29	3.75	3.18	3.07	23.97	ppb
Cadmium	106-1	0.67	1.06	0.84	0.86	23.22	ppb
Cadmium	108-1	1.18	1.03	1.44	1.22	17.39	ppb
Cadmium	111-1	0.93	0.95	0.97	0.95	2.16	ppb
Calcium	43-1	5707.98	5627.84	5701.11	5678.97	0.78	ppb
Calcium	44-1	5865.16	5757.68	5856.31	5826.38	1.02	ppb
Chromium	52-2	26.37	28.03	25.94	26.78	4.12	ppb
Cobalt	59-2	11.49	12.36	11.62	11.82	3.99	ppb
Copper	63-2	38.43	40.92	38.31	39.22	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	33542.10	36215.18	33585.69	34447.66	4.44	ppb
Iron	57-2	34085.69	36054.71	34033.72	34724.71	3.32	ppb
Lead	206-1	49.49	49.63	50.84	49.99	1.48	ppb
Lead	207-1	45.32	45.16	45.79	45.42	0.72	ppb
Lead	208-1	47.19	47.53	47.55	47.42	0.42	ppb
Lithium	6-1				104		%
Magnesium	24-2	2604.85	2840.49	2568.87	2671.40	5.52	ppb
Manganese	55-2	1143.74	1220.71	1142.52	1168.99	3.83	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.95	0.98	0.99	0.97	2.04	ppb
Molybdenum	94-1	0.81	0.87	0.82	0.83	3.92	ppb
Molybdenum	95-1	0.98	0.96	1.00	0.98	1.63	ppb
Molybdenum	96-1	0.99	1.01	1.02	1.01	1.82	ppb
Molybdenum	97-1	1.07	1.13	1.02	1.07	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.33	15.56	14.76	14.88	4.19	ppb
Phosphorus	31-2	748.79	848.23	715.32	770.78	8.97	ppb
Potassium	39-2	491.25	552.66	504.13	516.01	6.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	81.23	41.61	39.45	54.10	43.48	ppb
Selenium	78-2	7.41	11.22	9.69	9.44	20.30	ppb
Selenium	82-1	0.26	0.67	1.20	0.71	66.08	ppb
Silicon	28-1	864.57	812.83	859.64	845.68	3.38	ppb
Silver	109-1	0.19	0.17	0.13	0.16	17.80	ppb
Silver	107-1	0.16	0.16	0.13	0.15	10.61	ppb
Sodium	23-2	687.17	722.46	684.96	698.19	3.01	ppb
Strontium	86-1	31.10	30.34	31.33	30.92	1.68	ppb
Strontium	88-1	31.30	31.46	31.16	31.31	0.47	ppb
Sulfur	34-1	-4331.67	-4456.86	-4546.96	-4445.16		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.13	0.11	0.10	0.11	14.67	ppb
Thallium	205-1	0.13	0.13	0.15	0.14	9.59	ppb
Tin	118-1	1.47	1.46	1.48	1.47	0.50	ppb
Titanium	47-1	397.00	397.92	394.45	396.46	0.45	ppb
Uranium	238-1	1.02	0.98	1.02	1.01	2.08	ppb
Vanadium	51-2	41.67	44.69	41.93	42.76	3.92	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	158.15	168.40	153.99	160.18	4.63	ppb
Zirconium	90-1	0.73	0.76	0.76	0.75	1.89	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.77	0.72	0.73	5.83	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15548.14	15701.34	15716.80	15655.42	0.60	ppb
Antimony	121-1	1.42	1.45	1.49	1.45	2.63	ppb
Arsenic	75-2	7.64	7.89	7.63	7.72	1.91	ppb
Barium	135-1	184.72	180.95	185.56	183.74	1.34	ppb
Barium	137-1	181.94	182.54	184.57	183.01	0.75	ppb
Beryllium	9-1	0.87	1.05	0.84	0.92	12.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	2.30	2.34	2.61	2.42	6.94	ppb
Boron	10-1	3.40	2.94	3.08	3.14	7.50	ppb
Cadmium	106-1	2.09	1.50	1.64	1.75	17.75	ppb
Cadmium	108-1	2.55	1.94	2.37	2.29	13.75	ppb
Cadmium	111-1	1.93	1.99	2.11	2.01	4.66	ppb
Calcium	43-1	2074.76	2017.59	2036.90	2043.08	1.42	ppb
Calcium	44-1	2033.39	2035.69	2079.01	2049.36	1.25	ppb
Chromium	52-2	116.27	117.42	118.40	117.36	0.91	ppb
Cobalt	59-2	6.12	6.14	6.42	6.22	2.66	ppb
Copper	63-2	161.66	163.36	165.45	163.49	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	23709.23	24054.36	24460.44	24074.68	1.56	ppb
Iron	57-2	23956.50	24438.70	24622.06	24339.09	1.41	ppb
Lead	206-1	190.22	194.42	194.09	192.91	1.21	ppb
Lead	207-1	175.33	174.38	176.04	175.25	0.48	ppb
Lead	208-1	183.89	185.81	185.10	184.93	0.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	2653.77	2703.52	2726.33	2694.54	1.38	ppb
Manganese	55-2	1731.93	1752.89	1757.96	1747.59	0.79	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.85	1.80	1.86	1.84	1.67	ppb
Molybdenum	94-1	0.79	0.72	0.78	0.76	4.89	ppb
Molybdenum	95-1	1.94	1.95	1.80	1.90	4.33	ppb
Molybdenum	96-1	1.66	1.67	1.73	1.69	2.36	ppb
Molybdenum	97-1	1.94	1.93	2.05	1.97	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.35	12.42	12.63	12.47	1.17	ppb
Phosphorus	31-2	3942.50	3641.10	3180.57	3588.05	10.69	ppb
Potassium	39-2	411.24	424.23	438.05	424.50	3.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	27.51	12.50	6.17	15.39	71.18	ppb
Selenium	78-2	5.76	3.94	2.40	4.03	41.67	ppb
Selenium	82-1	1.50	2.32	1.88	1.90	21.59	ppb
Silicon	28-1	990.02	944.85	959.96	964.94	2.38	ppb
Silver	109-1	7.15	6.87	7.03	7.02	2.01	ppb
Silver	107-1	6.87	6.86	7.10	6.94	1.97	ppb
Sodium	23-2	94.25	92.20	98.30	94.92	3.27	ppb
Strontium	86-1	21.79	21.90	22.21	21.97	1.00	ppb
Strontium	88-1	22.45	22.41	22.60	22.49	0.44	ppb
Sulfur	34-1	-4168.96	-4101.44	-4102.64	-4124.35		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.14	0.13	0.15	16.59	ppb
Thallium	205-1	0.14	0.15	0.16	0.15	6.91	ppb
Tin	118-1	65.40	63.97	65.11	64.83	1.17	ppb
Titanium	47-1	235.46	227.54	230.79	231.27	1.72	ppb
Uranium	238-1	0.46	0.49	0.46	0.47	3.60	ppb
Vanadium	51-2	30.67	30.95	30.79	30.80	0.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	125.46	125.78	125.59	125.61	0.13	ppb
Zirconium	90-1	0.18	0.22	0.21	0.20	9.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.23	0.24	0.23	2.24	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8683.16	9275.82	8454.79	8804.59	4.81	ppb
Antimony	121-1	0.71	0.67	0.71	0.70	3.16	ppb
Arsenic	75-2	3.71	4.32	4.23	4.09	8.03	ppb
Barium	135-1	130.92	126.10	127.72	128.25	1.91	ppb
Barium	137-1	128.71	126.80	127.59	127.70	0.75	ppb
Beryllium	9-1	0.81	0.86	0.84	0.84	2.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	11-1	2.94	2.55	2.62	2.70	7.78	ppb
Boron	10-1	2.51	2.60	2.24	2.45	7.69	ppb
Cadmium	106-1	-0.81	0.20	-1.24	-0.62		ppb
Cadmium	108-1	0.49	0.45	0.40	0.45	10.54	ppb
Cadmium	111-1	0.23	0.33	0.22	0.26	24.36	ppb
Calcium	43-1	6216.22	6215.78	6267.21	6233.07	0.47	ppb
Calcium	44-1	6313.77	6397.49	6396.15	6369.14	0.75	ppb
Chromium	52-2	11.85	12.21	11.34	11.80	3.74	ppb
Cobalt	59-2	7.82	8.21	7.81	7.95	2.89	ppb
Copper	63-2	30.34	32.05	29.75	30.71	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	20188.28	21530.98	20133.27	20617.51	3.84	ppb
Iron	57-2	20471.33	21761.73	20263.56	20832.21	3.90	ppb
Lead	206-1	36.05	36.61	36.32	36.33	0.77	ppb
Lead	207-1	32.87	32.89	32.86	32.87	0.04	ppb
Lead	208-1	34.51	34.37	34.58	34.49	0.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	3651.98	3934.93	3652.63	3746.51	4.36	ppb
Manganese	55-2	906.08	966.64	901.98	924.90	3.91	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.68	1.68	1.68	1.68	0.18	ppb
Molybdenum	94-1	0.71	0.78	0.79	0.76	5.50	ppb
Molybdenum	95-1	1.74	1.71	1.67	1.71	2.17	ppb
Molybdenum	96-1	1.54	1.51	1.52	1.52	1.07	ppb
Molybdenum	97-1	1.60	1.77	1.78	1.72	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.82	10.74	9.91	10.16	5.00	ppb
Phosphorus	31-2	1022.27	987.66	830.17	946.70	10.82	ppb
Potassium	39-2	434.81	494.33	426.49	451.88	8.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	45.23	35.13	24.18	34.85	30.21	ppb
Selenium	78-2	7.10	3.03	3.77	4.64	46.79	ppb
Selenium	82-1	0.69	0.69	1.17	0.85	32.64	ppb
Silicon	28-1	822.00	833.65	848.34	834.66	1.58	ppb
Silver	109-1	0.22	0.22	0.24	0.23	6.25	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.08	ppb
Sodium	23-2	220.94	238.34	220.40	226.56	4.51	ppb
Strontium	86-1	26.13	26.38	25.92	26.14	0.88	ppb
Strontium	88-1	26.10	26.41	26.11	26.21	0.68	ppb
Sulfur	34-1	-4753.53	-4751.85	-4628.79	-4711.39		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.11	0.12	0.15	0.13	15.34	ppb
Thallium	205-1	0.13	0.14	0.13	0.13	1.38	ppb
Tin	118-1	2.85	2.93	2.90	2.90	1.48	ppb
Titanium	47-1	259.64	258.83	257.76	258.75	0.36	ppb
Uranium	238-1	0.76	0.76	0.76	0.76	0.39	ppb
Vanadium	51-2	21.58	24.01	21.71	22.43	6.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	82.36	86.13	80.38	82.96	3.52	ppb
Zirconium	90-1	0.33	0.31	0.33	0.32	4.38	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.26	0.32	0.32	18.47	ppb

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : I4260-15 Instrumnet Name : P8
 Client Sample ID : MBDX30 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 14:00:10 DataFile Name : 036SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13737.34	13403.95	13505.23	13548.84	1.26	ppb
Antimony	121-1	0.41	0.39	0.39	0.40	2.86	ppb
Arsenic	75-2	3.90	3.97	3.80	3.89	2.28	ppb
Barium	135-1	138.15	150.03	137.95	142.04	4.87	ppb
Barium	137-1	138.40	145.79	135.33	139.84	3.85	ppb
Beryllium	9-1	0.68	0.89	0.73	0.77	14.41	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	1.20	0.60	1.36	1.05	38.14	ppb
Boron	10-1	1.29	2.50	0.62	1.47	64.62	ppb
Cadmium	106-1	-0.30	-0.31	-0.72	-0.44		ppb
Cadmium	108-1	0.62	0.74	0.80	0.72	12.66	ppb
Cadmium	111-1	0.39	0.41	0.33	0.38	10.97	ppb
Calcium	43-1	5007.36	5306.50	4818.67	5044.17	4.88	ppb
Calcium	44-1	5135.55	5516.34	5040.32	5230.74	4.82	ppb
Chromium	52-2	17.49	17.68	18.21	17.79	2.09	ppb
Cobalt	59-2	7.01	6.98	7.03	7.00	0.35	ppb
Copper	63-2	20.82	20.59	21.46	20.96	2.16	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				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	16028.83	15957.56	16023.21	16003.20	0.25	ppb
Iron	57-2	16251.69	16081.84	16137.32	16156.95	0.54	ppb
Lead	206-1	52.14	56.57	51.99	53.57	4.85	ppb
Lead	207-1	47.51	51.17	46.12	48.27	5.41	ppb
Lead	208-1	49.52	53.76	48.73	50.67	5.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	3162.62	3127.26	3148.27	3146.05	0.57	ppb
Manganese	55-2	183.55	182.31	181.80	182.55	0.49	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:10	DataFile Name :	036SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.27	1.42	1.24	1.31	7.38	ppb
Molybdenum	94-1	0.62	0.63	0.56	0.61	6.43	ppb
Molybdenum	95-1	1.21	1.28	1.21	1.23	3.54	ppb
Molybdenum	96-1	1.15	1.20	1.07	1.14	5.60	ppb
Molybdenum	97-1	1.31	1.50	1.37	1.39	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.11	10.27	9.90	10.09	1.81	ppb
Phosphorus	31-2	551.12	630.18	569.51	583.60	7.09	ppb
Potassium	39-2	456.03	456.96	469.91	460.97	1.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	30.43	21.54	42.74	31.57	33.72	ppb
Selenium	78-2	4.77	7.27	6.24	6.09	20.63	ppb
Selenium	82-1	0.43	0.14	1.46	0.68	102.45	ppb
Silicon	28-1	797.03	836.32	763.31	798.89	4.57	ppb
Silver	109-1	0.31	0.33	0.30	0.31	4.77	ppb
Silver	107-1	0.28	0.28	0.29	0.28	2.72	ppb
Sodium	23-2	340.71	339.43	340.83	340.32	0.23	ppb
Strontium	86-1	21.45	23.93	21.90	22.43	5.88	ppb
Strontium	88-1	22.29	24.01	22.34	22.88	4.28	ppb
Sulfur	34-1	-4918.01	-4149.46	-5070.40	-4712.62		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.16	0.15	0.15	12.10	ppb
Thallium	205-1	0.17	0.16	0.14	0.16	9.78	ppb
Tin	118-1	2.26	2.39	2.23	2.29	3.76	ppb
Titanium	47-1	270.56	287.99	264.92	274.49	4.38	ppb
Uranium	238-1	0.68	0.72	0.66	0.68	4.39	ppb
Vanadium	51-2	33.13	32.03	32.51	32.55	1.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	71.65	70.43	72.19	71.42	1.26	ppb
Zirconium	90-1	0.29	0.31	0.28	0.29	5.52	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:10	DataFile Name :	036SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.28	0.25	0.28	9.07	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20997.22	19881.73	19733.45	20204.13	3.42	ppb
Antimony	121-1	0.68	0.66	0.68	0.67	1.92	ppb
Arsenic	75-2	8.67	8.66	8.77	8.70	0.69	ppb
Barium	135-1	203.67	199.94	201.86	201.83	0.92	ppb
Barium	137-1	202.07	198.17	204.03	201.42	1.48	ppb
Beryllium	9-1	0.88	0.84	0.78	0.83	6.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	6.28	7.15	6.33	6.58	7.41	ppb
Boron	10-1	5.57	5.66	7.04	6.09	13.56	ppb
Cadmium	106-1	0.31	0.60	0.51	0.47	31.13	ppb
Cadmium	108-1	1.27	0.70	1.11	1.02	28.97	ppb
Cadmium	111-1	0.96	0.94	0.98	0.96	2.47	ppb
Calcium	43-1	6334.95	6428.36	6396.67	6386.66	0.74	ppb
Calcium	44-1	6401.64	6432.27	6489.97	6441.29	0.70	ppb
Chromium	52-2	30.15	29.43	28.90	29.49	2.13	ppb
Cobalt	59-2	8.76	8.38	8.31	8.48	2.82	ppb
Copper	63-2	89.83	86.96	84.87	87.22	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	21922.90	20923.75	20584.60	21143.75	3.29	ppb
Iron	57-2	22079.41	21027.43	20658.55	21255.13	3.47	ppb
Lead	206-1	75.58	75.13	76.01	75.57	0.58	ppb
Lead	207-1	68.44	69.13	69.13	68.90	0.58	ppb
Lead	208-1	71.97	71.77	71.75	71.83	0.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	2957.59	2853.49	2838.21	2883.10	2.25	ppb
Manganese	55-2	789.72	748.18	735.60	757.83	3.74	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.37	1.47	1.41	1.42	3.36	ppb
Molybdenum	94-1	0.80	0.74	0.78	0.77	3.83	ppb
Molybdenum	95-1	1.43	1.37	1.35	1.38	2.93	ppb
Molybdenum	96-1	1.40	1.36	1.27	1.34	4.64	ppb
Molybdenum	97-1	1.37	1.51	1.52	1.47	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.71	13.18	13.46	13.78	5.89	ppb
Phosphorus	31-2	1266.52	815.46	959.51	1013.83	22.72	ppb
Potassium	39-2	601.68	604.03	614.63	606.78	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	43.17	33.11	18.16	31.48	39.98	ppb
Selenium	78-2	3.38	3.28	3.30	3.32	1.65	ppb
Selenium	82-1	0.68	1.63	0.52	0.94	63.32	ppb
Silicon	28-1	825.09	838.36	825.19	829.55	0.92	ppb
Silver	109-1	0.86	0.87	0.89	0.87	1.81	ppb
Silver	107-1	0.84	0.86	0.85	0.85	0.77	ppb
Sodium	23-2	152.09	142.74	143.81	146.21	3.50	ppb
Strontium	86-1	31.88	32.27	31.08	31.74	1.90	ppb
Strontium	88-1	32.15	32.05	31.94	32.05	0.34	ppb
Sulfur	34-1	-5059.38	-5004.97	-5081.47	-5048.61		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.10	0.11	0.11	5.67	ppb
Thallium	205-1	0.10	0.11	0.12	0.11	7.81	ppb
Tin	118-1	15.49	15.16	15.46	15.37	1.16	ppb
Titanium	47-1	410.18	413.11	412.62	411.97	0.38	ppb
Uranium	238-1	0.59	0.59	0.60	0.59	1.08	ppb
Vanadium	51-2	33.94	31.70	32.22	32.62	3.59	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	130.80	127.59	122.77	127.05	3.18	ppb
Zirconium	90-1	0.50	0.48	0.49	0.49	2.24	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.52	0.45	0.43	0.47	10.53	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	896.28	984.41	872.75	917.81	6.41	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	34.48	ppb
Arsenic	75-2	0.15	0.12	0.18	0.15	21.48	ppb
Barium	135-1	3.18	3.18	3.44	3.27	4.52	ppb
Barium	137-1	3.16	3.42	3.46	3.34	4.82	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	22.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	11-1	-0.01	-0.01	0.10	0.03	237.86	ppb
Boron	10-1	0.69	-0.19	0.24	0.25	179.27	ppb
Cadmium	106-1	-1.42	-0.64	0.43	-0.54		ppb
Cadmium	108-1	0.05	-0.01	0.02	0.02	144.78	ppb
Cadmium	111-1	-0.10	-0.04	0.03	-0.03		ppb
Calcium	43-1	216.46	229.16	190.86	212.16	9.20	ppb
Calcium	44-1	207.60	201.69	200.57	203.29	1.86	ppb
Chromium	52-2	1.43	1.32	1.30	1.35	5.24	ppb
Cobalt	59-2	0.71	0.73	0.62	0.69	8.24	ppb
Copper	63-2	5.38	5.98	5.32	5.56	6.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2247.60	2379.54	2172.04	2266.39	4.63	ppb
Iron	57-2	2223.22	2386.78	2126.30	2245.43	5.86	ppb
Lead	206-1	0.47	0.49	0.45	0.47	4.89	ppb
Lead	207-1	0.36	0.40	0.39	0.39	5.06	ppb
Lead	208-1	0.42	0.45	0.44	0.44	2.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	541.18	554.78	512.73	536.23	4.00	ppb
Manganese	55-2	32.62	35.19	31.98	33.26	5.10	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.37	0.35	0.31	0.34	7.80	ppb
Molybdenum	94-1	0.12	0.13	0.12	0.12	2.27	ppb
Molybdenum	95-1	0.35	0.35	0.34	0.35	2.51	ppb
Molybdenum	96-1	0.32	0.33	0.27	0.31	10.51	ppb
Molybdenum	97-1	0.44	0.43	0.38	0.42	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	1.14	0.85	0.92	20.40	ppb
Phosphorus	31-2	52.55	29.77	12.17	31.50	64.28	ppb
Potassium	39-2	30.10	39.59	19.71	29.80	33.36	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	6.54	0.00	3.15	3.23	101.27	ppb
Selenium	78-2	1.57	0.60	-1.01	0.38	339.62	ppb
Selenium	82-1	-0.47	0.44	-0.14	-0.06		ppb
Silicon	28-1	48.94	45.37	46.20	46.84	3.98	ppb
Silver	109-1	0.02	0.02	0.01	0.02	11.32	ppb
Silver	107-1	0.02	0.01	0.02	0.02	48.73	ppb
Sodium	23-2	23.99	27.33	19.28	23.53	17.18	ppb
Strontium	86-1	0.71	0.75	0.70	0.72	3.36	ppb
Strontium	88-1	0.89	0.83	0.82	0.84	4.51	ppb
Sulfur	34-1	-5211.74	-5207.02	-5347.83	-5255.53		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.02	0.02	18.69	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.10	ppb
Tin	118-1	0.04	0.03	0.03	0.03	8.86	ppb
Titanium	47-1	38.00	38.13	36.86	37.66	1.86	ppb
Uranium	238-1	0.11	0.09	0.09	0.10	11.63	ppb
Vanadium	51-2	2.07	2.02	1.95	2.02	2.97	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	4.85	5.37	4.96	5.06	5.40	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	8.63	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.02	83.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	869.50	885.45	802.26	852.40	5.18	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	19.20	ppb
Arsenic	75-2	0.13	0.13	0.08	0.11	23.85	ppb
Barium	135-1	3.57	3.66	3.28	3.50	5.58	ppb
Barium	137-1	3.42	3.49	3.36	3.42	1.96	ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	18.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	0.19	-0.05	-0.07	0.02	634.25	ppb
Boron	10-1	0.39	-0.28	0.07	0.06	571.28	ppb
Cadmium	106-1	-1.71	-1.02	-0.83	-1.19		ppb
Cadmium	108-1	0.02	0.08	0.02	0.04	89.27	ppb
Cadmium	111-1	-0.12	-0.07	-0.05	-0.08		ppb
Calcium	43-1	214.96	228.45	232.12	225.18	4.01	ppb
Calcium	44-1	192.01	211.25	194.83	199.36	5.21	ppb
Chromium	52-2	1.36	1.31	1.23	1.30	5.19	ppb
Cobalt	59-2	0.65	0.70	0.70	0.68	4.31	ppb
Copper	63-2	5.16	5.22	5.19	5.19	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	2211.59	2159.97	2112.00	2161.19	2.30	ppb
Iron	57-2	2173.29	2174.51	2048.12	2131.98	3.41	ppb
Lead	206-1	0.46	0.47	0.50	0.48	4.43	ppb
Lead	207-1	0.44	0.41	0.40	0.42	4.16	ppb
Lead	208-1	0.45	0.46	0.46	0.46	1.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	543.75	514.72	510.93	523.13	3.43	ppb
Manganese	55-2	32.39	30.97	31.27	31.54	2.38	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.33	0.31	0.33	0.33	2.92	ppb
Molybdenum	94-1	0.20	0.18	0.18	0.19	5.25	ppb
Molybdenum	95-1	0.33	0.34	0.33	0.33	1.00	ppb
Molybdenum	96-1	0.32	0.31	0.27	0.30	8.10	ppb
Molybdenum	97-1	0.32	0.37	0.36	0.35	7.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.90	0.86	0.84	8.75	ppb
Phosphorus	31-2	12.61	37.33	-13.31	12.21	207.40	ppb
Potassium	39-2	18.94	28.04	8.65	18.54	52.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	3.18	1.06	173.21	ppb
Selenium	78-2	0.49	-0.03	0.50	0.32	94.97	ppb
Selenium	82-1	-0.06	-0.26	0.04	-0.09		ppb
Silicon	28-1	44.13	54.17	43.30	47.20	12.82	ppb
Silver	109-1	0.01	0.02	0.02	0.02	23.59	ppb
Silver	107-1	0.01	0.01	0.02	0.02	46.17	ppb
Sodium	23-2	20.77	20.88	19.72	20.46	3.14	ppb
Strontium	86-1	0.89	0.81	0.87	0.86	4.81	ppb
Strontium	88-1	0.82	0.86	0.82	0.84	2.95	ppb
Sulfur	34-1	-5066.08	-4738.96	-5072.63	-4959.22		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.59	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	12.78	ppb
Tin	118-1	0.01	0.01	0.03	0.02	68.26	ppb
Titanium	47-1	37.95	39.74	37.79	38.49	2.81	ppb
Uranium	238-1	0.10	0.11	0.09	0.10	10.03	ppb
Vanadium	51-2	1.99	2.00	1.97	1.99	0.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	4.54	4.54	4.45	4.51	1.12	ppb
Zirconium	90-1	0.15	0.15	0.13	0.14	6.25	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.15	0.10	0.13	19.33	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48959.35	47933.35	48752.85	48548.52	1.12	ppb
Antimony	121-1	504.66	509.88	512.38	508.97	0.77	ppb
Arsenic	75-2	474.90	478.65	483.30	478.95	0.88	ppb
Barium	135-1	2530.77	2552.94	2588.30	2557.34	1.13	ppb
Barium	137-1	2499.40	2493.57	2540.65	2511.21	1.02	ppb
Beryllium	9-1	497.75	501.11	494.26	497.71	0.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	491.43	500.81	503.20	498.48	1.25	ppb
Boron	10-1	495.37	510.96	504.62	503.65	1.56	ppb
Cadmium	106-1	515.76	508.69	505.41	509.96	1.04	ppb
Cadmium	108-1	503.84	507.67	504.83	505.45	0.39	ppb
Cadmium	111-1	500.29	497.07	500.42	499.26	0.38	ppb
Calcium	43-1	237744.50	238965.15	240015.04	238908.23	0.48	ppb
Calcium	44-1	236599.24	237687.09	240699.80	238328.71	0.89	ppb
Chromium	52-2	503.65	490.27	498.47	497.47	1.36	ppb
Cobalt	59-2	467.71	461.30	466.55	465.19	0.73	ppb
Copper	63-2	942.89	927.23	935.92	935.35	0.84	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				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	118436.45	117278.71	117024.96	117580.04	0.64	ppb
Iron	57-2	120064.48	117705.78	120899.94	119556.73	1.39	ppb
Lead	206-1	504.19	514.03	499.41	505.88	1.47	ppb
Lead	207-1	507.86	507.64	501.48	505.66	0.72	ppb
Lead	208-1	505.49	507.16	503.05	505.23	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	240790.72	232490.54	238510.67	237263.98	1.81	ppb
Manganese	55-2	988.66	971.36	983.09	981.04	0.90	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	505.13	509.68	508.70	507.83	0.47	ppb
Molybdenum	94-1	505.57	505.18	501.47	504.07	0.45	ppb
Molybdenum	95-1	504.20	503.60	503.90	503.90	0.06	ppb
Molybdenum	96-1	508.82	506.21	499.06	504.70	1.00	ppb
Molybdenum	97-1	506.72	500.19	505.36	504.09	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.69	467.72	479.00	474.47	1.26	ppb
Phosphorus	31-2	9233.85	9887.12	10380.90	9833.96	5.85	ppb
Potassium	39-2	121458.35	119853.63	121349.50	120887.16	0.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	470.07	445.90	490.42	468.80	4.75	ppb
Selenium	78-2	482.82	485.30	525.56	497.90	4.82	ppb
Selenium	82-1	493.08	498.35	492.31	494.58	0.67	ppb
Silicon	28-1	474.57	472.12	482.21	476.30	1.11	ppb
Silver	109-1	515.40	509.10	508.97	511.16	0.72	ppb
Silver	107-1	511.58	512.09	513.83	512.50	0.23	ppb
Sodium	23-2	241273.25	237305.60	239284.67	239287.84	0.83	ppb
Strontium	86-1	519.87	527.26	510.82	519.31	1.59	ppb
Strontium	88-1	515.16	513.03	513.42	513.87	0.22	ppb
Sulfur	34-1	9546.66	9393.35	9750.64	9563.55	1.87	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	505.43	509.72	502.38	505.84	0.73	ppb
Thallium	205-1	506.92	505.19	495.24	502.45	1.25	ppb
Tin	118-1	515.62	513.21	520.59	516.47	0.73	ppb
Titanium	47-1	478.96	483.95	491.51	484.80	1.30	ppb
Uranium	238-1	502.69	495.03	503.48	500.40	0.93	ppb
Vanadium	51-2	489.02	479.19	485.94	484.72	1.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	931.41	932.42	936.77	933.53	0.31	ppb
Zirconium	90-1	501.57	502.60	497.45	500.54	0.54	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.22	506.19	499.87	501.09	0.92	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.98	-2.01	1.10	-0.97		ppb
Antimony	121-1	0.12	0.13	0.11	0.12	5.85	ppb
Arsenic	75-2	0.03	0.07	0.03	0.05	48.50	ppb
Barium	135-1	0.00	0.01	0.00	0.00	140.40	ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.06	0.03	0.04	0.04	38.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	9.56	9.02	8.08	8.89	8.41	ppb
Boron	10-1	9.68	9.52	7.90	9.03	10.91	ppb
Cadmium	106-1	-1.44	-1.05	-1.58	-1.36		ppb
Cadmium	108-1	-0.01	-0.04	0.02	-0.01		ppb
Cadmium	111-1	-0.09	-0.07	-0.11	-0.09		ppb
Calcium	43-1	17.20	-4.26	-6.97	1.99	665.47	ppb
Calcium	44-1	-2.28	2.26	-4.47	-1.50		ppb
Chromium	52-2	-0.04	-0.02	-0.06	-0.04		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.05	0.01	0.02	83.51	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	1.43	0.99	1.01	1.15	21.53	ppb
Iron	57-2	1.67	2.38	-0.10	1.32	96.79	ppb
Lead	206-1	0.04	0.05	0.06	0.05	17.60	ppb
Lead	207-1	0.06	0.04	0.05	0.05	15.21	ppb
Lead	208-1	0.06	0.05	0.05	0.05	7.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.88	1.39	2.86	2.04	36.78	ppb
Manganese	55-2	-0.08	0.00	-0.03	-0.04		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.02	0.03	0.03	16.32	ppb
Molybdenum	94-1	0.04	0.06	0.03	0.04	28.99	ppb
Molybdenum	95-1	0.05	0.02	0.01	0.03	75.87	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.03	41.23	ppb
Molybdenum	97-1	0.07	0.09	0.11	0.09	21.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.00	0.02	120.98	ppb
Phosphorus	31-2	-12.67	-12.97	25.76	0.04	54842.15	ppb
Potassium	39-2	9.53	8.38	6.16	8.02	21.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	3.21	0.00	1.07	173.21	ppb
Selenium	78-2	1.01	0.00	-0.51	0.17	466.06	ppb
Selenium	82-1	-0.29	0.09	-0.15	-0.12		ppb
Silicon	28-1	-18.48	-16.85	-18.78	-18.04		ppb
Silver	109-1	0.03	0.04	0.02	0.03	30.26	ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.52	ppb
Sodium	23-2	67.06	56.93	54.05	59.35	11.52	ppb
Strontium	86-1	-0.04	-0.02	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	13.45	ppb
Sulfur	34-1	-2327.96	-2072.27	-2347.40	-2249.21		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.06	0.07	10.53	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	14.91	ppb
Tin	118-1	0.07	0.10	0.07	0.08	18.54	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	248.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	94.44	ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	850.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.14	0.05	0.15	0.12	47.89	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	15.94	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.04	0.05	31.43	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	873.68	891.19	870.22	878.36	1.28	ppb
Antimony	121-1	1.04	0.99	0.92	0.98	6.18	ppb
Arsenic	75-2	0.44	0.44	0.52	0.47	9.75	ppb
Barium	135-1	22.75	23.31	22.82	22.96	1.32	ppb
Barium	137-1	23.34	22.96	22.29	22.86	2.31	ppb
Beryllium	9-1	0.56	0.45	0.52	0.51	10.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	1.12	1.23	0.96	1.10	12.18	ppb
Boron	10-1	3.12	0.67	0.92	1.57	85.56	ppb
Cadmium	106-1	0.68	-0.70	-0.59	-0.20		ppb
Cadmium	108-1	0.58	0.42	0.61	0.54	19.40	ppb
Cadmium	111-1	0.55	0.40	0.41	0.46	18.59	ppb
Calcium	43-1	214.23	201.13	209.49	208.28	3.18	ppb
Calcium	44-1	204.77	201.38	193.94	200.03	2.77	ppb
Chromium	52-2	3.24	3.25	3.19	3.23	0.99	ppb
Cobalt	59-2	5.43	5.62	5.24	5.43	3.47	ppb
Copper	63-2	7.02	7.58	7.17	7.26	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2113.55	2232.21	2093.59	2146.45	3.49	ppb
Iron	57-2	2124.40	2202.73	2069.54	2132.22	3.14	ppb
Lead	206-1	0.73	0.81	0.73	0.76	5.65	ppb
Lead	207-1	0.65	0.65	0.68	0.66	2.30	ppb
Lead	208-1	0.72	0.75	0.76	0.74	2.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	481.69	497.71	497.34	492.25	1.86	ppb
Manganese	55-2	35.56	36.46	33.30	35.11	4.64	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.33	0.32	0.31	0.32	3.38	ppb
Molybdenum	94-1	0.10	0.13	0.14	0.12	16.40	ppb
Molybdenum	95-1	0.35	0.32	0.30	0.32	8.48	ppb
Molybdenum	96-1	0.31	0.24	0.30	0.28	12.73	ppb
Molybdenum	97-1	0.37	0.40	0.43	0.40	7.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.83	5.95	5.73	5.84	1.92	ppb
Phosphorus	31-2	25.38	40.37	36.60	34.12	22.86	ppb
Potassium	39-2	44.08	42.64	34.95	40.56	12.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	9.28	6.63	6.23	7.38	22.46	ppb
Selenium	78-2	2.90	1.09	1.94	1.98	45.97	ppb
Selenium	82-1	0.81	1.38	2.00	1.40	42.63	ppb
Silicon	28-1	49.80	47.83	45.89	47.84	4.09	ppb
Silver	109-1	0.38	0.41	0.40	0.40	3.66	ppb
Silver	107-1	0.39	0.42	0.40	0.40	3.33	ppb
Sodium	23-2	33.44	37.00	34.91	35.12	5.09	ppb
Strontium	86-1	0.66	0.74	0.81	0.74	10.71	ppb
Strontium	88-1	0.78	0.80	0.81	0.80	2.26	ppb
Sulfur	34-1	-2447.79	-2511.27	-2365.55	-2441.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.50	0.56	0.47	0.51	8.85	ppb
Thallium	205-1	0.50	0.50	0.49	0.49	1.61	ppb
Tin	118-1	0.05	0.05	0.03	0.04	33.67	ppb
Titanium	47-1	36.78	36.80	36.55	36.71	0.38	ppb
Uranium	238-1	0.09	0.10	0.11	0.10	13.47	ppb
Vanadium	51-2	6.96	7.09	6.35	6.80	5.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	9.67	9.80	8.76	9.41	6.00	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	2.71	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.02	0.05	58.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.84	177.48	180.62	173.98	5.13	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.83	ppb
Arsenic	75-2	0.04	0.03	0.00	0.02	105.62	ppb
Barium	135-1	0.68	0.64	0.60	0.64	5.83	ppb
Barium	137-1	0.66	0.58	0.69	0.64	8.93	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	55.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.73	0.84	0.74	0.77	8.28	ppb
Boron	10-1	0.82	0.60	0.10	0.51	72.75	ppb
Cadmium	106-1	-1.34	-0.94	-1.99	-1.42		ppb
Cadmium	108-1	-0.01	0.02	0.05	0.02	150.10	ppb
Cadmium	111-1	-0.10	-0.06	-0.14	-0.10		ppb
Calcium	43-1	46.70	41.32	55.12	47.71	14.58	ppb
Calcium	44-1	35.76	36.52	33.78	35.35	4.01	ppb
Chromium	52-2	0.29	0.06	0.17	0.17	66.04	ppb
Cobalt	59-2	0.12	0.14	0.12	0.13	8.49	ppb
Copper	63-2	0.99	0.94	0.99	0.98	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	408.73	409.98	405.21	407.97	0.61	ppb
Iron	57-2	424.33	429.40	441.56	431.76	2.05	ppb
Lead	206-1	0.16	0.14	0.14	0.15	9.83	ppb
Lead	207-1	0.13	0.15	0.15	0.14	6.77	ppb
Lead	208-1	0.15	0.15	0.13	0.14	6.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	103.43	107.83	97.51	102.92	5.03	ppb
Manganese	55-2	5.65	6.72	5.83	6.07	9.43	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.07	0.08	0.06	0.07	11.75	ppb
Molybdenum	94-1	0.02	0.01	0.02	0.01	50.89	ppb
Molybdenum	95-1	0.04	0.06	0.08	0.06	32.80	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	20.05	ppb
Molybdenum	97-1	0.09	0.09	0.11	0.10	15.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.20	0.19	0.21	14.72	ppb
Phosphorus	31-2	-25.72	24.55	-13.29	-4.82		ppb
Potassium	39-2	-1.94	6.59	-10.24	-1.86		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.02	0.50	-0.01		ppb
Selenium	82-1	-0.32	0.48	0.24	0.13	310.33	ppb
Silicon	28-1	-4.77	-4.34	-3.59	-4.23		ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.73	ppb
Silver	107-1	0.01	0.02	0.01	0.01	24.23	ppb
Sodium	23-2	22.09	24.73	24.68	23.84	6.34	ppb
Strontium	86-1	0.11	0.16	0.17	0.15	23.91	ppb
Strontium	88-1	0.17	0.17	0.17	0.17	2.10	ppb
Sulfur	34-1	-2557.84	-2592.67	-2559.44	-2569.98		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.00	0.02	0.02	74.42	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	9.39	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	7.24	7.33	7.31	7.30	0.65	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.87	ppb
Vanadium	51-2	0.41	0.44	0.40	0.42	5.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1.20	0.88	1.01	1.03	15.73	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	25.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.00	0.01	78.05	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	465.54	518.58	486.04	490.05	5.46	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.82	ppb
Arsenic	75-2	0.17	0.14	0.12	0.14	17.28	ppb
Barium	135-1	4.13	4.29	4.03	4.15	3.17	ppb
Barium	137-1	4.21	3.94	4.16	4.10	3.40	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	5.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	1.02	0.83	1.07	0.97	13.28	ppb
Boron	10-1	1.07	1.47	1.51	1.35	18.19	ppb
Cadmium	106-1	-0.61	-0.58	0.10	-0.37		ppb
Cadmium	108-1	-0.01	0.07	0.05	0.04	112.69	ppb
Cadmium	111-1	-0.03	-0.04	0.01	-0.02		ppb
Calcium	43-1	294.83	281.79	273.90	283.50	3.73	ppb
Calcium	44-1	287.80	277.11	281.14	282.01	1.91	ppb
Chromium	52-2	0.76	0.81	0.88	0.82	7.49	ppb
Cobalt	59-2	0.35	0.32	0.37	0.35	7.08	ppb
Copper	63-2	1.51	1.54	1.54	1.53	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				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	888.69	888.26	890.40	889.12	0.13	ppb
Iron	57-2	907.73	910.92	925.21	914.62	1.02	ppb
Lead	206-1	0.66	0.66	0.64	0.65	1.87	ppb
Lead	207-1	0.62	0.63	0.62	0.62	1.47	ppb
Lead	208-1	0.62	0.63	0.62	0.62	1.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	255.25	260.52	247.98	254.58	2.47	ppb
Manganese	55-2	12.24	11.70	12.13	12.02	2.38	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.04	0.06	0.05	15.26	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	17.67	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	20.85	ppb
Molybdenum	96-1	0.01	0.06	0.02	0.03	80.84	ppb
Molybdenum	97-1	0.11	0.09	0.10	0.10	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.70	0.73	0.74	5.25	ppb
Phosphorus	31-2	72.84	11.56	12.06	32.15	109.59	ppb
Potassium	39-2	9.35	32.58	40.21	27.38	58.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	3.11	6.21	0.00	3.11	99.97	ppb
Selenium	78-2	0.96	-0.52	0.47	0.30	251.31	ppb
Selenium	82-1	-0.63	0.51	0.00	-0.04		ppb
Silicon	28-1	30.96	28.24	27.44	28.88	6.40	ppb
Silver	109-1	0.01	0.02	0.02	0.02	34.59	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.56	ppb
Sodium	23-2	24.98	27.78	33.30	28.69	14.75	ppb
Strontium	86-1	1.06	0.93	0.93	0.97	7.67	ppb
Strontium	88-1	1.05	1.05	1.05	1.05	0.39	ppb
Sulfur	34-1	-2223.29	-2456.15	-2399.71	-2359.72		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.03	0.01	0.02	52.41	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.60	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	751.28	ppb
Titanium	47-1	12.99	13.14	12.90	13.01	0.91	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	7.08	ppb
Vanadium	51-2	1.10	1.18	1.16	1.15	3.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2.44	2.57	2.98	2.66	10.57	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	15.45	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.01	0.03	66.58	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	560.77	526.54	536.52	541.28	3.25	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.51	ppb
Arsenic	75-2	0.34	0.25	0.31	0.30	14.75	ppb
Barium	135-1	5.70	6.08	5.55	5.78	4.76	ppb
Barium	137-1	5.54	5.94	5.23	5.57	6.31	ppb
Beryllium	9-1	0.04	0.08	0.06	0.06	41.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	11-1	0.96	0.80	1.28	1.02	24.24	ppb
Boron	10-1	0.85	0.36	0.04	0.42	97.71	ppb
Cadmium	106-1	-0.03	-0.85	-0.73	-0.54		ppb
Cadmium	108-1	0.05	0.11	0.05	0.07	55.50	ppb
Cadmium	111-1	0.01	-0.04	-0.03	-0.02		ppb
Calcium	43-1	860.06	920.92	833.71	871.56	5.13	ppb
Calcium	44-1	844.37	944.31	838.30	875.66	6.80	ppb
Chromium	52-2	0.71	0.84	0.83	0.79	9.20	ppb
Cobalt	59-2	0.39	0.36	0.38	0.38	3.88	ppb
Copper	63-2	1.34	1.31	1.34	1.33	1.31	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				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	1090.11	1087.99	1074.23	1084.11	0.80	ppb
Iron	57-2	1109.28	1131.44	1084.31	1108.34	2.13	ppb
Lead	206-1	1.31	1.46	1.20	1.32	9.99	ppb
Lead	207-1	1.18	1.38	1.25	1.27	8.05	ppb
Lead	208-1	1.25	1.39	1.21	1.28	7.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	501.34	489.27	492.26	494.29	1.27	ppb
Manganese	55-2	45.96	45.73	46.00	45.90	0.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.07	0.07	0.07	0.07	4.39	ppb
Molybdenum	94-1	0.05	0.05	0.04	0.05	12.90	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	10.21	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	12.52	ppb
Molybdenum	97-1	0.12	0.12	0.09	0.11	13.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.66	0.61	0.60	9.25	ppb
Phosphorus	31-2	24.37	36.78	11.29	24.15	52.79	ppb
Potassium	39-2	37.03	32.28	33.52	34.27	7.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	6.23	0.00	0.00	2.08	173.21	ppb
Selenium	78-2	-1.01	-0.03	1.44	0.13	930.49	ppb
Selenium	82-1	-0.66	-0.23	-0.29	-0.39		ppb
Silicon	28-1	35.16	49.84	34.70	39.90	21.58	ppb
Silver	109-1	0.02	0.03	0.02	0.02	34.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.92	ppb
Sodium	23-2	23.63	26.43	25.47	25.18	5.67	ppb
Strontium	86-1	1.48	1.64	1.48	1.54	6.01	ppb
Strontium	88-1	1.46	1.56	1.44	1.49	4.48	ppb
Sulfur	34-1	-2400.57	-1167.58	-2362.98	-1977.04		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.04	0.01	0.02	68.04	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	26.88	ppb
Tin	118-1	0.05	0.04	0.06	0.05	14.11	ppb
Titanium	47-1	16.03	17.30	15.77	16.36	5.00	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	9.02	ppb
Vanadium	51-2	1.57	1.60	1.45	1.54	5.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	6.56	6.36	6.35	6.42	1.87	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	10.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.02	0.03	66.74	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.23	458.13	453.51	460.96	1.99	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	27.42	ppb
Arsenic	75-2	0.25	0.21	0.33	0.26	21.67	ppb
Barium	135-1	6.47	7.07	6.48	6.67	5.15	ppb
Barium	137-1	6.29	6.46	6.46	6.41	1.54	ppb
Beryllium	9-1	0.07	0.03	0.07	0.05	42.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	0.24	0.18	0.27	0.23	19.17	ppb
Boron	10-1	0.43	0.15	0.43	0.34	48.42	ppb
Cadmium	106-1	-0.31	-1.14	-0.20	-0.55		ppb
Cadmium	108-1	0.07	0.08	0.16	0.10	45.57	ppb
Cadmium	111-1	-0.01	-0.07	-0.01	-0.03		ppb
Calcium	43-1	441.27	491.43	439.59	457.43	6.44	ppb
Calcium	44-1	457.79	470.45	446.79	458.34	2.58	ppb
Chromium	52-2	0.94	0.94	0.87	0.91	4.00	ppb
Cobalt	59-2	0.37	0.38	0.39	0.38	2.02	ppb
Copper	63-2	1.60	1.47	1.60	1.56	4.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	984.41	996.94	1006.30	995.88	1.10	ppb
Iron	57-2	997.41	995.43	1020.27	1004.37	1.37	ppb
Lead	206-1	1.29	1.31	1.25	1.28	2.61	ppb
Lead	207-1	1.10	1.23	1.19	1.17	5.38	ppb
Lead	208-1	1.23	1.30	1.23	1.25	3.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	284.63	305.18	297.68	295.83	3.52	ppb
Manganese	55-2	32.43	33.46	35.15	33.68	4.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.05	0.04	0.04	13.33	ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	24.47	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	29.25	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	22.10	ppb
Molybdenum	97-1	0.07	0.09	0.10	0.09	14.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.63	0.56	0.59	5.40	ppb
Phosphorus	31-2	35.85	48.92	12.04	32.27	57.94	ppb
Potassium	39-2	35.98	31.79	35.05	34.27	6.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	0.46	1.47	0.47	211.59	ppb
Selenium	82-1	0.52	-0.25	-0.10	0.06	726.57	ppb
Silicon	28-1	43.88	46.45	42.16	44.16	4.88	ppb
Silver	109-1	0.03	0.02	0.02	0.02	15.46	ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.71	ppb
Sodium	23-2	24.55	20.79	21.88	22.41	8.63	ppb
Strontium	86-1	1.54	1.74	1.70	1.66	6.33	ppb
Strontium	88-1	1.69	1.75	1.68	1.71	2.23	ppb
Sulfur	34-1	-2439.39	-2088.82	-2622.89	-2383.70		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	28.74	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.76	ppb
Tin	118-1	0.07	0.05	0.05	0.06	19.72	ppb
Titanium	47-1	18.24	19.30	19.56	19.03	3.67	ppb
Uranium	238-1	0.02	0.04	0.02	0.03	24.71	ppb
Vanadium	51-2	1.23	1.14	1.02	1.13	9.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4.63	5.60	5.57	5.27	10.47	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	2.36	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.05	29.04	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1072.31	1066.39	1041.91	1060.20	1.52	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	18.38	ppb
Arsenic	75-2	0.09	0.02	0.13	0.08	69.78	ppb
Barium	135-1	22.24	22.38	22.33	22.32	0.33	ppb
Barium	137-1	22.11	22.14	21.74	22.00	1.00	ppb
Beryllium	9-1	0.09	0.10	0.11	0.10	8.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	0.40	-0.09	-0.08	0.07	371.15	ppb
Boron	10-1	-0.06	0.52	0.03	0.16	189.04	ppb
Cadmium	106-1	-1.36	-0.56	-1.84	-1.25		ppb
Cadmium	108-1	-0.04	0.05	0.02	0.01	471.67	ppb
Cadmium	111-1	-0.09	-0.03	-0.12	-0.08		ppb
Calcium	43-1	381.62	369.82	383.37	378.27	1.95	ppb
Calcium	44-1	376.20	376.01	376.88	376.36	0.12	ppb
Chromium	52-2	0.29	0.42	0.34	0.35	19.16	ppb
Cobalt	59-2	1.27	1.41	1.34	1.34	5.48	ppb
Copper	63-2	3.10	3.08	3.04	3.08	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2909.78	2997.98	2971.28	2959.68	1.53	ppb
Iron	57-2	2899.83	2994.99	2941.54	2945.45	1.62	ppb
Lead	206-1	0.47	0.59	0.56	0.54	11.47	ppb
Lead	207-1	0.51	0.48	0.57	0.52	8.74	ppb
Lead	208-1	0.52	0.53	0.56	0.54	4.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	467.42	482.87	458.75	469.68	2.60	ppb
Manganese	55-2	100.46	103.37	104.43	102.75	2.00	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.12	0.11	0.11	0.12	5.00	ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	19.63	ppb
Molybdenum	95-1	0.10	0.11	0.10	0.10	9.03	ppb
Molybdenum	96-1	0.10	0.09	0.13	0.10	20.30	ppb
Molybdenum	97-1	0.16	0.15	0.13	0.15	7.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.84	0.88	0.81	10.89	ppb
Phosphorus	31-2	11.46	38.41	63.47	37.78	68.84	ppb
Potassium	39-2	74.94	60.92	54.48	63.45	16.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	3.11	0.00	6.36	3.15	100.78	ppb
Selenium	78-2	0.96	1.48	-0.01	0.81	93.39	ppb
Selenium	82-1	0.34	-0.71	-0.51	-0.29		ppb
Silicon	28-1	34.87	34.45	32.75	34.02	3.29	ppb
Silver	109-1	0.02	0.01	0.00	0.01	51.27	ppb
Silver	107-1	0.01	0.00	0.01	0.01	56.49	ppb
Sodium	23-2	35.13	38.88	36.48	36.83	5.16	ppb
Strontium	86-1	3.15	3.12	2.93	3.06	3.97	ppb
Strontium	88-1	3.13	3.18	3.07	3.13	1.64	ppb
Sulfur	34-1	-2643.18	-2688.26	-2679.55	-2670.33		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	40.60	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.13	ppb
Tin	118-1	0.02	0.01	0.02	0.02	37.34	ppb
Titanium	47-1	22.69	23.35	22.68	22.91	1.67	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.57	ppb
Vanadium	51-2	1.50	1.69	1.84	1.68	10.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	6.43	6.86	7.00	6.76	4.42	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	24.01	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.01	0.02	59.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.96	485.36	467.37	480.56	2.41	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	49.44	ppb
Arsenic	75-2	0.28	0.23	0.32	0.28	17.35	ppb
Barium	135-1	3.72	3.72	3.47	3.64	3.94	ppb
Barium	137-1	3.59	3.65	3.62	3.62	0.87	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	15.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	0.02	0.08	-0.07	0.01	548.10	ppb
Boron	10-1	0.25	-0.07	-0.50	-0.10		ppb
Cadmium	106-1	-0.09	-0.46	-0.29	-0.28		ppb
Cadmium	108-1	0.13	-0.01	-0.01	0.04	215.13	ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	1950.94	1938.25	1944.81	1944.67	0.33	ppb
Calcium	44-1	1964.13	1941.66	1970.10	1958.63	0.77	ppb
Chromium	52-2	1.10	0.99	0.94	1.01	8.30	ppb
Cobalt	59-2	0.40	0.41	0.37	0.40	5.10	ppb
Copper	63-2	1.18	1.27	1.17	1.21	4.31	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	1287.43	1293.24	1269.32	1283.33	0.97	ppb
Iron	57-2	1329.29	1338.06	1293.62	1320.32	1.78	ppb
Lead	206-1	0.78	0.71	0.75	0.74	4.87	ppb
Lead	207-1	0.64	0.66	0.70	0.67	4.60	ppb
Lead	208-1	0.69	0.69	0.71	0.70	1.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	1327.28	1273.85	1243.84	1281.66	3.30	ppb
Manganese	55-2	36.95	38.58	37.17	37.57	2.36	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.06	0.05	0.05	13.91	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	18.34	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	12.18	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	19.71	ppb
Molybdenum	97-1	0.09	0.11	0.11	0.10	11.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.72	0.65	0.68	5.13	ppb
Phosphorus	31-2	-0.43	50.20	-25.72	8.01	482.39	ppb
Potassium	39-2	59.06	54.78	42.41	52.09	16.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.03	-0.03	-0.19		ppb
Selenium	82-1	-0.46	-0.11	-0.09	-0.22		ppb
Silicon	28-1	24.67	25.07	25.68	25.14	2.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.23	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.32	ppb
Sodium	23-2	26.31	25.18	21.35	24.28	10.70	ppb
Strontium	86-1	1.82	1.64	1.81	1.76	5.92	ppb
Strontium	88-1	1.88	1.81	1.84	1.84	1.72	ppb
Sulfur	34-1	-2798.54	-2775.52	-2632.63	-2735.56		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.02	0.02	35.65	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.47	ppb
Tin	118-1	0.01	0.65	0.20	0.28	114.76	ppb
Titanium	47-1	17.70	17.16	17.40	17.42	1.57	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.34	ppb
Vanadium	51-2	1.35	1.57	1.31	1.41	9.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	3.33	3.41	3.46	3.40	1.99	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	10.41	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	14.23	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	941.89	901.00	929.29	924.06	2.27	ppb
Antimony	121-1	0.02	0.00	0.02	0.01	58.53	ppb
Arsenic	75-2	0.18	0.23	0.23	0.21	13.40	ppb
Barium	135-1	5.92	6.09	6.10	6.04	1.75	ppb
Barium	137-1	5.87	6.19	6.16	6.07	2.94	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	8.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.19	-0.21	-0.22	-0.21		ppb
Boron	10-1	-0.15	0.16	0.26	0.09	231.09	ppb
Cadmium	106-1	-0.90	-0.05	-1.45	-0.80		ppb
Cadmium	108-1	-0.01	0.05	0.02	0.02	147.48	ppb
Cadmium	111-1	-0.05	0.00	-0.10	-0.05		ppb
Calcium	43-1	2008.54	1991.72	1984.40	1994.88	0.62	ppb
Calcium	44-1	2006.37	2017.34	2020.01	2014.57	0.36	ppb
Chromium	52-2	1.84	1.66	1.62	1.71	6.68	ppb
Cobalt	59-2	0.98	0.98	1.01	0.99	1.91	ppb
Copper	63-2	4.20	4.05	4.00	4.08	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	2393.67	2337.22	2361.19	2364.03	1.20	ppb
Iron	57-2	2333.57	2369.80	2305.54	2336.31	1.38	ppb
Lead	206-1	0.61	0.65	0.70	0.65	7.45	ppb
Lead	207-1	0.55	0.62	0.64	0.60	8.23	ppb
Lead	208-1	0.59	0.65	0.69	0.64	7.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	756.75	725.33	755.28	745.79	2.38	ppb
Manganese	55-2	89.75	89.68	89.39	89.61	0.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.10	0.08	0.09	9.06	ppb
Molybdenum	94-1	0.07	0.07	0.05	0.06	17.73	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	13.46	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	11.40	ppb
Molybdenum	97-1	0.11	0.11	0.14	0.12	12.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.02	0.88	0.98	8.90	ppb
Phosphorus	31-2	61.78	122.84	111.25	98.62	32.88	ppb
Potassium	39-2	41.41	54.38	35.40	43.73	22.18	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	15.55	3.10	6.25	8.30	78.06	ppb
Selenium	78-2	1.45	-0.03	-0.03	0.46	184.35	ppb
Selenium	82-1	0.13	-0.07	-0.43	-0.12		ppb
Silicon	28-1	37.80	35.95	40.31	38.02	5.76	ppb
Silver	109-1	0.01	0.00	0.01	0.01	37.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	49.64	ppb
Sodium	23-2	89.08	91.33	90.04	90.15	1.25	ppb
Strontium	86-1	1.50	1.40	1.42	1.44	3.68	ppb
Strontium	88-1	1.46	1.46	1.47	1.47	0.28	ppb
Sulfur	34-1	-2562.21	-2558.76	-2600.67	-2573.88		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	21.41	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.10	ppb
Tin	118-1	0.09	0.09	0.10	0.09	10.65	ppb
Titanium	47-1	44.07	43.89	44.26	44.07	0.42	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	1.55	ppb
Vanadium	51-2	3.15	3.06	3.18	3.13	1.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	5.26	5.30	5.13	5.23	1.73	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	14.43	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.04	0.06	26.13	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	820.77	786.51	781.87	796.38	2.67	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	31.65	ppb
Arsenic	75-2	0.15	0.09	0.09	0.11	30.57	ppb
Barium	135-1	3.66	3.44	3.69	3.59	3.76	ppb
Barium	137-1	3.65	3.69	3.61	3.65	1.13	ppb
Beryllium	9-1	0.09	0.04	0.07	0.07	36.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	-0.23	-0.43	-0.38	-0.35		ppb
Boron	10-1	-0.69	-0.11	-0.42	-0.41		ppb
Cadmium	106-1	-1.60	-1.44	-0.62	-1.22		ppb
Cadmium	108-1	0.08	-0.04	0.02	0.02	297.04	ppb
Cadmium	111-1	-0.11	-0.09	-0.04	-0.08		ppb
Calcium	43-1	250.72	205.12	224.07	226.64	10.11	ppb
Calcium	44-1	216.46	216.09	214.74	215.76	0.42	ppb
Chromium	52-2	1.11	1.08	1.12	1.10	2.00	ppb
Cobalt	59-2	0.75	0.79	0.75	0.77	2.86	ppb
Copper	63-2	4.58	4.67	4.66	4.64	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				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	2072.00	2082.15	2111.88	2088.67	0.99	ppb
Iron	57-2	2069.68	2003.16	2091.12	2054.66	2.23	ppb
Lead	206-1	0.55	0.58	0.58	0.57	3.33	ppb
Lead	207-1	0.48	0.39	0.49	0.45	11.89	ppb
Lead	208-1	0.51	0.50	0.53	0.51	2.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	380.21	381.80	388.71	383.57	1.18	ppb
Manganese	55-2	27.06	27.49	28.89	27.81	3.44	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.15	0.17	0.14	0.15	9.00	ppb
Molybdenum	94-1	0.07	0.07	0.05	0.06	13.79	ppb
Molybdenum	95-1	0.10	0.14	0.15	0.13	18.96	ppb
Molybdenum	96-1	0.10	0.12	0.14	0.12	16.64	ppb
Molybdenum	97-1	0.17	0.17	0.19	0.17	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.07	1.04	1.06	1.91	ppb
Phosphorus	31-2	11.52	97.58	12.29	40.46	122.26	ppb
Potassium	39-2	42.38	32.47	31.38	35.41	17.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	6.27	3.12	3.13	100.13	ppb
Selenium	78-2	-1.01	-0.52	-0.52	-0.68		ppb
Selenium	82-1	-0.35	0.73	0.14	0.17	309.38	ppb
Silicon	28-1	48.98	50.75	42.44	47.39	9.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.79	ppb
Silver	107-1	0.01	0.00	0.01	0.01	87.56	ppb
Sodium	23-2	22.34	21.25	23.56	22.38	5.16	ppb
Strontium	86-1	1.22	1.04	1.08	1.12	8.30	ppb
Strontium	88-1	1.16	1.15	1.14	1.15	0.93	ppb
Sulfur	34-1	-2603.72	-2702.88	-2841.62	-2716.07		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.03	0.02	0.02	52.85	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	7.49	ppb
Tin	118-1	0.03	0.01	0.01	0.02	78.79	ppb
Titanium	47-1	33.76	32.09	32.19	32.68	2.88	ppb
Uranium	238-1	0.19	0.22	0.21	0.21	7.46	ppb
Vanadium	51-2	2.04	2.01	2.06	2.04	1.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4.29	4.46	4.48	4.41	2.39	ppb
Zirconium	90-1	0.10	0.03	0.03	0.05	73.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.04	11.22	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	873.73	848.13	835.85	852.57	2.27	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.25	ppb
Arsenic	75-2	0.46	0.47	0.42	0.45	5.47	ppb
Barium	135-1	10.08	10.16	10.26	10.17	0.90	ppb
Barium	137-1	9.88	9.71	9.84	9.81	0.94	ppb
Beryllium	9-1	0.06	0.08	0.08	0.07	17.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	-0.17	-0.39	-0.44	-0.33		ppb
Boron	10-1	-0.32	-0.33	-0.31	-0.32		ppb
Cadmium	106-1	-1.25	-0.68	-0.58	-0.83		ppb
Cadmium	108-1	0.11	0.08	0.14	0.11	28.32	ppb
Cadmium	111-1	-0.04	-0.01	-0.01	-0.02		ppb
Calcium	43-1	281.77	265.61	261.54	269.64	3.97	ppb
Calcium	44-1	272.77	265.88	265.82	268.15	1.49	ppb
Chromium	52-2	1.03	1.14	1.13	1.10	5.28	ppb
Cobalt	59-2	0.59	0.54	0.59	0.57	5.53	ppb
Copper	63-2	1.88	1.87	1.86	1.87	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				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	1704.57	1668.15	1664.85	1679.19	1.31	ppb
Iron	57-2	1657.01	1677.94	1708.30	1681.08	1.53	ppb
Lead	206-1	2.50	2.50	2.49	2.50	0.22	ppb
Lead	207-1	2.25	2.14	2.38	2.26	5.34	ppb
Lead	208-1	2.39	2.38	2.41	2.39	0.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	134.75	132.31	135.08	134.04	1.13	ppb
Manganese	55-2	57.76	55.53	57.54	56.94	2.15	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.05	0.06	0.05	12.36	ppb
Molybdenum	94-1	0.03	0.05	0.05	0.04	20.13	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	9.16	ppb
Molybdenum	96-1	0.02	0.05	0.05	0.04	41.89	ppb
Molybdenum	97-1	0.12	0.09	0.10	0.10	14.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.71	0.69	0.72	4.24	ppb
Phosphorus	31-2	37.14	36.02	11.48	28.21	51.41	ppb
Potassium	39-2	26.92	12.79	12.49	17.40	47.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	15.56	5.19	173.21	ppb
Selenium	78-2	-0.02	0.45	0.96	0.46	105.60	ppb
Selenium	82-1	0.14	-0.20	-0.55	-0.20		ppb
Silicon	28-1	40.63	36.93	33.26	36.94	9.97	ppb
Silver	109-1	0.01	0.00	0.01	0.01	55.25	ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.30	ppb
Sodium	23-2	46.84	46.22	42.67	45.24	4.98	ppb
Strontium	86-1	1.64	1.54	1.58	1.59	3.05	ppb
Strontium	88-1	1.65	1.65	1.66	1.65	0.29	ppb
Sulfur	34-1	-2958.97	-2880.45	-2943.00	-2927.47		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.00	0.01	55.99	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.91	ppb
Tin	118-1	0.04	0.03	0.03	0.04	16.37	ppb
Titanium	47-1	19.38	19.65	18.92	19.32	1.93	ppb
Uranium	238-1	0.04	0.05	0.04	0.05	9.60	ppb
Vanadium	51-2	2.09	2.09	2.06	2.08	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	7.31	7.53	7.79	7.54	3.18	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	12.59	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	15.52	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	794.69	774.26	790.83	786.60	1.38	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	13.72	ppb
Arsenic	75-2	0.36	0.39	0.51	0.42	19.29	ppb
Barium	135-1	8.96	9.27	8.72	8.99	3.07	ppb
Barium	137-1	8.49	8.87	8.98	8.78	2.91	ppb
Beryllium	9-1	0.04	0.06	0.04	0.04	25.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	-0.26	-0.44	-0.50	-0.40		ppb
Boron	10-1	-0.64	-0.22	-0.44	-0.44		ppb
Cadmium	106-1	0.21	-0.11	-0.75	-0.22		ppb
Cadmium	108-1	0.14	0.17	0.11	0.14	22.22	ppb
Cadmium	111-1	0.09	0.10	0.05	0.08	32.50	ppb
Calcium	43-1	101.67	87.39	90.73	93.26	8.01	ppb
Calcium	44-1	92.60	90.74	79.79	87.71	7.89	ppb
Chromium	52-2	5.48	5.37	5.89	5.58	4.90	ppb
Cobalt	59-2	0.31	0.27	0.34	0.31	11.80	ppb
Copper	63-2	7.77	7.62	8.17	7.86	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1175.65	1155.20	1210.31	1180.39	2.36	ppb
Iron	57-2	1173.74	1176.05	1209.15	1186.31	1.67	ppb
Lead	206-1	9.88	9.54	9.79	9.74	1.79	ppb
Lead	207-1	9.04	8.79	8.87	8.90	1.42	ppb
Lead	208-1	9.34	9.15	9.27	9.25	1.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	131.49	132.73	140.17	134.80	3.48	ppb
Manganese	55-2	86.06	85.02	91.49	87.52	3.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.07	0.09	0.09	17.56	ppb
Molybdenum	94-1	0.05	0.05	0.04	0.05	17.14	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	14.76	ppb
Molybdenum	96-1	0.08	0.08	0.11	0.09	19.16	ppb
Molybdenum	97-1	0.12	0.10	0.12	0.11	7.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.58	0.57	0.63	16.20	ppb
Phosphorus	31-2	100.76	209.62	208.90	173.09	36.19	ppb
Potassium	39-2	17.05	21.69	15.49	18.08	17.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	3.12	0.00	0.00	1.04	173.21	ppb
Selenium	78-2	-0.52	-1.01	-1.01	-0.85		ppb
Selenium	82-1	0.47	0.02	-0.69	-0.07		ppb
Silicon	28-1	48.67	43.18	39.84	43.90	10.16	ppb
Silver	109-1	0.26	0.30	0.26	0.27	7.59	ppb
Silver	107-1	0.29	0.31	0.27	0.29	5.86	ppb
Sodium	23-2	18.92	20.08	17.09	18.70	8.08	ppb
Strontium	86-1	1.02	1.15	1.14	1.10	6.51	ppb
Strontium	88-1	1.15	1.14	1.10	1.13	2.40	ppb
Sulfur	34-1	-2588.83	-2873.82	-2997.69	-2820.11		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	27.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.97	ppb
Tin	118-1	3.13	3.21	3.08	3.14	2.06	ppb
Titanium	47-1	10.58	10.46	10.89	10.64	2.07	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.70	ppb
Vanadium	51-2	1.49	1.54	1.69	1.57	6.48	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	6.37	5.37	5.76	5.83	8.67	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	14.92	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	46.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.34	426.64	471.23	457.41	5.83	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	16.10	ppb
Arsenic	75-2	0.15	0.24	0.20	0.20	21.64	ppb
Barium	135-1	6.07	6.35	6.04	6.15	2.84	ppb
Barium	137-1	6.01	6.56	6.14	6.24	4.56	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	25.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	-0.37	-0.09	-0.24	-0.23		ppb
Boron	10-1	-0.33	-0.33	-0.28	-0.31		ppb
Cadmium	106-1	-0.83	-1.20	-0.64	-0.89		ppb
Cadmium	108-1	0.13	-0.01	0.02	0.05	156.35	ppb
Cadmium	111-1	-0.05	-0.07	-0.03	-0.05		ppb
Calcium	43-1	318.95	320.64	319.56	319.72	0.27	ppb
Calcium	44-1	305.78	318.23	304.81	309.61	2.42	ppb
Chromium	52-2	0.40	0.43	0.40	0.41	4.41	ppb
Cobalt	59-2	0.40	0.35	0.36	0.37	6.28	ppb
Copper	63-2	1.49	1.42	1.49	1.47	3.02	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				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	1023.61	1013.07	991.48	1009.39	1.62	ppb
Iron	57-2	1051.73	1029.08	1032.22	1037.68	1.18	ppb
Lead	206-1	1.86	1.98	1.92	1.92	3.09	ppb
Lead	207-1	1.71	1.73	1.70	1.71	0.78	ppb
Lead	208-1	1.80	1.83	1.83	1.82	1.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	185.97	192.28	189.37	189.20	1.67	ppb
Manganese	55-2	47.20	45.79	45.02	46.00	2.41	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.09	0.10	0.09	13.33	ppb
Molybdenum	94-1	0.04	0.05	0.02	0.04	37.95	ppb
Molybdenum	95-1	0.12	0.07	0.07	0.09	31.52	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.08	6.61	ppb
Molybdenum	97-1	0.12	0.12	0.10	0.11	12.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.48	0.48	0.48	2.06	ppb
Phosphorus	31-2	-0.51	24.43	23.52	15.82	89.44	ppb
Potassium	39-2	9.86	16.07	9.27	11.73	32.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	6.25	0.00	0.00	2.08	173.21	ppb
Selenium	78-2	-0.03	-0.52	-0.03	-0.19		ppb
Selenium	82-1	0.55	0.23	-0.15	0.21	166.73	ppb
Silicon	28-1	39.36	44.80	39.63	41.26	7.43	ppb
Silver	109-1	0.01	0.02	0.01	0.01	50.14	ppb
Silver	107-1	0.00	0.01	0.01	0.01	73.27	ppb
Sodium	23-2	23.12	25.36	19.63	22.71	12.73	ppb
Strontium	86-1	1.36	1.37	1.27	1.33	4.09	ppb
Strontium	88-1	1.37	1.39	1.43	1.40	1.95	ppb
Sulfur	34-1	-2678.94	-2421.01	-2658.53	-2586.16		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	1.83	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	32.14	ppb
Tin	118-1	0.10	0.12	0.12	0.11	10.71	ppb
Titanium	47-1	12.74	12.93	12.95	12.88	0.88	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	8.31	ppb
Vanadium	51-2	1.09	1.12	1.11	1.10	1.48	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4.01	3.84	3.99	3.95	2.28	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	28.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	27.44	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	643.82	713.76	720.46	692.68	6.13	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	22.06	ppb
Arsenic	75-2	0.12	0.14	0.19	0.15	24.93	ppb
Barium	135-1	7.28	6.96	6.88	7.04	3.00	ppb
Barium	137-1	6.83	6.82	6.96	6.87	1.18	ppb
Beryllium	9-1	0.07	0.06	0.07	0.06	8.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	-0.48	-0.59	-0.57	-0.55		ppb
Boron	10-1	0.08	-0.71	-0.44	-0.36		ppb
Cadmium	106-1	-0.53	-0.58	-1.25	-0.79		ppb
Cadmium	108-1	0.08	0.02	0.05	0.05	60.68	ppb
Cadmium	111-1	-0.03	-0.02	-0.06	-0.04		ppb
Calcium	43-1	250.83	249.08	236.24	245.38	3.25	ppb
Calcium	44-1	249.26	240.71	231.38	240.45	3.72	ppb
Chromium	52-2	0.81	0.81	0.97	0.86	10.59	ppb
Cobalt	59-2	0.31	0.35	0.33	0.33	6.71	ppb
Copper	63-2	0.95	0.98	1.00	0.98	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	798.03	803.53	805.10	802.22	0.46	ppb
Iron	57-2	782.60	806.34	802.41	797.12	1.60	ppb
Lead	206-1	2.67	2.59	2.51	2.59	3.10	ppb
Lead	207-1	2.57	2.49	2.24	2.43	7.13	ppb
Lead	208-1	2.58	2.54	2.43	2.52	2.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	160.41	155.83	164.29	160.18	2.64	ppb
Manganese	55-2	9.66	9.51	9.46	9.54	1.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.06	0.05	0.06	5.93	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.02	30.76	ppb
Molybdenum	95-1	0.07	0.08	0.05	0.07	23.30	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	11.40	ppb
Molybdenum	97-1	0.08	0.10	0.09	0.09	6.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.58	0.53	0.54	6.83	ppb
Phosphorus	31-2	23.29	48.40	-0.81	23.63	104.16	ppb
Potassium	39-2	12.55	26.58	16.26	18.47	39.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	12.52	4.17	173.21	ppb
Selenium	78-2	0.47	-0.52	-0.02	-0.02		ppb
Selenium	82-1	0.16	0.20	0.16	0.18	14.17	ppb
Silicon	28-1	41.77	37.62	32.54	37.31	12.39	ppb
Silver	109-1	0.02	0.01	0.01	0.01	39.30	ppb
Silver	107-1	0.01	0.02	0.02	0.02	19.10	ppb
Sodium	23-2	29.57	30.40	33.02	31.00	5.81	ppb
Strontium	86-1	1.14	0.98	1.11	1.08	7.89	ppb
Strontium	88-1	1.18	1.16	1.13	1.16	2.01	ppb
Sulfur	34-1	-2427.62	-2974.26	-3124.34	-2842.07		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.02	0.02	38.08	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	27.08	ppb
Tin	118-1	0.11	0.08	0.10	0.10	12.23	ppb
Titanium	47-1	14.03	13.18	13.61	13.61	3.12	ppb
Uranium	238-1	0.02	0.04	0.03	0.03	25.80	ppb
Vanadium	51-2	1.64	1.48	1.80	1.64	9.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	3.58	3.22	3.37	3.39	5.33	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.39	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.02	0.03	26.05	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1144.08	1103.08	1028.20	1091.79	5.38	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	24.34	ppb
Arsenic	75-2	0.56	0.33	0.42	0.44	26.22	ppb
Barium	135-1	9.80	9.97	9.85	9.87	0.90	ppb
Barium	137-1	10.05	10.11	9.94	10.03	0.89	ppb
Beryllium	9-1	0.07	0.07	0.05	0.06	15.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	-0.45	-0.26	-0.38	-0.36		ppb
Boron	10-1	-0.17	-0.16	-0.17	-0.17		ppb
Cadmium	106-1	-0.77	-1.46	0.22	-0.67		ppb
Cadmium	108-1	0.14	0.11	0.02	0.09	68.73	ppb
Cadmium	111-1	-0.02	-0.06	0.05	-0.01		ppb
Calcium	43-1	297.00	328.96	308.35	311.43	5.20	ppb
Calcium	44-1	306.30	309.44	307.31	307.69	0.52	ppb
Chromium	52-2	1.33	1.61	1.26	1.40	13.35	ppb
Cobalt	59-2	0.43	0.43	0.38	0.41	6.69	ppb
Copper	63-2	4.30	4.08	4.15	4.17	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	1023.58	1066.27	1007.82	1032.56	2.93	ppb
Iron	57-2	1014.90	1075.25	1041.00	1043.72	2.90	ppb
Lead	206-1	3.88	3.84	3.81	3.84	0.94	ppb
Lead	207-1	3.56	3.43	3.57	3.52	2.27	ppb
Lead	208-1	3.72	3.63	3.68	3.68	1.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	147.57	142.95	145.77	145.43	1.60	ppb
Manganese	55-2	38.15	39.90	37.03	38.36	3.77	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.06	0.08	0.07	21.22	ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	26.82	ppb
Molybdenum	95-1	0.07	0.08	0.05	0.07	18.83	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	21.01	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.71	0.65	0.68	5.13	ppb
Phosphorus	31-2	49.04	-0.19	46.87	31.91	87.20	ppb
Potassium	39-2	39.93	17.15	15.90	24.33	55.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	0.50	-0.52	-0.35		ppb
Selenium	82-1	0.63	0.16	0.59	0.46	56.96	ppb
Silicon	28-1	37.39	36.85	50.80	41.68	18.96	ppb
Silver	109-1	0.03	0.04	0.03	0.03	14.32	ppb
Silver	107-1	0.03	0.02	0.01	0.02	38.59	ppb
Sodium	23-2	24.11	22.07	17.42	21.20	16.17	ppb
Strontium	86-1	1.43	1.60	1.59	1.54	6.23	ppb
Strontium	88-1	1.69	1.70	1.66	1.68	1.15	ppb
Sulfur	34-1	-3171.50	-2991.43	-3220.15	-3127.69		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.01	0.01	35.31	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.89	ppb
Tin	118-1	0.79	0.78	0.72	0.76	4.67	ppb
Titanium	47-1	21.04	20.29	19.88	20.40	2.89	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.47	ppb
Vanadium	51-2	1.58	1.71	1.52	1.60	5.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	5.94	6.46	6.50	6.30	4.96	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	12.68	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	-0.01	0.02	123.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48130.22	45991.60	47688.29	47270.04	2.39	ppb
Antimony	121-1	497.41	504.89	494.99	499.10	1.03	ppb
Arsenic	75-2	461.01	472.57	469.07	467.55	1.27	ppb
Barium	135-1	2497.35	2530.15	2519.45	2515.65	0.66	ppb
Barium	137-1	2481.26	2468.54	2462.86	2470.89	0.38	ppb
Beryllium	9-1	495.84	497.75	494.32	495.97	0.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	497.98	504.88	501.79	501.55	0.69	ppb
Boron	10-1	501.73	507.44	509.49	506.22	0.79	ppb
Cadmium	106-1	494.35	499.50	494.26	496.04	0.60	ppb
Cadmium	108-1	490.70	494.87	488.35	491.31	0.67	ppb
Cadmium	111-1	486.37	488.09	481.63	485.37	0.69	ppb
Calcium	43-1	227631.19	231925.34	230093.59	229883.37	0.94	ppb
Calcium	44-1	230132.12	231181.06	230734.00	230682.39	0.23	ppb
Chromium	52-2	481.78	466.60	480.42	476.27	1.76	ppb
Cobalt	59-2	450.77	443.58	454.69	449.68	1.25	ppb
Copper	63-2	926.46	888.25	914.48	909.73	2.15	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				105		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	114049.83	111529.21	114733.53	113437.52	1.49	ppb
Iron	57-2	116128.01	113196.06	118052.32	115792.13	2.11	ppb
Lead	206-1	489.53	498.21	484.34	490.70	1.43	ppb
Lead	207-1	491.31	501.70	487.79	493.60	1.46	ppb
Lead	208-1	494.52	501.50	492.06	496.03	0.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	235028.74	229025.34	235430.79	233161.62	1.54	ppb
Manganese	55-2	966.12	937.28	962.68	955.36	1.65	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	492.64	497.65	485.84	492.05	1.21	ppb
Molybdenum	94-1	489.48	491.21	487.94	489.54	0.33	ppb
Molybdenum	95-1	486.71	497.82	489.08	491.20	1.19	ppb
Molybdenum	96-1	495.60	503.79	486.38	495.26	1.76	ppb
Molybdenum	97-1	496.56	490.18	479.79	488.84	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.01	448.20	463.65	456.95	1.73	ppb
Phosphorus	31-2	8990.69	9365.92	9658.99	9338.53	3.59	ppb
Potassium	39-2	117648.61	114949.78	117872.87	116823.75	1.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	610.77	528.48	446.72	528.66	15.52	ppb
Selenium	78-2	458.14	479.44	481.80	473.13	2.75	ppb
Selenium	82-1	474.06	478.68	473.37	475.37	0.61	ppb
Silicon	28-1	476.64	487.55	484.01	482.73	1.15	ppb
Silver	109-1	495.60	497.10	498.92	497.21	0.33	ppb
Silver	107-1	493.92	496.81	493.32	494.68	0.38	ppb
Sodium	23-2	236716.99	229384.65	235893.41	233998.35	1.72	ppb
Strontium	86-1	504.36	509.83	496.83	503.67	1.30	ppb
Strontium	88-1	499.17	505.28	491.25	498.57	1.41	ppb
Sulfur	34-1	9705.16	9816.02	9485.42	9668.87	1.74	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	503.06	498.81	490.72	497.53	1.26	ppb
Thallium	205-1	496.38	504.18	485.91	495.49	1.85	ppb
Tin	118-1	503.34	512.99	504.72	507.02	1.03	ppb
Titanium	47-1	473.64	479.19	480.02	477.62	0.73	ppb
Uranium	238-1	494.92	493.51	489.70	492.71	0.55	ppb
Vanadium	51-2	475.75	463.44	476.60	471.93	1.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	915.17	894.75	917.13	909.02	1.36	ppb
Zirconium	90-1	487.64	488.99	480.61	485.75	0.93	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.95	495.44	482.01	488.13	1.39	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	-1.07	-2.02	-0.74		ppb
Antimony	121-1	0.14	0.11	0.09	0.11	21.72	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.00	196.44	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	22.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	7.27	7.23	6.70	7.07	4.55	ppb
Boron	10-1	8.21	8.00	6.20	7.47	14.76	ppb
Cadmium	106-1	-0.89	-0.09	-0.84	-0.61		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	3.84	ppb
Cadmium	111-1	-0.06	-0.01	-0.05	-0.04		ppb
Calcium	43-1	-3.03	-2.37	-10.71	-5.37		ppb
Calcium	44-1	-12.33	-9.45	-13.12	-11.63		ppb
Chromium	52-2	-0.16	-0.03	-0.06	-0.08		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.00	-0.01	-0.02	-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				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.89	0.90	0.54	0.78	26.19	ppb
Iron	57-2	1.55	1.32	1.76	1.54	14.46	ppb
Lead	206-1	0.06	0.04	0.06	0.05	15.37	ppb
Lead	207-1	0.05	0.05	0.04	0.05	10.64	ppb
Lead	208-1	0.06	0.05	0.05	0.05	10.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.04	2.06	0.35	1.48	66.40	ppb
Manganese	55-2	0.04	-0.06	0.04	0.01	658.01	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.25	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	13.74	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	25.92	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	46.98	ppb
Molybdenum	97-1	0.08	0.06	0.05	0.06	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.03	-0.02		ppb
Phosphorus	31-2	22.97	-25.72	12.17	3.14	814.42	ppb
Potassium	39-2	-2.22	-3.59	10.48	1.56	498.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.43	0.45	0.98	0.95	51.66	ppb
Selenium	82-1	0.04	-0.33	0.51	0.07	566.04	ppb
Silicon	28-1	-18.13	-20.08	-19.98	-19.40		ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.35	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.85	ppb
Sodium	23-2	46.70	47.55	47.27	47.17	0.92	ppb
Strontium	86-1	-0.04	-0.04	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2364.72	-2463.82	-2555.38	-2461.31		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.08	0.09	0.10	25.81	ppb
Thallium	205-1	0.10	0.11	0.09	0.10	7.35	ppb
Tin	118-1	0.06	0.04	0.22	0.11	91.01	ppb
Titanium	47-1	-0.05	0.00	0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	103.14	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.02	-0.13	-0.08	-0.06		ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	25.18	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.03	0.03	16.13	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46910.75	50792.92	47268.20	48323.96	4.44	ppb
Antimony	121-1	499.10	507.67	501.38	502.72	0.88	ppb
Arsenic	75-2	470.65	489.81	467.82	476.09	2.51	ppb
Barium	135-1	2543.93	2550.14	2542.97	2545.68	0.15	ppb
Barium	137-1	2479.60	2524.26	2501.83	2501.90	0.89	ppb
Beryllium	9-1	501.50	501.17	498.27	500.31	0.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	504.03	503.46	511.81	506.43	0.92	ppb
Boron	10-1	503.10	502.66	517.38	507.71	1.65	ppb
Cadmium	106-1	491.50	498.14	507.58	499.07	1.62	ppb
Cadmium	108-1	498.58	495.43	506.52	500.17	1.14	ppb
Cadmium	111-1	486.16	487.97	495.61	489.91	1.02	ppb
Calcium	43-1	230710.35	226656.37	228113.01	228493.24	0.90	ppb
Calcium	44-1	230309.00	228079.05	227078.58	228488.88	0.72	ppb
Chromium	52-2	469.90	501.14	470.44	480.50	3.72	ppb
Cobalt	59-2	446.81	474.61	446.55	455.99	3.54	ppb
Copper	63-2	898.99	948.73	893.47	913.73	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	110750.85	118082.72	111155.51	113329.69	3.64	ppb
Iron	57-2	113701.38	119588.73	113310.42	115533.51	3.04	ppb
Lead	206-1	496.12	499.58	504.33	500.01	0.82	ppb
Lead	207-1	500.72	504.84	492.73	499.43	1.23	ppb
Lead	208-1	501.41	503.06	495.00	499.82	0.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	228448.42	242230.10	231428.72	234035.74	3.10	ppb
Manganese	55-2	954.26	1007.87	949.64	970.59	3.33	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	490.11	490.29	492.76	491.05	0.30	ppb
Molybdenum	94-1	501.75	498.72	502.48	500.98	0.40	ppb
Molybdenum	95-1	491.49	498.69	499.59	496.59	0.89	ppb
Molybdenum	96-1	496.90	489.49	498.88	495.09	1.00	ppb
Molybdenum	97-1	484.06	485.98	489.62	486.55	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	449.67	479.22	450.38	459.76	3.67	ppb
Phosphorus	31-2	9572.35	10612.18	9594.88	9926.47	5.98	ppb
Potassium	39-2	117376.23	123952.44	117427.13	119585.27	3.16	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	546.90	525.88	519.58	530.79	2.69	ppb
Selenium	78-2	494.76	496.60	486.84	492.73	1.05	ppb
Selenium	82-1	477.26	479.89	479.55	478.90	0.30	ppb
Silicon	28-1	496.15	497.00	501.38	498.18	0.56	ppb
Silver	109-1	500.32	503.64	509.75	504.57	0.95	ppb
Silver	107-1	497.76	502.42	502.40	500.86	0.54	ppb
Sodium	23-2	229686.78	241999.59	230872.50	234186.29	2.90	ppb
Strontium	86-1	513.01	506.78	509.97	509.92	0.61	ppb
Strontium	88-1	506.26	502.29	507.98	505.51	0.58	ppb
Sulfur	34-1	10467.68	10439.48	10129.76	10345.64	1.81	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	505.65	501.86	494.04	500.52	1.18	ppb
Thallium	205-1	504.74	501.98	491.53	499.42	1.39	ppb
Tin	118-1	507.43	510.54	513.94	510.64	0.64	ppb
Titanium	47-1	483.15	481.12	481.60	481.96	0.22	ppb
Uranium	238-1	497.43	500.71	493.40	497.18	0.74	ppb
Vanadium	51-2	469.44	495.65	472.10	479.06	3.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	900.22	960.69	909.90	923.61	3.52	ppb
Zirconium	90-1	497.98	491.38	496.81	495.39	0.71	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.53	499.54	505.71	502.93	0.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.07	-1.02	-1.01	-1.03		ppb
Antimony	121-1	0.13	0.13	0.11	0.13	8.77	ppb
Arsenic	75-2	0.01	0.00	-0.03	-0.01		ppb
Barium	135-1	0.02	-0.01	0.01	0.01	235.77	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	12.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	7.84	8.19	5.88	7.30	17.06	ppb
Boron	10-1	7.55	7.24	6.10	6.96	11.02	ppb
Cadmium	106-1	-0.67	-0.15	-0.93	-0.58		ppb
Cadmium	108-1	-0.01	0.04	0.02	0.02	163.20	ppb
Cadmium	111-1	-0.05	-0.01	-0.06	-0.04		ppb
Calcium	43-1	-11.82	7.05	-3.11	-2.63		ppb
Calcium	44-1	-13.26	-7.79	-9.07	-10.04		ppb
Chromium	52-2	-0.12	-0.09	-0.15	-0.12		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.01	-0.02	-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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.70	0.87	0.70	0.76	12.97	ppb
Iron	57-2	-0.03	0.90	3.41	1.43	124.95	ppb
Lead	206-1	0.06	0.06	0.07	0.07	9.14	ppb
Lead	207-1	0.06	0.06	0.05	0.06	7.16	ppb
Lead	208-1	0.07	0.06	0.06	0.06	9.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.87	1.34	0.95	1.06	23.75	ppb
Manganese	55-2	0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.54	ppb
Molybdenum	94-1	0.03	0.04	0.04	0.03	17.23	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	32.17	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	23.76	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.00	0.02	133.68	ppb
Phosphorus	31-2	-1.30	-25.72	-0.49	-9.17		ppb
Potassium	39-2	7.13	6.34	15.09	9.52	50.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	3.04	3.18	0.00	2.08	86.67	ppb
Selenium	78-2	-0.53	-0.01	-0.52	-0.35		ppb
Selenium	82-1	-0.13	-0.09	0.39	0.05	532.07	ppb
Silicon	28-1	-18.64	-17.60	-18.20	-18.15		ppb
Silver	109-1	0.03	0.02	0.03	0.03	12.60	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.70	ppb
Sodium	23-2	47.58	51.28	43.24	47.37	8.50	ppb
Strontium	86-1	-0.04	-0.12	-0.05	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	373.03	ppb
Sulfur	34-1	-2297.74	-2192.65	-2259.64	-2250.01		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.15	0.15	0.15	4.61	ppb
Thallium	205-1	0.17	0.15	0.13	0.15	12.63	ppb
Tin	118-1	0.05	0.04	0.07	0.05	22.74	ppb
Titanium	47-1	-0.01	0.03	0.01	0.01	243.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	124.36	ppb
Vanadium	51-2	-0.01	0.00	0.02	0.00	535.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.07	-0.10	-0.03	-0.02		ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	5.00	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.02	0.04	54.90	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.09	1.85	0.55	202.09	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	20.21	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	0.05	0.00	0.01	267.16	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	11-1	-0.65	-0.53	-0.35	-0.51		ppb
Boron	10-1	-1.21	-0.34	-0.38	-0.64		ppb
Cadmium	106-1	-0.35	-0.09	-0.90	-0.45		ppb
Cadmium	108-1	-0.01	0.08	-0.01	0.02	240.23	ppb
Cadmium	111-1	-0.02	-0.01	-0.07	-0.03		ppb
Calcium	43-1	3.04	1.04	10.52	4.87	102.58	ppb
Calcium	44-1	-16.23	-13.62	-12.67	-14.17		ppb
Chromium	52-2	-0.07	-0.10	-0.19	-0.12		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	0.12	0.48	0.11	0.24	88.70	ppb
Iron	57-2	2.11	-0.03	0.22	0.76	153.29	ppb
Lead	206-1	0.03	0.01	0.02	0.02	40.51	ppb
Lead	207-1	0.03	0.00	0.02	0.02	71.82	ppb
Lead	208-1	0.02	0.01	0.01	0.01	31.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.27	0.68	2.62	1.52	65.53	ppb
Manganese	55-2	0.01	0.01	-0.03	-0.01		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	835.49	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	87.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-13.51	-13.52	-13.56	-13.53		ppb
Potassium	39-2	9.68	-13.19	13.03	3.17	449.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	0.97	-0.52	0.31	245.44	ppb
Selenium	82-1	0.03	-0.81	-0.10	-0.29		ppb
Silicon	28-1	-16.11	-15.04	-11.64	-14.26		ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.67	ppb
Silver	107-1	0.01	0.02	0.02	0.01	37.24	ppb
Sodium	23-2	14.62	14.03	13.78	14.14	3.05	ppb
Strontium	86-1	-0.04	0.03	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1671.04	-1421.67	-873.51	-1322.08		ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.01	0.01	72.40	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	17.65	ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb
Titanium	47-1	-0.04	-0.01	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	-0.21	-0.04	-0.18	-0.14		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	76.62	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	227.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.51	30.38	30.13	32.01	9.50	ppb
Antimony	121-1	3.89	4.14	3.86	3.97	3.90	ppb
Arsenic	75-2	1.93	1.97	2.01	1.97	2.14	ppb
Barium	135-1	19.28	20.81	19.25	19.78	4.50	ppb
Barium	137-1	19.27	20.19	19.31	19.59	2.65	ppb
Beryllium	9-1	1.77	1.95	1.74	1.82	6.33	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	42.17	43.73	42.52	42.81	1.92	ppb
Boron	10-1	42.28	44.77	45.34	44.13	3.69	ppb
Cadmium	106-1	1.23	0.64	0.80	0.89	34.38	ppb
Cadmium	108-1	2.67	2.73	2.36	2.59	7.78	ppb
Cadmium	111-1	1.95	2.07	1.74	1.92	8.82	ppb
Calcium	43-1	874.33	930.12	882.98	895.81	3.35	ppb
Calcium	44-1	866.69	912.63	874.59	884.64	2.78	ppb
Chromium	52-2	3.67	3.61	3.67	3.65	0.96	ppb
Cobalt	59-2	1.76	1.91	1.83	1.83	3.97	ppb
Copper	63-2	3.65	3.74	3.64	3.67	1.51	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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	357.02	363.07	357.40	359.16	0.94	ppb
Iron	57-2	366.21	367.34	363.52	365.69	0.54	ppb
Lead	206-1	2.24	2.45	2.35	2.34	4.45	ppb
Lead	207-1	2.26	2.42	2.15	2.28	5.97	ppb
Lead	208-1	2.23	2.35	2.27	2.28	2.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	873.41	917.70	892.86	894.66	2.48	ppb
Manganese	55-2	1.80	1.86	2.16	1.94	10.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	8.94	9.36	8.97	9.09	2.59	ppb
Molybdenum	94-1	4.26	4.43	4.28	4.32	2.08	ppb
Molybdenum	95-1	9.01	9.65	9.16	9.27	3.60	ppb
Molybdenum	96-1	7.88	8.25	7.95	8.02	2.46	ppb
Molybdenum	97-1	8.77	9.43	8.80	9.00	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.01	1.88	2.01	6.62	ppb
Phosphorus	31-2	34.33	11.02	-25.72	6.54	462.71	ppb
Potassium	39-2	898.31	917.16	948.33	921.27	2.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	15.72	6.28	12.48	11.49	41.73	ppb
Selenium	78-2	9.44	12.40	8.38	10.07	20.72	ppb
Selenium	82-1	10.19	9.29	9.80	9.76	4.58	ppb
Silicon	28-1	9.62	14.20	8.14	10.65	29.67	ppb
Silver	109-1	2.02	2.09	1.93	2.02	3.98	ppb
Silver	107-1	1.90	1.96	1.98	1.95	2.06	ppb
Sodium	23-2	937.16	946.45	919.83	934.48	1.45	ppb
Strontium	86-1	2.10	2.09	1.84	2.01	7.43	ppb
Strontium	88-1	1.98	2.08	2.01	2.02	2.46	ppb
Sulfur	34-1	-1466.53	-1123.35	-1488.73	-1359.53		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	1.96	1.96	1.88	1.93	2.18	ppb
Thallium	205-1	1.86	2.04	1.98	1.96	4.65	ppb
Tin	118-1	9.82	9.95	9.63	9.80	1.65	ppb
Titanium	47-1	8.96	9.72	8.92	9.20	4.92	ppb
Uranium	238-1	1.80	1.87	1.82	1.83	2.07	ppb
Vanadium	51-2	8.77	9.13	8.68	8.86	2.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	3.58	3.61	3.99	3.73	6.26	ppb
Zirconium	90-1	1.91	2.06	1.99	1.99	3.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.91	2.06	2.03	2.00	3.93	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.04	1.96	0.99	0.64	241.37	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	208.58	ppb
Arsenic	75-2	-0.03	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.04	0.01	257.97	ppb
Barium	137-1	0.00	0.00	0.01	0.00	255.94	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	79.61	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	0.93	0.53	0.41	0.62	44.23	ppb
Boron	10-1	0.62	0.56	0.37	0.51	24.91	ppb
Cadmium	106-1	-1.06	-0.04	-0.16	-0.42		ppb
Cadmium	108-1	0.11	-0.01	0.05	0.05	116.65	ppb
Cadmium	111-1	-0.08	-0.01	-0.01	-0.03		ppb
Calcium	43-1	4.41	-3.26	9.36	3.50	181.57	ppb
Calcium	44-1	-13.91	-15.98	-14.87	-14.92		ppb
Chromium	52-2	-0.16	-0.11	-0.13	-0.13		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	147.00	ppb
Copper	63-2	0.01	-0.01	-0.01	-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				97		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	0.50	0.41	0.32	0.41	21.65	ppb
Iron	57-2	1.38	3.59	1.16	2.05	65.59	ppb
Lead	206-1	0.07	0.03	0.04	0.05	37.07	ppb
Lead	207-1	0.04	0.04	0.05	0.04	14.46	ppb
Lead	208-1	0.05	0.04	0.04	0.04	9.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	0.12	1.54	0.66	117.13	ppb
Manganese	55-2	0.05	-0.07	-0.02	-0.01		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	64.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	138.82	ppb
Phosphorus	31-2	23.86	-13.27	-13.21	-0.87		ppb
Potassium	39-2	0.85	-4.14	-8.17	-3.82		ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.02	-1.01	-0.35		ppb
Selenium	82-1	-0.78	0.50	0.67	0.13	598.68	ppb
Silicon	28-1	-13.82	-15.06	-14.47	-14.45		ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.30	ppb
Silver	107-1	0.02	0.02	0.03	0.03	15.44	ppb
Sodium	23-2	13.76	14.30	13.53	13.86	2.85	ppb
Strontium	86-1	0.01	-0.07	0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	90.74	ppb
Sulfur	34-1	-1462.86	-1513.50	-1343.38	-1439.91		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.04	0.04	10.96	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.59	ppb
Tin	118-1	-0.02	-0.05	-0.02	-0.03		ppb
Titanium	47-1	-0.05	0.02	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	69.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	-0.07	-0.15	-0.10	-0.10		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	50.00	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.00	0.01	193.29	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.59	28.88	42.86	35.45	19.83	ppb
Antimony	121-1	3.91	3.90	3.97	3.93	0.96	ppb
Arsenic	75-2	1.90	1.88	1.91	1.90	0.95	ppb
Barium	135-1	19.47	19.10	18.94	19.17	1.43	ppb
Barium	137-1	18.72	19.12	19.07	18.97	1.15	ppb
Beryllium	9-1	1.88	1.84	1.93	1.88	2.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	42.69	42.08	43.10	42.62	1.20	ppb
Boron	10-1	45.24	42.98	42.34	43.52	3.50	ppb
Cadmium	106-1	1.13	1.60	2.35	1.69	36.51	ppb
Cadmium	108-1	1.98	2.16	1.57	1.90	15.90	ppb
Cadmium	111-1	1.95	1.86	2.03	1.95	4.53	ppb
Calcium	43-1	876.30	915.32	859.19	883.60	3.26	ppb
Calcium	44-1	876.36	883.23	873.66	877.75	0.56	ppb
Chromium	52-2	3.79	3.55	3.62	3.65	3.36	ppb
Cobalt	59-2	1.88	1.86	1.84	1.86	1.03	ppb
Copper	63-2	4.00	3.85	3.87	3.90	2.06	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				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	373.67	370.57	364.18	369.48	1.31	ppb
Iron	57-2	376.08	362.57	373.05	370.57	1.91	ppb
Lead	206-1	2.18	2.26	2.16	2.20	2.34	ppb
Lead	207-1	2.19	2.21	2.13	2.18	1.85	ppb
Lead	208-1	2.20	2.24	2.20	2.21	0.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	928.81	927.89	891.74	916.15	2.31	ppb
Manganese	55-2	2.03	2.15	2.15	2.11	3.25	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	8.98	8.58	9.03	8.87	2.79	ppb
Molybdenum	94-1	4.28	4.16	4.35	4.26	2.32	ppb
Molybdenum	95-1	8.55	9.02	8.98	8.85	2.95	ppb
Molybdenum	96-1	7.64	7.52	8.11	7.76	4.02	ppb
Molybdenum	97-1	8.95	8.57	9.09	8.87	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.96	1.69	1.80	7.57	ppb
Phosphorus	31-2	-0.37	-13.30	-13.29	-8.99		ppb
Potassium	39-2	953.43	936.75	952.81	947.66	1.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	9.53	9.54	9.47	9.51	0.40	ppb
Selenium	78-2	11.05	5.53	7.98	8.19	33.81	ppb
Selenium	82-1	9.56	10.10	9.16	9.61	4.93	ppb
Silicon	28-1	8.98	8.54	8.30	8.61	3.97	ppb
Silver	109-1	1.97	1.96	1.98	1.97	0.56	ppb
Silver	107-1	1.96	1.98	1.96	1.97	0.41	ppb
Sodium	23-2	961.14	949.92	958.85	956.64	0.62	ppb
Strontium	86-1	1.93	1.92	1.87	1.91	1.77	ppb
Strontium	88-1	2.00	1.96	1.94	1.96	1.66	ppb
Sulfur	34-1	-1596.78	-1909.08	-1796.61	-1767.49		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	1.82	1.85	1.85	1.84	0.99	ppb
Thallium	205-1	1.81	1.82	1.82	1.82	0.28	ppb
Tin	118-1	9.62	9.78	9.82	9.74	1.09	ppb
Titanium	47-1	9.39	9.57	9.09	9.35	2.62	ppb
Uranium	238-1	1.82	1.78	1.80	1.80	1.08	ppb
Vanadium	51-2	9.43	8.63	9.08	9.05	4.43	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	3.95	3.66	3.55	3.72	5.48	ppb
Zirconium	90-1	1.93	1.99	2.01	1.98	2.13	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.86	1.90	2.04	1.93	4.91	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1635.02	1618.12	1641.93	1631.69	0.75	ppb
Antimony	121-1	0.17	0.17	0.15	0.16	6.53	ppb
Arsenic	75-2	4.92	4.75	4.68	4.78	2.60	ppb
Barium	135-1	230.32	229.93	229.02	229.76	0.29	ppb
Barium	137-1	229.48	229.25	230.47	229.73	0.28	ppb
Beryllium	9-1	0.13	0.10	0.08	0.11	23.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	96.87	98.25	97.95	97.69	0.75	ppb
Boron	10-1	95.01	102.47	98.97	98.82	3.78	ppb
Cadmium	106-1	-1.19	-0.10	-0.43	-0.57		ppb
Cadmium	108-1	0.53	0.50	0.68	0.57	17.37	ppb
Cadmium	111-1	-0.08	-0.02	-0.03	-0.04		ppb
Calcium	43-1	75503.80	75062.49	73967.54	74844.61	1.06	ppb
Calcium	44-1	73749.56	73156.13	73501.71	73469.14	0.41	ppb
Chromium	52-2	4.54	4.55	4.52	4.54	0.28	ppb
Cobalt	59-2	0.38	0.33	0.34	0.35	7.17	ppb
Copper	63-2	3.97	3.87	3.83	3.89	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	829.87	781.38	813.85	808.37	3.06	ppb
Iron	57-2	824.90	830.90	811.06	822.29	1.24	ppb
Lead	206-1	1.19	1.23	1.21	1.21	1.41	ppb
Lead	207-1	1.11	1.10	1.10	1.10	0.71	ppb
Lead	208-1	1.18	1.21	1.14	1.17	3.05	ppb
Lithium	6-1				111		%
Magnesium	24-2	41989.51	40110.75	39897.53	40665.93	2.83	ppb
Manganese	55-2	25.12	24.29	25.42	24.95	2.35	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.14	3.08	3.28	3.50	16.14	ppb
Molybdenum	94-1	2.47	2.10	2.14	2.24	9.17	ppb
Molybdenum	95-1	3.14	3.11	3.20	3.15	1.40	ppb
Molybdenum	96-1	2.95	2.98	3.02	2.98	1.20	ppb
Molybdenum	97-1	3.39	3.10	3.14	3.21	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.34	6.57	6.62	6.84	6.34	ppb
Phosphorus	31-2	73.10	-2.09	-1.79	23.07	187.77	ppb
Potassium	39-2	1134.02	1059.80	1088.10	1093.97	3.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	9.23	2.97	0.00	4.07	115.79	ppb
Selenium	78-2	1.91	2.29	1.83	2.01	12.22	ppb
Selenium	82-1	1.36	1.62	1.19	1.39	15.56	ppb
Silicon	28-1	12614.23	12531.79	12073.12	12406.38	2.35	ppb
Silver	109-1	0.34	0.31	0.29	0.31	7.36	ppb
Silver	107-1	0.33	0.31	0.27	0.30	9.40	ppb
Sodium	23-2	20489.43	19347.13	19411.18	19749.25	3.25	ppb
Strontium	86-1	3671.87	3605.35	3692.50	3656.57	1.25	ppb
Strontium	88-1	3694.77	3657.32	3771.73	3707.94	1.57	ppb
Sulfur	34-1	8813.21	8306.82	8476.09	8532.04	3.02	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.02	0.03	33.24	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.40	ppb
Tin	118-1	0.26	0.23	0.20	0.23	11.65	ppb
Titanium	47-1	35.13	36.52	35.24	35.63	2.17	ppb
Uranium	238-1	6.07	6.07	6.11	6.09	0.36	ppb
Vanadium	51-2	1.99	1.84	1.81	1.88	5.02	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	21.03	20.03	19.50	20.19	3.84	ppb
Zirconium	90-1	1.51	1.30	1.61	1.47	10.93	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.39	1.27	1.78	1.48	17.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.75	41.07	77.12	54.65	35.87	ppb
Antimony	121-1	0.15	0.14	0.15	0.15	2.90	ppb
Arsenic	75-2	5.78	5.90	6.16	5.95	3.21	ppb
Barium	135-1	220.61	218.22	217.49	218.77	0.74	ppb
Barium	137-1	221.54	221.16	214.99	219.23	1.68	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.00	319.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	166.60	164.10	167.36	166.02	1.03	ppb
Boron	10-1	166.20	169.83	169.66	168.56	1.22	ppb
Cadmium	106-1	-1.09	-0.57	-0.67	-0.77		ppb
Cadmium	108-1	-0.01	0.07	0.20	0.09	123.29	ppb
Cadmium	111-1	-0.04	0.00	-0.03	-0.03		ppb
Calcium	43-1	72618.34	70050.91	71125.32	71264.86	1.81	ppb
Calcium	44-1	70503.39	68773.72	69950.25	69742.45	1.27	ppb
Chromium	52-2	0.72	0.74	0.85	0.77	9.06	ppb
Cobalt	59-2	0.20	0.21	0.23	0.21	6.63	ppb
Copper	63-2	1.56	1.63	1.81	1.67	7.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	70.45	70.24	77.18	72.62	5.44	ppb
Iron	57-2	76.83	65.85	76.32	73.00	8.49	ppb
Lead	206-1	0.66	0.64	0.67	0.66	2.70	ppb
Lead	207-1	0.59	0.55	0.54	0.56	4.76	ppb
Lead	208-1	0.61	0.59	0.62	0.61	2.40	ppb
Lithium	6-1				112		%
Magnesium	24-2	36639.71	36438.59	40325.54	37801.28	5.79	ppb
Manganese	55-2	19.22	19.67	19.83	19.58	1.63	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.29	7.22	7.04	7.19	1.79	ppb
Molybdenum	94-1	2.44	2.42	2.39	2.42	1.10	ppb
Molybdenum	95-1	7.09	7.23	7.03	7.12	1.41	ppb
Molybdenum	96-1	6.23	6.14	6.42	6.26	2.26	ppb
Molybdenum	97-1	7.57	7.24	7.20	7.34	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.18	4.30	4.76	4.42	6.82	ppb
Phosphorus	31-2	9.35	32.76	0.23	14.11	118.90	ppb
Potassium	39-2	2157.07	2091.39	2328.80	2192.42	5.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	2.99	0.00	0.00	1.00	173.21	ppb
Selenium	78-2	0.88	0.42	-1.01	0.10	1036.27	ppb
Selenium	82-1	0.07	-0.18	0.14	0.01	1411.90	ppb
Silicon	28-1	8252.14	8116.03	8160.22	8176.13	0.85	ppb
Silver	109-1	0.22	0.20	0.17	0.20	13.77	ppb
Silver	107-1	0.18	0.18	0.18	0.18	0.95	ppb
Sodium	23-2	20939.76	20709.77	22805.71	21485.08	5.35	ppb
Strontium	86-1	6203.92	6143.20	6101.21	6149.44	0.84	ppb
Strontium	88-1	6334.56	6201.72	6194.02	6243.43	1.27	ppb
Sulfur	34-1	10024.93	9512.76	9601.65	9713.11	2.82	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.01	0.02	0.02	43.03	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	14.51	ppb
Tin	118-1	0.24	0.27	0.24	0.25	7.09	ppb
Titanium	47-1	1.22	9.67	2.07	4.32	107.66	ppb
Uranium	238-1	4.87	4.86	4.89	4.87	0.34	ppb
Vanadium	51-2	0.96	1.02	1.24	1.07	13.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	6.20	6.38	7.89	6.82	13.67	ppb
Zirconium	90-1	0.16	0.17	0.17	0.16	4.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.17	0.17	4.84	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1881.84	1866.18	2206.94	1984.99	9.69	ppb
Antimony	121-1	0.21	0.21	0.20	0.21	3.11	ppb
Arsenic	75-2	8.01	7.02	8.22	7.75	8.23	ppb
Barium	135-1	206.56	206.47	205.12	206.05	0.39	ppb
Barium	137-1	205.43	206.22	202.60	204.75	0.93	ppb
Beryllium	9-1	0.22	0.22	0.21	0.22	1.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	92.19	96.78	95.58	94.85	2.51	ppb
Boron	10-1	95.07	97.85	100.25	97.72	2.65	ppb
Cadmium	106-1	-0.38	0.39	-0.43	-0.14		ppb
Cadmium	108-1	0.33	0.39	0.33	0.35	8.71	ppb
Cadmium	111-1	-0.02	0.04	-0.02	0.00		ppb
Calcium	43-1	102285.93	103352.24	102922.75	102853.64	0.52	ppb
Calcium	44-1	100904.08	100916.34	100761.22	100860.55	0.09	ppb
Chromium	52-2	8.56	8.48	9.92	8.98	8.98	ppb
Cobalt	59-2	0.94	0.97	1.14	1.02	10.86	ppb
Copper	63-2	4.34	4.38	4.72	4.48	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	1631.25	1670.21	1848.02	1716.50	6.73	ppb
Iron	57-2	1596.90	1646.03	1862.86	1701.93	8.32	ppb
Lead	206-1	3.24	3.29	3.31	3.28	1.16	ppb
Lead	207-1	2.78	2.88	2.75	2.80	2.55	ppb
Lead	208-1	3.04	3.03	3.01	3.03	0.61	ppb
Lithium	6-1				111		%
Magnesium	24-2	44228.47	45174.23	49412.22	46271.64	5.97	ppb
Manganese	55-2	100.78	101.90	116.43	106.37	8.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.49	6.48	6.23	6.40	2.28	ppb
Molybdenum	94-1	4.05	3.68	3.52	3.75	7.21	ppb
Molybdenum	95-1	6.67	6.45	6.28	6.47	3.05	ppb
Molybdenum	96-1	5.84	5.81	5.72	5.79	1.10	ppb
Molybdenum	97-1	6.69	6.35	6.26	6.44	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.72	9.46	10.82	10.00	7.21	ppb
Phosphorus	31-2	136.13	163.88	235.33	178.44	28.68	ppb
Potassium	39-2	2227.02	2169.69	2401.86	2266.19	5.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	11.79	2.97	12.84	9.20	58.93	ppb
Selenium	78-2	-0.08	1.81	3.56	1.76	103.35	ppb
Selenium	82-1	1.92	2.25	1.75	1.97	12.69	ppb
Silicon	28-1	12565.19	12690.61	12735.55	12663.79	0.70	ppb
Silver	109-1	0.13	0.14	0.15	0.14	5.60	ppb
Silver	107-1	0.13	0.13	0.13	0.13	3.03	ppb
Sodium	23-2	19169.88	19818.22	21520.42	20169.51	6.02	ppb
Strontium	86-1	3326.76	3325.71	3334.78	3329.08	0.15	ppb
Strontium	88-1	3371.91	3353.27	3360.22	3361.80	0.28	ppb
Sulfur	34-1	13892.80	14289.65	14104.71	14095.72	1.41	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	17.79	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	7.63	ppb
Tin	118-1	0.19	0.15	0.14	0.16	17.92	ppb
Titanium	47-1	81.27	80.46	79.55	80.43	1.07	ppb
Uranium	238-1	5.48	5.65	5.38	5.51	2.48	ppb
Vanadium	51-2	4.21	4.46	4.77	4.48	6.24	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	18.72	19.73	20.74	19.73	5.12	ppb
Zirconium	90-1	2.40	2.30	2.32	2.34	2.20	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.43	2.42	2.23	2.36	4.77	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.05	2.77	7.51	7.11	58.49	ppb
Antimony	121-1	0.12	0.10	0.08	0.10	17.02	ppb
Arsenic	75-2	5.81	5.53	5.57	5.64	2.70	ppb
Barium	135-1	179.60	169.33	165.16	171.36	4.34	ppb
Barium	137-1	180.15	169.60	166.24	172.00	4.22	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	1036.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	76.20	71.27	72.95	73.47	3.41	ppb
Boron	10-1	75.24	72.04	71.34	72.87	2.86	ppb
Cadmium	106-1	0.00	-0.77	-0.03	-0.26		ppb
Cadmium	108-1	1.38	1.16	1.19	1.24	9.50	ppb
Cadmium	111-1	-0.06	-0.10	-0.05	-0.07		ppb
Calcium	43-1	73692.87	69190.91	68582.07	70488.62	3.96	ppb
Calcium	44-1	70828.14	67229.46	68039.88	68699.16	2.75	ppb
Chromium	52-2	3.32	3.60	3.29	3.40	5.03	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	15.60	ppb
Copper	63-2	1.26	1.27	1.28	1.27	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				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	8.58	8.71	8.48	8.59	1.31	ppb
Iron	57-2	4.15	10.19	10.86	8.40	43.97	ppb
Lead	206-1	0.09	0.10	0.11	0.10	12.93	ppb
Lead	207-1	0.08	0.07	0.05	0.07	21.50	ppb
Lead	208-1	0.10	0.09	0.07	0.08	19.61	ppb
Lithium	6-1				111		%
Magnesium	24-2	39593.50	40171.71	38984.76	39583.32	1.50	ppb
Manganese	55-2	2.22	2.20	2.46	2.29	6.37	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.44	5.25	4.92	5.20	5.01	ppb
Molybdenum	94-1	1.78	1.76	1.72	1.76	1.75	ppb
Molybdenum	95-1	5.54	4.94	4.93	5.14	6.74	ppb
Molybdenum	96-1	4.42	4.36	4.23	4.34	2.25	ppb
Molybdenum	97-1	5.45	5.05	5.03	5.18	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.86	0.92	0.95	11.25	ppb
Phosphorus	31-2	-14.02	-25.72	45.96	2.07	1855.73	ppb
Potassium	39-2	817.24	845.80	824.41	829.15	1.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.33	0.89	0.89	1.04	24.81	ppb
Selenium	82-1	1.08	0.38	1.10	0.85	47.91	ppb
Silicon	28-1	9681.73	9103.87	9188.92	9324.84	3.35	ppb
Silver	109-1	0.14	0.13	0.13	0.13	0.79	ppb
Silver	107-1	0.14	0.12	0.12	0.13	6.60	ppb
Sodium	23-2	16465.75	16670.73	16726.51	16621.00	0.83	ppb
Strontium	86-1	4311.42	4133.30	4105.38	4183.37	2.67	ppb
Strontium	88-1	4410.92	4137.12	4122.19	4223.41	3.85	ppb
Sulfur	34-1	16766.67	14706.78	15351.32	15608.26	6.75	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.01	0.02	35.73	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	31.01	ppb
Tin	118-1	0.02	0.00	0.02	0.01	94.53	ppb
Titanium	47-1	0.29	0.30	0.43	0.34	23.26	ppb
Uranium	238-1	4.71	4.48	4.39	4.53	3.68	ppb
Vanadium	51-2	1.02	1.22	1.04	1.09	10.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	6.96	7.14	7.95	7.35	7.15	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	8.98	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.04	0.08	0.07	35.84	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	412.14	416.01	452.10	426.75	5.16	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	1.26	ppb
Arsenic	75-2	4.96	4.72	4.29	4.66	7.35	ppb
Barium	135-1	235.11	225.14	230.26	230.17	2.17	ppb
Barium	137-1	236.04	225.11	228.35	229.83	2.44	ppb
Beryllium	9-1	0.08	0.08	0.06	0.08	12.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	98.98	97.83	98.22	98.34	0.59	ppb
Boron	10-1	98.08	100.99	97.92	99.00	1.75	ppb
Cadmium	106-1	0.83	-0.55	-1.03	-0.25		ppb
Cadmium	108-1	0.67	0.65	0.53	0.61	12.64	ppb
Cadmium	111-1	0.03	-0.06	-0.09	-0.04		ppb
Calcium	43-1	79659.82	76061.16	77378.31	77699.76	2.34	ppb
Calcium	44-1	76937.03	75876.82	75386.95	76066.93	1.04	ppb
Chromium	52-2	2.83	2.91	2.91	2.88	1.66	ppb
Cobalt	59-2	0.30	0.27	0.28	0.29	4.72	ppb
Copper	63-2	3.07	2.95	3.05	3.02	2.01	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	353.83	358.31	356.85	356.33	0.64	ppb
Iron	57-2	365.65	342.14	359.75	355.85	3.44	ppb
Lead	206-1	0.76	0.75	0.73	0.75	2.01	ppb
Lead	207-1	0.71	0.68	0.68	0.69	2.86	ppb
Lead	208-1	0.72	0.71	0.74	0.72	1.96	ppb
Lithium	6-1				113		%
Magnesium	24-2	40811.22	40940.90	40991.65	40914.59	0.23	ppb
Manganese	55-2	22.16	21.99	20.88	21.68	3.20	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.02	2.92	2.94	2.96	1.81	ppb
Molybdenum	94-1	1.47	1.34	1.39	1.40	4.74	ppb
Molybdenum	95-1	3.01	2.97	2.97	2.98	0.85	ppb
Molybdenum	96-1	2.54	2.54	2.62	2.57	1.86	ppb
Molybdenum	97-1	2.98	3.08	2.83	2.96	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.87	6.02	5.97	5.95	1.31	ppb
Phosphorus	31-2	10.46	10.46	34.88	18.60	75.80	ppb
Potassium	39-2	1001.65	1002.87	1020.05	1008.19	1.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	6.04	0.00	3.02	3.02	100.06	ppb
Selenium	78-2	2.33	-0.05	-0.54	0.58	263.96	ppb
Selenium	82-1	1.43	0.86	0.64	0.98	41.97	ppb
Silicon	28-1	10366.40	10326.18	10018.36	10236.98	1.86	ppb
Silver	109-1	0.17	0.15	0.17	0.16	5.81	ppb
Silver	107-1	0.15	0.16	0.16	0.16	4.62	ppb
Sodium	23-2	19823.21	19697.65	19948.29	19823.05	0.63	ppb
Strontium	86-1	3810.75	3699.97	3725.65	3745.46	1.55	ppb
Strontium	88-1	3879.63	3766.31	3772.15	3806.03	1.68	ppb
Sulfur	34-1	9643.81	9076.29	8868.25	9196.11	4.37	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.02	0.01	0.01	28.44	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	23.15	ppb
Tin	118-1	0.08	0.05	0.06	0.07	22.17	ppb
Titanium	47-1	21.43	17.37	16.44	18.41	14.39	ppb
Uranium	238-1	6.38	6.44	6.21	6.34	1.89	ppb
Vanadium	51-2	1.61	1.66	1.73	1.67	3.82	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	35.52	36.29	35.74	35.85	1.10	ppb
Zirconium	90-1	0.62	0.58	0.58	0.59	3.40	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.58	0.59	0.59	0.85	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.99	45.25	60.98	56.07	16.74	ppb
Antimony	121-1	0.15	0.15	0.15	0.15	0.60	ppb
Arsenic	75-2	8.64	9.12	10.25	9.33	8.84	ppb
Barium	135-1	284.09	283.16	276.03	281.09	1.57	ppb
Barium	137-1	286.25	281.26	277.37	281.63	1.58	ppb
Beryllium	9-1	0.01	0.06	0.00	0.02	120.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	171.86	178.34	175.28	175.16	1.85	ppb
Boron	10-1	178.44	178.35	178.63	178.47	0.08	ppb
Cadmium	106-1	-0.52	-1.11	-1.28	-0.97		ppb
Cadmium	108-1	0.12	0.17	0.22	0.17	29.90	ppb
Cadmium	111-1	-0.02	-0.07	-0.07	-0.05		ppb
Calcium	43-1	61070.53	61285.35	61945.16	61433.68	0.74	ppb
Calcium	44-1	60649.63	60465.08	60230.77	60448.50	0.35	ppb
Chromium	52-2	4.08	4.13	4.32	4.18	2.94	ppb
Cobalt	59-2	0.20	0.21	0.21	0.21	4.50	ppb
Copper	63-2	0.90	0.87	0.98	0.92	6.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	562.72	559.58	592.37	571.56	3.17	ppb
Iron	57-2	571.40	592.43	589.37	584.40	1.94	ppb
Lead	206-1	0.48	0.44	0.47	0.46	4.57	ppb
Lead	207-1	0.45	0.43	0.41	0.43	4.87	ppb
Lead	208-1	0.47	0.43	0.45	0.45	4.33	ppb
Lithium	6-1				114		%
Magnesium	24-2	27674.05	27412.76	29383.27	28156.69	3.80	ppb
Manganese	55-2	73.86	71.42	77.80	74.36	4.33	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.93	3.11	3.04	3.03	3.00	ppb
Molybdenum	94-1	1.27	1.25	1.27	1.26	1.04	ppb
Molybdenum	95-1	2.90	3.08	3.01	2.99	2.99	ppb
Molybdenum	96-1	2.68	2.69	2.53	2.64	3.37	ppb
Molybdenum	97-1	3.30	3.03	3.09	3.14	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.72	7.35	7.27	7.11	4.79	ppb
Phosphorus	31-2	84.79	195.34	118.15	132.76	42.71	ppb
Potassium	39-2	1618.57	1611.86	1732.11	1654.18	4.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	0.00	6.11	3.32	3.14	97.28	ppb
Selenium	78-2	-0.53	-0.53	-1.01	-0.69		ppb
Selenium	82-1	0.39	0.53	0.14	0.35	56.23	ppb
Silicon	28-1	12906.13	12814.76	12970.74	12897.21	0.61	ppb
Silver	109-1	0.13	0.13	0.13	0.13	1.56	ppb
Silver	107-1	0.14	0.13	0.14	0.14	6.66	ppb
Sodium	23-2	53744.13	53882.45	56529.25	54718.61	2.87	ppb
Strontium	86-1	2631.29	2683.70	2633.60	2649.53	1.12	ppb
Strontium	88-1	2677.28	2714.28	2657.53	2683.03	1.07	ppb
Sulfur	34-1	16898.37	16512.40	17074.87	16828.55	1.71	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.02	0.01	0.01	139.91	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	61.98	ppb
Tin	118-1	0.22	0.24	0.17	0.21	15.28	ppb
Titanium	47-1	2.09	2.04	2.37	2.17	8.25	ppb
Uranium	238-1	1.42	1.39	1.41	1.41	1.20	ppb
Vanadium	51-2	0.86	0.92	0.88	0.89	3.21	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	600.85	602.96	632.71	612.17	2.91	ppb
Zirconium	90-1	0.44	0.48	0.45	0.46	5.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.44	0.49	0.48	7.79	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	169.33	162.67	175.89	169.30	3.90	ppb
Antimony	121-1	0.21	0.17	0.19	0.19	10.72	ppb
Arsenic	75-2	6.20	5.72	5.42	5.78	6.76	ppb
Barium	135-1	248.96	246.70	245.81	247.16	0.66	ppb
Barium	137-1	246.47	245.73	245.99	246.06	0.15	ppb
Beryllium	9-1	0.22	0.21	0.15	0.19	18.92	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	11-1	102.89	106.13	108.02	105.68	2.46	ppb
Boron	10-1	108.22	110.95	106.85	108.67	1.92	ppb
Cadmium	106-1	-1.23	-1.11	-1.83	-1.39		ppb
Cadmium	108-1	0.04	0.14	0.09	0.09	56.54	ppb
Cadmium	111-1	-0.05	-0.06	-0.12	-0.08		ppb
Calcium	43-1	60933.01	61643.47	61318.64	61298.37	0.58	ppb
Calcium	44-1	59888.49	60794.68	59811.77	60164.98	0.91	ppb
Chromium	52-2	1.61	1.49	1.47	1.52	5.04	ppb
Cobalt	59-2	0.15	0.12	0.13	0.14	10.27	ppb
Copper	63-2	11.39	11.35	11.60	11.45	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	198.55	198.00	195.15	197.24	0.92	ppb
Iron	57-2	202.28	195.36	209.81	202.48	3.57	ppb
Lead	206-1	1.13	1.06	1.16	1.12	4.51	ppb
Lead	207-1	0.98	1.01	1.01	1.00	1.82	ppb
Lead	208-1	1.05	1.04	1.07	1.05	1.64	ppb
Lithium	6-1				114		%
Magnesium	24-2	29518.80	28563.44	28299.94	28794.06	2.23	ppb
Manganese	55-2	81.70	78.86	79.45	80.00	1.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.87	3.66	3.90	3.81	3.50	ppb
Molybdenum	94-1	1.53	1.47	1.61	1.54	4.70	ppb
Molybdenum	95-1	3.68	3.83	3.78	3.76	1.98	ppb
Molybdenum	96-1	3.26	3.24	3.33	3.28	1.38	ppb
Molybdenum	97-1	3.57	3.90	3.78	3.75	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.96	4.67	4.64	4.76	3.75	ppb
Phosphorus	31-2	36.37	11.15	59.12	35.55	67.50	ppb
Potassium	39-2	1003.29	963.25	939.54	968.69	3.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	0.94	0.93	0.78	34.23	ppb
Selenium	82-1	0.14	0.22	-0.35	0.00	9198.73	ppb
Silicon	28-1	9738.77	9772.49	9766.28	9759.18	0.18	ppb
Silver	109-1	0.12	0.11	0.12	0.12	6.72	ppb
Silver	107-1	0.14	0.13	0.12	0.13	5.89	ppb
Sodium	23-2	16794.07	16545.60	15966.67	16435.45	2.58	ppb
Strontium	86-1	2087.87	2093.38	2116.50	2099.25	0.72	ppb
Strontium	88-1	2128.50	2120.51	2135.61	2128.21	0.35	ppb
Sulfur	34-1	10526.21	10764.42	10749.47	10680.03	1.25	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.01	0.01	0.01	43.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.56	ppb
Tin	118-1	0.03	0.05	0.03	0.04	30.12	ppb
Titanium	47-1	1.53	1.60	3.09	2.07	42.63	ppb
Uranium	238-1	4.63	4.63	4.65	4.64	0.26	ppb
Vanadium	51-2	1.79	2.14	1.93	1.95	9.00	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	7.80	7.61	7.37	7.59	2.80	ppb
Zirconium	90-1	0.43	0.48	0.50	0.47	7.23	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.44	0.49	0.44	10.40	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.19	57.90	59.29	61.46	8.16	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	7.69	ppb
Arsenic	75-2	11.23	10.47	10.50	10.73	3.98	ppb
Barium	135-1	304.49	306.25	305.26	305.33	0.29	ppb
Barium	137-1	300.92	306.25	306.70	304.62	1.06	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	64.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	11-1	90.84	91.33	92.15	91.44	0.73	ppb
Boron	10-1	89.99	92.37	94.53	92.30	2.46	ppb
Cadmium	106-1	0.72	-0.69	0.62	0.22	366.32	ppb
Cadmium	108-1	1.64	1.59	1.39	1.54	8.65	ppb
Cadmium	111-1	0.01	-0.12	0.00	-0.04		ppb
Calcium	43-1	82905.61	84889.61	85896.36	84563.86	1.80	ppb
Calcium	44-1	81748.12	83434.21	83263.17	82815.17	1.12	ppb
Chromium	52-2	8.11	7.93	7.89	7.98	1.46	ppb
Cobalt	59-2	0.93	0.94	0.96	0.94	1.70	ppb
Copper	63-2	4.42	4.42	4.23	4.36	2.53	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				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	168.41	167.07	162.00	165.83	2.04	ppb
Iron	57-2	170.26	171.87	160.41	167.51	3.71	ppb
Lead	206-1	0.47	0.43	0.41	0.43	7.34	ppb
Lead	207-1	0.35	0.38	0.43	0.39	10.93	ppb
Lead	208-1	0.42	0.41	0.41	0.42	0.88	ppb
Lithium	6-1				114		%
Magnesium	24-2	42968.68	42622.83	42394.31	42661.94	0.68	ppb
Manganese	55-2	1480.24	1492.16	1477.81	1483.41	0.52	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.75	4.99	4.97	4.90	2.74	ppb
Molybdenum	94-1	1.71	1.74	1.70	1.72	1.09	ppb
Molybdenum	95-1	4.90	4.83	4.98	4.90	1.45	ppb
Molybdenum	96-1	4.08	4.21	4.25	4.18	2.16	ppb
Molybdenum	97-1	4.74	5.12	5.08	4.98	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.51	7.32	7.44	7.42	1.32	ppb
Phosphorus	31-2	35.06	-1.22	34.96	22.94	91.21	ppb
Potassium	39-2	1732.55	1719.89	1738.29	1730.25	0.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	6.05	0.00	3.03	3.03	99.94	ppb
Selenium	78-2	-0.06	0.43	-0.05	0.11	263.13	ppb
Selenium	82-1	0.53	1.04	0.15	0.57	77.77	ppb
Silicon	28-1	9268.26	9320.26	9321.30	9303.27	0.33	ppb
Silver	109-1	0.14	0.14	0.14	0.14	1.48	ppb
Silver	107-1	0.13	0.13	0.13	0.13	2.51	ppb
Sodium	23-2	31094.74	31300.47	31121.84	31172.35	0.36	ppb
Strontium	86-1	1334.63	1327.61	1318.90	1327.05	0.59	ppb
Strontium	88-1	1323.44	1321.01	1319.76	1321.40	0.14	ppb
Sulfur	34-1	993.38	1356.80	1220.23	1190.14	15.42	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.02	0.03	32.73	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	12.15	ppb
Tin	118-1	0.07	0.07	0.08	0.07	9.31	ppb
Titanium	47-1	2.25	2.15	2.11	2.17	3.14	ppb
Uranium	238-1	2.36	2.34	2.35	2.35	0.51	ppb
Vanadium	51-2	1.37	1.57	1.50	1.48	6.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	5.05	4.79	4.94	4.93	2.61	ppb
Zirconium	90-1	0.15	0.16	0.18	0.16	8.68	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.14	0.20	0.17	17.68	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-09	Instrumnet Name :	P8
Client Sample ID :	MCWYH6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:05:08	DataFile Name :	072SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.50	10.18	14.88	17.19	48.88	ppb
Antimony	121-1	0.14	0.13	0.16	0.14	10.31	ppb
Arsenic	75-2	6.84	5.71	6.23	6.26	9.04	ppb
Barium	135-1	152.47	151.25	153.67	152.46	0.79	ppb
Barium	137-1	153.63	149.59	154.37	152.53	1.68	ppb
Beryllium	9-1	-0.01	0.03	0.01	0.01	143.11	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	11-1	76.63	77.65	80.95	78.41	2.87	ppb
Boron	10-1	79.87	82.15	82.48	81.50	1.75	ppb
Cadmium	106-1	-1.11	-1.08	-0.16	-0.78		ppb
Cadmium	108-1	0.14	-0.01	0.12	0.08	101.40	ppb
Cadmium	111-1	-0.07	-0.07	0.00	-0.05		ppb
Calcium	43-1	63521.63	64334.09	62729.89	63528.54	1.26	ppb
Calcium	44-1	63132.27	62276.05	62751.01	62719.78	0.68	ppb
Chromium	52-2	0.40	0.38	0.18	0.32	36.99	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	40.08	ppb
Copper	63-2	0.86	0.89	0.81	0.85	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	13.24	11.37	11.47	12.02	8.75	ppb
Iron	57-2	16.10	13.70	14.15	14.65	8.69	ppb
Lead	206-1	0.10	0.09	0.09	0.09	4.85	ppb
Lead	207-1	0.07	0.09	0.07	0.08	16.93	ppb
Lead	208-1	0.07	0.09	0.08	0.08	8.00	ppb
Lithium	6-1				115		%
Magnesium	24-2	40601.49	38412.71	37277.34	38763.85	4.36	ppb
Manganese	55-2	2.59	2.45	2.17	2.40	8.73	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-09	Instrumnet Name :	P8
Client Sample ID :	MCWYH6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:05:08	DataFile Name :	072SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.50	4.63	4.48	4.54	1.81	ppb
Molybdenum	94-1	1.50	1.49	1.61	1.53	4.40	ppb
Molybdenum	95-1	4.28	4.33	4.42	4.34	1.56	ppb
Molybdenum	96-1	3.86	3.74	3.83	3.81	1.70	ppb
Molybdenum	97-1	4.38	4.77	4.54	4.56	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.69	0.65	0.68	4.07	ppb
Phosphorus	31-2	0.57	-0.38	-0.91	-0.24		ppb
Potassium	39-2	828.44	754.72	739.91	774.36	6.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	3.30	0.00	0.00	1.10	173.21	ppb
Selenium	78-2	1.08	1.46	0.44	0.99	51.56	ppb
Selenium	82-1	1.33	1.21	1.20	1.25	5.81	ppb
Silicon	28-1	8861.50	8784.08	8732.69	8792.76	0.74	ppb
Silver	109-1	0.09	0.10	0.09	0.09	3.83	ppb
Silver	107-1	0.10	0.09	0.10	0.10	8.39	ppb
Sodium	23-2	17997.71	17007.45	16571.83	17192.33	4.25	ppb
Strontium	86-1	4161.48	4269.12	4207.94	4212.84	1.28	ppb
Strontium	88-1	4232.86	4294.02	4236.05	4254.31	0.81	ppb
Sulfur	34-1	11898.57	11478.21	11712.97	11696.58	1.80	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.00	0.01	52.40	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.48	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.56	0.58	0.55	0.56	3.34	ppb
Uranium	238-1	3.50	3.52	3.48	3.50	0.54	ppb
Vanadium	51-2	1.21	1.18	1.16	1.18	2.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	9.39	8.52	8.74	8.88	5.09	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	18.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-09	Instrumnet Name :	P8
Client Sample ID :	MCWYH6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:05:08	DataFile Name :	072SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.05	0.06	14.26	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.61	22.48	79.06	45.72	64.78	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	2.59	ppb
Arsenic	75-2	4.55	4.14	4.51	4.40	5.13	ppb
Barium	135-1	212.88	217.35	211.30	213.84	1.47	ppb
Barium	137-1	213.18	215.25	211.22	213.22	0.94	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	114.68	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Boron	11-1	160.47	164.53	166.62	163.87	1.91	ppb
Boron	10-1	164.90	168.90	172.15	168.65	2.15	ppb
Cadmium	106-1	-1.36	-1.25	-0.95	-1.19		ppb
Cadmium	108-1	0.16	0.01	0.06	0.08	96.08	ppb
Cadmium	111-1	-0.09	-0.06	-0.04	-0.06		ppb
Calcium	43-1	70534.47	69626.14	69508.69	69889.77	0.80	ppb
Calcium	44-1	67608.52	67594.73	66824.18	67342.48	0.67	ppb
Chromium	52-2	0.50	0.52	0.36	0.46	18.52	ppb
Cobalt	59-2	0.21	0.17	0.16	0.18	13.40	ppb
Copper	63-2	1.22	1.24	1.23	1.23	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	38.46	40.73	40.78	39.99	3.32	ppb
Iron	57-2	38.12	41.73	43.70	41.19	6.87	ppb
Lead	206-1	0.45	0.46	0.41	0.44	5.63	ppb
Lead	207-1	0.36	0.38	0.38	0.37	3.09	ppb
Lead	208-1	0.40	0.42	0.40	0.41	3.47	ppb
Lithium	6-1				114		%
Magnesium	24-2	37568.79	36844.95	38031.69	37481.81	1.60	ppb
Manganese	55-2	17.49	16.86	16.76	17.03	2.31	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.35	6.57	6.49	6.47	1.70	ppb
Molybdenum	94-1	2.18	2.18	2.14	2.17	0.98	ppb
Molybdenum	95-1	6.50	6.56	6.32	6.46	1.97	ppb
Molybdenum	96-1	5.29	5.34	5.37	5.33	0.78	ppb
Molybdenum	97-1	6.54	6.42	6.46	6.47	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.96	3.80	4.12	3.96	4.00	ppb
Phosphorus	31-2	-1.02	10.97	24.14	11.36	110.77	ppb
Potassium	39-2	1964.49	1909.96	2014.67	1963.04	2.67	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	9.11	0.00	3.05	4.05	114.44	ppb
Selenium	78-2	-0.53	-0.53	0.92	-0.05		ppb
Selenium	82-1	0.33	0.44	1.28	0.68	75.81	ppb
Silicon	28-1	8164.90	8282.88	8215.61	8221.13	0.72	ppb
Silver	109-1	0.06	0.06	0.08	0.07	14.79	ppb
Silver	107-1	0.07	0.08	0.07	0.07	11.12	ppb
Sodium	23-2	20887.43	20632.69	20924.63	20814.92	0.76	ppb
Strontium	86-1	5957.57	6074.73	5989.26	6007.19	1.01	ppb
Strontium	88-1	6081.18	6106.30	6048.56	6078.68	0.48	ppb
Sulfur	34-1	9708.64	10061.35	9687.47	9819.15	2.14	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.01	0.01	37.10	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	39.18	ppb
Tin	118-1	0.12	0.11	0.10	0.11	10.06	ppb
Titanium	47-1	0.82	0.68	0.77	0.76	9.54	ppb
Uranium	238-1	4.75	4.74	4.77	4.75	0.27	ppb
Vanadium	51-2	1.21	1.26	1.30	1.26	3.57	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	5.04	4.50	4.47	4.67	6.82	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	5.39	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.17	0.09	0.11	46.42	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.90	25.84	26.26	25.00	7.31	ppb
Antimony	121-1	0.43	0.42	0.43	0.42	1.79	ppb
Arsenic	75-2	5.04	4.60	4.85	4.83	4.58	ppb
Barium	135-1	1356.44	1349.26	1329.88	1345.19	1.02	ppb
Barium	137-1	1351.18	1332.33	1329.17	1337.56	0.89	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	28.32	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	11-1	261.47	270.17	274.58	268.74	2.48	ppb
Boron	10-1	271.18	270.31	277.33	272.94	1.40	ppb
Cadmium	106-1	-1.00	-0.41	-0.47	-0.63		ppb
Cadmium	108-1	0.43	0.53	0.43	0.46	12.17	ppb
Cadmium	111-1	0.19	0.21	0.20	0.20	5.36	ppb
Calcium	43-1	127284.69	126172.62	125757.06	126404.79	0.62	ppb
Calcium	44-1	125568.16	125329.47	124090.20	124995.94	0.63	ppb
Chromium	52-2	2.41	2.62	2.36	2.46	5.42	ppb
Cobalt	59-2	1.37	1.38	1.34	1.36	1.40	ppb
Copper	63-2	77.03	76.42	76.99	76.81	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	67.62	63.82	64.16	65.20	3.22	ppb
Iron	57-2	64.81	73.91	69.81	69.51	6.55	ppb
Lead	206-1	0.41	0.35	0.39	0.38	8.14	ppb
Lead	207-1	0.35	0.34	0.38	0.35	5.83	ppb
Lead	208-1	0.37	0.36	0.37	0.37	1.92	ppb
Lithium	6-1				117		%
Magnesium	24-2	43243.09	43192.13	43147.30	43194.17	0.11	ppb
Manganese	55-2	12665.76	12563.17	12759.77	12662.90	0.78	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.24	2.38	2.16	2.26	4.87	ppb
Molybdenum	94-1	0.95	0.91	0.91	0.92	2.78	ppb
Molybdenum	95-1	2.25	2.27	2.30	2.27	1.06	ppb
Molybdenum	96-1	1.91	1.89	1.88	1.90	0.84	ppb
Molybdenum	97-1	2.27	2.44	2.36	2.36	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.64	14.53	14.56	14.58	0.41	ppb
Phosphorus	31-2	-0.85	-13.32	12.04	-0.71		ppb
Potassium	39-2	4422.06	4549.22	4572.79	4514.69	1.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	12.23	4.08	173.21	ppb
Selenium	78-2	0.91	-0.05	-0.05	0.27	202.32	ppb
Selenium	82-1	0.66	1.34	1.89	1.30	47.45	ppb
Silicon	28-1	10798.55	10737.33	10864.90	10800.26	0.59	ppb
Silver	109-1	0.12	0.13	0.14	0.13	7.80	ppb
Silver	107-1	0.12	0.12	0.13	0.12	2.81	ppb
Sodium	23-2	32765.04	31894.11	32658.78	32439.31	1.46	ppb
Strontium	86-1	1046.94	1053.73	1046.95	1049.21	0.37	ppb
Strontium	88-1	1044.20	1047.33	1041.96	1044.49	0.26	ppb
Sulfur	34-1	-2367.25	-2480.30	-2245.55	-2364.37		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.29	0.33	0.32	0.32	6.03	ppb
Thallium	205-1	0.34	0.31	0.32	0.32	4.25	ppb
Tin	118-1	0.19	0.22	0.18	0.20	10.73	ppb
Titanium	47-1	0.62	0.71	1.47	0.93	49.89	ppb
Uranium	238-1	1.08	1.10	1.17	1.12	4.19	ppb
Vanadium	51-2	8.37	8.29	7.95	8.21	2.75	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	5.51	5.68	5.89	5.69	3.32	ppb
Zirconium	90-1	0.34	0.34	0.34	0.34	0.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.32	0.31	0.32	2.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47407.90	47101.81	47807.01	47438.91	0.75	ppb
Antimony	121-1	496.50	486.77	478.84	487.37	1.81	ppb
Arsenic	75-2	522.63	515.56	518.62	518.94	0.68	ppb
Barium	135-1	2493.86	2470.38	2445.44	2469.89	0.98	ppb
Barium	137-1	2479.31	2440.95	2399.61	2439.96	1.63	ppb
Beryllium	9-1	489.26	485.79	478.98	484.68	1.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	497.77	493.40	494.97	495.38	0.45	ppb
Boron	10-1	501.33	503.85	489.40	498.20	1.55	ppb
Cadmium	106-1	486.80	482.70	473.93	481.14	1.37	ppb
Cadmium	108-1	486.27	484.05	477.13	482.48	0.99	ppb
Cadmium	111-1	479.04	473.66	467.15	473.28	1.26	ppb
Calcium	43-1	235044.00	231682.91	228059.71	231595.54	1.51	ppb
Calcium	44-1	234711.85	232010.41	227296.16	231339.48	1.62	ppb
Chromium	52-2	480.85	481.05	489.75	483.88	1.05	ppb
Cobalt	59-2	509.61	505.71	515.16	510.16	0.93	ppb
Copper	63-2	981.84	973.31	999.64	984.93	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	124698.99	124371.04	125895.40	124988.48	0.64	ppb
Iron	57-2	128196.38	126783.05	128593.30	127857.58	0.74	ppb
Lead	206-1	506.64	487.56	489.70	494.63	2.11	ppb
Lead	207-1	510.95	488.82	496.75	498.84	2.25	ppb
Lead	208-1	509.93	489.36	493.02	497.44	2.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	235003.39	233959.63	240942.57	236635.19	1.59	ppb
Manganese	55-2	954.66	959.19	974.10	962.65	1.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.29	496.71	491.07	500.69	2.42	ppb
Molybdenum	94-1	511.63	492.44	496.96	500.34	2.00	ppb
Molybdenum	95-1	511.90	494.30	494.33	500.18	2.03	ppb
Molybdenum	96-1	506.57	488.61	502.58	499.25	1.89	ppb
Molybdenum	97-1	512.16	488.60	493.44	498.07	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.55	512.49	521.08	517.37	0.85	ppb
Phosphorus	31-2	10019.46	9574.92	9254.46	9616.28	4.00	ppb
Potassium	39-2	117373.33	115204.04	119332.53	117303.30	1.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	497.24	401.22	482.30	460.25	11.23	ppb
Selenium	78-2	451.86	471.46	488.79	470.71	3.93	ppb
Selenium	82-1	491.20	478.99	482.09	484.09	1.31	ppb
Silicon	28-1	500.51	493.01	488.52	494.02	1.23	ppb
Silver	109-1	491.11	486.25	481.23	486.20	1.02	ppb
Silver	107-1	488.98	488.60	479.61	485.73	1.09	ppb
Sodium	23-2	237581.54	233020.07	239447.37	236683.00	1.40	ppb
Strontium	86-1	512.83	504.13	505.25	507.40	0.93	ppb
Strontium	88-1	514.69	505.91	502.93	507.84	1.20	ppb
Sulfur	34-1	11044.54	10429.07	10375.22	10616.28	3.50	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	504.64	493.11	493.41	497.06	1.32	ppb
Thallium	205-1	505.23	488.36	489.10	494.23	1.93	ppb
Tin	118-1	502.73	495.59	487.46	495.26	1.54	ppb
Titanium	47-1	485.74	480.83	475.60	480.72	1.05	ppb
Uranium	238-1	507.25	491.11	497.01	498.46	1.64	ppb
Vanadium	51-2	481.56	474.20	484.72	480.16	1.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	974.66	971.07	988.77	978.16	0.96	ppb
Zirconium	90-1	501.58	490.69	493.55	495.27	1.14	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.05	494.77	494.66	498.83	1.43	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.98	-1.99	0.10	-1.29		ppb
Antimony	121-1	0.11	0.10	0.11	0.10	8.12	ppb
Arsenic	75-2	-0.02	0.03	0.00	0.00	627.74	ppb
Barium	135-1	0.00	-0.02	0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	74.44	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	29.97	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	11-1	9.00	7.57	8.37	8.32	8.60	ppb
Boron	10-1	7.55	7.62	6.89	7.35	5.51	ppb
Cadmium	106-1	-0.18	-1.48	-1.60	-1.09		ppb
Cadmium	108-1	0.09	0.01	0.07	0.06	69.71	ppb
Cadmium	111-1	-0.01	-0.10	-0.12	-0.08		ppb
Calcium	43-1	-6.91	-9.39	-26.34	-14.21		ppb
Calcium	44-1	15.58	12.03	8.28	11.96	30.49	ppb
Chromium	52-2	-0.15	-0.15	-0.25	-0.18		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.00	0.02	0.02	86.45	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				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	0.75	0.92	0.63	0.77	19.37	ppb
Iron	57-2	1.43	2.24	0.23	1.30	77.54	ppb
Lead	206-1	0.02	0.05	0.03	0.03	43.73	ppb
Lead	207-1	0.05	0.01	0.01	0.02	77.90	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.42	-0.01	0.19	0.20	108.66	ppb
Manganese	55-2	0.05	-0.08	-0.01	-0.01		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.01	0.00	114.81	ppb
Molybdenum	94-1	0.04	0.03	0.02	0.03	43.55	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.02	0.02	0.01	24.21	ppb
Molybdenum	97-1	0.07	0.05	0.08	0.07	22.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	59.75	ppb
Phosphorus	31-2	-12.57	13.40	-25.72	-8.30		ppb
Potassium	39-2	1.98	-4.16	3.89	0.57	738.08	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	-0.51	0.01	-0.50		ppb
Selenium	82-1	0.00	-0.62	0.18	-0.15		ppb
Silicon	28-1	-19.15	-20.86	-19.86	-19.95		ppb
Silver	109-1	0.04	0.04	0.02	0.03	28.12	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.74	ppb
Sodium	23-2	35.46	32.99	30.49	32.98	7.54	ppb
Strontium	86-1	-0.05	-0.07	0.01	-0.04		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	50.72	ppb
Sulfur	34-1	-1396.25	-1582.48	-1333.42	-1437.38		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.01	0.02	0.02	36.01	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	20.68	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb
Titanium	47-1	-0.04	-0.08	0.00	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	83.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.04	-0.09	-0.03		ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	20.26	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.04	20.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.42	21.49	28.78	24.23	16.38	ppb
Antimony	121-1	0.31	0.33	0.31	0.32	4.76	ppb
Arsenic	75-2	0.07	0.03	0.04	0.05	38.38	ppb
Barium	135-1	0.75	0.82	0.71	0.76	7.50	ppb
Barium	137-1	0.88	0.84	0.86	0.86	2.37	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	1478.29	ppb
Bismuth	209-1				118		%
Bismuth	209-2				112		%
Boron	11-1	4.56	5.03	5.34	4.98	7.84	ppb
Boron	10-1	4.50	5.06	6.05	5.20	15.10	ppb
Cadmium	106-1	-0.99	-0.44	-1.08	-0.83		ppb
Cadmium	108-1	0.04	-0.01	0.04	0.02	140.45	ppb
Cadmium	111-1	-0.06	-0.03	-0.07	-0.05		ppb
Calcium	43-1	223.27	214.83	217.98	218.70	1.95	ppb
Calcium	44-1	203.79	216.42	209.13	209.78	3.02	ppb
Chromium	52-2	0.10	0.07	-0.04	0.04	171.22	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.56	0.57	0.62	0.58	5.21	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				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	3.77	3.49	3.86	3.71	5.15	ppb
Iron	57-2	6.24	7.94	2.40	5.52	51.41	ppb
Lead	206-1	0.08	0.09	0.05	0.07	29.67	ppb
Lead	207-1	0.08	0.08	0.05	0.07	23.36	ppb
Lead	208-1	0.08	0.08	0.06	0.07	18.50	ppb
Lithium	6-1				114		%
Magnesium	24-2	26.06	21.65	27.30	25.00	11.89	ppb
Manganese	55-2	0.36	0.40	0.20	0.32	33.14	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.69	ppb
Molybdenum	94-1	0.03	0.03	0.04	0.03	19.04	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	85.76	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	25.29	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	21.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.01	0.03	58.22	ppb
Phosphorus	31-2	-0.33	-25.72	12.65	-4.47		ppb
Potassium	39-2	68.80	62.72	43.95	58.49	22.15	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	3.09	0.00	0.00	1.03	173.21	ppb
Selenium	78-2	-0.52	0.46	-0.02	-0.03		ppb
Selenium	82-1	-0.75	0.29	-1.08	-0.51		ppb
Silicon	28-1	755.73	786.13	762.28	768.05	2.08	ppb
Silver	109-1	0.21	0.18	0.21	0.20	9.40	ppb
Silver	107-1	0.20	0.23	0.19	0.21	8.49	ppb
Sodium	23-2	659.06	653.30	648.52	653.63	0.81	ppb
Strontium	86-1	1.13	1.31	1.32	1.25	8.50	ppb
Strontium	88-1	1.30	1.33	1.30	1.31	1.20	ppb
Sulfur	34-1	-2623.11	-2191.15	-2654.78	-2489.68		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.04	0.03	0.04	23.36	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	14.05	ppb
Tin	118-1	0.46	0.79	0.46	0.57	32.74	ppb
Titanium	47-1	0.16	0.11	0.14	0.13	17.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	201.93	ppb
Vanadium	51-2	0.05	0.03	0.05	0.04	24.07	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1.26	1.09	1.21	1.19	7.48	ppb
Zirconium	90-1	0.04	0.16	0.04	0.08	81.30	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.05	0.04	22.25	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.71	62.92	53.23	51.62	23.60	ppb
Antimony	121-1	0.34	0.31	0.33	0.33	4.55	ppb
Arsenic	75-2	6.56	6.13	6.41	6.36	3.37	ppb
Barium	135-1	166.33	163.14	164.66	164.71	0.97	ppb
Barium	137-1	166.60	162.97	162.81	164.13	1.30	ppb
Beryllium	9-1	0.03	0.05	0.06	0.05	26.31	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	11-1	114.81	117.59	116.00	116.14	1.20	ppb
Boron	10-1	117.81	117.46	118.42	117.90	0.41	ppb
Cadmium	106-1	-0.47	-0.84	-2.28	-1.19		ppb
Cadmium	108-1	0.21	0.28	0.21	0.24	17.72	ppb
Cadmium	111-1	-0.02	-0.05	-0.13	-0.07		ppb
Calcium	43-1	65973.01	65764.15	66002.67	65913.28	0.20	ppb
Calcium	44-1	62911.10	63055.30	62669.58	62878.66	0.31	ppb
Chromium	52-2	1.15	1.25	1.32	1.24	6.71	ppb
Cobalt	59-2	0.26	0.25	0.27	0.26	3.47	ppb
Copper	63-2	0.80	0.77	0.80	0.79	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	23.09	24.15	25.63	24.29	5.26	ppb
Iron	57-2	27.41	31.39	21.07	26.62	19.54	ppb
Lead	206-1	0.21	0.24	0.22	0.22	7.11	ppb
Lead	207-1	0.18	0.21	0.19	0.19	5.88	ppb
Lead	208-1	0.20	0.21	0.20	0.21	3.68	ppb
Lithium	6-1				116		%
Magnesium	24-2	33326.21	34073.48	33934.06	33777.92	1.18	ppb
Manganese	55-2	75.92	77.31	77.57	76.93	1.15	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	53.16	51.70	51.71	52.19	1.62	ppb
Molybdenum	94-1	17.26	17.04	17.13	17.14	0.63	ppb
Molybdenum	95-1	52.53	51.36	52.93	52.27	1.56	ppb
Molybdenum	96-1	44.96	43.34	43.79	44.03	1.90	ppb
Molybdenum	97-1	52.71	51.99	51.61	52.10	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.14	1.16	1.15	0.66	ppb
Phosphorus	31-2	23.82	-13.08	12.52	7.75	243.85	ppb
Potassium	39-2	4165.27	4334.04	4257.21	4252.17	1.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.90	-0.53	1.44	0.94	138.07	ppb
Selenium	82-1	1.48	1.93	1.35	1.59	19.22	ppb
Silicon	28-1	8312.97	8377.76	8317.62	8336.12	0.43	ppb
Silver	109-1	0.16	0.16	0.16	0.16	0.93	ppb
Silver	107-1	0.12	0.13	0.15	0.13	10.80	ppb
Sodium	23-2	21727.80	22287.40	22098.30	22037.83	1.29	ppb
Strontium	86-1	8705.72	8540.59	8535.04	8593.78	1.13	ppb
Strontium	88-1	8808.13	8607.80	8608.07	8674.67	1.33	ppb
Sulfur	34-1	14621.82	14536.00	14499.03	14552.28	0.43	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.02	0.03	0.02	26.91	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	8.68	ppb
Tin	118-1	0.28	0.25	0.28	0.27	6.12	ppb
Titanium	47-1	0.77	0.70	1.40	0.96	40.31	ppb
Uranium	238-1	4.41	4.29	4.33	4.34	1.46	ppb
Vanadium	51-2	1.78	1.65	1.94	1.79	8.14	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4.69	4.57	4.06	4.44	7.57	ppb
Zirconium	90-1	0.11	0.11	0.13	0.12	8.66	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.13	0.09	0.11	16.45	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.98	47.77	40.60	43.78	8.34	ppb
Antimony	121-1	0.33	0.32	0.32	0.32	2.05	ppb
Arsenic	75-2	6.19	6.55	6.30	6.34	2.89	ppb
Barium	135-1	162.73	162.59	161.69	162.34	0.35	ppb
Barium	137-1	164.26	162.17	160.09	162.17	1.29	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.44	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	11-1	113.72	114.53	116.35	114.87	1.17	ppb
Boron	10-1	115.99	112.80	117.64	115.48	2.13	ppb
Cadmium	106-1	-1.21	-1.29	-0.91	-1.14		ppb
Cadmium	108-1	0.08	0.18	0.16	0.14	35.68	ppb
Cadmium	111-1	-0.07	-0.08	-0.05	-0.07		ppb
Calcium	43-1	65576.12	65763.71	64526.82	65288.88	1.02	ppb
Calcium	44-1	62747.88	63027.48	61876.75	62550.71	0.96	ppb
Chromium	52-2	1.20	1.62	1.34	1.38	15.16	ppb
Cobalt	59-2	0.25	0.32	0.28	0.28	11.59	ppb
Copper	63-2	0.83	0.84	0.88	0.85	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	56-2	24.19	29.09	29.53	27.60	10.73	ppb
Iron	57-2	25.16	31.51	34.57	30.41	15.79	ppb
Lead	206-1	0.22	0.24	0.22	0.23	5.62	ppb
Lead	207-1	0.19	0.20	0.20	0.20	3.16	ppb
Lead	208-1	0.22	0.20	0.20	0.21	4.01	ppb
Lithium	6-1				117		%
Magnesium	24-2	33164.18	36460.56	34911.04	34845.26	4.73	ppb
Manganese	55-2	74.55	82.07	78.45	78.36	4.80	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	52.40	51.71	51.45	51.85	0.95	ppb
Molybdenum	94-1	17.41	16.97	17.12	17.16	1.30	ppb
Molybdenum	95-1	52.53	52.17	52.00	52.23	0.52	ppb
Molybdenum	96-1	44.58	43.68	43.78	44.01	1.12	ppb
Molybdenum	97-1	51.75	52.15	51.41	51.77	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.26	1.23	1.25	1.40	ppb
Phosphorus	31-2	-0.78	-11.96	40.60	9.29	298.22	ppb
Potassium	39-2	4058.24	4577.16	4421.95	4352.45	6.12	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	0.57	1.01	0.68	42.56	ppb
Selenium	82-1	0.74	1.70	-0.05	0.80	110.01	ppb
Silicon	28-1	8246.10	8324.45	8171.83	8247.46	0.93	ppb
Silver	109-1	0.14	0.13	0.12	0.13	5.59	ppb
Silver	107-1	0.13	0.12	0.12	0.13	5.01	ppb
Sodium	23-2	21665.32	24013.17	22743.93	22807.47	5.15	ppb
Strontium	86-1	8538.74	8507.91	8554.24	8533.63	0.28	ppb
Strontium	88-1	8722.08	8665.66	8653.38	8680.37	0.42	ppb
Sulfur	34-1	14346.89	14448.65	14209.24	14334.93	0.84	ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.02	0.02	15.16	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.62	ppb
Tin	118-1	0.26	0.23	0.28	0.26	9.46	ppb
Titanium	47-1	0.72	0.84	0.97	0.85	14.40	ppb
Uranium	238-1	4.41	4.37	4.35	4.37	0.70	ppb
Vanadium	51-2	1.67	1.96	1.76	1.80	8.08	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	3.42	3.23	3.10	3.25	4.97	ppb
Zirconium	90-1	0.11	0.10	0.12	0.11	11.79	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.11	0.13	0.12	13.55	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.38	3.25	7.27	8.63	71.59	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	11.37	ppb
Arsenic	75-2	1.10	1.25	0.96	1.10	12.85	ppb
Barium	135-1	32.25	34.46	32.77	33.16	3.49	ppb
Barium	137-1	32.10	33.44	32.80	32.78	2.03	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	62.32	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	11-1	28.99	31.37	30.73	30.36	4.06	ppb
Boron	10-1	30.94	31.62	28.07	30.21	6.24	ppb
Cadmium	106-1	-0.99	-1.04	-1.09	-1.04		ppb
Cadmium	108-1	0.01	0.23	0.07	0.10	109.23	ppb
Cadmium	111-1	-0.07	-0.08	-0.07	-0.07		ppb
Calcium	43-1	12653.10	12960.48	12680.87	12764.82	1.33	ppb
Calcium	44-1	12586.18	12966.34	12765.27	12772.60	1.49	ppb
Chromium	52-2	0.11	0.15	-0.03	0.07	128.13	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	6.71	ppb
Copper	63-2	0.22	0.23	0.22	0.22	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	4.93	5.27	4.65	4.95	6.23	ppb
Iron	57-2	3.77	7.38	6.36	5.83	31.87	ppb
Lead	206-1	0.03	0.03	0.03	0.03	7.97	ppb
Lead	207-1	0.02	0.04	0.04	0.04	31.12	ppb
Lead	208-1	0.03	0.04	0.04	0.03	23.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	6399.16	6574.63	6477.51	6483.76	1.36	ppb
Manganese	55-2	14.58	15.30	15.35	15.08	2.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	10.32	10.81	10.60	10.58	2.33	ppb
Molybdenum	94-1	3.40	3.39	3.49	3.43	1.64	ppb
Molybdenum	95-1	10.14	10.43	10.58	10.38	2.12	ppb
Molybdenum	96-1	8.64	8.95	9.16	8.91	2.92	ppb
Molybdenum	97-1	9.96	10.77	10.64	10.46	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.27	0.10	0.18	44.05	ppb
Phosphorus	31-2	-25.72	0.37	-0.04	-8.46		ppb
Potassium	39-2	819.21	819.94	814.85	818.00	0.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.49	-1.01	0.99	0.49	270.62	ppb
Selenium	82-1	1.06	-0.79	0.38	0.22	428.76	ppb
Silicon	28-1	1620.89	1676.97	1654.48	1650.78	1.71	ppb
Silver	109-1	0.04	0.05	0.05	0.04	10.28	ppb
Silver	107-1	0.03	0.04	0.03	0.03	19.40	ppb
Sodium	23-2	4178.21	4260.76	4198.35	4212.44	1.02	ppb
Strontium	86-1	1682.77	1724.53	1756.28	1721.19	2.14	ppb
Strontium	88-1	1691.68	1762.01	1754.52	1736.07	2.22	ppb
Sulfur	34-1	1633.51	2057.26	2057.12	1915.96	12.77	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.01	0.01	27.19	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	41.40	ppb
Tin	118-1	0.01	0.02	0.00	0.01	78.99	ppb
Titanium	47-1	0.18	0.13	0.11	0.14	26.57	ppb
Uranium	238-1	0.86	0.85	0.85	0.85	0.51	ppb
Vanadium	51-2	0.25	0.33	0.30	0.30	12.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.28	0.29	0.17	0.25	27.45	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	17.24	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.05	0.03	38.22	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2006.01	1847.98	2176.12	2010.04	8.16	ppb
Antimony	121-1	103.14	104.73	104.70	104.19	0.87	ppb
Arsenic	75-2	45.76	45.74	50.27	47.26	5.52	ppb
Barium	135-1	2251.51	2268.46	2279.73	2266.57	0.63	ppb
Barium	137-1	2204.67	2270.56	2235.71	2236.98	1.47	ppb
Beryllium	9-1	47.53	47.84	47.90	47.76	0.41	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	11-1	109.42	111.29	111.97	110.89	1.19	ppb
Boron	10-1	112.70	112.92	114.56	113.39	0.90	ppb
Cadmium	106-1	42.13	43.20	44.85	43.40	3.15	ppb
Cadmium	108-1	49.80	49.89	48.25	49.31	1.87	ppb
Cadmium	111-1	50.60	51.33	51.63	51.19	1.03	ppb
Calcium	43-1	64546.31	63993.56	64467.27	64335.71	0.46	ppb
Calcium	44-1	62035.67	61377.24	61588.75	61667.22	0.55	ppb
Chromium	52-2	205.06	209.05	227.06	213.73	5.49	ppb
Cobalt	59-2	508.17	515.63	560.45	528.09	5.35	ppb
Copper	63-2	262.48	266.14	287.69	272.10	5.01	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				120		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	1062.25	1076.23	1166.98	1101.82	5.16	ppb
Iron	57-2	1071.13	1072.07	1176.15	1106.45	5.46	ppb
Lead	206-1	20.32	20.45	20.53	20.44	0.53	ppb
Lead	207-1	20.10	20.13	20.14	20.12	0.12	ppb
Lead	208-1	20.23	20.21	20.36	20.27	0.40	ppb
Lithium	6-1				118		%
Magnesium	24-2	32412.81	32655.09	35075.19	33381.03	4.41	ppb
Manganese	55-2	585.47	587.29	641.09	604.62	5.23	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	51.32	51.29	50.84	51.15	0.53	ppb
Molybdenum	94-1	16.92	16.94	16.99	16.95	0.22	ppb
Molybdenum	95-1	50.63	50.58	50.39	50.53	0.25	ppb
Molybdenum	96-1	42.83	43.22	43.01	43.02	0.45	ppb
Molybdenum	97-1	50.15	50.84	51.01	50.67	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.07	526.12	570.90	539.69	5.02	ppb
Phosphorus	31-2	24.64	-12.98	29.45	13.70	169.56	ppb
Potassium	39-2	4059.95	4078.68	4473.54	4204.06	5.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	106.24	121.02	128.68	118.65	9.61	ppb
Selenium	78-2	101.41	91.85	98.26	97.17	5.01	ppb
Selenium	82-1	105.56	105.13	103.07	104.58	1.27	ppb
Silicon	28-1	8115.61	8120.55	8135.16	8123.77	0.13	ppb
Silver	109-1	47.63	48.48	47.87	48.00	0.91	ppb
Silver	107-1	47.34	47.82	47.50	47.55	0.52	ppb
Sodium	23-2	21322.31	21569.33	23558.50	22150.05	5.53	ppb
Strontium	86-1	8341.62	8388.63	8346.47	8358.91	0.31	ppb
Strontium	88-1	8468.52	8468.24	8364.04	8433.60	0.71	ppb
Sulfur	34-1	14100.20	14154.70	14318.99	14191.30	0.80	ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	51.09	51.36	51.36	51.27	0.31	ppb
Thallium	205-1	52.34	51.68	52.17	52.06	0.65	ppb
Tin	118-1	0.30	0.31	0.37	0.33	12.30	ppb
Titanium	47-1	1.34	0.97	0.83	1.05	25.09	ppb
Uranium	238-1	4.24	4.31	4.31	4.29	0.87	ppb
Vanadium	51-2	513.87	516.17	562.12	530.72	5.13	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	515.30	512.32	565.68	531.10	5.65	ppb
Zirconium	90-1	0.11	0.11	0.13	0.12	7.50	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.15	0.12	0.14	13.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	374.37	243.78	262.65	293.60	24.04	ppb
Antimony	121-1	0.20	0.24	0.23	0.22	7.75	ppb
Arsenic	75-2	6.19	6.60	5.60	6.13	8.16	ppb
Barium	135-1	254.48	256.67	251.03	254.06	1.12	ppb
Barium	137-1	254.38	254.24	252.50	253.71	0.41	ppb
Beryllium	9-1	0.12	0.11	0.19	0.14	30.00	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	11-1	78.58	81.19	79.77	79.85	1.64	ppb
Boron	10-1	79.13	83.03	83.60	81.92	2.97	ppb
Cadmium	106-1	-1.58	-0.26	-1.31	-1.05		ppb
Cadmium	108-1	0.27	0.32	0.30	0.30	9.03	ppb
Cadmium	111-1	-0.12	-0.01	-0.09	-0.07		ppb
Calcium	43-1	71371.83	72126.95	71268.35	71589.04	0.65	ppb
Calcium	44-1	70269.55	70060.67	70512.28	70280.83	0.32	ppb
Chromium	52-2	4.50	4.36	4.29	4.39	2.44	ppb
Cobalt	59-2	0.19	0.17	0.16	0.17	8.23	ppb
Copper	63-2	2.08	2.10	2.01	2.06	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	342.68	335.30	340.21	339.40	1.11	ppb
Iron	57-2	343.03	353.09	365.46	353.86	3.18	ppb
Lead	206-1	0.86	0.94	0.91	0.90	4.67	ppb
Lead	207-1	0.85	0.81	0.77	0.81	4.80	ppb
Lead	208-1	0.84	0.85	0.85	0.85	0.74	ppb
Lithium	6-1				119		%
Magnesium	24-2	40500.68	40793.08	40594.46	40629.41	0.37	ppb
Manganese	55-2	25.57	25.67	25.18	25.47	1.02	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.35	3.24	3.37	3.32	2.20	ppb
Molybdenum	94-1	1.32	1.29	1.38	1.33	3.36	ppb
Molybdenum	95-1	3.18	3.24	3.19	3.20	1.03	ppb
Molybdenum	96-1	2.77	2.87	2.87	2.84	1.96	ppb
Molybdenum	97-1	3.42	3.34	3.22	3.33	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.75	1.78	1.69	7.34	ppb
Phosphorus	31-2	-13.19	-0.19	38.45	8.36	321.34	ppb
Potassium	39-2	837.95	893.56	898.60	876.70	3.84	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	0.00	3.08	9.50	4.19	115.61	ppb
Selenium	78-2	8.38	4.35	0.99	4.57	80.81	ppb
Selenium	82-1	3.97	3.20	4.16	3.77	13.43	ppb
Silicon	28-1	9674.72	9694.00	9560.25	9642.99	0.75	ppb
Silver	109-1	0.14	0.13	0.16	0.14	13.41	ppb
Silver	107-1	0.15	0.14	0.16	0.15	6.57	ppb
Sodium	23-2	17361.60	17151.10	17249.38	17254.03	0.61	ppb
Strontium	86-1	3501.68	3511.58	3525.73	3512.99	0.34	ppb
Strontium	88-1	3576.72	3537.12	3583.34	3565.73	0.70	ppb
Sulfur	34-1	12441.76	12509.41	11952.71	12301.29	2.47	ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.00	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	14.69	ppb
Tin	118-1	0.07	0.12	0.06	0.08	36.08	ppb
Titanium	47-1	7.95	7.64	7.29	7.63	4.34	ppb
Uranium	238-1	4.57	4.66	4.70	4.64	1.43	ppb
Vanadium	51-2	1.49	1.40	1.20	1.36	11.01	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	2.60	3.77	2.81	3.06	20.37	ppb
Zirconium	90-1	0.38	0.44	0.40	0.41	6.99	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.45	0.42	0.41	0.43	4.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.54	56.11	48.15	53.93	9.38	ppb
Antimony	121-1	0.25	0.25	0.28	0.26	6.34	ppb
Arsenic	75-2	1.23	1.14	1.27	1.21	5.61	ppb
Barium	135-1	139.57	141.41	146.08	142.35	2.36	ppb
Barium	137-1	140.71	141.81	144.53	142.35	1.38	ppb
Beryllium	9-1	0.02	0.00	0.02	0.02	61.56	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	11-1	48.29	50.62	49.80	49.57	2.38	ppb
Boron	10-1	51.91	51.34	50.85	51.37	1.03	ppb
Cadmium	106-1	-1.47	-0.93	-1.64	-1.35		ppb
Cadmium	108-1	0.01	0.13	0.01	0.05	138.32	ppb
Cadmium	111-1	-0.09	-0.06	-0.08	-0.08		ppb
Calcium	43-1	73904.55	74930.30	75695.16	74843.34	1.20	ppb
Calcium	44-1	73198.74	73235.72	74659.12	73697.86	1.13	ppb
Chromium	52-2	2.35	2.41	2.53	2.43	3.77	ppb
Cobalt	59-2	0.60	0.57	0.57	0.58	3.22	ppb
Copper	63-2	1.35	1.41	1.36	1.37	2.38	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				120		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	39.41	40.53	39.92	39.95	1.41	ppb
Iron	57-2	45.26	40.19	51.26	45.57	12.16	ppb
Lead	206-1	0.19	0.20	0.22	0.21	7.00	ppb
Lead	207-1	0.21	0.15	0.16	0.17	18.11	ppb
Lead	208-1	0.19	0.18	0.18	0.19	3.91	ppb
Lithium	6-1				118		%
Magnesium	24-2	35346.86	35804.83	35473.77	35541.82	0.67	ppb
Manganese	55-2	26.29	27.47	27.59	27.11	2.66	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.20	7.26	7.33	7.27	0.88	ppb
Molybdenum	94-1	2.38	2.40	2.48	2.42	2.10	ppb
Molybdenum	95-1	7.30	7.21	7.50	7.34	2.06	ppb
Molybdenum	96-1	6.10	6.10	6.24	6.15	1.34	ppb
Molybdenum	97-1	7.17	7.30	7.52	7.33	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.08	3.00	3.15	3.08	2.37	ppb
Phosphorus	31-2	12.03	-13.02	25.31	8.11	240.12	ppb
Potassium	39-2	1114.21	1130.50	1136.85	1127.18	1.04	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	77-2	3.12	0.00	0.00	1.04	173.21	ppb
Selenium	78-2	-0.03	1.91	0.48	0.79	127.66	ppb
Selenium	82-1	0.51	0.28	0.58	0.46	33.75	ppb
Silicon	28-1	8270.90	8251.29	8403.18	8308.45	0.99	ppb
Silver	109-1	0.12	0.13	0.18	0.15	22.61	ppb
Silver	107-1	0.14	0.15	0.15	0.15	3.26	ppb
Sodium	23-2	17487.05	17696.92	17760.75	17648.24	0.81	ppb
Strontium	86-1	2242.72	2251.29	2308.71	2267.58	1.58	ppb
Strontium	88-1	2270.21	2282.95	2333.94	2295.70	1.47	ppb
Sulfur	34-1	10774.94	10333.11	10694.38	10600.81	2.22	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.01	0.01	0.01	47.21	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.98	ppb
Tin	118-1	0.07	0.10	0.08	0.08	16.58	ppb
Titanium	47-1	1.22	1.17	1.24	1.21	3.03	ppb
Uranium	238-1	4.33	4.40	4.56	4.43	2.71	ppb
Vanadium	51-2	1.33	1.38	1.42	1.38	3.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	2.42	2.33	2.23	2.32	4.08	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	11.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.04	0.05	0.06	38.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.86	22.85	26.58	29.09	26.86	ppb
Antimony	121-1	0.20	0.19	0.21	0.20	5.64	ppb
Arsenic	75-2	4.49	3.82	4.76	4.36	11.08	ppb
Barium	135-1	246.30	244.33	244.28	244.97	0.47	ppb
Barium	137-1	244.30	243.86	243.36	243.84	0.19	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	107.32	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	11-1	110.81	113.08	113.62	112.50	1.33	ppb
Boron	10-1	116.17	115.09	113.19	114.82	1.32	ppb
Cadmium	106-1	-1.75	-1.42	-1.33	-1.50		ppb
Cadmium	108-1	0.03	0.10	0.08	0.07	49.47	ppb
Cadmium	111-1	-0.11	-0.09	-0.08	-0.09		ppb
Calcium	43-1	86046.30	87317.40	85844.99	86402.90	0.92	ppb
Calcium	44-1	84883.82	85076.07	83573.42	84511.10	0.97	ppb
Chromium	52-2	1.82	1.96	1.98	1.92	4.58	ppb
Cobalt	59-2	0.79	0.82	0.82	0.81	2.22	ppb
Copper	63-2	1.56	1.60	1.55	1.57	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				121		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	913.05	916.23	904.33	911.20	0.68	ppb
Iron	57-2	922.37	920.86	904.22	915.81	1.10	ppb
Lead	206-1	0.24	0.23	0.25	0.24	3.99	ppb
Lead	207-1	0.20	0.18	0.18	0.19	6.07	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.14	ppb
Lithium	6-1				119		%
Magnesium	24-2	42862.10	42922.94	42198.51	42661.19	0.94	ppb
Manganese	55-2	229.16	234.06	231.67	231.63	1.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.56	6.43	6.58	6.52	1.27	ppb
Molybdenum	94-1	2.14	2.13	2.15	2.14	0.43	ppb
Molybdenum	95-1	6.49	6.60	6.42	6.51	1.37	ppb
Molybdenum	96-1	5.58	5.65	5.41	5.54	2.26	ppb
Molybdenum	97-1	6.34	6.40	6.46	6.40	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.73	6.28	6.45	6.49	3.56	ppb
Phosphorus	31-2	25.23	12.98	37.90	25.37	49.11	ppb
Potassium	39-2	2798.37	2934.08	2798.92	2843.79	2.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.52	-0.52	-0.52		ppb
Selenium	82-1	-0.63	0.61	-0.04	-0.02		ppb
Silicon	28-1	8590.45	8625.87	8530.57	8582.30	0.56	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.22	ppb
Silver	107-1	0.12	0.12	0.12	0.12	3.06	ppb
Sodium	23-2	24631.61	24396.20	24287.66	24438.49	0.72	ppb
Strontium	86-1	3273.09	3264.27	3272.92	3270.10	0.15	ppb
Strontium	88-1	3308.48	3307.79	3299.58	3305.28	0.15	ppb
Sulfur	34-1	6627.42	6688.41	6360.45	6558.76	2.66	ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.01	0.01	0.01	64.21	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	27.85	ppb
Tin	118-1	0.09	0.06	0.05	0.07	26.66	ppb
Titanium	47-1	0.63	0.65	0.72	0.66	7.32	ppb
Uranium	238-1	3.51	3.40	3.43	3.45	1.57	ppb
Vanadium	51-2	0.44	0.35	0.36	0.38	12.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	3.89	3.71	3.81	3.80	2.32	ppb
Zirconium	90-1	0.05	0.07	0.08	0.07	20.19	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.09	0.09	3.71	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.47	41.44	39.60	38.50	9.38	ppb
Antimony	121-1	0.23	0.22	0.25	0.23	7.47	ppb
Arsenic	75-2	2.56	2.74	2.44	2.58	5.81	ppb
Barium	135-1	344.62	340.39	348.40	344.47	1.16	ppb
Barium	137-1	344.23	339.49	345.72	343.15	0.95	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	10.49	ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Boron	11-1	182.61	179.69	186.24	182.85	1.79	ppb
Boron	10-1	179.04	183.45	189.10	183.86	2.74	ppb
Cadmium	106-1	2.96	1.76	1.75	2.16	32.24	ppb
Cadmium	108-1	5.45	4.95	5.23	5.21	4.83	ppb
Cadmium	111-1	-0.05	-0.11	-0.13	-0.10		ppb
Calcium	43-1	116676.79	117194.27	121140.04	118337.03	2.06	ppb
Calcium	44-1	116372.26	116146.80	119141.71	117220.26	1.42	ppb
Chromium	52-2	20.10	19.65	19.04	19.59	2.73	ppb
Cobalt	59-2	0.99	0.99	0.97	0.98	1.18	ppb
Copper	63-2	29.76	29.37	29.08	29.40	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				120		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	90.02	86.55	85.51	87.36	2.71	ppb
Iron	57-2	83.48	96.40	97.59	92.49	8.46	ppb
Lead	206-1	0.19	0.21	0.17	0.19	13.00	ppb
Lead	207-1	0.17	0.17	0.16	0.17	3.43	ppb
Lead	208-1	0.18	0.19	0.18	0.19	2.63	ppb
Lithium	6-1				118		%
Magnesium	24-2	57766.06	57816.82	56039.98	57207.62	1.77	ppb
Manganese	55-2	533.11	525.08	514.79	524.33	1.75	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.15	0.14	0.16	0.15	5.23	ppb
Molybdenum	94-1	0.21	0.22	0.23	0.22	4.08	ppb
Molybdenum	95-1	0.18	0.16	0.20	0.18	10.46	ppb
Molybdenum	96-1	0.17	0.19	0.16	0.18	7.52	ppb
Molybdenum	97-1	0.32	0.22	0.25	0.26	20.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.46	8.90	8.31	8.56	3.60	ppb
Phosphorus	31-2	13.22	-12.84	-13.08	-4.23		ppb
Potassium	39-2	2047.37	2038.62	1965.34	2017.11	2.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	77-2	0.00	15.49	9.31	8.26	94.32	ppb
Selenium	78-2	1.96	1.44	4.88	2.76	67.18	ppb
Selenium	82-1	1.97	2.16	1.19	1.78	29.13	ppb
Silicon	28-1	10678.39	10668.57	10991.89	10779.62	1.71	ppb
Silver	109-1	0.54	0.55	0.60	0.56	5.96	ppb
Silver	107-1	0.55	0.49	0.53	0.53	5.74	ppb
Sodium	23-2	73892.11	74115.00	71649.30	73218.80	1.86	ppb
Strontium	86-1	2701.80	2694.40	2745.91	2714.04	1.03	ppb
Strontium	88-1	2727.52	2744.35	2783.29	2751.72	1.04	ppb
Sulfur	34-1	3806.62	3873.26	4332.03	4003.97	7.14	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.00	0.00	0.01	112.53	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	40.70	ppb
Tin	118-1	0.07	0.05	0.06	0.06	13.55	ppb
Titanium	47-1	0.99	0.96	0.88	0.94	5.95	ppb
Uranium	238-1	12.11	12.05	12.27	12.14	0.97	ppb
Vanadium	51-2	2.72	2.55	2.72	2.66	3.70	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	1.64	1.50	1.93	1.69	13.06	ppb
Zirconium	90-1	0.25	0.24	0.24	0.24	2.29	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.24	0.24	0.23	3.48	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.92	1.93	0.98	94.36	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	2.70	ppb
Arsenic	75-2	4.17	4.02	3.82	4.00	4.30	ppb
Barium	135-1	200.67	209.58	202.29	204.18	2.32	ppb
Barium	137-1	203.83	208.79	203.83	205.48	1.39	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00		ppb
Bismuth	209-1				127		%
Bismuth	209-2				117		%
Boron	11-1	96.69	98.76	95.86	97.10	1.54	ppb
Boron	10-1	97.74	98.54	98.64	98.31	0.50	ppb
Cadmium	106-1	-1.07	-1.37	-1.65	-1.37		ppb
Cadmium	108-1	0.44	0.27	0.61	0.44	38.32	ppb
Cadmium	111-1	-0.09	-0.11	-0.15	-0.12		ppb
Calcium	43-1	73882.14	72963.44	74050.72	73632.10	0.79	ppb
Calcium	44-1	71103.75	70992.90	71342.48	71146.38	0.25	ppb
Chromium	52-2	1.34	1.23	1.20	1.25	5.86	ppb
Cobalt	59-2	0.10	0.14	0.15	0.13	19.56	ppb
Copper	63-2	1.21	1.13	1.13	1.16	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				117		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	56-2	5.93	5.08	5.07	5.36	9.19	ppb
Iron	57-2	7.02	5.93	4.08	5.68	26.12	ppb
Lead	206-1	0.04	0.03	0.02	0.03	36.12	ppb
Lead	207-1	0.03	0.03	0.04	0.03	19.62	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.90	ppb
Lithium	6-1				116		%
Magnesium	24-2	41390.97	38680.07	38912.50	39661.18	3.79	ppb
Manganese	55-2	17.21	15.48	15.49	16.06	6.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.84	2.82	2.83	2.83	0.49	ppb
Molybdenum	94-1	0.96	0.92	0.97	0.95	2.50	ppb
Molybdenum	95-1	2.88	2.74	2.77	2.80	2.76	ppb
Molybdenum	96-1	2.44	2.36	2.38	2.39	1.66	ppb
Molybdenum	97-1	2.88	2.97	2.90	2.92	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.69	4.56	4.15	4.47	6.27	ppb
Phosphorus	31-2	0.20	-1.08	-25.72	-8.87		ppb
Potassium	39-2	982.41	870.09	842.34	898.28	8.26	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	77-2	0.00	2.98	0.00	0.99	173.21	ppb
Selenium	78-2	-0.52	-1.01	0.89	-0.21		ppb
Selenium	82-1	0.92	0.36	0.77	0.68	42.78	ppb
Silicon	28-1	8938.60	8890.17	8852.01	8893.59	0.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.32	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.09	ppb
Sodium	23-2	20069.95	18702.65	18846.39	19206.33	3.91	ppb
Strontium	86-1	3555.07	3493.16	3496.43	3514.89	0.99	ppb
Strontium	88-1	3631.28	3582.03	3526.34	3579.88	1.47	ppb
Sulfur	34-1	8654.33	8559.27	8530.46	8581.35	0.76	ppb
Terbium	159-1				122		%
Terbium	159-2				116		%
Thallium	203-1	0.00	0.00	0.01	0.01	96.04	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	46.43	ppb
Tin	118-1	0.03	-0.04	-0.02	-0.01		ppb
Titanium	47-1	0.24	0.14	0.08	0.15	54.95	ppb
Uranium	238-1	5.67	5.81	5.86	5.78	1.73	ppb
Vanadium	51-2	1.39	1.11	1.20	1.23	11.54	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	3.11	2.91	2.94	2.98	3.56	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	13.56	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.08	0.04	118.81	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.91	1.92	1.62	30.55	ppb
Antimony	121-1	0.06	0.07	0.06	0.07	7.21	ppb
Arsenic	75-2	3.68	3.62	3.97	3.76	5.06	ppb
Barium	135-1	195.30	196.97	197.91	196.73	0.67	ppb
Barium	137-1	196.62	196.86	195.04	196.17	0.50	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	111.08	ppb
Bismuth	209-1				127		%
Bismuth	209-2				118		%
Boron	11-1	160.56	164.77	163.00	162.77	1.30	ppb
Boron	10-1	163.31	168.58	170.54	167.48	2.23	ppb
Cadmium	106-1	-1.23	-0.87	-0.98	-1.03		ppb
Cadmium	108-1	0.12	0.08	0.06	0.09	39.81	ppb
Cadmium	111-1	-0.07	-0.04	-0.06	-0.06		ppb
Calcium	43-1	64032.60	64162.83	63936.43	64043.95	0.18	ppb
Calcium	44-1	61574.27	62031.91	61606.69	61737.62	0.41	ppb
Chromium	52-2	0.02	0.09	-0.05	0.02	331.43	ppb
Cobalt	59-2	0.14	0.17	0.15	0.15	8.19	ppb
Copper	63-2	0.74	0.65	0.68	0.69	6.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	56-2	6.38	5.27	5.73	5.79	9.69	ppb
Iron	57-2	10.16	5.93	4.87	6.99	40.13	ppb
Lead	206-1	0.10	0.10	0.11	0.10	4.54	ppb
Lead	207-1	0.08	0.09	0.10	0.09	12.32	ppb
Lead	208-1	0.09	0.09	0.10	0.09	4.95	ppb
Lithium	6-1				114		%
Magnesium	24-2	36071.02	34922.42	34911.06	35301.50	1.89	ppb
Manganese	55-2	16.22	14.63	15.48	15.44	5.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.46	5.36	5.56	5.46	1.85	ppb
Molybdenum	94-1	1.82	1.82	1.80	1.81	0.57	ppb
Molybdenum	95-1	5.34	5.40	5.42	5.39	0.80	ppb
Molybdenum	96-1	4.59	4.65	4.39	4.54	2.93	ppb
Molybdenum	97-1	5.82	5.65	5.43	5.63	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.50	3.25	3.49	3.41	4.09	ppb
Phosphorus	31-2	-0.26	-25.72	-1.05	-9.01		ppb
Potassium	39-2	1747.76	1653.88	1699.83	1700.49	2.76	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	1.36	-0.05	0.42	191.41	ppb
Selenium	82-1	1.17	-0.43	0.38	0.38	213.30	ppb
Silicon	28-1	8154.69	8235.73	8208.70	8199.71	0.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.69	ppb
Sodium	23-2	19987.08	19361.41	19075.46	19474.65	2.39	ppb
Strontium	86-1	5547.21	5508.60	5515.85	5523.89	0.37	ppb
Strontium	88-1	5636.07	5579.51	5531.38	5582.32	0.94	ppb
Sulfur	34-1	8977.22	9403.02	9143.01	9174.42	2.34	ppb
Terbium	159-1				122		%
Terbium	159-2				116		%
Thallium	203-1	0.00	0.01	0.01	0.01	43.92	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	29.90	ppb
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.16	0.21	0.16	0.18	15.87	ppb
Uranium	238-1	4.49	4.43	4.46	4.46	0.67	ppb
Vanadium	51-2	1.34	1.30	1.19	1.28	6.00	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	1.69	1.68	1.53	1.63	5.44	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	22.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	9.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.28	5.27	1.18	4.57	67.95	ppb
Antimony	121-1	0.28	0.26	0.28	0.27	3.05	ppb
Arsenic	75-2	4.67	4.58	4.96	4.73	4.19	ppb
Barium	135-1	146.42	144.89	145.22	145.51	0.55	ppb
Barium	137-1	145.64	145.68	145.91	145.74	0.10	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	11-1	89.13	86.11	86.94	87.39	1.79	ppb
Boron	10-1	88.11	90.54	88.28	88.98	1.52	ppb
Cadmium	106-1	-1.60	-1.29	-1.89	-1.59		ppb
Cadmium	108-1	0.01	0.08	0.06	0.05	73.21	ppb
Cadmium	111-1	-0.11	-0.09	-0.13	-0.11		ppb
Calcium	43-1	72815.16	72646.62	71991.49	72484.42	0.60	ppb
Calcium	44-1	71200.28	70670.19	70315.11	70728.53	0.63	ppb
Chromium	52-2	0.79	0.76	0.94	0.83	11.69	ppb
Cobalt	59-2	0.14	0.12	0.13	0.13	6.83	ppb
Copper	63-2	1.03	1.09	1.13	1.08	4.39	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				119		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	9.82	9.37	9.31	9.50	2.93	ppb
Iron	57-2	9.46	12.94	11.18	11.19	15.54	ppb
Lead	206-1	0.05	0.05	0.06	0.05	16.77	ppb
Lead	207-1	0.04	0.05	0.03	0.04	26.70	ppb
Lead	208-1	0.04	0.04	0.05	0.04	10.61	ppb
Lithium	6-1				115		%
Magnesium	24-2	40658.73	40838.19	41097.00	40864.64	0.54	ppb
Manganese	55-2	11.11	11.76	11.46	11.45	2.84	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.13	5.11	5.17	5.14	0.54	ppb
Molybdenum	94-1	1.67	1.82	1.71	1.73	4.44	ppb
Molybdenum	95-1	5.09	4.96	4.91	4.99	1.83	ppb
Molybdenum	96-1	4.43	4.22	4.22	4.29	2.76	ppb
Molybdenum	97-1	5.15	5.31	5.22	5.23	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.66	1.71	1.64	1.67	2.05	ppb
Phosphorus	31-2	-12.88	0.14	39.90	9.05	303.65	ppb
Potassium	39-2	1627.80	1611.41	1653.45	1630.89	1.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	3.21	0.00	0.00	1.07	173.21	ppb
Selenium	78-2	2.04	-0.52	1.49	1.00	134.37	ppb
Selenium	82-1	1.80	0.53	1.82	1.38	53.70	ppb
Silicon	28-1	9463.42	9348.45	9297.14	9369.67	0.91	ppb
Silver	109-1	0.17	0.17	0.16	0.17	1.73	ppb
Silver	107-1	0.15	0.15	0.14	0.15	2.38	ppb
Sodium	23-2	18676.56	18724.64	18770.40	18723.87	0.25	ppb
Strontium	86-1	2908.44	2908.40	2894.63	2903.82	0.27	ppb
Strontium	88-1	2942.73	2961.98	2939.43	2948.05	0.41	ppb
Sulfur	34-1	13030.88	13109.41	13019.96	13053.42	0.37	ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.01	0.01	42.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.82	ppb
Tin	118-1	0.01	0.01	0.02	0.01	61.83	ppb
Titanium	47-1	0.39	0.33	0.45	0.39	15.21	ppb
Uranium	238-1	4.52	4.53	4.60	4.55	0.95	ppb
Vanadium	51-2	1.16	1.25	1.30	1.23	5.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	2.57	2.52	2.70	2.60	3.48	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	7.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.04	0.06	0.06	23.33	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-2.00	-1.99	-1.30		ppb
Antimony	121-1	0.20	0.20	0.24	0.22	10.03	ppb
Arsenic	75-2	5.29	5.48	5.67	5.48	3.47	ppb
Barium	135-1	159.78	158.16	157.96	158.63	0.63	ppb
Barium	137-1	159.47	159.71	159.32	159.50	0.12	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				122		%
Bismuth	209-2				110		%
Boron	11-1	71.60	69.47	68.84	69.97	2.06	ppb
Boron	10-1	71.52	72.03	70.35	71.30	1.21	ppb
Cadmium	106-1	-0.66	-0.48	-1.15	-0.76		ppb
Cadmium	108-1	0.53	0.52	0.47	0.50	7.04	ppb
Cadmium	111-1	-0.06	-0.05	-0.10	-0.07		ppb
Calcium	43-1	67315.83	67212.50	68063.36	67530.56	0.69	ppb
Calcium	44-1	65237.60	66423.79	66306.57	65989.32	0.99	ppb
Chromium	52-2	4.14	4.03	4.03	4.07	1.60	ppb
Cobalt	59-2	0.04	0.02	0.03	0.03	28.36	ppb
Copper	63-2	0.83	0.89	0.90	0.88	4.31	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				120		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	1.66	2.11	2.08	1.95	13.05	ppb
Iron	57-2	1.92	3.00	3.06	2.66	24.20	ppb
Lead	206-1	0.05	0.04	0.04	0.04	16.09	ppb
Lead	207-1	0.02	0.05	0.06	0.04	53.85	ppb
Lead	208-1	0.03	0.04	0.04	0.04	12.24	ppb
Lithium	6-1				117		%
Magnesium	24-2	40228.70	39450.36	39613.69	39764.25	1.03	ppb
Manganese	55-2	0.24	0.32	0.16	0.24	34.40	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.91	5.09	4.99	5.00	1.85	ppb
Molybdenum	94-1	1.66	1.63	1.60	1.63	1.79	ppb
Molybdenum	95-1	5.09	5.21	4.96	5.09	2.48	ppb
Molybdenum	96-1	4.18	4.31	4.14	4.21	2.05	ppb
Molybdenum	97-1	5.31	5.06	5.11	5.16	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.61	0.65	0.63	3.45	ppb
Phosphorus	31-2	13.16	-12.86	0.23	0.18	7277.79	ppb
Potassium	39-2	721.71	764.49	782.69	756.30	4.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	0.49	3.53	1.17	179.79	ppb
Selenium	82-1	1.35	1.32	1.00	1.22	15.85	ppb
Silicon	28-1	8841.61	8957.02	8918.80	8905.81	0.66	ppb
Silver	109-1	0.10	0.13	0.14	0.12	14.16	ppb
Silver	107-1	0.12	0.13	0.13	0.13	4.69	ppb
Sodium	23-2	16785.75	16343.52	16385.82	16505.03	1.48	ppb
Strontium	86-1	4030.96	4041.05	3983.83	4018.61	0.76	ppb
Strontium	88-1	4071.07	4081.68	4045.54	4066.10	0.46	ppb
Sulfur	34-1	14576.25	14918.75	14805.15	14766.71	1.18	ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.02	0.00	0.01	153.93	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	39.13	ppb
Tin	118-1	0.02	0.00	0.02	0.01	105.02	ppb
Titanium	47-1	0.30	0.34	0.19	0.28	28.16	ppb
Uranium	238-1	4.51	4.39	4.38	4.43	1.64	ppb
Vanadium	51-2	1.31	1.14	1.31	1.25	8.14	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	3.49	3.39	3.32	3.40	2.39	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.81	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	40.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.07	1.16	0.43	149.18	ppb
Antimony	121-1	0.21	0.20	0.21	0.21	3.56	ppb
Arsenic	75-2	4.32	4.54	4.73	4.53	4.44	ppb
Barium	135-1	206.58	204.90	204.51	205.33	0.54	ppb
Barium	137-1	207.33	204.05	205.60	205.66	0.80	ppb
Beryllium	9-1	0.00	0.02	0.03	0.02	117.64	ppb
Bismuth	209-1				124		%
Bismuth	209-2				112		%
Boron	11-1	93.48	93.97	93.99	93.81	0.30	ppb
Boron	10-1	93.60	94.24	95.44	94.43	0.99	ppb
Cadmium	106-1	-0.50	-0.88	-0.46	-0.61		ppb
Cadmium	108-1	0.65	0.46	0.73	0.61	22.69	ppb
Cadmium	111-1	-0.06	-0.08	-0.07	-0.07		ppb
Calcium	43-1	74044.97	74999.64	74766.15	74603.59	0.67	ppb
Calcium	44-1	72657.22	73543.77	73251.51	73150.84	0.62	ppb
Chromium	52-2	1.16	1.18	1.20	1.18	1.76	ppb
Cobalt	59-2	0.14	0.15	0.13	0.14	9.68	ppb
Copper	63-2	1.35	1.29	1.30	1.31	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	3.41	3.50	3.24	3.38	3.93	ppb
Iron	57-2	4.08	4.42	5.69	4.73	17.88	ppb
Lead	206-1	0.07	0.04	0.05	0.05	23.80	ppb
Lead	207-1	0.02	0.06	0.05	0.04	47.30	ppb
Lead	208-1	0.04	0.04	0.05	0.05	8.57	ppb
Lithium	6-1				119		%
Magnesium	24-2	40461.42	39299.74	40370.19	40043.78	1.61	ppb
Manganese	55-2	17.70	17.57	16.68	17.32	3.20	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.88	3.96	3.84	3.89	1.52	ppb
Molybdenum	94-1	1.31	1.30	1.30	1.30	0.49	ppb
Molybdenum	95-1	3.99	3.81	3.85	3.88	2.35	ppb
Molybdenum	96-1	3.39	3.24	3.23	3.29	2.75	ppb
Molybdenum	97-1	4.01	3.90	3.67	3.86	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.80	4.50	4.58	4.30	ppb
Phosphorus	31-2	-12.93	0.06	-12.65	-8.51		ppb
Potassium	39-2	944.79	921.05	909.93	925.26	1.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	6.32	0.00	3.18	3.17	99.75	ppb
Selenium	78-2	-0.51	0.99	-0.01	0.16	487.36	ppb
Selenium	82-1	1.03	1.32	0.73	1.03	28.49	ppb
Silicon	28-1	8830.99	8855.90	8920.11	8869.00	0.52	ppb
Silver	109-1	0.09	0.11	0.14	0.11	21.59	ppb
Silver	107-1	0.12	0.12	0.11	0.12	7.58	ppb
Sodium	23-2	20516.38	20468.29	20683.94	20556.20	0.55	ppb
Strontium	86-1	3618.16	3646.57	3602.53	3622.42	0.62	ppb
Strontium	88-1	3632.56	3677.85	3657.48	3655.96	0.62	ppb
Sulfur	34-1	9881.10	10067.55	10211.93	10053.53	1.65	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.00	0.00	0.01	121.86	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	47.34	ppb
Tin	118-1	0.01	0.02	0.00	0.01	97.68	ppb
Titanium	47-1	0.25	0.22	0.21	0.23	10.13	ppb
Uranium	238-1	5.74	5.82	5.81	5.79	0.76	ppb
Vanadium	51-2	1.17	1.14	1.03	1.11	6.87	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	2.82	2.60	2.50	2.64	6.15	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.89	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	48.86	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	0.14	1.21	1.92	115.71	ppb
Antimony	121-1	0.17	0.18	0.19	0.18	4.92	ppb
Arsenic	75-2	4.23	4.35	3.72	4.10	8.15	ppb
Barium	135-1	258.87	259.01	259.08	258.98	0.04	ppb
Barium	137-1	259.86	257.35	259.96	259.06	0.57	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	148.61	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	11-1	163.36	165.94	171.15	166.82	2.38	ppb
Boron	10-1	166.34	161.10	172.68	166.71	3.48	ppb
Cadmium	106-1	-1.13	-1.20	-1.23	-1.18		ppb
Cadmium	108-1	0.06	0.08	0.03	0.06	40.88	ppb
Cadmium	111-1	-0.08	-0.09	-0.09	-0.09		ppb
Calcium	43-1	57731.55	58264.39	59481.75	58492.56	1.53	ppb
Calcium	44-1	56913.39	56958.65	57999.02	57290.35	1.07	ppb
Chromium	52-2	1.38	1.40	1.25	1.35	6.18	ppb
Cobalt	59-2	0.06	0.08	0.07	0.07	13.39	ppb
Copper	63-2	0.43	0.39	0.44	0.42	6.39	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				119		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	215.68	209.02	212.38	212.36	1.57	ppb
Iron	57-2	215.39	217.73	222.61	218.57	1.69	ppb
Lead	206-1	0.04	0.03	0.03	0.03	28.93	ppb
Lead	207-1	0.01	0.05	0.04	0.03	65.50	ppb
Lead	208-1	0.02	0.03	0.03	0.03	20.58	ppb
Lithium	6-1				116		%
Magnesium	24-2	25968.59	25877.33	26209.18	26018.36	0.66	ppb
Manganese	55-2	59.92	58.37	58.98	59.09	1.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.16	2.22	2.23	2.20	1.66	ppb
Molybdenum	94-1	0.85	0.92	0.93	0.90	4.74	ppb
Molybdenum	95-1	2.10	2.17	2.16	2.14	1.84	ppb
Molybdenum	96-1	1.87	1.91	1.91	1.90	1.35	ppb
Molybdenum	97-1	2.22	2.19	2.30	2.24	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.31	4.66	4.78	4.58	5.27	ppb
Phosphorus	31-2	93.44	106.02	146.18	115.21	23.91	ppb
Potassium	39-2	1105.98	1060.69	1105.60	1090.76	2.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.01	-0.01	0.00	927.04	ppb
Selenium	82-1	0.76	0.23	0.04	0.35	108.50	ppb
Silicon	28-1	12310.40	12287.75	12481.48	12359.88	0.86	ppb
Silver	109-1	0.10	0.10	0.11	0.10	5.44	ppb
Silver	107-1	0.08	0.09	0.11	0.09	17.12	ppb
Sodium	23-2	54317.64	53325.42	53966.22	53869.76	0.93	ppb
Strontium	86-1	2553.65	2544.00	2620.36	2572.67	1.62	ppb
Strontium	88-1	2572.83	2581.47	2655.49	2603.26	1.75	ppb
Sulfur	34-1	16350.19	16501.13	16883.27	16578.20	1.66	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.00	0.00	0.00	36.25	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	-0.01	0.00	0.00	452.37	ppb
Titanium	47-1	0.71	0.69	0.75	0.72	4.23	ppb
Uranium	238-1	1.34	1.34	1.36	1.35	0.95	ppb
Vanadium	51-2	0.58	0.50	0.56	0.55	7.44	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	1.43	1.29	1.54	1.42	9.11	ppb
Zirconium	90-1	0.34	0.31	0.30	0.32	5.03	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.24	0.33	0.29	15.36	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.92	-0.92	7.51	1.89	257.55	ppb
Antimony	121-1	0.22	0.27	0.21	0.24	12.24	ppb
Arsenic	75-2	4.96	4.66	4.92	4.85	3.33	ppb
Barium	135-1	228.84	223.56	235.32	229.24	2.57	ppb
Barium	137-1	229.96	224.38	237.47	230.60	2.85	ppb
Beryllium	9-1	0.00	0.03	0.01	0.02	98.39	ppb
Bismuth	209-1				123		%
Bismuth	209-2				112		%
Boron	11-1	101.02	101.74	104.23	102.33	1.65	ppb
Boron	10-1	101.20	105.77	106.39	104.45	2.71	ppb
Cadmium	106-1	-1.18	-1.41	-1.75	-1.45		ppb
Cadmium	108-1	0.13	0.10	0.06	0.10	35.54	ppb
Cadmium	111-1	-0.07	-0.09	-0.11	-0.09		ppb
Calcium	43-1	59954.75	60179.01	60497.12	60210.29	0.45	ppb
Calcium	44-1	58975.36	58800.21	59914.20	59229.92	1.01	ppb
Chromium	52-2	0.32	0.28	0.31	0.30	5.65	ppb
Cobalt	59-2	0.08	0.07	0.05	0.07	18.76	ppb
Copper	63-2	3.86	3.96	4.00	3.94	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	7.41	7.65	7.51	7.52	1.59	ppb
Iron	57-2	9.77	12.09	10.05	10.64	11.89	ppb
Lead	206-1	0.03	0.03	0.04	0.03	17.62	ppb
Lead	207-1	0.03	0.01	0.04	0.03	52.44	ppb
Lead	208-1	0.03	0.03	0.05	0.04	23.84	ppb
Lithium	6-1				116		%
Magnesium	24-2	27990.97	27804.15	27412.23	27735.78	1.06	ppb
Manganese	55-2	60.69	57.99	59.52	59.40	2.28	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.92	3.89	4.12	3.98	3.03	ppb
Molybdenum	94-1	1.36	1.28	1.24	1.29	4.72	ppb
Molybdenum	95-1	3.89	4.08	3.94	3.97	2.48	ppb
Molybdenum	96-1	3.28	3.23	3.40	3.30	2.60	ppb
Molybdenum	97-1	3.99	3.83	4.23	4.02	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.93	1.78	1.93	7.51	ppb
Phosphorus	31-2	-12.58	13.76	0.57	0.58	2252.15	ppb
Potassium	39-2	903.75	924.41	949.08	925.74	2.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	3.20	1.07	173.21	ppb
Selenium	78-2	0.51	1.03	-1.01	0.17	607.03	ppb
Selenium	82-1	0.25	0.72	0.31	0.43	59.22	ppb
Silicon	28-1	9402.23	9390.81	9471.60	9421.55	0.46	ppb
Silver	109-1	0.09	0.10	0.11	0.10	13.70	ppb
Silver	107-1	0.10	0.09	0.10	0.10	9.20	ppb
Sodium	23-2	16297.27	16299.22	16311.23	16302.57	0.05	ppb
Strontium	86-1	2049.19	2050.46	2094.43	2064.69	1.25	ppb
Strontium	88-1	2078.06	2070.14	2131.82	2093.34	1.60	ppb
Sulfur	34-1	11298.75	10988.23	11285.64	11190.87	1.57	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.01	0.00	0.00	162.81	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	52.33	ppb
Tin	118-1	0.01	0.01	0.02	0.01	44.86	ppb
Titanium	47-1	0.27	0.22	0.27	0.25	12.45	ppb
Uranium	238-1	4.55	4.38	4.64	4.52	2.91	ppb
Vanadium	51-2	1.40	1.47	1.38	1.42	3.42	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	2.39	2.34	3.04	2.59	15.08	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.42	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.04	0.03	34.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.10	4.45	0.09	1.88	121.48	ppb
Antimony	121-1	0.24	0.18	0.23	0.22	15.54	ppb
Arsenic	75-2	6.75	7.25	7.16	7.06	3.82	ppb
Barium	135-1	302.61	292.98	291.26	295.62	2.07	ppb
Barium	137-1	301.88	295.50	294.02	297.13	1.41	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	104.03	ppb
Bismuth	209-1				123		%
Bismuth	209-2				114		%
Boron	11-1	96.88	91.58	93.97	94.14	2.82	ppb
Boron	10-1	99.36	96.33	90.11	95.27	4.95	ppb
Cadmium	106-1	-0.84	-0.60	-0.39	-0.61		ppb
Cadmium	108-1	0.74	0.98	0.96	0.90	15.23	ppb
Cadmium	111-1	-0.08	-0.08	-0.06	-0.08		ppb
Calcium	43-1	89830.10	87078.07	87472.11	88126.76	1.69	ppb
Calcium	44-1	87834.69	84694.11	85318.62	85949.14	1.93	ppb
Chromium	52-2	8.12	8.68	8.35	8.38	3.39	ppb
Cobalt	59-2	0.63	0.66	0.67	0.65	3.74	ppb
Copper	63-2	3.58	3.93	3.77	3.76	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	5.69	5.75	5.30	5.58	4.39	ppb
Iron	57-2	10.34	7.92	9.86	9.37	13.68	ppb
Lead	206-1	0.07	0.05	0.05	0.06	14.14	ppb
Lead	207-1	0.06	0.02	0.04	0.04	46.05	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.23	ppb
Lithium	6-1				116		%
Magnesium	24-2	44018.08	45026.42	43660.35	44234.95	1.60	ppb
Manganese	55-2	1155.75	1191.84	1148.49	1165.36	1.99	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.31	6.14	5.96	6.14	2.92	ppb
Molybdenum	94-1	2.13	2.03	1.94	2.03	4.54	ppb
Molybdenum	95-1	6.20	6.19	5.93	6.11	2.51	ppb
Molybdenum	96-1	5.29	5.03	5.10	5.14	2.57	ppb
Molybdenum	97-1	6.45	6.17	6.27	6.30	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.16	7.54	7.15	7.28	3.09	ppb
Phosphorus	31-2	38.71	-12.40	26.11	17.47	152.40	ppb
Potassium	39-2	1761.07	1774.25	1807.38	1780.90	1.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	6.29	2.10	173.21	ppb
Selenium	78-2	2.47	-0.02	-0.02	0.81	177.21	ppb
Selenium	82-1	-0.01	0.34	0.96	0.43	113.28	ppb
Silicon	28-1	9689.70	9385.88	9378.51	9484.70	1.87	ppb
Silver	109-1	0.09	0.09	0.10	0.09	5.64	ppb
Silver	107-1	0.10	0.10	0.11	0.10	8.37	ppb
Sodium	23-2	32939.65	33919.82	33281.08	33380.18	1.49	ppb
Strontium	86-1	1417.15	1361.51	1372.44	1383.70	2.13	ppb
Strontium	88-1	1431.45	1383.42	1374.71	1396.53	2.19	ppb
Sulfur	34-1	2273.04	1775.58	2056.72	2035.11	12.26	ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	0.02	0.02	0.01	0.02	47.97	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	13.69	ppb
Tin	118-1	0.07	0.08	0.06	0.07	14.15	ppb
Titanium	47-1	0.25	0.30	0.30	0.28	10.26	ppb
Uranium	238-1	2.44	2.37	2.39	2.40	1.47	ppb
Vanadium	51-2	0.99	1.06	1.09	1.05	4.80	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	4.00	4.54	4.72	4.42	8.43	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	0.46	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.04	17.72	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	7.49	2.23	3.62	93.49	ppb
Antimony	121-1	0.23	0.24	0.23	0.23	2.77	ppb
Arsenic	75-2	6.19	5.91	5.69	5.93	4.24	ppb
Barium	135-1	155.77	148.23	148.30	150.77	2.87	ppb
Barium	137-1	155.94	148.01	148.43	150.80	2.96	ppb
Beryllium	9-1	0.05	-0.01	0.02	0.02	143.33	ppb
Bismuth	209-1				123		%
Bismuth	209-2				113		%
Boron	11-1	79.56	78.85	76.31	78.24	2.18	ppb
Boron	10-1	81.42	84.16	78.37	81.32	3.56	ppb
Cadmium	106-1	-0.34	-2.52	-1.33	-1.40		ppb
Cadmium	108-1	0.06	-0.01	0.13	0.06	124.24	ppb
Cadmium	111-1	-0.03	-0.18	-0.10	-0.10		ppb
Calcium	43-1	67167.08	66190.15	65677.19	66344.81	1.14	ppb
Calcium	44-1	65247.56	64036.57	63395.21	64226.45	1.46	ppb
Chromium	52-2	0.41	0.31	0.37	0.36	12.73	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	28.22	ppb
Copper	63-2	0.74	0.72	0.69	0.72	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	4.38	4.30	3.70	4.12	9.03	ppb
Iron	57-2	5.96	4.57	3.70	4.74	24.00	ppb
Lead	206-1	0.06	0.05	0.04	0.05	21.83	ppb
Lead	207-1	0.05	0.04	0.05	0.05	18.31	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.49	ppb
Lithium	6-1				117		%
Magnesium	24-2	38392.55	38320.54	38092.60	38268.56	0.41	ppb
Manganese	55-2	0.10	0.10	0.22	0.14	49.34	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.99	4.75	4.81	4.85	2.52	ppb
Molybdenum	94-1	1.71	1.65	1.54	1.63	5.24	ppb
Molybdenum	95-1	4.74	4.64	4.61	4.66	1.40	ppb
Molybdenum	96-1	4.20	3.92	4.00	4.04	3.53	ppb
Molybdenum	97-1	4.83	4.89	4.88	4.87	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.75	0.63	0.67	10.32	ppb
Phosphorus	31-2	-12.67	26.74	-12.62	0.48	4713.51	ppb
Potassium	39-2	762.05	719.39	716.51	732.65	3.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	3.15	0.00	3.18	2.11	86.61	ppb
Selenium	78-2	1.98	0.00	1.01	0.99	99.67	ppb
Selenium	82-1	0.32	1.08	0.89	0.77	51.70	ppb
Silicon	28-1	9143.61	9027.31	8827.37	8999.43	1.78	ppb
Silver	109-1	0.08	0.11	0.10	0.10	14.26	ppb
Silver	107-1	0.09	0.10	0.11	0.10	12.77	ppb
Sodium	23-2	17113.83	16901.30	17033.99	17016.37	0.63	ppb
Strontium	86-1	4464.58	4301.19	4280.87	4348.88	2.32	ppb
Strontium	88-1	4510.86	4385.68	4313.35	4403.30	2.27	ppb
Sulfur	34-1	12954.93	12791.08	12414.54	12720.18	2.18	ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	0.00	0.00	0.00	0.00	123.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.95	ppb
Tin	118-1	0.03	0.03	0.01	0.02	57.54	ppb
Titanium	47-1	0.31	0.34	0.28	0.31	9.73	ppb
Uranium	238-1	3.78	3.55	3.58	3.64	3.42	ppb
Vanadium	51-2	1.24	1.24	1.18	1.22	2.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	6.25	6.10	5.63	5.99	5.43	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	16.92	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.03	0.03	31.35	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.94	2.25	2.23	1.18	155.50	ppb
Antimony	121-1	0.25	0.24	0.24	0.24	1.50	ppb
Arsenic	75-2	4.00	3.63	3.59	3.74	6.04	ppb
Barium	135-1	209.65	207.47	200.13	205.75	2.42	ppb
Barium	137-1	209.76	208.32	200.52	206.20	2.41	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				123		%
Bismuth	209-2				113		%
Boron	11-1	161.80	160.94	160.75	161.17	0.35	ppb
Boron	10-1	169.96	162.48	160.40	164.28	3.06	ppb
Cadmium	106-1	-1.85	-1.14	-1.04	-1.35		ppb
Cadmium	108-1	0.08	0.13	0.10	0.10	22.36	ppb
Cadmium	111-1	-0.11	-0.07	-0.06	-0.08		ppb
Calcium	43-1	68431.29	67895.23	67354.45	67893.66	0.79	ppb
Calcium	44-1	66873.14	65549.28	64701.70	65708.04	1.67	ppb
Chromium	52-2	0.29	0.28	0.30	0.29	4.23	ppb
Cobalt	59-2	0.15	0.17	0.19	0.17	11.66	ppb
Copper	63-2	1.26	1.33	1.29	1.29	2.79	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				121		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	8.75	8.22	8.84	8.60	3.90	ppb
Iron	57-2	12.79	5.76	10.32	9.62	37.08	ppb
Lead	206-1	0.19	0.18	0.15	0.17	11.37	ppb
Lead	207-1	0.16	0.15	0.17	0.16	5.59	ppb
Lead	208-1	0.17	0.16	0.15	0.16	5.78	ppb
Lithium	6-1				116		%
Magnesium	24-2	37171.42	37987.95	37374.13	37511.17	1.13	ppb
Manganese	55-2	16.04	16.36	16.88	16.43	2.60	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.16	6.20	6.02	6.13	1.52	ppb
Molybdenum	94-1	2.11	1.97	1.99	2.02	3.83	ppb
Molybdenum	95-1	6.18	6.17	5.92	6.09	2.40	ppb
Molybdenum	96-1	5.26	5.12	5.15	5.18	1.40	ppb
Molybdenum	97-1	6.21	6.03	6.29	6.18	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	3.94	3.96	3.93	0.85	ppb
Phosphorus	31-2	-12.69	40.13	-25.72	0.57	6092.50	ppb
Potassium	39-2	1849.83	1839.35	1813.90	1834.36	1.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	0.00	3.21	0.00	1.07	173.21	ppb
Selenium	78-2	1.00	-0.51	-0.51	-0.01		ppb
Selenium	82-1	0.34	0.60	0.67	0.53	32.39	ppb
Silicon	28-1	8596.36	8385.54	8353.29	8445.06	1.56	ppb
Silver	109-1	0.09	0.10	0.08	0.09	12.26	ppb
Silver	107-1	0.09	0.08	0.10	0.09	12.44	ppb
Sodium	23-2	20857.67	21153.91	21054.14	21021.91	0.72	ppb
Strontium	86-1	6038.43	5937.47	5919.06	5964.98	1.08	ppb
Strontium	88-1	6164.46	6010.79	5949.08	6041.44	1.84	ppb
Sulfur	34-1	10876.06	10441.57	10150.70	10489.45	3.48	ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.01	0.01	0.01	37.47	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	16.51	ppb
Tin	118-1	0.06	0.02	0.02	0.03	78.92	ppb
Titanium	47-1	0.26	0.24	0.31	0.27	13.78	ppb
Uranium	238-1	4.99	4.75	4.73	4.83	3.02	ppb
Vanadium	51-2	1.39	1.32	1.30	1.34	3.81	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	3.34	3.33	3.08	3.25	4.51	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	22.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	14.42	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	2.20	2.22	1.51	81.06	ppb
Antimony	121-1	0.44	0.44	0.44	0.44	0.89	ppb
Arsenic	75-2	4.61	4.42	4.12	4.38	5.60	ppb
Barium	135-1	1290.50	1296.87	1267.46	1284.94	1.20	ppb
Barium	137-1	1274.45	1257.25	1261.07	1264.26	0.71	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	51.64	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	11-1	253.66	258.97	260.24	257.62	1.36	ppb
Boron	10-1	252.63	266.86	261.40	260.30	2.76	ppb
Cadmium	106-1	-1.12	-0.89	-0.74	-0.91		ppb
Cadmium	108-1	0.38	0.33	0.30	0.34	10.91	ppb
Cadmium	111-1	0.16	0.13	0.18	0.16	16.74	ppb
Calcium	43-1	121768.96	121461.32	121759.08	121663.12	0.14	ppb
Calcium	44-1	120443.01	120841.91	119846.88	120377.27	0.42	ppb
Chromium	52-2	1.43	1.63	1.52	1.53	6.64	ppb
Cobalt	59-2	1.31	1.25	1.27	1.28	2.29	ppb
Copper	63-2	69.42	68.46	69.95	69.28	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	56-2	6.57	7.04	6.54	6.72	4.17	ppb
Iron	57-2	12.46	13.66	12.30	12.81	5.81	ppb
Lead	206-1	0.09	0.08	0.09	0.09	8.03	ppb
Lead	207-1	0.08	0.08	0.07	0.08	7.89	ppb
Lead	208-1	0.09	0.09	0.08	0.08	6.50	ppb
Lithium	6-1				119		%
Magnesium	24-2	42467.48	41815.26	43158.38	42480.37	1.58	ppb
Manganese	55-2	11808.35	11842.69	11866.79	11839.28	0.25	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.11	1.91	2.04	2.02	4.96	ppb
Molybdenum	94-1	0.84	0.82	0.80	0.82	2.32	ppb
Molybdenum	95-1	2.12	2.12	2.13	2.13	0.35	ppb
Molybdenum	96-1	1.82	1.72	1.73	1.76	3.08	ppb
Molybdenum	97-1	2.07	2.12	2.05	2.08	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.01	14.01	14.22	14.08	0.88	ppb
Phosphorus	31-2	0.28	-25.72	0.48	-8.32		ppb
Potassium	39-2	4391.85	4327.88	4334.43	4351.39	0.81	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	0.00	3.20	9.63	4.28	114.66	ppb
Selenium	78-2	-0.02	-0.51	0.00	-0.17		ppb
Selenium	82-1	1.44	0.58	1.89	1.30	51.02	ppb
Silicon	28-1	10214.37	10285.79	10305.92	10268.70	0.47	ppb
Silver	109-1	0.09	0.08	0.07	0.08	13.38	ppb
Silver	107-1	0.09	0.09	0.08	0.08	9.63	ppb
Sodium	23-2	32120.54	31906.19	32099.91	32042.21	0.37	ppb
Strontium	86-1	1008.33	1013.76	1012.49	1011.53	0.28	ppb
Strontium	88-1	1015.92	1019.46	1017.51	1017.63	0.17	ppb
Sulfur	34-1	-2126.58	-2149.66	-2094.09	-2123.45		ppb
Terbium	159-1				124		%
Terbium	159-2				113		%
Thallium	203-1	0.29	0.34	0.28	0.30	10.64	ppb
Thallium	205-1	0.30	0.31	0.32	0.31	2.20	ppb
Tin	118-1	0.15	0.15	0.13	0.14	6.86	ppb
Titanium	47-1	0.37	0.29	0.37	0.35	13.45	ppb
Uranium	238-1	1.04	1.06	1.03	1.04	1.82	ppb
Vanadium	51-2	6.60	6.81	6.67	6.69	1.63	ppb
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	3.63	4.07	3.81	3.84	5.84	ppb
Zirconium	90-1	0.26	0.22	0.23	0.23	7.92	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.24	0.25	0.23	11.86	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.85	21.78	22.28	24.64	18.34	ppb
Antimony	121-1	0.23	0.23	0.23	0.23	1.17	ppb
Arsenic	75-2	0.05	0.06	0.10	0.07	43.93	ppb
Barium	135-1	0.77	0.74	0.80	0.77	4.37	ppb
Barium	137-1	0.79	0.75	0.77	0.77	2.36	ppb
Beryllium	9-1	-0.01	0.01	-0.01	-0.01		ppb
Bismuth	209-1				129		%
Bismuth	209-2				115		%
Boron	11-1	11.18	10.42	9.89	10.49	6.16	ppb
Boron	10-1	11.14	10.18	10.58	10.63	4.53	ppb
Cadmium	106-1	-1.54	-1.79	-2.01	-1.78		ppb
Cadmium	108-1	0.06	0.01	-0.01	0.02	213.64	ppb
Cadmium	111-1	-0.11	-0.12	-0.14	-0.13		ppb
Calcium	43-1	297.00	275.58	267.63	280.07	5.42	ppb
Calcium	44-1	271.32	273.81	271.41	272.18	0.52	ppb
Chromium	52-2	0.22	0.31	0.21	0.25	22.13	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.89	0.84	0.91	0.88	4.42	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				123		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	56-2	9.87	9.70	10.52	10.03	4.30	ppb
Iron	57-2	9.56	12.32	14.27	12.05	19.67	ppb
Lead	206-1	0.05	0.08	0.06	0.06	21.23	ppb
Lead	207-1	0.06	0.06	0.06	0.06	3.87	ppb
Lead	208-1	0.06	0.06	0.07	0.06	5.98	ppb
Lithium	6-1				118		%
Magnesium	24-2	21.89	24.20	22.78	22.96	5.08	ppb
Manganese	55-2	0.44	0.55	0.49	0.49	11.35	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.03	0.02	0.02	31.05	ppb
Molybdenum	94-1	0.05	0.09	0.05	0.06	35.84	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	43.33	ppb
Molybdenum	96-1	0.04	0.05	0.02	0.04	33.31	ppb
Molybdenum	97-1	0.11	0.14	0.11	0.12	14.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.12	0.09	0.10	17.55	ppb
Phosphorus	31-2	-25.72	0.06	-25.72	-17.13		ppb
Potassium	39-2	37.65	30.03	43.54	37.07	18.26	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	3.38	1.13	173.21	ppb
Selenium	78-2	1.01	0.50	-0.48	0.34	220.21	ppb
Selenium	82-1	-0.79	0.60	-0.74	-0.31		ppb
Silicon	28-1	747.29	749.52	745.46	747.42	0.27	ppb
Silver	109-1	0.08	0.09	0.10	0.09	10.17	ppb
Silver	107-1	0.09	0.08	0.07	0.08	9.06	ppb
Sodium	23-2	605.05	590.16	659.80	618.34	5.93	ppb
Strontium	86-1	1.32	1.35	1.32	1.33	1.13	ppb
Strontium	88-1	1.35	1.38	1.36	1.37	0.88	ppb
Sulfur	34-1	-2301.41	-2230.39	-2369.99	-2300.59		ppb
Terbium	159-1				120		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00	204.61	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.31	0.33	0.32	0.32	2.15	ppb
Titanium	47-1	0.19	0.09	0.10	0.12	43.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	224.32	ppb
Vanadium	51-2	0.05	0.06	0.05	0.06	11.04	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	11.71	11.59	12.39	11.90	3.63	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	14.93	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.05	0.06	21.45	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.18	4.56	2.20	2.98	45.95	ppb
Antimony	121-1	0.35	0.37	0.31	0.34	8.68	ppb
Arsenic	75-2	5.75	5.67	5.46	5.63	2.73	ppb
Barium	135-1	150.65	149.77	146.62	149.02	1.42	ppb
Barium	137-1	151.15	149.50	148.09	149.58	1.02	ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	160.60	ppb
Bismuth	209-1				127		%
Bismuth	209-2				114		%
Boron	11-1	108.03	110.87	109.89	109.60	1.32	ppb
Boron	10-1	116.72	115.33	115.06	115.70	0.77	ppb
Cadmium	106-1	-1.43	-2.00	-1.22	-1.55		ppb
Cadmium	108-1	0.15	0.15	0.26	0.19	35.98	ppb
Cadmium	111-1	-0.10	-0.13	-0.06	-0.10		ppb
Calcium	43-1	60517.28	60227.31	60275.28	60339.96	0.26	ppb
Calcium	44-1	58285.66	58253.34	57747.98	58095.66	0.52	ppb
Chromium	52-2	0.81	0.95	0.92	0.89	8.64	ppb
Cobalt	59-2	0.19	0.18	0.22	0.20	8.89	ppb
Copper	63-2	0.70	0.78	0.75	0.74	5.20	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				124		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	5.32	5.89	5.58	5.60	5.07	ppb
Iron	57-2	6.48	7.79	6.52	6.93	10.79	ppb
Lead	206-1	0.13	0.19	0.16	0.16	20.09	ppb
Lead	207-1	0.16	0.14	0.14	0.15	5.90	ppb
Lead	208-1	0.16	0.16	0.16	0.16	2.55	ppb
Lithium	6-1				119		%
Magnesium	24-2	32635.63	34343.56	33229.99	33403.06	2.60	ppb
Manganese	55-2	66.41	67.45	63.09	65.65	3.48	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.00	50.25	49.79	49.68	1.28	ppb
Molybdenum	94-1	16.30	16.10	15.98	16.13	0.98	ppb
Molybdenum	95-1	49.68	49.59	48.79	49.35	0.99	ppb
Molybdenum	96-1	42.23	42.08	41.45	41.92	0.99	ppb
Molybdenum	97-1	49.68	48.95	48.66	49.10	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.10	2.03	2.11	3.92	ppb
Phosphorus	31-2	-12.74	-12.21	26.44	0.49	4545.12	ppb
Potassium	39-2	4165.01	4336.91	4141.29	4214.41	2.53	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	77-2	0.00	9.60	0.00	3.20	173.21	ppb
Selenium	78-2	-0.51	0.51	1.49	0.50	201.32	ppb
Selenium	82-1	1.36	0.75	1.38	1.16	30.67	ppb
Silicon	28-1	8043.68	7873.15	7867.46	7928.10	1.26	ppb
Silver	109-1	0.07	0.10	0.08	0.08	17.62	ppb
Silver	107-1	0.08	0.07	0.08	0.08	12.08	ppb
Sodium	23-2	21732.33	22989.02	22082.76	22268.04	2.91	ppb
Strontium	86-1	8166.26	8220.80	8038.81	8141.96	1.15	ppb
Strontium	88-1	8225.48	8245.68	8200.64	8223.94	0.27	ppb
Sulfur	34-1	14282.15	14225.05	14142.85	14216.68	0.49	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.05	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.54	ppb
Tin	118-1	0.07	0.07	0.09	0.08	16.37	ppb
Titanium	47-1	0.21	0.23	0.27	0.24	12.01	ppb
Uranium	238-1	4.22	4.16	4.21	4.20	0.73	ppb
Vanadium	51-2	1.60	1.59	1.83	1.67	8.14	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	6.24	7.38	7.70	7.10	10.84	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	19.13	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.04	0.04	16.11	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.06	-0.89	-0.95	0.07	2347.68	ppb
Antimony	121-1	0.26	0.30	0.30	0.29	8.57	ppb
Arsenic	75-2	6.23	5.58	5.95	5.92	5.49	ppb
Barium	135-1	148.70	149.53	148.91	149.04	0.29	ppb
Barium	137-1	148.53	150.27	147.83	148.88	0.85	ppb
Beryllium	9-1	-0.02	0.02	0.01	0.00	833.78	ppb
Bismuth	209-1				128		%
Bismuth	209-2				115		%
Boron	11-1	107.25	110.04	110.78	109.36	1.70	ppb
Boron	10-1	106.18	108.18	114.60	109.65	4.01	ppb
Cadmium	106-1	-1.47	-1.80	-1.82	-1.69		ppb
Cadmium	108-1	0.08	0.29	0.22	0.19	55.52	ppb
Cadmium	111-1	-0.09	-0.13	-0.11	-0.11		ppb
Calcium	43-1	61857.36	60139.57	60623.81	60873.58	1.46	ppb
Calcium	44-1	57771.45	58227.74	57678.85	57892.68	0.51	ppb
Chromium	52-2	0.39	0.49	0.45	0.44	11.15	ppb
Cobalt	59-2	0.18	0.17	0.18	0.18	3.56	ppb
Copper	63-2	0.51	0.59	0.51	0.54	8.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				103		%
Iron	56-2	2.98	3.32	3.17	3.16	5.40	ppb
Iron	57-2	1.51	5.02	6.47	4.33	58.84	ppb
Lead	206-1	0.06	0.06	0.07	0.06	6.89	ppb
Lead	207-1	0.06	0.07	0.06	0.06	11.75	ppb
Lead	208-1	0.06	0.07	0.06	0.06	5.58	ppb
Lithium	6-1				118		%
Magnesium	24-2	32181.36	33677.00	32594.18	32817.51	2.35	ppb
Manganese	55-2	63.40	65.30	64.98	64.56	1.58	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.77	49.11	49.84	49.57	0.82	ppb
Molybdenum	94-1	16.29	16.19	16.43	16.30	0.72	ppb
Molybdenum	95-1	49.64	48.86	49.84	49.44	1.05	ppb
Molybdenum	96-1	41.91	41.80	42.00	41.90	0.23	ppb
Molybdenum	97-1	49.86	49.22	49.98	49.68	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.77	0.73	0.76	3.10	ppb
Phosphorus	31-2	25.01	1.00	13.22	13.08	91.83	ppb
Potassium	39-2	4034.69	4218.60	4154.68	4135.99	2.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	77-2	3.15	0.00	9.53	4.23	114.93	ppb
Selenium	78-2	-0.02	-0.51	2.01	0.49	270.17	ppb
Selenium	82-1	1.65	1.19	0.90	1.24	30.36	ppb
Silicon	28-1	7968.76	7918.27	7885.90	7924.31	0.53	ppb
Silver	109-1	0.10	0.12	0.12	0.11	11.14	ppb
Silver	107-1	0.09	0.10	0.11	0.10	10.02	ppb
Sodium	23-2	21232.04	21988.37	22008.21	21742.87	2.04	ppb
Strontium	86-1	8140.80	8098.45	8076.32	8105.19	0.40	ppb
Strontium	88-1	8184.84	8253.32	8237.03	8225.06	0.43	ppb
Sulfur	34-1	14137.44	14240.31	14236.79	14204.85	0.41	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.01	0.01	0.01	70.95	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	33.99	ppb
Tin	118-1	0.09	0.06	0.07	0.07	23.29	ppb
Titanium	47-1	0.20	0.24	0.27	0.23	15.29	ppb
Uranium	238-1	4.16	4.32	4.23	4.24	1.97	ppb
Vanadium	51-2	1.66	1.72	1.52	1.63	6.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	1.50	1.65	1.58	1.58	4.60	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	17.27	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	27.59	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.03	1.34	-0.81	-0.84		ppb
Antimony	121-1	0.03	0.04	0.03	0.04	17.05	ppb
Arsenic	75-2	1.21	1.13	1.05	1.13	6.82	ppb
Barium	135-1	29.24	29.52	29.54	29.44	0.57	ppb
Barium	137-1	29.27	29.23	28.87	29.12	0.76	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	102.34	ppb
Bismuth	209-1				122		%
Bismuth	209-2				111		%
Boron	11-1	27.23	26.91	26.87	27.00	0.74	ppb
Boron	10-1	28.44	28.55	27.93	28.31	1.17	ppb
Cadmium	106-1	-1.18	-1.18	-2.29	-1.55		ppb
Cadmium	108-1	0.06	-0.01	0.04	0.03	137.39	ppb
Cadmium	111-1	-0.09	-0.08	-0.15	-0.10		ppb
Calcium	43-1	11492.10	11429.69	11516.64	11479.48	0.39	ppb
Calcium	44-1	11379.34	11480.57	11511.97	11457.29	0.60	ppb
Chromium	52-2	-0.08	-0.05	-0.05	-0.06		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	44.59	ppb
Copper	63-2	0.18	0.19	0.12	0.16	21.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	0.85	0.99	1.01	0.95	8.78	ppb
Iron	57-2	2.24	2.22	0.49	1.65	60.68	ppb
Lead	206-1	0.00	0.01	0.00	0.01	100.16	ppb
Lead	207-1	0.01	0.00	0.02	0.01	162.86	ppb
Lead	208-1	0.01	0.01	0.01	0.01	26.16	ppb
Lithium	6-1				109		%
Magnesium	24-2	6477.44	6535.65	6474.08	6495.72	0.53	ppb
Manganese	55-2	12.99	13.51	13.05	13.18	2.14	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.65	9.74	9.60	9.66	0.73	ppb
Molybdenum	94-1	3.30	3.13	3.15	3.19	2.93	ppb
Molybdenum	95-1	9.73	9.52	9.74	9.66	1.31	ppb
Molybdenum	96-1	8.44	8.27	8.05	8.25	2.36	ppb
Molybdenum	97-1	9.71	9.77	9.73	9.74	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.12	0.10	0.11	10.50	ppb
Phosphorus	31-2	28.92	-25.72	1.91	1.71	1602.42	ppb
Potassium	39-2	856.80	853.72	833.34	847.95	1.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	6.72	0.00	0.00	2.24	173.21	ppb
Selenium	78-2	0.05	0.53	-0.50	0.03	2012.02	ppb
Selenium	82-1	0.59	0.16	-0.38	0.12	402.78	ppb
Silicon	28-1	1536.36	1546.08	1536.43	1539.62	0.36	ppb
Silver	109-1	0.03	0.03	0.02	0.03	15.57	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.08	ppb
Sodium	23-2	4215.94	4276.42	4273.19	4255.18	0.80	ppb
Strontium	86-1	1601.88	1599.16	1609.04	1603.36	0.32	ppb
Strontium	88-1	1616.13	1623.80	1614.22	1618.05	0.31	ppb
Sulfur	34-1	1912.56	1877.60	1953.50	1914.55	1.98	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.00	0.00	127.79	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	183.20	ppb
Tin	118-1	-0.01	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.02	0.07	0.12	0.07	69.39	ppb
Uranium	238-1	0.84	0.81	0.80	0.82	2.42	ppb
Vanadium	51-2	0.32	0.30	0.30	0.31	2.91	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.30	0.26	0.34	0.30	12.88	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	45.44	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	11.74	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1904.64	1945.20	1910.94	1920.26	1.14	ppb
Antimony	121-1	104.50	103.79	100.97	103.08	1.81	ppb
Arsenic	75-2	46.86	47.49	47.76	47.37	0.98	ppb
Barium	135-1	2269.97	2225.37	2188.91	2228.08	1.82	ppb
Barium	137-1	2243.61	2216.72	2188.98	2216.44	1.23	ppb
Beryllium	9-1	47.82	48.62	47.39	47.94	1.31	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	11-1	103.69	103.81	104.13	103.87	0.22	ppb
Boron	10-1	110.90	108.10	107.27	108.76	1.75	ppb
Cadmium	106-1	45.15	43.50	43.60	44.09	2.10	ppb
Cadmium	108-1	49.10	48.44	49.26	48.93	0.89	ppb
Cadmium	111-1	51.24	50.50	48.87	50.21	2.42	ppb
Calcium	43-1	59191.09	60388.64	59460.79	59680.17	1.05	ppb
Calcium	44-1	57353.15	56362.27	57180.04	56965.15	0.93	ppb
Chromium	52-2	213.18	218.49	212.63	214.77	1.51	ppb
Cobalt	59-2	524.49	538.66	525.97	529.70	1.47	ppb
Copper	63-2	271.68	275.34	270.75	272.59	0.89	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				124		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	56-2	1057.48	1084.35	1069.84	1070.56	1.26	ppb
Iron	57-2	1059.25	1094.55	1040.50	1064.77	2.58	ppb
Lead	206-1	20.57	20.60	20.17	20.44	1.18	ppb
Lead	207-1	20.32	19.72	20.31	20.12	1.71	ppb
Lead	208-1	20.42	20.28	20.32	20.34	0.35	ppb
Lithium	6-1				119		%
Magnesium	24-2	32338.99	32717.16	32305.95	32454.03	0.70	ppb
Manganese	55-2	580.20	592.52	589.30	587.34	1.09	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.78	48.53	47.93	48.41	0.90	ppb
Molybdenum	94-1	15.77	15.77	15.87	15.80	0.38	ppb
Molybdenum	95-1	48.25	48.35	47.68	48.09	0.75	ppb
Molybdenum	96-1	40.72	40.67	40.60	40.66	0.14	ppb
Molybdenum	97-1	48.88	48.07	48.02	48.32	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.50	546.44	539.10	541.35	0.82	ppb
Phosphorus	31-2	40.08	1.17	0.64	13.96	161.94	ppb
Potassium	39-2	4095.24	4193.48	4098.55	4129.09	1.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				95		%
Selenium	77-2	99.66	79.28	99.47	92.80	12.62	ppb
Selenium	78-2	111.48	118.24	109.74	113.16	3.97	ppb
Selenium	82-1	105.42	105.72	106.18	105.77	0.36	ppb
Silicon	28-1	7767.66	7678.54	7749.41	7731.87	0.61	ppb
Silver	109-1	47.37	47.64	46.21	47.07	1.62	ppb
Silver	107-1	46.83	47.02	45.83	46.56	1.37	ppb
Sodium	23-2	21151.46	21823.54	21154.43	21376.47	1.81	ppb
Strontium	86-1	7940.36	7845.95	7916.28	7900.86	0.62	ppb
Strontium	88-1	8021.46	8015.77	8020.32	8019.18	0.04	ppb
Sulfur	34-1	14107.21	13803.94	13837.38	13916.18	1.19	ppb
Terbium	159-1				122		%
Terbium	159-2				111		%
Thallium	203-1	51.51	51.09	50.31	50.97	1.19	ppb
Thallium	205-1	52.30	51.91	51.17	51.79	1.11	ppb
Tin	118-1	0.09	0.10	0.09	0.09	4.64	ppb
Titanium	47-1	0.23	0.29	0.18	0.23	23.81	ppb
Uranium	238-1	4.17	4.14	4.12	4.14	0.53	ppb
Vanadium	51-2	525.74	541.36	527.79	531.63	1.60	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	533.50	543.04	528.66	535.07	1.37	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	22.57	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.03	18.60	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48848.57	49307.68	47787.98	48648.07	1.60	ppb
Antimony	121-1	486.80	488.97	497.39	491.05	1.14	ppb
Arsenic	75-2	525.09	521.81	521.56	522.82	0.38	ppb
Barium	135-1	2444.79	2481.31	2488.92	2471.68	0.95	ppb
Barium	137-1	2434.00	2424.87	2452.18	2437.01	0.57	ppb
Beryllium	9-1	480.79	485.81	484.03	483.54	0.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	11-1	477.90	493.72	499.04	490.22	2.24	ppb
Boron	10-1	481.63	495.42	501.16	492.74	2.04	ppb
Cadmium	106-1	474.88	481.93	478.88	478.57	0.74	ppb
Cadmium	108-1	463.89	472.01	476.84	470.91	1.39	ppb
Cadmium	111-1	467.25	471.64	471.49	470.13	0.53	ppb
Calcium	43-1	239882.86	239497.47	236256.22	238545.52	0.84	ppb
Calcium	44-1	237537.80	237503.48	237382.54	237474.61	0.03	ppb
Chromium	52-2	496.73	499.53	491.14	495.80	0.86	ppb
Cobalt	59-2	516.03	515.99	509.15	513.72	0.77	ppb
Copper	63-2	1000.69	999.73	1002.48	1000.97	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	118578.25	118391.79	117031.84	118000.63	0.72	ppb
Iron	57-2	120431.83	119710.78	120722.41	120288.34	0.43	ppb
Lead	206-1	496.16	498.04	502.19	498.80	0.62	ppb
Lead	207-1	497.85	497.40	501.96	499.07	0.50	ppb
Lead	208-1	497.92	498.28	504.86	500.35	0.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	238052.04	239361.76	238134.40	238516.07	0.31	ppb
Manganese	55-2	977.47	982.25	973.04	977.59	0.47	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	494.71	502.01	500.19	498.97	0.76	ppb
Molybdenum	94-1	491.32	510.99	508.57	503.63	2.13	ppb
Molybdenum	95-1	494.97	504.71	504.93	501.54	1.13	ppb
Molybdenum	96-1	492.09	503.31	502.60	499.33	1.26	ppb
Molybdenum	97-1	491.07	501.40	500.28	497.58	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.68	525.45	522.29	524.81	0.43	ppb
Phosphorus	31-2	8860.05	9523.42	9314.69	9232.72	3.67	ppb
Potassium	39-2	120186.24	121863.78	120935.41	120995.14	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	462.87	523.32	481.96	489.38	6.31	ppb
Selenium	78-2	444.87	483.50	463.98	464.12	4.16	ppb
Selenium	82-1	470.25	478.13	480.82	476.40	1.15	ppb
Silicon	28-1	499.09	510.85	516.16	508.70	1.72	ppb
Silver	109-1	479.20	481.91	488.47	483.19	0.99	ppb
Silver	107-1	472.98	477.76	483.64	478.13	1.12	ppb
Sodium	23-2	241148.54	242471.94	239815.16	241145.21	0.55	ppb
Strontium	86-1	508.98	509.72	514.12	510.94	0.54	ppb
Strontium	88-1	503.49	510.43	510.19	508.04	0.78	ppb
Sulfur	34-1	10551.78	10565.18	10227.47	10448.14	1.83	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	498.33	491.98	496.32	495.54	0.65	ppb
Thallium	205-1	494.37	497.32	495.22	495.63	0.31	ppb
Tin	118-1	490.28	493.03	492.45	491.92	0.29	ppb
Titanium	47-1	478.01	481.54	475.86	478.47	0.60	ppb
Uranium	238-1	502.18	496.02	502.97	500.39	0.76	ppb
Vanadium	51-2	486.84	486.90	483.77	485.84	0.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	988.35	978.90	978.80	982.02	0.56	ppb
Zirconium	90-1	496.99	505.05	502.29	501.44	0.82	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.39	508.49	504.43	503.77	1.01	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P8
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:56:33	DataFile Name :	106CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.03	0.15	0.09	-0.93		ppb
Antimony	121-1	0.29	0.28	0.25	0.27	7.87	ppb
Arsenic	75-2	0.00	0.01	0.01	0.00	179.34	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.07	0.05	0.05	31.44	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	11-1	13.01	12.87	11.73	12.53	5.62	ppb
Boron	10-1	13.85	13.21	12.59	13.22	4.74	ppb
Cadmium	106-1	-1.39	-1.59	-1.43	-1.47		ppb
Cadmium	108-1	-0.04	-0.01	-0.04	-0.03		ppb
Cadmium	111-1	-0.09	-0.10	-0.09	-0.09		ppb
Calcium	43-1	-10.44	-8.42	-26.27	-15.04		ppb
Calcium	44-1	-10.21	-13.26	-13.12	-12.20		ppb
Chromium	52-2	-0.07	-0.28	-0.20	-0.18		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.04	0.04	0.05	0.04	7.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.57	0.91	0.88	0.79	23.99	ppb
Iron	57-2	1.77	3.76	0.50	2.01	81.58	ppb
Lead	206-1	0.06	0.05	0.08	0.06	19.52	ppb
Lead	207-1	0.04	0.07	0.04	0.05	32.50	ppb
Lead	208-1	0.06	0.06	0.06	0.06	5.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.87	1.49	0.40	0.92	59.73	ppb
Manganese	55-2	-0.02	0.00	-0.02	-0.01		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P8
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:56:33	DataFile Name :	106CCBE_P8072517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.17	ppb
Molybdenum	94-1	0.05	0.04	0.05	0.04	14.64	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	10.99	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	22.44	ppb
Molybdenum	97-1	0.11	0.10	0.07	0.09	20.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	-0.01	-0.01		ppb
Phosphorus	31-2	27.43	-25.72	-12.75	-3.68		ppb
Potassium	39-2	9.42	12.85	11.29	11.19	15.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	3.21	0.00	0.00	1.07	173.21	ppb
Selenium	78-2	-0.51	0.50	0.00	0.00		ppb
Selenium	82-1	-0.35	0.60	0.96	0.40	167.21	ppb
Silicon	28-1	-19.92	-21.42	-23.61	-21.65		ppb
Silver	109-1	0.03	0.03	0.06	0.04	34.52	ppb
Silver	107-1	0.05	0.04	0.04	0.04	8.64	ppb
Sodium	23-2	55.39	51.89	51.81	53.03	3.86	ppb
Strontium	86-1	-0.04	-0.02	0.01	-0.02		ppb
Strontium	88-1	0.01	0.02	0.02	0.01	47.30	ppb
Sulfur	34-1	-1119.22	-1244.27	-1353.53	-1239.00		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.05	0.06	0.07	31.18	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	12.58	ppb
Tin	118-1	0.06	0.07	0.04	0.06	28.28	ppb
Titanium	47-1	0.02	0.02	-0.02	0.01	381.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	109.26	ppb
Vanadium	51-2	0.00	0.00	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.00	-0.01	0.01	320.22	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	10.30	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P8
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:56:33	DataFile Name :	106CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.09	0.07	26.07	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.01	2.02	-0.99	1.01	171.47	ppb
Antimony	121-1	0.42	0.45	0.45	0.44	3.95	ppb
Arsenic	75-2	5.83	6.24	5.90	5.99	3.63	ppb
Barium	135-1	151.34	153.37	152.33	152.35	0.67	ppb
Barium	137-1	150.28	153.46	152.93	152.23	1.12	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	16.91	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	11-1	113.74	115.90	117.35	115.66	1.57	ppb
Boron	10-1	114.20	116.68	118.04	116.30	1.67	ppb
Cadmium	106-1	-0.98	-0.60	-0.34	-0.64		ppb
Cadmium	108-1	0.30	0.23	0.21	0.25	19.97	ppb
Cadmium	111-1	-0.05	-0.01	0.01	-0.02		ppb
Calcium	43-1	61435.06	60896.18	61301.76	61211.00	0.46	ppb
Calcium	44-1	59238.55	57897.91	59459.55	58865.34	1.44	ppb
Chromium	52-2	0.49	0.44	0.48	0.47	5.26	ppb
Cobalt	59-2	0.18	0.19	0.18	0.18	3.64	ppb
Copper	63-2	0.59	0.55	0.59	0.58	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	2.90	3.40	3.55	3.28	10.44	ppb
Iron	57-2	5.59	7.26	6.52	6.46	12.95	ppb
Lead	206-1	0.10	0.08	0.11	0.10	19.75	ppb
Lead	207-1	0.10	0.09	0.08	0.09	14.60	ppb
Lead	208-1	0.10	0.09	0.10	0.10	7.03	ppb
Lithium	6-1				115		%
Magnesium	24-2	32792.74	32805.14	32557.04	32718.30	0.43	ppb
Manganese	55-2	65.17	65.19	65.87	65.41	0.61	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.32	49.49	49.56	49.46	0.25	ppb
Molybdenum	94-1	16.11	15.92	16.40	16.14	1.49	ppb
Molybdenum	95-1	48.67	48.42	48.93	48.68	0.52	ppb
Molybdenum	96-1	41.71	41.40	41.61	41.57	0.37	ppb
Molybdenum	97-1	49.01	48.76	49.17	48.98	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.60	0.71	0.68	9.95	ppb
Phosphorus	31-2	-13.15	-13.13	-0.31	-8.86		ppb
Potassium	39-2	4364.28	4331.03	4247.82	4314.38	1.39	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.91	0.44	1.96	1.44	59.90	ppb
Selenium	82-1	1.30	0.75	2.10	1.38	49.05	ppb
Silicon	28-1	8086.83	8009.10	8105.94	8067.29	0.64	ppb
Silver	109-1	0.31	0.33	0.30	0.32	5.55	ppb
Silver	107-1	0.33	0.30	0.32	0.32	6.05	ppb
Sodium	23-2	21860.97	21869.02	21730.26	21820.08	0.36	ppb
Strontium	86-1	8078.23	8111.41	8107.02	8098.89	0.22	ppb
Strontium	88-1	8209.74	8210.18	8263.82	8227.91	0.38	ppb
Sulfur	34-1	14708.22	14208.76	14635.45	14517.48	1.86	ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.11	0.07	0.06	0.08	32.53	ppb
Thallium	205-1	0.12	0.07	0.05	0.08	42.03	ppb
Tin	118-1	0.11	0.10	0.12	0.11	10.27	ppb
Titanium	47-1	0.25	0.21	0.23	0.23	10.06	ppb
Uranium	238-1	4.15	4.17	4.12	4.15	0.59	ppb
Vanadium	51-2	1.66	1.64	1.68	1.66	1.34	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	1.68	1.86	1.97	1.84	8.07	ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	11.80	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.08	0.07	15.16	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.27	0.22	2.13	1.87	82.51	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	5.51	ppb
Arsenic	75-2	1.66	1.43	1.11	1.40	19.98	ppb
Barium	135-1	30.49	29.52	31.10	30.37	2.61	ppb
Barium	137-1	29.98	29.48	31.12	30.19	2.78	ppb
Beryllium	9-1	0.05	0.07	0.02	0.05	50.52	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	11-1	29.95	29.90	30.00	29.95	0.17	ppb
Boron	10-1	30.68	32.23	31.93	31.62	2.61	ppb
Cadmium	106-1	-1.04	-1.53	-1.97	-1.51		ppb
Cadmium	108-1	0.11	0.01	0.07	0.06	79.48	ppb
Cadmium	111-1	-0.07	-0.11	-0.13	-0.10		ppb
Calcium	43-1	11330.30	11524.21	12017.35	11623.95	3.05	ppb
Calcium	44-1	11358.64	11654.88	12023.53	11679.02	2.85	ppb
Chromium	52-2	-0.06	0.03	-0.13	-0.05		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	22.12	ppb
Copper	63-2	0.15	0.15	0.12	0.14	11.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.96	1.20	0.82	0.99	19.09	ppb
Iron	57-2	1.12	3.64	2.99	2.58	50.71	ppb
Lead	206-1	0.02	0.03	0.03	0.03	15.34	ppb
Lead	207-1	0.04	0.01	0.02	0.02	50.82	ppb
Lead	208-1	0.03	0.02	0.03	0.03	17.07	ppb
Lithium	6-1				107		%
Magnesium	24-2	6338.46	6443.52	6221.70	6334.56	1.75	ppb
Manganese	55-2	12.87	13.40	12.65	12.97	2.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.53	9.60	10.07	9.73	2.99	ppb
Molybdenum	94-1	3.21	3.14	3.23	3.19	1.36	ppb
Molybdenum	95-1	9.42	9.57	9.76	9.58	1.82	ppb
Molybdenum	96-1	8.14	8.27	8.28	8.23	0.93	ppb
Molybdenum	97-1	9.25	9.69	10.01	9.65	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.11	0.16	0.12	31.56	ppb
Phosphorus	31-2	-12.63	-25.72	-25.72	-21.36		ppb
Potassium	39-2	843.29	858.44	834.95	845.56	1.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	0.00	3.24	0.00	1.08	173.21	ppb
Selenium	78-2	-0.51	0.53	-1.01	-0.33		ppb
Selenium	82-1	0.59	0.70	-0.17	0.37	127.07	ppb
Silicon	28-1	1547.79	1555.91	1612.42	1572.04	2.24	ppb
Silver	109-1	0.07	0.07	0.09	0.07	16.99	ppb
Silver	107-1	0.06	0.07	0.06	0.06	10.79	ppb
Sodium	23-2	4194.03	4297.98	4108.20	4200.07	2.26	ppb
Strontium	86-1	1594.99	1599.62	1664.41	1619.68	2.40	ppb
Strontium	88-1	1610.62	1622.46	1660.27	1631.11	1.59	ppb
Sulfur	34-1	1674.28	1738.57	2348.68	1920.51	19.38	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.01	0.01	51.20	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	64.56	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.04	0.12	0.08	0.08	45.17	ppb
Uranium	238-1	0.81	0.80	0.80	0.80	1.24	ppb
Vanadium	51-2	0.32	0.36	0.27	0.32	14.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.34	0.48	0.19	0.34	44.05	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	20.47	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	71.47	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:05:58	DataFile Name :	109SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1930.59	1886.13	1928.79	1915.17	1.31	ppb
Antimony	121-1	104.41	104.19	104.68	104.43	0.24	ppb
Arsenic	75-2	47.15	45.64	48.75	47.18	3.29	ppb
Barium	135-1	2238.75	2250.99	2274.60	2254.78	0.81	ppb
Barium	137-1	2226.85	2234.89	2222.73	2228.16	0.28	ppb
Beryllium	9-1	48.08	48.57	48.23	48.30	0.52	ppb
Bismuth	209-1				123		%
Bismuth	209-2				111		%
Boron	11-1	105.46	104.87	110.09	106.81	2.68	ppb
Boron	10-1	109.37	108.70	111.40	109.82	1.28	ppb
Cadmium	106-1	45.63	45.27	44.41	45.10	1.39	ppb
Cadmium	108-1	47.34	48.42	49.61	48.46	2.34	ppb
Cadmium	111-1	51.67	50.62	51.07	51.12	1.03	ppb
Calcium	43-1	59673.57	58647.98	60108.29	59476.61	1.26	ppb
Calcium	44-1	57111.26	56617.64	56810.62	56846.50	0.44	ppb
Chromium	52-2	208.59	208.34	215.88	210.94	2.03	ppb
Cobalt	59-2	514.82	514.79	531.89	520.50	1.90	ppb
Copper	63-2	264.30	264.36	273.44	267.37	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				122		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	1052.94	1044.27	1078.20	1058.47	1.67	ppb
Iron	57-2	1063.55	1042.28	1071.17	1059.00	1.41	ppb
Lead	206-1	20.31	20.74	20.48	20.51	1.05	ppb
Lead	207-1	20.06	20.46	20.24	20.26	1.00	ppb
Lead	208-1	20.21	20.61	20.33	20.38	1.02	ppb
Lithium	6-1				118		%
Magnesium	24-2	32051.88	31295.30	32893.04	32080.07	2.49	ppb
Manganese	55-2	576.55	572.51	592.87	580.65	1.86	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:05:58	DataFile Name :	109SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.63	48.30	47.41	48.11	1.32	ppb
Molybdenum	94-1	15.90	15.77	15.55	15.74	1.11	ppb
Molybdenum	95-1	48.35	48.42	47.52	48.10	1.05	ppb
Molybdenum	96-1	40.96	41.39	40.11	40.82	1.59	ppb
Molybdenum	97-1	48.77	48.79	47.85	48.47	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.76	522.16	542.22	528.71	2.21	ppb
Phosphorus	31-2	-25.72	-0.28	14.10	-3.97		ppb
Potassium	39-2	4097.26	4110.19	4188.21	4131.89	1.19	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	77-2	120.56	95.68	98.18	104.81	13.07	ppb
Selenium	78-2	123.07	94.95	123.88	113.97	14.46	ppb
Selenium	82-1	106.58	110.81	105.77	107.72	2.51	ppb
Silicon	28-1	7736.87	7694.60	7784.58	7738.68	0.58	ppb
Silver	109-1	47.43	47.42	48.02	47.62	0.72	ppb
Silver	107-1	47.34	46.90	46.82	47.02	0.59	ppb
Sodium	23-2	21167.25	20619.88	21801.91	21196.35	2.79	ppb
Strontium	86-1	7939.98	7963.95	7881.90	7928.61	0.53	ppb
Strontium	88-1	8045.80	8081.32	7934.93	8020.68	0.95	ppb
Sulfur	34-1	13278.10	13425.87	13381.59	13361.86	0.57	ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	50.67	52.32	50.86	51.29	1.76	ppb
Thallium	205-1	52.22	53.25	51.81	52.43	1.41	ppb
Tin	118-1	0.13	0.11	0.12	0.12	6.99	ppb
Titanium	47-1	0.29	0.19	0.18	0.22	26.88	ppb
Uranium	238-1	4.15	4.17	4.04	4.12	1.74	ppb
Vanadium	51-2	518.48	513.03	535.65	522.39	2.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	519.62	514.06	533.67	522.45	1.93	ppb
Zirconium	90-1	0.07	0.05	0.07	0.06	14.79	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:05:58	DataFile Name :	109SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.07	0.08	4.95	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	2.26	3.26	2.59	22.43	ppb
Antimony	121-1	0.23	0.23	0.24	0.23	3.13	ppb
Arsenic	75-2	5.66	5.45	5.63	5.58	2.05	ppb
Barium	135-1	174.48	171.54	172.73	172.92	0.85	ppb
Barium	137-1	174.78	171.63	172.35	172.92	0.96	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	56.43	ppb
Bismuth	209-1				125		%
Bismuth	209-2				114		%
Boron	11-1	81.13	79.66	80.36	80.38	0.92	ppb
Boron	10-1	80.75	81.93	83.21	81.96	1.50	ppb
Cadmium	106-1	-1.41	-0.96	-1.63	-1.33		ppb
Cadmium	108-1	0.22	0.41	0.27	0.30	32.57	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	70571.95	68171.56	70158.12	69633.88	1.84	ppb
Calcium	44-1	69144.15	67534.72	68478.17	68385.68	1.18	ppb
Chromium	52-2	4.15	4.31	4.21	4.22	1.85	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	7.43	ppb
Copper	63-2	0.94	0.93	0.87	0.92	3.88	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				123		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	5.20	4.91	4.62	4.91	5.97	ppb
Iron	57-2	5.76	3.18	7.70	5.55	40.87	ppb
Lead	206-1	0.38	0.38	0.31	0.36	11.70	ppb
Lead	207-1	0.32	0.30	0.35	0.32	7.44	ppb
Lead	208-1	0.35	0.34	0.34	0.34	2.74	ppb
Lithium	6-1				118		%
Magnesium	24-2	41388.33	40483.20	40688.97	40853.50	1.16	ppb
Manganese	55-2	4.25	4.07	3.91	4.07	4.17	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.43	3.49	3.45	3.46	0.86	ppb
Molybdenum	94-1	1.18	1.11	1.12	1.14	3.48	ppb
Molybdenum	95-1	3.59	3.46	3.35	3.47	3.39	ppb
Molybdenum	96-1	3.00	2.90	2.88	2.92	2.24	ppb
Molybdenum	97-1	3.54	3.61	3.32	3.49	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.43	1.66	1.59	8.75	ppb
Phosphorus	31-2	13.79	0.68	0.44	4.97	153.64	ppb
Potassium	39-2	831.71	809.67	823.38	821.59	1.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	6.32	0.00	0.00	2.11	173.21	ppb
Selenium	78-2	2.98	4.56	2.98	3.51	25.95	ppb
Selenium	82-1	3.92	4.27	3.50	3.90	9.88	ppb
Silicon	28-1	9240.06	9066.68	9182.24	9162.99	0.96	ppb
Silver	109-1	0.15	0.19	0.17	0.17	12.13	ppb
Silver	107-1	0.17	0.17	0.15	0.17	6.46	ppb
Sodium	23-2	17585.11	17351.10	17290.31	17408.84	0.89	ppb
Strontium	86-1	3531.82	3477.03	3419.93	3476.26	1.61	ppb
Strontium	88-1	3590.63	3527.99	3504.34	3540.99	1.26	ppb
Sulfur	34-1	12434.34	11879.25	11981.82	12098.47	2.44	ppb
Terbium	159-1				121		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.03	0.03	0.03	27.75	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.71	ppb
Tin	118-1	0.05	0.06	0.04	0.05	20.02	ppb
Titanium	47-1	0.32	0.31	0.21	0.28	20.44	ppb
Uranium	238-1	4.49	4.44	4.54	4.49	1.06	ppb
Vanadium	51-2	1.14	1.14	1.19	1.16	2.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	3.63	4.36	3.79	3.93	9.79	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	9.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.02	0.04	38.72	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.18	3.66	0.27	2.03	83.33	ppb
Antimony	121-1	0.25	0.27	0.29	0.27	8.25	ppb
Arsenic	75-2	1.08	1.29	1.41	1.26	13.13	ppb
Barium	135-1	139.60	140.78	140.00	140.13	0.43	ppb
Barium	137-1	141.38	139.62	141.47	140.82	0.74	ppb
Beryllium	9-1	0.03	0.01	0.00	0.01	95.92	ppb
Bismuth	209-1				125		%
Bismuth	209-2				110		%
Boron	11-1	49.30	49.85	49.96	49.70	0.71	ppb
Boron	10-1	51.90	48.51	51.93	50.78	3.87	ppb
Cadmium	106-1	-0.97	-2.08	-1.91	-1.65		ppb
Cadmium	108-1	0.03	0.13	0.06	0.07	67.35	ppb
Cadmium	111-1	-0.06	-0.15	-0.12	-0.11		ppb
Calcium	43-1	71837.77	71498.44	71880.32	71738.84	0.29	ppb
Calcium	44-1	69901.81	69235.74	69772.74	69636.76	0.51	ppb
Chromium	52-2	0.77	0.89	0.93	0.86	9.51	ppb
Cobalt	59-2	0.36	0.42	0.38	0.39	7.85	ppb
Copper	63-2	0.70	0.73	0.76	0.73	4.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	9.31	10.52	10.61	10.15	7.12	ppb
Iron	57-2	9.31	13.90	13.69	12.30	21.07	ppb
Lead	206-1	0.05	0.04	0.04	0.04	17.73	ppb
Lead	207-1	0.04	0.04	0.05	0.04	16.60	ppb
Lead	208-1	0.04	0.04	0.04	0.04	5.49	ppb
Lithium	6-1				117		%
Magnesium	24-2	35333.29	38409.05	38516.83	37419.72	4.83	ppb
Manganese	55-2	14.81	16.47	15.65	15.64	5.31	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	7.11	7.14	7.18	7.14	0.49	ppb
Molybdenum	94-1	2.27	2.47	2.30	2.35	4.62	ppb
Molybdenum	95-1	7.18	7.06	7.07	7.10	0.97	ppb
Molybdenum	96-1	6.18	6.05	6.04	6.09	1.25	ppb
Molybdenum	97-1	7.12	7.21	7.23	7.18	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.26	2.66	2.46	8.00	ppb
Phosphorus	31-2	0.24	-11.83	29.20	5.87	359.27	ppb
Potassium	39-2	1137.57	1213.51	1280.88	1210.65	5.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				93		%
Selenium	77-2	3.19	0.00	0.00	1.06	173.21	ppb
Selenium	78-2	-1.01	0.03	0.55	-0.15		ppb
Selenium	82-1	0.27	0.61	0.07	0.32	86.42	ppb
Silicon	28-1	8124.11	8128.68	8226.60	8159.80	0.71	ppb
Silver	109-1	0.14	0.13	0.15	0.14	7.26	ppb
Silver	107-1	0.14	0.14	0.13	0.14	7.51	ppb
Sodium	23-2	18193.19	19492.32	19233.91	18973.14	3.62	ppb
Strontium	86-1	2250.21	2263.25	2266.18	2259.88	0.38	ppb
Strontium	88-1	2284.25	2278.92	2306.41	2289.86	0.64	ppb
Sulfur	34-1	10550.84	10444.57	10362.50	10452.64	0.90	ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.01	0.01	47.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.37	ppb
Tin	118-1	0.02	0.00	0.01	0.01	154.69	ppb
Titanium	47-1	0.19	0.23	0.22	0.21	8.25	ppb
Uranium	238-1	4.40	4.31	4.38	4.37	1.08	ppb
Vanadium	51-2	1.16	1.23	1.13	1.17	4.44	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	1.02	1.05	1.12	1.06	5.23	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	7.57	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	19.32	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	0.07	0.08	0.43	142.56	ppb
Antimony	121-1	0.20	0.21	0.44	0.28	48.83	ppb
Arsenic	75-2	5.29	5.53	5.68	5.50	3.53	ppb
Barium	135-1	173.35	169.98	312.31	218.55	37.16	ppb
Barium	137-1	172.89	170.48	315.89	219.75	37.89	ppb
Beryllium	9-1	0.02	0.00	0.06	0.03	107.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				113		%
Boron	11-1	78.28	78.57	131.14	96.00	31.70	ppb
Boron	10-1	78.57	81.68	135.32	98.52	32.38	ppb
Cadmium	106-1	-1.28	-1.94	-1.33	-1.52		ppb
Cadmium	108-1	0.06	0.15	0.55	0.25	103.98	ppb
Cadmium	111-1	-0.09	-0.13	-0.10	-0.11		ppb
Calcium	43-1	68807.68	69720.87	125432.37	87986.97	36.86	ppb
Calcium	44-1	67881.40	68475.38	122352.71	86236.50	36.27	ppb
Chromium	52-2	3.76	3.69	3.77	3.74	1.12	ppb
Cobalt	59-2	0.06	0.06	0.07	0.06	14.88	ppb
Copper	63-2	0.80	0.83	0.90	0.84	5.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				112		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	2.94	2.65	3.02	2.87	6.82	ppb
Iron	57-2	3.37	7.52	3.61	4.83	48.22	ppb
Lead	206-1	0.03	0.03	0.07	0.05	48.67	ppb
Lead	207-1	0.04	0.04	0.07	0.05	33.17	ppb
Lead	208-1	0.03	0.04	0.07	0.05	43.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	40222.98	39615.07	40964.21	40267.42	1.68	ppb
Manganese	55-2	3.88	4.07	3.97	3.97	2.43	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.45	3.45	6.30	4.40	37.37	ppb
Molybdenum	94-1	1.09	1.15	2.22	1.49	42.89	ppb
Molybdenum	95-1	3.43	3.38	6.36	4.39	38.79	ppb
Molybdenum	96-1	2.93	2.97	5.42	3.77	37.76	ppb
Molybdenum	97-1	3.46	3.56	6.78	4.60	41.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.14	1.25	1.20	4.68	ppb
Phosphorus	31-2	0.32	0.05	13.13	4.50	166.04	ppb
Potassium	39-2	765.70	767.26	787.25	773.40	1.55	ppb
Rhodium	103-1				92		%
Rhodium	103-2				103		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	77-2	6.38	3.19	3.16	4.24	43.61	ppb
Selenium	78-2	1.51	4.54	4.00	3.35	48.25	ppb
Selenium	82-1	3.34	2.85	6.07	4.09	42.48	ppb
Silicon	28-1	9123.12	9162.12	16397.17	11560.80	36.23	ppb
Silver	109-1	0.14	0.14	0.28	0.19	43.53	ppb
Silver	107-1	0.13	0.13	0.20	0.15	26.83	ppb
Sodium	23-2	17155.91	17163.29	17105.53	17141.58	0.18	ppb
Strontium	86-1	3419.58	3443.04	6480.72	4447.78	39.58	ppb
Strontium	88-1	3482.14	3486.32	6523.25	4497.24	39.01	ppb
Sulfur	34-1	12396.86	12406.01	32608.37	19137.08	60.96	ppb
Terbium	159-1				103		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.03	0.05	0.03	44.26	ppb
Thallium	205-1	0.03	0.03	0.05	0.04	40.71	ppb
Tin	118-1	0.03	0.03	0.13	0.06	85.57	ppb
Titanium	47-1	0.15	0.25	0.61	0.34	71.05	ppb
Uranium	238-1	4.44	4.45	8.21	5.70	38.15	ppb
Vanadium	51-2	1.16	1.20	1.13	1.16	3.24	ppb
Yttrium	89-1				94		%
Yttrium	89-2				101		%
Zinc	66-2	1.58	1.32	1.70	1.53	12.89	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	24.91	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.27	0.10	140.06	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.27	1.20	1.40	2.62	87.49	ppb
Antimony	121-1	0.21	0.21	0.21	0.21	0.85	ppb
Arsenic	75-2	2.07	1.44	1.84	1.79	17.85	ppb
Barium	135-1	306.61	301.80	304.34	304.25	0.79	ppb
Barium	137-1	306.53	301.23	303.46	303.74	0.88	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	10.59	ppb
Bismuth	209-1				122		%
Bismuth	209-2				109		%
Boron	11-1	174.71	178.21	180.22	177.71	1.57	ppb
Boron	10-1	171.45	177.65	178.83	175.98	2.25	ppb
Cadmium	106-1	0.03	0.36	0.78	0.39	96.82	ppb
Cadmium	108-1	2.86	2.55	2.71	2.70	5.83	ppb
Cadmium	111-1	-0.14	-0.09	-0.07	-0.10		ppb
Calcium	43-1	114779.82	112719.13	114498.29	113999.08	0.98	ppb
Calcium	44-1	113072.32	111527.88	113807.10	112802.43	1.03	ppb
Chromium	52-2	17.79	17.54	18.51	17.95	2.83	ppb
Cobalt	59-2	0.51	0.52	0.55	0.52	4.25	ppb
Copper	63-2	10.33	10.50	11.02	10.61	3.38	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				122		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	56-2	2.99	3.02	3.26	3.09	4.87	ppb
Iron	57-2	7.28	7.21	8.36	7.61	8.47	ppb
Lead	206-1	0.03	0.04	0.02	0.03	25.35	ppb
Lead	207-1	0.03	0.04	0.05	0.04	15.91	ppb
Lead	208-1	0.03	0.04	0.03	0.03	24.21	ppb
Lithium	6-1				118		%
Magnesium	24-2	55873.82	57186.42	59552.77	57537.67	3.24	ppb
Manganese	55-2	8.98	8.96	9.93	9.29	5.99	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.43	0.43	0.45	0.44	2.77	ppb
Molybdenum	94-1	0.18	0.20	0.19	0.19	3.65	ppb
Molybdenum	95-1	0.44	0.50	0.41	0.45	10.54	ppb
Molybdenum	96-1	0.44	0.42	0.36	0.40	10.12	ppb
Molybdenum	97-1	0.52	0.48	0.52	0.51	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.29	6.90	7.41	7.20	3.69	ppb
Phosphorus	31-2	-12.80	0.64	15.73	1.19	1199.50	ppb
Potassium	39-2	1883.56	1961.44	2014.44	1953.15	3.37	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				95		%
Selenium	77-2	0.00	3.16	6.73	3.29	102.15	ppb
Selenium	78-2	0.49	-0.51	2.18	0.72	189.58	ppb
Selenium	82-1	1.91	2.59	2.44	2.32	15.43	ppb
Silicon	28-1	10523.54	10488.71	10647.97	10553.41	0.79	ppb
Silver	109-1	0.18	0.20	0.16	0.18	12.26	ppb
Silver	107-1	0.16	0.17	0.19	0.18	9.84	ppb
Sodium	23-2	71307.00	72865.69	76330.91	73501.20	3.50	ppb
Strontium	86-1	2607.72	2659.30	2665.15	2644.06	1.20	ppb
Strontium	88-1	2662.37	2689.23	2677.43	2676.34	0.50	ppb
Sulfur	34-1	4274.13	4079.78	4553.31	4302.41	5.53	ppb
Terbium	159-1				121		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.02	0.01	0.01	59.37	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	23.17	ppb
Tin	118-1	0.02	0.01	0.03	0.02	69.82	ppb
Titanium	47-1	0.36	0.41	0.35	0.37	8.32	ppb
Uranium	238-1	12.09	11.72	11.86	11.89	1.61	ppb
Vanadium	51-2	1.12	1.09	1.20	1.14	4.74	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	0.90	0.97	0.98	0.95	4.66	ppb
Zirconium	90-1	0.08	0.09	0.08	0.09	6.90	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.10	0.08	20.89	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2062.90	1729.31	1821.59	1871.27	9.21	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	10.52	ppb
Arsenic	75-2	4.09	3.93	5.19	4.40	15.49	ppb
Barium	135-1	215.31	215.11	207.28	212.57	2.15	ppb
Barium	137-1	213.66	215.61	207.43	212.23	2.01	ppb
Beryllium	9-1	0.10	0.07	0.10	0.09	16.46	ppb
Bismuth	209-1				128		%
Bismuth	209-2				118		%
Boron	11-1	98.13	99.12	99.95	99.07	0.92	ppb
Boron	10-1	98.30	98.26	100.80	99.12	1.47	ppb
Cadmium	106-1	-0.33	-1.29	-1.40	-1.00		ppb
Cadmium	108-1	0.47	0.73	0.65	0.61	21.71	ppb
Cadmium	111-1	-0.01	-0.10	-0.12	-0.08		ppb
Calcium	43-1	73337.69	73194.64	74588.78	73707.04	1.04	ppb
Calcium	44-1	72646.05	71729.76	72576.26	72317.36	0.71	ppb
Chromium	52-2	3.75	4.25	3.95	3.98	6.25	ppb
Cobalt	59-2	0.29	0.34	0.34	0.33	9.34	ppb
Copper	63-2	3.27	3.39	4.47	3.71	17.84	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				125		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				106		%
Iron	56-2	747.60	778.43	774.49	766.84	2.19	ppb
Iron	57-2	748.41	790.82	791.95	777.06	3.19	ppb
Lead	206-1	1.01	1.07	0.99	1.02	4.26	ppb
Lead	207-1	0.88	0.88	0.92	0.89	2.96	ppb
Lead	208-1	0.91	0.93	0.91	0.92	1.10	ppb
Lithium	6-1				116		%
Magnesium	24-2	39837.08	40409.22	40539.48	40261.92	0.93	ppb
Manganese	55-2	24.25	24.07	24.31	24.21	0.51	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.08	2.98	2.96	3.01	2.12	ppb
Molybdenum	94-1	1.93	1.99	2.39	2.11	11.85	ppb
Molybdenum	95-1	3.00	3.12	3.01	3.04	2.27	ppb
Molybdenum	96-1	2.93	2.84	2.72	2.83	3.85	ppb
Molybdenum	97-1	3.22	2.93	3.05	3.07	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.54	6.27	6.68	6.50	3.26	ppb
Phosphorus	31-2	25.19	-12.87	65.05	25.79	151.07	ppb
Potassium	39-2	944.52	958.22	977.98	960.24	1.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	6.14	0.00	0.00	2.05	173.21	ppb
Selenium	78-2	1.42	-0.04	0.93	0.77	96.70	ppb
Selenium	82-1	0.63	0.97	0.84	0.81	21.46	ppb
Silicon	28-1	12749.13	12514.49	13225.77	12829.79	2.82	ppb
Silver	109-1	0.53	0.02	0.02	0.19	154.69	ppb
Silver	107-1	0.02	0.04	0.02	0.03	37.06	ppb
Sodium	23-2	19249.25	19353.58	19387.17	19330.00	0.37	ppb
Strontium	86-1	3561.27	3549.93	3503.97	3538.39	0.86	ppb
Strontium	88-1	3630.07	3619.85	3581.91	3610.61	0.70	ppb
Sulfur	34-1	8863.97	8652.39	9054.79	8857.05	2.27	ppb
Terbium	159-1				123		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.01	0.01	0.01	40.06	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	27.33	ppb
Tin	118-1	0.14	0.11	0.09	0.11	24.43	ppb
Titanium	47-1	37.90	30.85	29.39	32.71	13.92	ppb
Uranium	238-1	6.04	6.11	6.10	6.08	0.59	ppb
Vanadium	51-2	1.89	1.87	1.86	1.87	0.81	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	9.07	8.28	9.75	9.03	8.15	ppb
Zirconium	90-1	1.51	2.24	2.05	1.93	19.48	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.54	1.42	1.45	1.47	4.27	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79.87	52.49	69.65	67.34	20.54	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	4.30	ppb
Arsenic	75-2	5.72	5.26	5.88	5.62	5.69	ppb
Barium	135-1	204.90	208.58	201.29	204.93	1.78	ppb
Barium	137-1	202.44	209.03	200.00	203.82	2.29	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	85.16	ppb
Bismuth	209-1				126		%
Bismuth	209-2				118		%
Boron	11-1	157.51	166.34	165.25	163.03	2.95	ppb
Boron	10-1	161.66	172.86	163.66	166.06	3.60	ppb
Cadmium	106-1	-1.08	-0.50	-1.90	-1.16		ppb
Cadmium	108-1	0.08	0.08	0.08	0.08	3.00	ppb
Cadmium	111-1	-0.05	-0.02	-0.11	-0.06		ppb
Calcium	43-1	67824.15	70148.82	68837.76	68936.91	1.69	ppb
Calcium	44-1	66108.16	67897.09	66210.07	66738.44	1.51	ppb
Chromium	52-2	0.79	0.73	0.67	0.73	8.23	ppb
Cobalt	59-2	0.25	0.25	0.21	0.24	10.80	ppb
Copper	63-2	1.24	1.26	1.27	1.26	1.01	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				123		%
Holmium	165-2				117		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	56-2	69.67	71.98	71.21	70.95	1.65	ppb
Iron	57-2	70.15	83.49	79.46	77.70	8.81	ppb
Lead	206-1	0.52	0.57	0.53	0.54	4.59	ppb
Lead	207-1	0.55	0.58	0.50	0.54	7.44	ppb
Lead	208-1	0.53	0.57	0.51	0.54	5.03	ppb
Lithium	6-1				112		%
Magnesium	24-2	35723.58	36233.06	36198.98	36051.88	0.79	ppb
Manganese	55-2	18.78	18.21	17.34	18.11	3.99	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	6.96	7.07	7.05	7.03	0.81	ppb
Molybdenum	94-1	2.37	2.38	2.39	2.38	0.34	ppb
Molybdenum	95-1	6.97	7.06	6.93	6.99	0.92	ppb
Molybdenum	96-1	5.89	6.10	5.91	5.97	1.97	ppb
Molybdenum	97-1	6.76	7.16	6.77	6.89	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.20	4.42	4.44	4.36	3.02	ppb
Phosphorus	31-2	12.08	25.55	-12.97	8.22	237.83	ppb
Potassium	39-2	1947.97	2033.68	1963.18	1981.61	2.31	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	9.06	3.04	0.00	4.03	114.33	ppb
Selenium	78-2	-1.01	-0.05	0.44	-0.21		ppb
Selenium	82-1	0.84	0.68	0.63	0.72	15.41	ppb
Silicon	28-1	7835.40	8402.59	7887.18	8041.72	3.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.44	ppb
Silver	107-1	0.01	0.02	0.01	0.01	32.51	ppb
Sodium	23-2	20331.46	20707.27	20329.46	20456.06	1.06	ppb
Strontium	86-1	5799.22	6059.89	5865.46	5908.19	2.29	ppb
Strontium	88-1	5866.76	6103.57	6002.89	5991.07	1.98	ppb
Sulfur	34-1	9178.23	10121.85	9386.69	9562.26	5.18	ppb
Terbium	159-1				121		%
Terbium	159-2				117		%
Thallium	203-1	0.02	0.01	0.01	0.02	48.90	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	10.83	ppb
Tin	118-1	0.11	0.16	0.10	0.12	22.42	ppb
Titanium	47-1	1.30	5.38	1.16	2.61	91.51	ppb
Uranium	238-1	4.71	4.92	4.65	4.76	2.91	ppb
Vanadium	51-2	0.99	0.95	1.04	0.99	4.76	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	3.49	3.10	3.91	3.50	11.60	ppb
Zirconium	90-1	0.17	0.18	0.14	0.16	14.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.10	0.15	0.14	26.08	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	5.60	7.63	5.20	50.93	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	31.44	ppb
Arsenic	75-2	0.16	0.20	0.14	0.17	20.48	ppb
Barium	135-1	63.71	62.77	61.46	62.65	1.80	ppb
Barium	137-1	63.46	62.66	62.12	62.75	1.07	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	42.17	ppb
Bismuth	209-1				119		%
Bismuth	209-2				112		%
Boron	11-1	21.93	22.14	21.83	21.97	0.72	ppb
Boron	10-1	21.95	21.77	21.94	21.89	0.45	ppb
Cadmium	106-1	-1.41	-0.15	-1.69	-1.08		ppb
Cadmium	108-1	0.06	-0.01	0.01	0.02	191.15	ppb
Cadmium	111-1	-0.09	-0.01	-0.11	-0.07		ppb
Calcium	43-1	5930.84	5863.77	5872.14	5888.92	0.62	ppb
Calcium	44-1	6138.53	5995.65	6114.77	6082.98	1.26	ppb
Chromium	52-2	-0.09	-0.06	0.00	-0.05		ppb
Cobalt	59-2	0.05	0.05	0.06	0.05	8.78	ppb
Copper	63-2	3.94	3.78	3.90	3.88	2.18	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				115		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	3.71	3.39	3.41	3.50	5.16	ppb
Iron	57-2	5.10	3.90	5.55	4.85	17.60	ppb
Lead	206-1	0.06	0.02	0.03	0.03	55.24	ppb
Lead	207-1	0.02	0.05	0.03	0.04	46.85	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	2074.77	2077.44	2104.62	2085.61	0.79	ppb
Manganese	55-2	622.34	618.08	611.65	617.36	0.87	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.11	0.09	0.13	0.11	16.30	ppb
Molybdenum	94-1	0.05	0.04	0.05	0.05	10.45	ppb
Molybdenum	95-1	0.11	0.14	0.10	0.12	18.52	ppb
Molybdenum	96-1	0.08	0.10	0.12	0.10	19.83	ppb
Molybdenum	97-1	0.21	0.18	0.19	0.20	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.63	0.82	0.73	13.30	ppb
Phosphorus	31-2	14.72	-12.29	-25.72	-7.76		ppb
Potassium	39-2	220.58	219.92	190.95	210.48	8.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	0.00	6.59	3.23	3.27	100.66	ppb
Selenium	78-2	-0.50	1.07	0.52	0.36	218.96	ppb
Selenium	82-1	0.67	0.31	0.56	0.51	35.75	ppb
Silicon	28-1	505.21	495.33	496.27	498.93	1.09	ppb
Silver	109-1	0.01	0.02	0.02	0.02	29.57	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.16	ppb
Sodium	23-2	1577.61	1564.78	1570.54	1570.98	0.41	ppb
Strontium	86-1	50.06	50.02	49.76	49.95	0.33	ppb
Strontium	88-1	50.80	50.35	50.73	50.63	0.47	ppb
Sulfur	34-1	-951.65	-1321.56	-1116.55	-1129.92		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.03	0.02	0.02	32.63	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.02	ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb
Titanium	47-1	0.04	0.05	0.06	0.05	25.78	ppb
Uranium	238-1	0.06	0.04	0.05	0.05	18.17	ppb
Vanadium	51-2	0.43	0.45	0.39	0.42	6.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.31	0.10	0.08	0.17	76.00	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.60	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	36.81	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.89	-3.03	-3.03	-2.32		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	19.07	ppb
Arsenic	75-2	0.15	0.29	0.34	0.26	38.74	ppb
Barium	135-1	62.72	63.69	65.29	63.90	2.03	ppb
Barium	137-1	63.25	62.99	64.88	63.71	1.61	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	96.83	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	11-1	18.93	19.43	19.97	19.44	2.68	ppb
Boron	10-1	19.99	17.10	20.46	19.18	9.48	ppb
Cadmium	106-1	-1.70	-1.02	-0.87	-1.19		ppb
Cadmium	108-1	0.04	-0.01	-0.01	0.00	893.89	ppb
Cadmium	111-1	-0.12	-0.06	-0.05	-0.08		ppb
Calcium	43-1	6011.28	6095.07	6101.61	6069.32	0.83	ppb
Calcium	44-1	6227.90	6238.54	6248.35	6238.26	0.16	ppb
Chromium	52-2	-0.04	0.02	-0.10	-0.04		ppb
Cobalt	59-2	0.05	0.05	0.06	0.05	14.60	ppb
Copper	63-2	3.57	3.82	3.71	3.70	3.38	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				115		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	1.01	0.31	0.64	0.65	53.71	ppb
Iron	57-2	1.23	1.98	-0.26	0.98	115.78	ppb
Lead	206-1	0.02	0.01	0.01	0.02	40.47	ppb
Lead	207-1	0.01	0.02	0.05	0.03	70.07	ppb
Lead	208-1	0.01	0.01	0.02	0.02	22.46	ppb
Lithium	6-1				107		%
Magnesium	24-2	2132.55	2216.48	2105.38	2151.47	2.69	ppb
Manganese	55-2	605.41	618.14	594.48	606.01	1.95	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.10	0.11	0.10	3.23	ppb
Molybdenum	94-1	0.05	0.05	0.04	0.04	10.24	ppb
Molybdenum	95-1	0.10	0.08	0.10	0.09	16.32	ppb
Molybdenum	96-1	0.10	0.08	0.11	0.10	16.04	ppb
Molybdenum	97-1	0.21	0.19	0.16	0.19	12.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.69	0.70	0.67	7.05	ppb
Phosphorus	31-2	-12.36	29.32	-12.42	1.52	1589.19	ppb
Potassium	39-2	219.42	214.88	215.29	216.53	1.16	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	0.00	3.41	3.22	2.21	86.71	ppb
Selenium	78-2	3.03	0.07	-0.50	0.86	219.49	ppb
Selenium	82-1	0.24	-0.91	-0.10	-0.26		ppb
Silicon	28-1	500.49	509.03	508.02	505.85	0.92	ppb
Silver	109-1	0.01	0.01	0.02	0.01	9.44	ppb
Silver	107-1	0.01	0.01	0.02	0.01	32.31	ppb
Sodium	23-2	1595.35	1647.52	1605.68	1616.18	1.71	ppb
Strontium	86-1	50.11	51.46	51.64	51.07	1.64	ppb
Strontium	88-1	51.58	52.02	52.02	51.87	0.49	ppb
Sulfur	34-1	-950.63	-634.79	-630.05	-738.49		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.01	0.02	34.88	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	23.24	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.01	0.00	0.05	0.02	134.62	ppb
Uranium	238-1	0.04	0.06	0.05	0.05	20.50	ppb
Vanadium	51-2	0.29	0.37	0.33	0.33	12.03	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	-0.03	0.39	0.24	0.20	109.00	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	19.48	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.01	0.01	64.89	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47595.44	48442.87	48057.09	48031.80	0.88	ppb
Antimony	121-1	486.42	489.47	481.89	485.93	0.79	ppb
Arsenic	75-2	519.69	527.62	522.35	523.22	0.77	ppb
Barium	135-1	2449.28	2488.80	2423.62	2453.90	1.34	ppb
Barium	137-1	2438.33	2429.03	2424.07	2430.48	0.30	ppb
Beryllium	9-1	490.32	492.88	481.91	488.37	1.17	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	11-1	487.19	493.37	491.31	490.62	0.64	ppb
Boron	10-1	489.50	490.91	502.35	494.25	1.43	ppb
Cadmium	106-1	469.98	466.07	472.97	469.67	0.74	ppb
Cadmium	108-1	465.16	464.61	475.95	468.57	1.36	ppb
Cadmium	111-1	462.80	468.95	463.31	465.02	0.73	ppb
Calcium	43-1	237542.86	237999.70	238199.53	237914.03	0.14	ppb
Calcium	44-1	237660.75	235943.66	238396.72	237333.71	0.53	ppb
Chromium	52-2	490.00	495.42	490.05	491.82	0.63	ppb
Cobalt	59-2	510.59	517.82	510.83	513.08	0.80	ppb
Copper	63-2	998.89	994.32	988.70	993.97	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				116		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	116434.59	119135.35	117028.93	117532.96	1.21	ppb
Iron	57-2	119955.70	120806.01	121077.31	120613.01	0.49	ppb
Lead	206-1	502.64	498.26	492.43	497.78	1.03	ppb
Lead	207-1	495.52	501.76	497.63	498.30	0.64	ppb
Lead	208-1	501.07	502.46	495.52	499.68	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	237021.58	241527.77	236484.88	238344.74	1.16	ppb
Manganese	55-2	950.18	969.35	957.41	958.98	1.01	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	494.11	503.90	497.54	498.52	1.00	ppb
Molybdenum	94-1	500.51	505.40	505.10	503.67	0.54	ppb
Molybdenum	95-1	503.40	501.66	492.24	499.10	1.20	ppb
Molybdenum	96-1	506.78	493.83	501.32	500.65	1.30	ppb
Molybdenum	97-1	500.29	495.98	493.81	496.69	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.88	525.21	518.65	523.92	0.91	ppb
Phosphorus	31-2	9062.98	9104.09	9784.44	9317.17	4.35	ppb
Potassium	39-2	118294.59	118687.65	120591.99	119191.41	1.03	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	484.27	512.05	546.04	514.12	6.02	ppb
Selenium	78-2	476.09	478.86	475.82	476.93	0.35	ppb
Selenium	82-1	472.66	471.18	472.46	472.10	0.17	ppb
Silicon	28-1	503.08	511.78	505.50	506.79	0.89	ppb
Silver	109-1	478.08	488.15	480.07	482.10	1.11	ppb
Silver	107-1	473.90	476.29	477.94	476.04	0.43	ppb
Sodium	23-2	237530.21	239291.32	239543.18	238788.24	0.46	ppb
Strontium	86-1	507.99	511.24	504.16	507.80	0.70	ppb
Strontium	88-1	508.41	504.08	507.41	506.63	0.45	ppb
Sulfur	34-1	10808.48	10804.96	10610.11	10741.19	1.06	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	500.02	503.35	489.65	497.67	1.44	ppb
Thallium	205-1	495.92	507.05	491.29	498.09	1.63	ppb
Tin	118-1	489.05	500.01	485.63	491.56	1.53	ppb
Titanium	47-1	480.54	477.66	472.88	477.03	0.81	ppb
Uranium	238-1	508.50	501.21	497.41	502.37	1.12	ppb
Vanadium	51-2	482.17	485.73	483.67	483.86	0.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	968.96	987.91	981.20	979.36	0.98	ppb
Zirconium	90-1	496.40	492.80	500.20	496.47	0.75	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.04	499.82	499.71	500.19	0.15	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.95	1.24	-3.03	-1.25		ppb
Antimony	121-1	0.29	0.27	0.26	0.27	6.11	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	35.78	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	24.69	ppb
Bismuth	209-1				121		%
Bismuth	209-2				113		%
Boron	11-1	11.49	10.13	10.22	10.61	7.13	ppb
Boron	10-1	10.79	11.66	9.45	10.63	10.48	ppb
Cadmium	106-1	-1.09	-1.12	-1.71	-1.30		ppb
Cadmium	108-1	0.06	0.01	-0.01	0.02	191.85	ppb
Cadmium	111-1	-0.07	-0.07	-0.12	-0.08		ppb
Calcium	43-1	-21.01	-12.36	-20.33	-17.90		ppb
Calcium	44-1	-11.67	-14.19	-14.52	-13.46		ppb
Chromium	52-2	-0.21	-0.18	-0.26	-0.22		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.02	0.02	0.02	38.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	0.73	0.59	0.93	0.75	23.43	ppb
Iron	57-2	0.07	0.62	0.28	0.32	84.60	ppb
Lead	206-1	0.06	0.03	0.06	0.05	33.59	ppb
Lead	207-1	0.05	0.05	0.03	0.05	28.85	ppb
Lead	208-1	0.06	0.05	0.05	0.05	10.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.41	0.66	2.12	1.73	54.25	ppb
Manganese	55-2	0.05	-0.08	-0.03	-0.02		ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.01	0.02	17.38	ppb
Molybdenum	94-1	0.05	0.07	0.07	0.06	21.73	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	40.73	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.02	22.50	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.07	6.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-12.29	27.51	0.62	5.28	384.72	ppb
Potassium	39-2	6.97	4.61	-9.84	0.58	1575.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	3.21	0.00	0.00	1.07	173.21	ppb
Selenium	78-2	0.52	0.51	-0.51	0.17	342.74	ppb
Selenium	82-1	-0.34	0.19	-0.25	-0.13		ppb
Silicon	28-1	-23.41	-23.48	-23.51	-23.47		ppb
Silver	109-1	0.02	0.03	0.03	0.03	33.63	ppb
Silver	107-1	0.02	0.03	0.02	0.03	15.24	ppb
Sodium	23-2	43.99	44.10	41.57	43.22	3.31	ppb
Strontium	86-1	0.00	-0.02	0.01	0.00		ppb
Strontium	88-1	0.02	0.02	0.03	0.02	29.29	ppb
Sulfur	34-1	-1047.09	-1068.10	-1157.68	-1090.96		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.06	0.06	0.06	0.06	6.69	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	16.86	ppb
Tin	118-1	0.06	0.04	0.04	0.04	28.95	ppb
Titanium	47-1	-0.02	0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	83.18	ppb
Vanadium	51-2	0.02	-0.01	0.00	0.00	663.47	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	0.02	0.01	0.04	117.87	ppb
Zirconium	90-1	0.10	0.07	0.08	0.08	16.21	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.09	0.09	9.97	ppb

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	75	25	75	58	49.49	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	33	83	50	56	45.83	cps
Barium	137-1	75	100	92	89	14.32	cps
Beryllium	9-1	17	44	33	31	44.41	cps
Bismuth	209-1	3414198	3462382	3386278	3420953	1.13	cps
Bismuth	209-2	1214487	1221511	1229882	1221960	0.63	cps
Boron	11-1	1617	1475	1584	1558	4.75	cps
Boron	10-1	392	342	325	353	9.83	cps
Cadmium	106-1	1559	1492	1292	1447	9.59	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	1101	1062	907	1023	10.03	cps
Calcium	43-1	3259	3442	3175	3292	4.15	cps
Calcium	44-1	61000	59627	59979	60202	1.18	cps
Chromium	52-2	1113	1097	1070	1093	2.00	cps
Cobalt	59-2	80	40	57	59	34.12	cps
Copper	63-2	273	323	243	280	14.43	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	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	92	42	61	43.83	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6190984	6156521	5907303	6084936	2.54	cps
Holmium	165-2	1697621	1701370	1691409	1696800	0.30	cps
Indium	115-1	6112243	6186123	5948361	6082242	2.00	cps
Indium	115-2	332120	328297	330365	330261	0.58	cps
Iron	56-2	3150	3212	3389	3250	3.82	cps
Iron	57-2	83	89	72	81	10.42	cps
Lead	206-1	250	222	256	243	7.36	cps
Lead	207-1	183	211	256	217	16.82	cps
Lead	208-1	1000	922	1000	974	4.61	cps
Lithium	6-1	691122	686168	667516	681602	1.83	cps
Magnesium	24-2	42	75	67	61	28.38	cps
Manganese	55-2	77	77	53	69	19.56	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25	75	33	44	60.28	cps
Molybdenum	94-1	225	258	133	206	31.49	cps
Molybdenum	95-1	50	50	58	53	9.12	cps
Molybdenum	96-1	192	125	217	178	26.65	cps
Molybdenum	97-1	17	25	33	25	33.32	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	60	70	67	8.66	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	3459	3676	3601	3578	3.08	cps
Rhodium	103-1	5968631	6017342	5781099	5922357	2.11	cps
Rhodium	103-2	1757349	1759694	1748500	1755181	0.34	cps
Scandium	45-1	3919158	3846512	3782041	3849237	1.78	cps
Scandium	45-2	37707	38797	38206	38237	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	-38	-104	-212	-118	-74.50	cps
Silicon	28-1	454825	447225	449241	450430	0.87	cps
Silver	109-1	50	67	92	69	30.20	cps
Silver	107-1	83	117	117	106	18.23	cps
Sodium	23-2	2692	3042	2859	2864	6.11	cps
Strontium	86-1	1534	1617	1483	1545	4.36	cps
Strontium	88-1	325	375	358	353	7.22	cps
Sulfur	34-1	393426	392950	392716	393030	0.09	cps
Terbium	159-1	6568492	6595964	6340133	6501530	2.16	cps
Terbium	159-2	1655690	1659517	1709099	1674769	1.78	cps
Thallium	203-1	42	83	8	44	84.56	cps
Thallium	205-1	83	92	67	81	15.80	cps
Tin	118-1	683	842	817	781	10.91	cps
Titanium	47-1	158	192	150	167	13.23	cps
Uranium	238-1	33	75	50	53	39.75	cps
Vanadium	51-2	13	27	10	17	52.93	cps
Yttrium	89-1	6798989	6863938	6624782	6762570	1.83	cps
Yttrium	89-2	249915	249968	251583	250489	0.38	cps
Zinc	66-2	63	70	37	57	31.12	cps
Zirconium	90-1	333	400	367	367	9.09	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:11:08	DataFile Name :	003CALB_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	150	75	89	62.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	192	200	181	14.84	cps
Antimony	121-1	17304	17729	17362	17465	1.32	cps
Arsenic	75-2	148	126	135	136	8.18	cps
Barium	135-1	17754	16803	17153	17237	2.79	cps
Barium	137-1	29768	30378	29710	29952	1.24	cps
Beryllium	9-1	1395	1228	1289	1304	6.47	cps
Bismuth	209-1	3379372	3239198	3376131	3331567	2.40	cps
Bismuth	209-2	1213953	1209960	1209335	1211083	0.21	cps
Boron	11-1	16260	16802	17052	16705	2.43	cps
Boron	10-1	3534	4042	3434	3670	8.89	cps
Cadmium	106-1	1717	1659	1725	1700	2.14	cps
Cadmium	108-1	121	121	146	129	11.17	cps
Cadmium	111-1	2992	3027	3302	3107	5.46	cps
Calcium	43-1	14433	13983	14091	14169	1.66	cps
Calcium	44-1	235563	237160	236350	236358	0.34	cps
Chromium	52-2	3280	3307	3400	3329	1.89	cps
Cobalt	59-2	2244	2370	2240	2285	3.24	cps
Copper	63-2	4728	4414	4858	4666	4.89	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	42	75	67	61	28.38	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	6040637	5757411	5970703	5922917	2.49	cps
Holmium	165-2	1679400	1689760	1665418	1678193	0.73	cps
Indium	115-1	5908809	5726991	5947808	5861203	2.01	cps
Indium	115-2	328905	327332	329874	328703	0.39	cps
Iron	56-2	39846	39412	41078	40112	2.15	cps
Iron	57-2	1006	1139	972	1039	8.49	cps
Lead	206-1	5651	5368	5401	5474	2.83	cps
Lead	207-1	5001	5140	4634	4925	5.31	cps
Lead	208-1	21975	21913	21602	21830	0.91	cps
Lithium	6-1	687027	660114	688749	678630	2.37	cps
Magnesium	24-2	19431	17803	17428	18221	5.84	cps
Manganese	55-2	347	413	453	404	13.32	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	32073	31546	31103	31574	1.54	cps
Molybdenum	94-1	16310	16194	16177	16227	0.45	cps
Molybdenum	95-1	20366	19999	19657	20007	1.77	cps
Molybdenum	96-1	22069	21242	21710	21674	1.91	cps
Molybdenum	97-1	12231	12498	12139	12289	1.52	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	773	700	727	5.58	cps
Phosphorus	31-2	8	33	0	14	124.91	cps
Potassium	39-2	15326	15142	14600	15022	2.51	cps
Rhodium	103-1	5616408	5558954	5721694	5632352	1.47	cps
Rhodium	103-2	1710279	1743193	1708367	1720613	1.14	cps
Scandium	45-1	3807920	3712331	3850982	3790411	1.87	cps
Scandium	45-2	38366	36294	37457	37372	2.78	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	24	26	26	25	4.24	cps
Selenium	82-1	561	588	691	613	11.16	cps
Silicon	28-1	495403	496556	494022	495327	0.26	cps
Silver	109-1	11263	10997	11581	11280	2.59	cps
Silver	107-1	11639	11789	11814	11747	0.81	cps
Sodium	23-2	49136	49094	48542	48924	0.68	cps
Strontium	86-1	3909	4493	4067	4156	7.26	cps
Strontium	88-1	23346	23755	23454	23518	0.90	cps
Sulfur	34-1	394092	393753	393479	393774	0.08	cps
Terbium	159-1	6310638	6087303	6368113	6255351	2.37	cps
Terbium	159-2	1663063	1645766	1640882	1649904	0.71	cps
Thallium	203-1	5268	4868	5443	5193	5.68	cps
Thallium	205-1	12340	11839	11564	11914	3.30	cps
Tin	118-1	31112	31146	31246	31168	0.22	cps
Titanium	47-1	5818	5877	6135	5943	2.84	cps
Uranium	238-1	14384	13959	14968	14437	3.51	cps
Vanadium	51-2	3911	3764	3657	3777	3.37	cps
Yttrium	89-1	6663736	6389640	6659283	6570886	2.39	cps
Yttrium	89-2	250164	248136	249727	249342	0.43	cps
Zinc	66-2	487	483	453	474	3.87	cps
Zirconium	90-1	14567	14426	14333	14442	0.81	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:18:16	DataFile Name :	005CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3117	3084	3251	3151	2.80	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8353	7944	8169	8155	2.51	cps
Antimony	121-1	496471	497957	491811	495413	0.65	cps
Arsenic	75-2	7246	7409	7189	7282	1.57	cps
Barium	135-1	474390	488486	476745	479874	1.57	cps
Barium	137-1	827503	844663	827629	833265	1.18	cps
Beryllium	9-1	67821	68111	66671	67535	1.13	cps
Bismuth	209-1	3424174	3439057	3427737	3430323	0.23	cps
Bismuth	209-2	1248508	1236531	1236408	1240483	0.56	cps
Boron	11-1	36756	37609	37851	37405	1.54	cps
Boron	10-1	8211	7786	7928	7975	2.72	cps
Cadmium	106-1	13599	12990	13049	13213	2.54	cps
Cadmium	108-1	8098	8073	7744	7972	2.48	cps
Cadmium	111-1	114338	115692	115565	115198	0.65	cps
Calcium	43-1	124162	124895	124128	124395	0.35	cps
Calcium	44-1	2068521	2095400	2102932	2088951	0.87	cps
Chromium	52-2	61431	60999	60470	60967	0.79	cps
Cobalt	59-2	126127	125648	124927	125567	0.48	cps
Copper	63-2	216297	216235	212997	215176	0.88	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	5878839	6130254	6102673	6037255	2.28	cps
Holmium	165-2	1693778	1706221	1705671	1701890	0.41	cps
Indium	115-1	5944838	6089533	6023171	6019181	1.20	cps
Indium	115-2	331935	331264	328788	330662	0.50	cps
Iron	56-2	2077242	2087901	2077139	2080761	0.30	cps
Iron	57-2	51813	50464	50369	50882	1.59	cps
Lead	206-1	227229	228075	223865	226389	0.98	cps
Lead	207-1	202436	205423	205456	204438	0.85	cps
Lead	208-1	910362	920028	913431	914607	0.54	cps
Lithium	6-1	691257	694041	692699	692665	0.20	cps
Magnesium	24-2	209444	206435	204118	206666	1.29	cps
Manganese	55-2	35753	35021	34252	35008	2.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	353401	354492	356769	354887	0.48	cps
Molybdenum	94-1	383242	382686	381946	382624	0.17	cps
Molybdenum	95-1	224929	220803	221465	222399	1.00	cps
Molybdenum	96-1	281883	278210	279965	280019	0.66	cps
Molybdenum	97-1	137104	137921	138921	137982	0.66	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37611	37089	36361	37020	1.70	cps
Phosphorus	31-2	650	717	742	703	6.74	cps
Potassium	39-2	69556	68149	67889	68531	1.31	cps
Rhodium	103-1	5791270	5813588	5744626	5783161	0.61	cps
Rhodium	103-2	1749155	1725784	1726843	1733927	0.76	cps
Scandium	45-1	3846263	3872632	3884017	3867637	0.50	cps
Scandium	45-2	37604	37487	38115	37735	0.89	cps
Selenium	77-2	60	43	43	49	19.69	cps
Selenium	78-2	198	187	143	176	16.71	cps
Selenium	82-1	7194	7681	7409	7428	3.28	cps
Silicon	28-1	690927	699851	694738	695172	0.64	cps
Silver	109-1	525095	523038	523252	523795	0.22	cps
Silver	107-1	554508	557971	557889	556789	0.35	cps
Sodium	23-2	505520	505895	499643	503686	0.70	cps
Strontium	86-1	146530	145442	146285	146085	0.39	cps
Strontium	88-1	1233681	1242047	1241880	1239203	0.39	cps
Sulfur	34-1	434812	440963	435701	437159	0.76	cps
Terbium	159-1	6249171	6470141	6478050	6399121	2.03	cps
Terbium	159-2	1721878	1673509	1674136	1689841	1.64	cps
Thallium	203-1	281091	285207	282041	282780	0.76	cps
Thallium	205-1	669381	673208	664601	669063	0.64	cps
Tin	118-1	346656	353297	347712	349222	1.02	cps
Titanium	47-1	63143	62842	61461	62482	1.44	cps
Uranium	238-1	786616	799809	792731	793052	0.83	cps
Vanadium	51-2	43594	43618	43718	43644	0.15	cps
Yttrium	89-1	6569107	6667523	6688571	6641734	0.96	cps
Yttrium	89-2	251988	249566	250504	250686	0.49	cps
Zinc	66-2	21210	20799	20579	20863	1.54	cps
Zirconium	90-1	708246	717143	721753	715714	0.96	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:21:46	DataFile Name :	006CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	156585	155548	158296	156809	0.88	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:25:18 DataFile Name : 007CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20240	19372	20382	19998	2.73	cps
Antimony	121-1	1257015	1247463	1258667	1254382	0.48	cps
Arsenic	75-2	18270	18594	18422	18428	0.88	cps
Barium	135-1	1218312	1208174	1213861	1213449	0.42	cps
Barium	137-1	2105971	2143076	2138614	2129220	0.95	cps
Beryllium	9-1	165917	167907	168480	167434	0.80	cps
Bismuth	209-1	3507356	3551670	3491556	3516861	0.89	cps
Bismuth	209-2	1259264	1224022	1243301	1242196	1.42	cps
Boron	11-1	90492	92473	93202	92056	1.52	cps
Boron	10-1	19756	20532	20181	20156	1.93	cps
Cadmium	106-1	30193	30260	29942	30132	0.56	cps
Cadmium	108-1	20387	19656	19890	19978	1.87	cps
Cadmium	111-1	289666	289425	286440	288510	0.62	cps
Calcium	43-1	306556	306948	305008	306171	0.33	cps
Calcium	44-1	5050732	5041935	4970717	5021128	0.87	cps
Chromium	52-2	149764	149434	151223	150140	0.63	cps
Cobalt	59-2	310571	310014	312666	311084	0.45	cps
Copper	63-2	534747	537620	537281	536549	0.29	cps
Dysprosium	156-1	17	50	8	25	88.19	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6186981	6156271	6168597	6170616	0.25	cps
Holmium	165-2	1740184	1665392	1723824	1709800	2.30	cps
Indium	115-1	6078609	6095273	5928119	6034001	1.53	cps
Indium	115-2	330406	323089	330978	328157	1.34	cps
Iron	56-2	5080903	5084740	5128442	5098028	0.52	cps
Iron	57-2	127724	127948	128296	127989	0.23	cps
Lead	206-1	569750	579142	569604	572832	0.95	cps
Lead	207-1	516456	522326	516186	518323	0.67	cps
Lead	208-1	2318621	2348482	2324478	2330527	0.68	cps
Lithium	6-1	689113	698888	691445	693148	0.74	cps
Magnesium	24-2	510215	507675	512534	510141	0.48	cps
Manganese	55-2	86345	87196	88287	87276	1.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:25:18	DataFile Name :	007CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	898142	896638	904282	899687	0.45	cps
Molybdenum	94-1	976467	981508	976893	978289	0.29	cps
Molybdenum	95-1	565587	559824	559798	561737	0.59	cps
Molybdenum	96-1	709176	704129	705663	706323	0.37	cps
Molybdenum	97-1	351652	351359	353686	352232	0.36	cps
Neodymium	150-1	53	20	27	33	52.92	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	89372	91052	91595	90673	1.28	cps
Phosphorus	31-2	1692	1592	1775	1686	5.44	cps
Potassium	39-2	164079	166776	165444	165433	0.82	cps
Rhodium	103-1	5750871	5764293	5767385	5760850	0.15	cps
Rhodium	103-2	1717386	1699840	1730441	1715889	0.89	cps
Scandium	45-1	3904048	3832097	3864794	3866980	0.93	cps
Scandium	45-2	37490	37019	37634	37381	0.86	cps
Selenium	77-2	143	177	140	153	13.22	cps
Selenium	78-2	431	437	528	465	11.62	cps
Selenium	82-1	18945	18727	18394	18688	1.49	cps
Silicon	28-1	921546	940210	922390	928048	1.14	cps
Silver	109-1	1319519	1327020	1313374	1319971	0.52	cps
Silver	107-1	1392721	1397708	1407525	1399318	0.54	cps
Sodium	23-2	1262482	1263889	1255122	1260498	0.37	cps
Strontium	86-1	366977	363795	365682	365485	0.44	cps
Strontium	88-1	3162421	3192898	3175000	3176773	0.48	cps
Sulfur	34-1	490338	488281	489647	489422	0.21	cps
Terbium	159-1	6548228	6567593	6487781	6534534	0.64	cps
Terbium	159-2	1684727	1643840	1709401	1679323	1.97	cps
Thallium	203-1	723882	719229	712672	718594	0.78	cps
Thallium	205-1	1718278	1713802	1701940	1711340	0.49	cps
Tin	118-1	881879	869862	874849	875530	0.69	cps
Titanium	47-1	157839	157139	155371	156783	0.81	cps
Uranium	238-1	2062552	2104800	2096874	2088075	1.08	cps
Vanadium	51-2	109211	108046	108456	108571	0.54	cps
Yttrium	89-1	6779731	6762316	6760417	6767488	0.16	cps
Yttrium	89-2	251773	245553	250951	249426	1.35	cps
Zinc	66-2	52402	52107	51295	51935	1.10	cps
Zirconium	90-1	1856388	1826772	1856635	1846598	0.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:25:18	DataFile Name :	007CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	398387	399638	401329	399785	0.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39080	39305	39113	39166	0.31	cps
Antimony	121-1	2591714	2560241	2585877	2579278	0.65	cps
Arsenic	75-2	36426	36905	36584	36638	0.67	cps
Barium	135-1	2503010	2468075	2477614	2482900	0.73	cps
Barium	137-1	4268671	4252719	4226723	4249371	0.50	cps
Beryllium	9-1	334505	334232	335990	334909	0.28	cps
Bismuth	209-1	3632659	3598057	3582102	3604273	0.72	cps
Bismuth	209-2	1283776	1286672	1270045	1280164	0.69	cps
Boron	11-1	182773	184462	185647	184294	0.78	cps
Boron	10-1	40450	39848	40399	40232	0.83	cps
Cadmium	106-1	60486	59549	60520	60185	0.92	cps
Cadmium	108-1	40586	39989	40344	40306	0.75	cps
Cadmium	111-1	577754	579332	575529	577539	0.33	cps
Calcium	43-1	612780	607802	602982	607855	0.81	cps
Calcium	44-1	9973272	9966327	9786439	9908679	1.07	cps
Chromium	52-2	295191	296018	294930	295380	0.19	cps
Cobalt	59-2	619077	613351	611811	614746	0.62	cps
Copper	63-2	1052063	1057977	1051546	1053862	0.34	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	7	23	0	10	120.16	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	67	67	100	78	24.74	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	6254006	6284528	6373672	6304069	0.99	cps
Holmium	165-2	1760929	1755940	1736011	1750960	0.75	cps
Indium	115-1	6090158	6073323	6084080	6082520	0.14	cps
Indium	115-2	328741	331639	327223	329201	0.68	cps
Iron	56-2	10054700	10091020	9960750	10035490	0.67	cps
Iron	57-2	252144	253560	252626	252776	0.28	cps
Lead	206-1	1168494	1165984	1162031	1165503	0.28	cps
Lead	207-1	1062402	1056333	1045116	1054617	0.83	cps
Lead	208-1	4862561	4813973	4788572	4821702	0.78	cps
Lithium	6-1	692580	690467	691658	691569	0.15	cps
Magnesium	24-2	1008446	1010586	993497	1004176	0.93	cps
Manganese	55-2	171255	172932	169413	171200	1.03	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1820894	1818371	1830494	1823253	0.35	cps
Molybdenum	94-1	2007117	2011666	1974636	1997806	1.01	cps
Molybdenum	95-1	1140004	1130376	1124868	1131749	0.68	cps
Molybdenum	96-1	1438660	1412960	1427410	1426343	0.90	cps
Molybdenum	97-1	703611	700528	706208	703449	0.40	cps
Neodymium	150-1	93	127	120	113	15.56	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	177654	180996	179726	179459	0.94	cps
Phosphorus	31-2	3417	3192	2942	3184	7.46	cps
Potassium	39-2	317490	320073	319819	319128	0.45	cps
Rhodium	103-1	5798733	5731276	5760945	5763652	0.59	cps
Rhodium	103-2	1735516	1736016	1714487	1728673	0.71	cps
Scandium	45-1	3896876	3856334	3832704	3861971	0.84	cps
Scandium	45-2	37804	37661	36290	37252	2.24	cps
Selenium	77-2	307	253	283	281	9.51	cps
Selenium	78-2	991	874	976	947	6.71	cps
Selenium	82-1	37894	38009	37730	37878	0.37	cps
Silicon	28-1	1388400	1383386	1393920	1388568	0.38	cps
Silver	109-1	2655970	2686211	2708510	2683564	0.98	cps
Silver	107-1	2880471	2849657	2900105	2876744	0.88	cps
Sodium	23-2	2474373	2470837	2442656	2462622	0.71	cps
Strontium	86-1	737948	733315	731476	734246	0.45	cps
Strontium	88-1	6257046	6141902	6175351	6191433	0.96	cps
Sulfur	34-1	573146	565748	561726	566873	1.02	cps
Terbium	159-1	6757048	6689886	6776727	6741220	0.68	cps
Terbium	159-2	1747481	1741351	1714967	1734600	1.00	cps
Thallium	203-1	1458713	1445109	1469510	1457778	0.84	cps
Thallium	205-1	3499419	3442281	3521703	3487801	1.17	cps
Tin	118-1	1795994	1777173	1785071	1786079	0.53	cps
Titanium	47-1	313294	310206	307196	310232	0.98	cps
Uranium	238-1	4288077	4270851	4238551	4265826	0.59	cps
Vanadium	51-2	212391	213258	211535	212395	0.41	cps
Yttrium	89-1	6879120	6824930	6769727	6824592	0.80	cps
Yttrium	89-2	250589	249493	249259	249780	0.28	cps
Zinc	66-2	101790	102908	101337	102012	0.79	cps
Zirconium	90-1	3735372	3699365	3666676	3700471	0.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:28:41	DataFile Name :	008CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	824595	811081	804875	813517	1.24	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75065	74721	76363	75383	1.15	cps
Antimony	121-1	5147904	5174647	5187428	5169993	0.39	cps
Arsenic	75-2	70486	70315	70821	70540	0.36	cps
Barium	135-1	5020319	5097634	5071458	5063137	0.78	cps
Barium	137-1	8659063	8707321	8739848	8702078	0.47	cps
Beryllium	9-1	653185	658069	653954	655069	0.40	cps
Bismuth	209-1	3711957	3802526	3811380	3775288	1.46	cps
Bismuth	209-2	1304852	1304865	1309983	1306567	0.23	cps
Boron	11-1	356653	366448	367092	363397	1.61	cps
Boron	10-1	75616	79319	78967	77968	2.62	cps
Cadmium	106-1	120409	118190	118753	119117	0.97	cps
Cadmium	108-1	81826	82233	80363	81474	1.21	cps
Cadmium	111-1	1163040	1162842	1169019	1164967	0.30	cps
Calcium	43-1	1206392	1196500	1194306	1199066	0.54	cps
Calcium	44-1	19439693	19563444	19378144	19460427	0.48	cps
Chromium	52-2	570262	567812	565837	567971	0.39	cps
Cobalt	59-2	1187154	1179239	1175701	1180698	0.50	cps
Copper	63-2	2064324	2042798	2044595	2050572	0.58	cps
Dysprosium	156-1	67	108	75	83	26.46	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	92	42	92	75	38.49	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	6623666	6673045	6705847	6667519	0.62	cps
Holmium	165-2	1772719	1768873	1782324	1774639	0.39	cps
Indium	115-1	6098249	6154187	6144646	6132361	0.49	cps
Indium	115-2	315373	319836	316261	317157	0.74	cps
Iron	56-2	19402009	19250982	19342402	19331798	0.39	cps
Iron	57-2	480094	481152	485042	482096	0.54	cps
Lead	206-1	2464596	2534371	2505874	2501614	1.40	cps
Lead	207-1	2275009	2284013	2298151	2285724	0.51	cps
Lead	208-1	10087492	10333434	10285657	10235528	1.27	cps
Lithium	6-1	687213	689236	687268	687906	0.17	cps
Magnesium	24-2	1926838	1951347	1929052	1935745	0.70	cps
Manganese	55-2	327650	327147	326840	327212	0.13	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3677889	3700344	3711377	3696537	0.46	cps
Molybdenum	94-1	4026420	4043088	4015602	4028370	0.34	cps
Molybdenum	95-1	2342262	2374546	2329427	2348745	0.99	cps
Molybdenum	96-1	2928283	2943746	2928849	2933626	0.30	cps
Molybdenum	97-1	1446612	1447091	1440354	1444685	0.26	cps
Neodymium	150-1	147	187	180	171	12.53	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	348011	343301	343465	344925	0.78	cps
Phosphorus	31-2	6402	6302	6068	6257	2.74	cps
Potassium	39-2	606503	597566	602674	602248	0.74	cps
Rhodium	103-1	5830296	5833368	5757035	5806899	0.74	cps
Rhodium	103-2	1680628	1686486	1666631	1677915	0.61	cps
Scandium	45-1	3856687	3800968	3832620	3830092	0.73	cps
Scandium	45-2	35923	36150	35662	35912	0.68	cps
Selenium	77-2	440	490	423	451	7.69	cps
Selenium	78-2	1919	1828	1654	1800	7.48	cps
Selenium	82-1	75404	75296	75117	75273	0.19	cps
Silicon	28-1	2256769	2251906	2241456	2250044	0.35	cps
Silver	109-1	5353432	5285729	5373096	5337419	0.86	cps
Silver	107-1	5655286	5634601	5678340	5656075	0.39	cps
Sodium	23-2	4676933	4637000	4665232	4659722	0.44	cps
Strontium	86-1	1489882	1486952	1499826	1492220	0.45	cps
Strontium	88-1	12492334	12652605	12561009	12568649	0.64	cps
Sulfur	34-1	712866	710673	710014	711184	0.21	cps
Terbium	159-1	7018863	7109631	7079267	7069254	0.65	cps
Terbium	159-2	1772118	1759675	1773179	1768324	0.42	cps
Thallium	203-1	3149715	3175424	3171395	3165511	0.44	cps
Thallium	205-1	7214855	7343928	7354085	7304289	1.06	cps
Tin	118-1	3571423	3612121	3599280	3594274	0.58	cps
Titanium	47-1	610883	616792	613883	613853	0.48	cps
Uranium	238-1	8825689	9020618	9000713	8949007	1.20	cps
Vanadium	51-2	417268	412789	411535	413864	0.73	cps
Yttrium	89-1	6837699	6958821	6929996	6908839	0.92	cps
Yttrium	89-2	243241	242371	240918	242177	0.48	cps
Zinc	66-2	195933	194513	194043	194830	0.50	cps
Zirconium	90-1	7406035	7485599	7453202	7448279	0.54	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:31:59	DataFile Name :	009CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1675584	1685630	1666530	1675915	0.57	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:35:13 DataFile Name : 010CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143409	144806	143552	143922	0.53	cps
Antimony	121-1	10392284	10548918	10378292	10439831	0.91	cps
Arsenic	75-2	138087	137758	137217	137688	0.32	cps
Barium	135-1	10284511	10231982	10248607	10255033	0.26	cps
Barium	137-1	17832947	17850282	17896219	17859816	0.18	cps
Beryllium	9-1	1316257	1309575	1302599	1309477	0.52	cps
Bismuth	209-1	3921932	4007651	3903629	3944404	1.41	cps
Bismuth	209-2	1312519	1326467	1250850	1296612	3.10	cps
Boron	11-1	720561	725865	729968	725465	0.65	cps
Boron	10-1	153851	158068	157412	156444	1.45	cps
Cadmium	106-1	237283	238120	235761	237054	0.50	cps
Cadmium	108-1	163523	163199	162646	163123	0.27	cps
Cadmium	111-1	2386217	2355570	2370958	2370915	0.65	cps
Calcium	43-1	2398094	2371594	2389600	2386429	0.57	cps
Calcium	44-1	38268614	38584183	38222985	38358594	0.51	cps
Chromium	52-2	1105076	1111385	1093890	1103450	0.80	cps
Cobalt	59-2	2310455	2343544	2346469	2333489	0.86	cps
Copper	63-2	3884460	3919938	3912354	3905584	0.48	cps
Dysprosium	156-1	100	200	150	150	33.33	cps
Dysprosium	156-2	20	40	27	29	35.25	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	50	50	30	43	26.65	cps
Holmium	165-1	6963827	6937171	6848138	6916379	0.88	cps
Holmium	165-2	1793842	1797494	1706044	1765793	2.93	cps
Indium	115-1	6169681	6158355	6111068	6146368	0.51	cps
Indium	115-2	303008	306369	288685	299354	3.14	cps
Iron	56-2	37374662	37630438	37264172	37423091	0.50	cps
Iron	57-2	930893	941751	931956	934867	0.64	cps
Lead	206-1	5091010	5162395	5158649	5137351	0.78	cps
Lead	207-1	4624073	4701177	4688706	4671319	0.89	cps
Lead	208-1	20681983	20895044	21001063	20859363	0.78	cps
Lithium	6-1	682129	686708	679750	682862	0.52	cps
Magnesium	24-2	3654329	3709728	3699406	3687821	0.80	cps
Manganese	55-2	630398	630707	626396	629167	0.38	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:35:13	DataFile Name :	010CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7366367	7398491	7400010	7388289	0.26	cps
Molybdenum	94-1	8072527	8124564	7975444	8057512	0.94	cps
Molybdenum	95-1	4606639	4645980	4615298	4622639	0.45	cps
Molybdenum	96-1	5801042	5897654	5818317	5839005	0.88	cps
Molybdenum	97-1	2893238	2919917	2878473	2897209	0.73	cps
Neodymium	150-1	367	373	333	358	5.99	cps
Neodymium	150-2	17	30	17	21	36.45	cps
Nickel	60-2	662358	668617	668383	666453	0.53	cps
Phosphorus	31-2	12014	12239	11805	12020	1.81	cps
Potassium	39-2	1154893	1156337	1154649	1155293	0.08	cps
Rhodium	103-1	5777009	5777305	5831064	5795126	0.54	cps
Rhodium	103-2	1645771	1654239	1580039	1626683	2.50	cps
Scandium	45-1	3806934	3822061	3744447	3791147	1.09	cps
Scandium	45-2	35632	35127	33417	34725	3.34	cps
Selenium	77-2	907	1007	1040	985	7.05	cps
Selenium	78-2	3263	3463	3400	3376	3.03	cps
Selenium	82-1	148601	150670	148249	149173	0.88	cps
Silicon	28-1	3842712	3874236	3855036	3857328	0.41	cps
Silver	109-1	10612468	10599266	10611310	10607681	0.07	cps
Silver	107-1	11198657	11407449	11291623	11299243	0.93	cps
Sodium	23-2	8949725	8967491	8917257	8944824	0.28	cps
Strontium	86-1	2948307	2972817	2930909	2950677	0.71	cps
Strontium	88-1	25090847	25390992	24793048	25091629	1.19	cps
Sulfur	34-1	884272	900858	878607	887912	1.30	cps
Terbium	159-1	7368408	7359339	7203611	7310453	1.27	cps
Terbium	159-2	1750896	1766877	1652630	1723467	3.59	cps
Thallium	203-1	6373194	6511072	6423304	6435856	1.08	cps
Thallium	205-1	14898847	15095681	15008855	15001128	0.66	cps
Tin	118-1	7214673	7224774	7195716	7211721	0.20	cps
Titanium	47-1	1215300	1232135	1212394	1219943	0.87	cps
Uranium	238-1	18809197	18897405	18912698	18873100	0.30	cps
Vanadium	51-2	806526	810010	806535	807690	0.25	cps
Yttrium	89-1	7042184	6966859	6918277	6975773	0.89	cps
Yttrium	89-2	234315	240507	225993	233605	3.12	cps
Zinc	66-2	377158	381115	375303	377859	0.79	cps
Zirconium	90-1	15240364	15469546	15135473	15281794	1.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:35:13	DataFile Name :	010CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3390428	3442985	3347211	3393541	1.41	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755749	769576	768768	764698	1.01	cps
Antimony	121-1	26277	26569	26594	26480	0.67	cps
Arsenic	75-2	109	102	115	109	5.99	cps
Barium	135-1	5385	5718	5393	5499	3.46	cps
Barium	137-1	9462	8895	9162	9173	3.09	cps
Beryllium	9-1	539	422	572	511	15.41	cps
Bismuth	209-1	3701829	3628322	3627965	3652705	1.16	cps
Bismuth	209-2	1202371	1165542	1191910	1186608	1.60	cps
Boron	11-1	27226	24455	23295	24992	8.08	cps
Boron	10-1	5676	5551	4876	5368	8.02	cps
Cadmium	106-1	1625	1617	1517	1586	3.80	cps
Cadmium	108-1	92	88	54	78	26.42	cps
Cadmium	111-1	1978	1829	1907	1905	3.91	cps
Calcium	43-1	11982960	12118880	11960748	12020863	0.71	cps
Calcium	44-1	197871034	197298559	197309546	197493046	0.17	cps
Chromium	52-2	35037	35111	35983	35377	1.49	cps
Cobalt	59-2	3997	4141	4184	4107	2.38	cps
Copper	63-2	8953	8906	8960	8940	0.33	cps
Dysprosium	156-1	158	200	142	167	18.03	cps
Dysprosium	156-2	13	33	30	26	41.94	cps
Erbium	164-1	92	75	92	86	11.18	cps
Erbium	164-2	3	7	23	11	96.43	cps
Gadolinium	160-1	150	133	83	122	28.39	cps
Gadolinium	160-2	23	37	43	34	29.57	cps
Holmium	165-1	6810246	6737769	6707995	6752003	0.78	cps
Holmium	165-2	1778788	1705614	1751230	1745211	2.12	cps
Indium	115-1	6091545	6084983	6030041	6068856	0.56	cps
Indium	115-2	320057	311136	322484	317892	1.88	cps
Iron	56-2	187880310	188749954	189674343	188768202	0.48	cps
Iron	57-2	4666090	4649682	4655688	4657154	0.18	cps
Lead	206-1	12351	12139	12679	12390	2.19	cps
Lead	207-1	10788	10516	10321	10542	2.23	cps
Lead	208-1	48854	48894	48020	48590	1.02	cps
Lithium	6-1	653465	655761	652621	653949	0.25	cps
Magnesium	24-2	18898371	19063770	19212784	19058308	0.83	cps
Manganese	55-2	3400	3604	3761	3588	5.03	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CAL5_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	38363	38907	38923	38731	0.82	cps
Molybdenum	94-1	18814	18338	18038	18396	2.13	cps
Molybdenum	95-1	24014	24014	23897	23975	0.28	cps
Molybdenum	96-1	28556	29040	29901	29166	2.33	cps
Molybdenum	97-1	15293	14558	14759	14870	2.55	cps
Neodymium	150-1	167	120	107	131	24.03	cps
Neodymium	150-2	20	37	13	23	51.52	cps
Nickel	60-2	11575	11635	11795	11668	0.98	cps
Phosphorus	31-2	17	33	8	19	65.47	cps
Potassium	39-2	5996542	6105257	6157926	6086575	1.35	cps
Rhodium	103-1	5569570	5498929	5558657	5542385	0.69	cps
Rhodium	103-2	1614311	1570685	1621467	1602154	1.72	cps
Scandium	45-1	3777599	3809285	3785765	3790883	0.43	cps
Scandium	45-2	35294	35031	35852	35392	1.19	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	6	181	41	76	121.55	cps
Silicon	28-1	520041	520619	518585	519749	0.20	cps
Silver	109-1	3517	3184	3192	3298	5.77	cps
Silver	107-1	3292	3309	3317	3306	0.38	cps
Sodium	23-2	45717367	46134066	46285010	46045481	0.64	cps
Strontium	86-1	106320	102617	104397	104445	1.77	cps
Strontium	88-1	885225	892408	882654	886762	0.57	cps
Sulfur	34-1	372129	369402	377433	372988	1.09	cps
Terbium	159-1	7120523	7072085	7015565	7069391	0.74	cps
Terbium	159-2	1730437	1674185	1739007	1714543	2.05	cps
Thallium	203-1	5852	5618	5435	5635	3.71	cps
Thallium	205-1	13349	13049	11706	12701	6.89	cps
Tin	118-1	14492	14041	13232	13922	4.58	cps
Titanium	47-1	2100	2067	2375	2181	7.76	cps
Uranium	238-1	15201	15394	15101	15232	0.97	cps
Vanadium	51-2	717	667	707	697	3.80	cps
Yttrium	89-1	6938188	6919684	6849582	6902485	0.68	cps
Yttrium	89-2	246637	240244	251845	246242	2.36	cps
Zinc	66-2	3571	3357	3547	3492	3.35	cps
Zirconium	90-1	12548	12164	12640	12451	2.03	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:38:20	DataFile Name :	011CALS_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3017	2717	2825	2853	5.33	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3934	4159	3909	4001	3.44	cps
Antimony	121-1	2003883	2038254	2021070	2021069	0.85	cps
Arsenic	75-2	28921	29108	28797	28942	0.54	cps
Barium	135-1	199785	200489	198206	199493	0.59	cps
Barium	137-1	341796	349024	347644	346155	1.11	cps
Beryllium	9-1	130313	129123	128401	129279	0.75	cps
Bismuth	209-1	3734894	3747537	3717223	3733218	0.41	cps
Bismuth	209-2	1312097	1312291	1301035	1308474	0.49	cps
Boron	11-1	333265	342313	346010	340530	1.93	cps
Boron	10-1	72266	74694	73933	73631	1.69	cps
Cadmium	106-1	35556	34879	34195	34877	1.95	cps
Cadmium	108-1	19356	19744	19515	19538	1.00	cps
Cadmium	111-1	238213	235280	233067	235520	1.10	cps
Calcium	43-1	55210	56030	55536	55592	0.74	cps
Calcium	44-1	912898	904915	897901	905238	0.83	cps
Chromium	52-2	116937	115622	116470	116343	0.57	cps
Cobalt	59-2	248893	245939	246591	247141	0.63	cps
Copper	63-2	213082	212251	211156	212163	0.46	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	75	33	53	39.73	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	33	117	50	67	66.14	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	6482829	6430530	6334128	6415829	1.18	cps
Holmium	165-2	1822870	1794682	1756968	1791506	1.85	cps
Indium	115-1	6180485	6240776	6075070	6165444	1.36	cps
Indium	115-2	334631	331944	335869	334148	0.60	cps
Iron	56-2	806733	804192	801363	804096	0.33	cps
Iron	57-2	20688	20032	20087	20269	1.80	cps
Lead	206-1	972548	974166	966048	970921	0.44	cps
Lead	207-1	841299	841215	843500	842004	0.15	cps
Lead	208-1	3916578	3914578	3928790	3919982	0.20	cps
Lithium	6-1	699895	697357	682573	693275	1.35	cps
Magnesium	24-2	47731	46836	48425	47664	1.67	cps
Manganese	55-2	34162	33858	34199	34073	0.55	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3402624	3440013	3430741	3424460	0.57	cps
Molybdenum	94-1	3839680	3850089	3835605	3841791	0.19	cps
Molybdenum	95-1	2143313	2185802	2160804	2163307	0.99	cps
Molybdenum	96-1	2735664	2691682	2717249	2714865	0.81	cps
Molybdenum	97-1	1312919	1314925	1307637	1311827	0.29	cps
Neodymium	150-1	13	20	47	27	66.16	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	72313	73054	72518	72628	0.53	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	55426	53695	55853	54992	2.08	cps
Rhodium	103-1	5992791	6057064	5864869	5971575	1.64	cps
Rhodium	103-2	1814030	1772673	1781697	1789467	1.22	cps
Scandium	45-1	3973976	3955419	3930627	3953341	0.55	cps
Scandium	45-2	38449	38483	38937	38623	0.71	cps
Selenium	77-2	200	260	163	208	23.49	cps
Selenium	78-2	761	837	744	781	6.32	cps
Selenium	82-1	29755	30017	29995	29922	0.48	cps
Silicon	28-1	2073539	2057551	2070959	2067350	0.42	cps
Silver	109-1	1055746	1069198	1055593	1060179	0.74	cps
Silver	107-1	1126096	1131392	1128472	1128653	0.24	cps
Sodium	23-2	213495	212200	210043	211913	0.82	cps
Strontium	86-1	1383883	1394788	1419881	1399518	1.32	cps
Strontium	88-1	11828667	11895251	11700084	11808000	0.84	cps
Sulfur	34-1	371651	370939	372229	371607	0.17	cps
Terbium	159-1	6864208	6880514	6759066	6834596	0.96	cps
Terbium	159-2	1776597	1754434	1744278	1758436	0.94	cps
Thallium	203-1	1213654	1208808	1214872	1212445	0.26	cps
Thallium	205-1	2935701	2928553	2910549	2924934	0.44	cps
Tin	118-1	3327773	3359373	3329310	3338819	0.53	cps
Titanium	47-1	579850	577297	581322	579490	0.35	cps
Uranium	238-1	8347591	8396070	8330205	8357955	0.41	cps
Vanadium	51-2	85023	83922	84875	84607	0.71	cps
Yttrium	89-1	6992292	7021965	6767645	6927301	2.01	cps
Yttrium	89-2	256383	255411	256063	255952	0.19	cps
Zinc	66-2	41656	41666	42291	41871	0.87	cps
Zirconium	90-1	7251686	7278672	7235558	7255305	0.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:41:42	DataFile Name :	012ICV_P8072517-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1628547	1617174	1603383	1616368	0.78	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:44:47 DataFile Name : 013CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	42	36	26.65	cps
Antimony	121-1	983	892	1083	986	9.72	cps
Arsenic	75-2	7	13	11	10	26.93	cps
Barium	135-1	50	50	50	50	0.00	cps
Barium	137-1	92	58	83	78	22.30	cps
Beryllium	9-1	122	94	83	100	20.03	cps
Bismuth	209-1	3677104	3690759	3644873	3670912	0.64	cps
Bismuth	209-2	1288195	1263553	1214489	1255413	2.99	cps
Boron	11-1	16944	16068	15150	16054	5.59	cps
Boron	10-1	3409	3409	3284	3367	2.14	cps
Cadmium	106-1	1375	1483	1484	1447	4.32	cps
Cadmium	108-1	4	0	17	7	124.88	cps
Cadmium	111-1	976	1047	1043	1022	3.89	cps
Calcium	43-1	3709	3659	3526	3631	2.61	cps
Calcium	44-1	68953	69472	67095	68507	1.82	cps
Chromium	52-2	1050	1047	987	1028	3.47	cps
Cobalt	59-2	37	50	47	44	15.61	cps
Copper	63-2	307	320	317	314	2.21	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	67	108	72	46.63	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	6442999	6442548	6282160	6389236	1.45	cps
Holmium	165-2	1762177	1730467	1678202	1723616	2.46	cps
Indium	115-1	6167211	6274768	6134820	6192266	1.18	cps
Indium	115-2	338127	336000	321565	331898	2.72	cps
Iron	56-2	3978	3706	3695	3793	4.23	cps
Iron	57-2	89	78	133	100	29.40	cps
Lead	206-1	756	706	717	726	3.62	cps
Lead	207-1	822	817	678	772	10.60	cps
Lead	208-1	3406	3289	3000	3232	6.46	cps
Lithium	6-1	679773	678724	680611	679703	0.14	cps
Magnesium	24-2	167	125	117	136	19.68	cps
Manganese	55-2	100	57	53	70	37.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:44:47	DataFile Name :	013CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	225	208	158	197	17.59	cps
Molybdenum	94-1	458	258	400	372	27.63	cps
Molybdenum	95-1	133	167	150	150	11.11	cps
Molybdenum	96-1	208	275	242	242	13.79	cps
Molybdenum	97-1	100	67	100	89	21.65	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	70	60	59	19.88	cps
Phosphorus	31-2	33	8	17	19	65.48	cps
Potassium	39-2	3892	4126	4034	4017	2.93	cps
Rhodium	103-1	5924668	5991562	5938756	5951662	0.59	cps
Rhodium	103-2	1784368	1774529	1687259	1748719	3.06	cps
Scandium	45-1	3916006	3885635	3874915	3892185	0.55	cps
Scandium	45-2	37503	37477	36103	37028	2.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	-34	-193	-28	-85	-110.69	cps
Silicon	28-1	425895	418140	413999	419345	1.44	cps
Silver	109-1	300	308	367	325	11.18	cps
Silver	107-1	258	308	442	336	28.20	cps
Sodium	23-2	9012	9128	9095	9078	0.66	cps
Strontium	86-1	1475	1342	1659	1492	10.66	cps
Strontium	88-1	358	375	383	372	3.42	cps
Sulfur	34-1	361556	361629	358578	360588	0.48	cps
Terbium	159-1	6767864	6668168	6811952	6749328	1.09	cps
Terbium	159-2	1745264	1705091	1648041	1699465	2.87	cps
Thallium	203-1	267	292	275	278	4.58	cps
Thallium	205-1	792	942	783	839	10.62	cps
Tin	118-1	1859	1775	1759	1797	2.98	cps
Titanium	47-1	150	175	192	172	12.18	cps
Uranium	238-1	117	108	208	144	38.41	cps
Vanadium	51-2	27	20	10	19	44.42	cps
Yttrium	89-1	6767202	6789012	6863672	6806628	0.74	cps
Yttrium	89-2	255873	254763	241615	250751	3.16	cps
Zinc	66-2	60	87	87	78	19.80	cps
Zirconium	90-1	708	700	908	772	15.27	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:44:47	DataFile Name :	013CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	117	142	156	30.46	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:47:57 DataFile Name : 014ICSA_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700665	708977	697210	702284	0.86	cps
Antimony	121-1	12540	12106	12064	12237	2.15	cps
Arsenic	75-2	59	63	37	53	26.41	cps
Barium	135-1	2934	2842	3134	2970	5.02	cps
Barium	137-1	4901	5160	4809	4957	3.66	cps
Beryllium	9-1	439	394	322	385	15.29	cps
Bismuth	209-1	3507523	3456847	3451032	3471800	0.90	cps
Bismuth	209-2	1220138	1137035	1215869	1191014	3.93	cps
Boron	11-1	11513	11672	10571	11252	5.29	cps
Boron	10-1	2409	2625	2300	2445	6.77	cps
Cadmium	106-1	1442	1358	1342	1381	3.88	cps
Cadmium	108-1	1050	1004	1108	1054	4.95	cps
Cadmium	111-1	1541	1640	1480	1554	5.18	cps
Calcium	43-1	2276725	2304852	2269174	2283583	0.82	cps
Calcium	44-1	37109400	37087323	37131560	37109428	0.06	cps
Chromium	52-2	22789	23310	22618	22906	1.57	cps
Cobalt	59-2	2587	2730	2387	2568	6.72	cps
Copper	63-2	15722	15472	16056	15750	1.86	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	158	117	42	106	56.01	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	6412400	6359033	6384995	6385476	0.42	cps
Holmium	165-2	1754960	1608610	1738095	1700555	4.71	cps
Indium	115-1	5968318	6020394	6056730	6015148	0.74	cps
Indium	115-2	324728	299958	319464	314717	4.15	cps
Iron	56-2	74174032	74782991	73208327	74055116	1.07	cps
Iron	57-2	1876638	1860518	1876104	1871087	0.49	cps
Lead	206-1	22376	22136	21074	21862	3.17	cps
Lead	207-1	17674	17012	16917	17201	2.40	cps
Lead	208-1	83464	81832	80067	81787	2.08	cps
Lithium	6-1	660377	658939	657392	658903	0.23	cps
Magnesium	24-2	3673536	3699383	3663792	3678903	0.50	cps
Manganese	55-2	2627	2680	2734	2680	1.99	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:47:57	DataFile Name :	014ICSA_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13393373	13315701	13417367	13375481	0.40	cps
Molybdenum	94-1	4807551	4771955	4770074	4783193	0.44	cps
Molybdenum	95-1	8306529	8392122	8315438	8338030	0.56	cps
Molybdenum	96-1	8796162	8912339	8942124	8883542	0.87	cps
Molybdenum	97-1	5191732	5222158	5222139	5212010	0.34	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3794	3864	3631	3763	3.18	cps
Phosphorus	31-2	58998	60053	58656	59236	1.23	cps
Potassium	39-2	2417126	2429620	2377629	2408125	1.13	cps
Rhodium	103-1	5586268	5611443	5660349	5619353	0.67	cps
Rhodium	103-2	1685153	1539846	1650666	1625222	4.67	cps
Scandium	45-1	3841906	3852685	3874941	3856511	0.44	cps
Scandium	45-2	37069	33861	36046	35659	4.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-60	-25	-26	-37	-53.85	cps
Silicon	28-1	526961	526528	528249	527246	0.17	cps
Silver	109-1	2017	1950	1967	1978	1.75	cps
Silver	107-1	1959	2025	1984	1989	1.69	cps
Sodium	23-2	9040813	9076845	9036662	9051440	0.24	cps
Strontium	86-1	96449	96246	96885	96527	0.34	cps
Strontium	88-1	821964	820795	825838	822866	0.32	cps
Sulfur	34-1	2731120	2719228	2720840	2723729	0.24	cps
Terbium	159-1	6888910	6710151	6763449	6787503	1.35	cps
Terbium	159-2	1717216	1575601	1687888	1660235	4.50	cps
Thallium	203-1	783	1050	933	922	14.50	cps
Thallium	205-1	2025	2442	2534	2334	11.61	cps
Tin	118-1	3301	3184	3292	3259	2.00	cps
Titanium	47-1	2315272	2326622	2324882	2322259	0.26	cps
Uranium	238-1	433	317	408	386	15.91	cps
Vanadium	51-2	167	140	110	139	20.41	cps
Yttrium	89-1	6784694	6790804	6834711	6803403	0.40	cps
Yttrium	89-2	251835	231544	248179	243853	4.44	cps
Zinc	66-2	2350	2207	2230	2262	3.40	cps
Zirconium	90-1	6927	6410	6202	6513	5.73	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:47:57	DataFile Name :	014ICSA_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1717	1375	1217	1436	17.79	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 12:51:03 DataFile Name : 015ICSB_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	702900	704358	700680	702646	0.26	cps
Antimony	121-1	204136	207014	203487	204879	0.92	cps
Arsenic	75-2	2771	2748	2735	2752	0.65	cps
Barium	135-1	41207	41240	41357	41268	0.19	cps
Barium	137-1	73111	72734	72491	72779	0.43	cps
Beryllium	9-1	25022	24833	25584	25147	1.55	cps
Bismuth	209-1	3487338	3483728	3538182	3503083	0.87	cps
Bismuth	209-2	1142494	1185984	1190907	1173128	2.27	cps
Boron	11-1	41954	43350	42698	42667	1.64	cps
Boron	10-1	9203	8995	9036	9078	1.22	cps
Cadmium	106-1	6210	6560	6619	6463	3.42	cps
Cadmium	108-1	4088	3946	4493	4176	6.79	cps
Cadmium	111-1	45023	44497	44377	44632	0.77	cps
Calcium	43-1	2301648	2326971	2288690	2305770	0.84	cps
Calcium	44-1	37307811	37523250	37019314	37283458	0.68	cps
Chromium	52-2	45858	45725	44976	45519	1.05	cps
Cobalt	59-2	49615	50170	49832	49872	0.56	cps
Copper	63-2	57294	55584	56662	56513	1.53	cps
Dysprosium	156-1	33	50	58	47	26.97	cps
Dysprosium	156-2	20	20	13	18	21.66	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	125	75	92	97	26.19	cps
Gadolinium	160-2	17	30	20	22	31.22	cps
Holmium	165-1	6347126	6406871	6311041	6355013	0.76	cps
Holmium	165-2	1668421	1703190	1730632	1700748	1.83	cps
Indium	115-1	6040765	6012936	6127136	6060279	0.98	cps
Indium	115-2	307265	316625	322032	315307	2.37	cps
Iron	56-2	74586671	74554593	74412038	74517767	0.12	cps
Iron	57-2	1882138	1907669	1891364	1893724	0.68	cps
Lead	206-1	113413	113004	114164	113527	0.52	cps
Lead	207-1	94561	94572	95737	94957	0.71	cps
Lead	208-1	438174	435090	446861	440041	1.39	cps
Lithium	6-1	650232	652978	659632	654281	0.74	cps
Magnesium	24-2	3713242	3684307	3685737	3694429	0.44	cps
Manganese	55-2	8956	9297	9100	9118	1.87	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:51:03	DataFile Name :	015ICSB_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13647229	13787445	13732663	13722446	0.51	cps
Molybdenum	94-1	5212971	5137020	5162331	5170774	0.75	cps
Molybdenum	95-1	8622942	8521769	8534047	8559586	0.65	cps
Molybdenum	96-1	9218806	9092563	9232917	9181429	0.84	cps
Molybdenum	97-1	5366380	5357240	5373411	5365677	0.15	cps
Neodymium	150-1	47	20	7	24	83.31	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	17147	17495	17274	17305	1.02	cps
Phosphorus	31-2	60379	59099	58572	59350	1.57	cps
Potassium	39-2	2437941	2400594	2425430	2421322	0.79	cps
Rhodium	103-1	5531660	5681910	5635092	5616220	1.37	cps
Rhodium	103-2	1628596	1656288	1635287	1640057	0.88	cps
Scandium	45-1	3874511	3864365	3807743	3848873	0.93	cps
Scandium	45-2	34793	36250	36812	35952	2.90	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	57	56	89	67	27.84	cps
Selenium	82-1	2675	2679	2690	2681	0.29	cps
Silicon	28-1	750831	777671	747344	758615	2.19	cps
Silver	109-1	190153	187760	189112	189008	0.63	cps
Silver	107-1	202238	200392	198179	200270	1.01	cps
Sodium	23-2	9219753	9131200	9060736	9137230	0.87	cps
Strontium	86-1	235347	235387	237321	236018	0.48	cps
Strontium	88-1	2033615	2036412	2058083	2042704	0.66	cps
Sulfur	34-1	2705894	2708080	2685976	2699983	0.45	cps
Terbium	159-1	6783616	6836003	6744942	6788187	0.67	cps
Terbium	159-2	1634115	1695231	1690081	1673142	2.03	cps
Thallium	203-1	114042	113975	114437	114152	0.22	cps
Thallium	205-1	272504	270608	270510	271207	0.41	cps
Tin	118-1	329425	334193	329036	330884	0.87	cps
Titanium	47-1	2360690	2391656	2344374	2365573	1.02	cps
Uranium	238-1	787195	780402	786028	784542	0.46	cps
Vanadium	51-2	16617	16413	16069	16366	1.69	cps
Yttrium	89-1	6812613	6781311	6868722	6820882	0.65	cps
Yttrium	89-2	236632	243262	247051	242315	2.18	cps
Zinc	66-2	6041	6001	6211	6085	1.83	cps
Zirconium	90-1	758699	758320	749666	755561	0.68	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:51:03	DataFile Name :	015ICSB_P8072517-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	165563	166751	164331	165548	0.73	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395436	385385	391060	390627	1.29	cps
Antimony	121-1	4946066	4903284	4894262	4914537	0.56	cps
Arsenic	75-2	70462	69771	69711	69981	0.60	cps
Barium	135-1	4882947	4840726	4891570	4871748	0.56	cps
Barium	137-1	8369475	8270258	8333075	8324269	0.60	cps
Beryllium	9-1	620093	617153	616385	617877	0.32	cps
Bismuth	209-1	3509179	3489948	3502805	3500644	0.28	cps
Bismuth	209-2	1211826	1214117	1216001	1213981	0.17	cps
Boron	11-1	345258	348165	355324	349582	1.48	cps
Boron	10-1	75558	76429	75465	75817	0.70	cps
Cadmium	106-1	111316	110232	110762	110770	0.49	cps
Cadmium	108-1	76507	76734	76310	76517	0.28	cps
Cadmium	111-1	1097026	1083097	1094020	1091381	0.67	cps
Calcium	43-1	5881150	5841959	5901842	5874984	0.52	cps
Calcium	44-1	96914673	96124700	96152677	96397350	0.46	cps
Chromium	52-2	584953	584484	578514	582650	0.62	cps
Cobalt	59-2	1170356	1154894	1156044	1160431	0.74	cps
Copper	63-2	1989014	1973878	1968065	1976986	0.55	cps
Dysprosium	156-1	100	108	83	97	13.09	cps
Dysprosium	156-2	27	10	20	19	44.42	cps
Erbium	164-1	117	50	75	81	41.81	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	75	125	83	94	28.37	cps
Gadolinium	160-2	17	33	30	27	33.06	cps
Holmium	165-1	6527990	6508197	6466417	6500868	0.48	cps
Holmium	165-2	1764294	1776790	1740343	1760475	1.05	cps
Indium	115-1	6104867	5984495	6040793	6043385	1.00	cps
Indium	115-2	322238	323751	320479	322156	0.51	cps
Iron	56-2	94116666	92799913	92643080	93186553	0.87	cps
Iron	57-2	2393443	2319291	2335475	2349403	1.66	cps
Lead	206-1	2308377	2254219	2315442	2292679	1.46	cps
Lead	207-1	2061912	2049826	2070585	2060774	0.51	cps
Lead	208-1	9313360	9204136	9340278	9285925	0.78	cps
Lithium	6-1	655916	653509	656803	655409	0.26	cps
Magnesium	24-2	9514561	9392322	9450330	9452404	0.65	cps
Manganese	55-2	332814	331546	331221	331860	0.25	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3679128	3623359	3611560	3638016	0.99	cps
Molybdenum	94-1	3973813	3933002	3935253	3947356	0.58	cps
Molybdenum	95-1	2271328	2302220	2282565	2285371	0.68	cps
Molybdenum	96-1	2878731	2860297	2837846	2858958	0.72	cps
Molybdenum	97-1	1450447	1420958	1409739	1427048	1.47	cps
Neodymium	150-1	213	240	187	213	12.50	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	340866	339514	335528	338636	0.82	cps
Phosphorus	31-2	6302	6627	6460	6463	2.52	cps
Potassium	39-2	3097882	3067713	3085650	3083748	0.49	cps
Rhodium	103-1	5755458	5593332	5642248	5663680	1.47	cps
Rhodium	103-2	1665546	1682802	1651251	1666533	0.95	cps
Scandium	45-1	3887008	3902548	3921669	3903742	0.44	cps
Scandium	45-2	37577	37326	37239	37381	0.47	cps
Selenium	77-2	517	570	463	517	10.32	cps
Selenium	78-2	1739	1796	1732	1756	2.02	cps
Selenium	82-1	72256	71908	72094	72086	0.24	cps
Silicon	28-1	2175974	2189082	2205100	2190052	0.67	cps
Silver	109-1	5031214	4954745	4975663	4987208	0.79	cps
Silver	107-1	5290176	5298858	5374653	5321229	0.87	cps
Sodium	23-2	23183131	23187824	23051753	23140902	0.33	cps
Strontium	86-1	1521512	1507423	1499025	1509320	0.75	cps
Strontium	88-1	12867732	12502587	12587576	12652631	1.51	cps
Sulfur	34-1	655937	665805	665904	662548	0.86	cps
Terbium	159-1	6923473	6816996	6852275	6864248	0.79	cps
Terbium	159-2	1734180	1731074	1747252	1737502	0.49	cps
Thallium	203-1	2905450	2890709	2921511	2905890	0.53	cps
Thallium	205-1	6770998	6729999	6774053	6758350	0.36	cps
Tin	118-1	3461367	3443612	3443528	3449502	0.30	cps
Titanium	47-1	605653	598060	600133	601282	0.65	cps
Uranium	238-1	8329032	8360676	8356008	8348572	0.20	cps
Vanadium	51-2	419833	420151	415949	418644	0.56	cps
Yttrium	89-1	7034763	6910481	6863219	6936154	1.28	cps
Yttrium	89-2	251899	251406	250403	251236	0.30	cps
Zinc	66-2	190701	190241	189215	190052	0.40	cps
Zirconium	90-1	7314538	7289719	7285384	7296547	0.22	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:54:07	DataFile Name :	016CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1657784	1645562	1651672	1651673	0.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	33	33	25.01	cps
Antimony	121-1	1383	1492	1400	1425	4.09	cps
Arsenic	75-2	6	13	15	11	44.06	cps
Barium	135-1	75	50	58	61	20.83	cps
Barium	137-1	100	83	142	108	27.73	cps
Beryllium	9-1	122	139	94	119	18.94	cps
Bismuth	209-1	3584247	3609436	3655680	3616454	1.00	cps
Bismuth	209-2	1283947	1261188	1264380	1269838	0.97	cps
Boron	11-1	11388	11580	10096	11021	7.33	cps
Boron	10-1	2692	2542	2159	2464	11.16	cps
Cadmium	106-1	1575	1525	1408	1503	5.69	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Cadmium	111-1	1106	1103	986	1065	6.47	cps
Calcium	43-1	4017	3517	3934	3823	7.01	cps
Calcium	44-1	72588	71030	70334	71318	1.62	cps
Chromium	52-2	1047	1103	1097	1082	2.86	cps
Cobalt	59-2	53	47	47	49	7.86	cps
Copper	63-2	450	467	360	426	13.48	cps
Dysprosium	156-1	17	42	0	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	58	83	42	61	34.32	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	6382120	6349913	6322563	6351532	0.47	cps
Holmium	165-2	1762877	1727060	1750164	1746700	1.04	cps
Indium	115-1	6194819	6292207	6166807	6217945	1.06	cps
Indium	115-2	338422	334741	338525	337229	0.64	cps
Iron	56-2	4229	4101	4395	4242	3.48	cps
Iron	57-2	89	144	89	107	29.86	cps
Lead	206-1	528	600	483	537	10.96	cps
Lead	207-1	594	528	428	517	16.24	cps
Lead	208-1	2384	2284	2106	2258	6.23	cps
Lithium	6-1	675958	672623	677468	675350	0.37	cps
Magnesium	24-2	150	92	117	119	24.50	cps
Manganese	55-2	80	53	53	62	24.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	217	317	350	294	23.57	cps
Molybdenum	94-1	708	517	542	589	17.69	cps
Molybdenum	95-1	183	208	142	178	18.94	cps
Molybdenum	96-1	425	358	383	389	8.66	cps
Molybdenum	97-1	117	167	200	161	26.03	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47	63	57	56	15.09	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	4501	4109	4384	4331	4.64	cps
Rhodium	103-1	5945605	5953693	5951379	5950225	0.07	cps
Rhodium	103-2	1795293	1783973	1765411	1781559	0.85	cps
Scandium	45-1	3940301	3894947	3902640	3912629	0.62	cps
Scandium	45-2	38373	37711	38175	38086	0.89	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	9	7	41.70	cps
Selenium	82-1	-146	-123	-105	-125	-16.42	cps
Silicon	28-1	416261	409683	409202	411715	0.96	cps
Silver	109-1	600	558	550	569	4.70	cps
Silver	107-1	533	558	542	544	2.34	cps
Sodium	23-2	11380	11355	11922	11552	2.77	cps
Strontium	86-1	1492	1383	1583	1486	6.74	cps
Strontium	88-1	475	492	592	519	12.15	cps
Sulfur	34-1	347963	346121	346650	346912	0.27	cps
Terbium	159-1	6781229	6720381	6713763	6738458	0.55	cps
Terbium	159-2	1747096	1715873	1719758	1727576	0.98	cps
Thallium	203-1	658	450	500	536	20.29	cps
Thallium	205-1	1200	1275	1183	1220	4.00	cps
Tin	118-1	1383	1567	1450	1467	6.33	cps
Titanium	47-1	258	208	208	225	12.83	cps
Uranium	238-1	58	117	108	94	33.40	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	6828322	6897219	6927384	6884308	0.74	cps
Yttrium	89-2	258135	254707	255189	256010	0.72	cps
Zinc	66-2	100	123	73	99	25.30	cps
Zirconium	90-1	1150	1058	1050	1086	5.11	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 12:57:06	DataFile Name :	017CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	308	300	292	7.56	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	167	133	22.54	cps
Antimony	121-1	18272	18472	18054	18266	1.14	cps
Arsenic	75-2	163	141	141	148	8.66	cps
Barium	135-1	17396	17312	16770	17159	1.98	cps
Barium	137-1	29801	29685	30361	29949	1.21	cps
Beryllium	9-1	1356	1122	1267	1248	9.44	cps
Bismuth	209-1	3488708	3554101	3457109	3499973	1.41	cps
Bismuth	209-2	1230519	1230705	1164090	1208438	3.18	cps
Boron	11-1	21584	21375	22143	21701	1.83	cps
Boron	10-1	4359	4601	4626	4529	3.25	cps
Cadmium	106-1	1425	1383	1500	1436	4.12	cps
Cadmium	108-1	129	138	142	136	4.68	cps
Cadmium	111-1	2941	2881	2901	2908	1.05	cps
Calcium	43-1	14667	14633	14350	14550	1.20	cps
Calcium	44-1	245222	245377	244168	244922	0.27	cps
Chromium	52-2	3327	3327	3500	3385	2.96	cps
Cobalt	59-2	2187	2170	2150	2169	0.85	cps
Copper	63-2	4621	4527	4801	4650	2.99	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6172122	6155941	6173355	6167139	0.16	cps
Holmium	165-2	1720270	1739849	1612451	1690857	4.06	cps
Indium	115-1	6185725	6109851	6120618	6138731	0.67	cps
Indium	115-2	338057	332124	316207	328796	3.44	cps
Iron	56-2	39635	40348	40158	40047	0.92	cps
Iron	57-2	911	1106	1011	1009	9.63	cps
Lead	206-1	6091	6074	5796	5987	2.76	cps
Lead	207-1	5485	5362	5379	5409	1.23	cps
Lead	208-1	24154	24093	22781	23676	3.28	cps
Lithium	6-1	662372	666670	666570	665204	0.37	cps
Magnesium	24-2	18112	17962	17770	17948	0.96	cps
Manganese	55-2	403	407	370	393	5.16	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	31320	31872	30786	31326	1.73	cps
Molybdenum	94-1	16352	15910	16444	16235	1.76	cps
Molybdenum	95-1	19991	18981	19849	19607	2.79	cps
Molybdenum	96-1	21960	21510	22895	22122	3.19	cps
Molybdenum	97-1	12748	12181	12598	12509	2.35	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	830	800	830	820	2.11	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	15484	15909	15401	15598	1.75	cps
Rhodium	103-1	5827849	5892624	5857611	5859361	0.55	cps
Rhodium	103-2	1785161	1779669	1644379	1736403	4.59	cps
Scandium	45-1	3894542	3872514	3910924	3892660	0.50	cps
Scandium	45-2	37527	37824	36558	37303	1.77	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	22	26	28	25	11.19	cps
Selenium	82-1	588	660	665	638	6.78	cps
Silicon	28-1	444244	480378	442214	455612	4.71	cps
Silver	109-1	12573	11664	11681	11973	4.34	cps
Silver	107-1	12698	12356	12348	12467	1.60	cps
Sodium	23-2	53117	53059	52590	52922	0.55	cps
Strontium	86-1	4243	4351	4009	4201	4.16	cps
Strontium	88-1	24448	23546	23747	23914	1.98	cps
Sulfur	34-1	349474	348912	346732	348373	0.42	cps
Terbium	159-1	6658838	6581099	6569155	6603030	0.74	cps
Terbium	159-2	1713840	1700453	1585679	1666657	4.23	cps
Thallium	203-1	5718	5535	5568	5607	1.74	cps
Thallium	205-1	13166	13191	12507	12954	2.99	cps
Tin	118-1	31680	32507	31638	31942	1.53	cps
Titanium	47-1	5518	5426	5426	5457	0.97	cps
Uranium	238-1	14626	14517	14726	14623	0.71	cps
Vanadium	51-2	3894	3731	3881	3835	2.37	cps
Yttrium	89-1	6882262	6807506	6767877	6819215	0.85	cps
Yttrium	89-2	256053	253833	237636	249174	4.03	cps
Zinc	66-2	477	497	550	508	7.47	cps
Zirconium	90-1	14792	14650	14625	14689	0.61	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:00:16	DataFile Name :	018SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3326	3542	3150	3339	5.88	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	42	22	78.07	cps
Antimony	121-1	300	283	367	317	13.93	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	33	25	75	44	60.28	cps
Barium	137-1	67	42	92	67	37.50	cps
Beryllium	9-1	94	78	78	83	11.55	cps
Bismuth	209-1	3519295	3544080	3525325	3529567	0.37	cps
Bismuth	209-2	1228386	1251178	1242024	1240530	0.92	cps
Boron	11-1	5768	5868	5818	5818	0.86	cps
Boron	10-1	1408	1342	1333	1361	3.02	cps
Cadmium	106-1	1433	1350	1542	1442	6.67	cps
Cadmium	108-1	0	8	25	11	114.58	cps
Cadmium	111-1	1016	960	1078	1018	5.82	cps
Calcium	43-1	3934	3851	3909	3898	1.10	cps
Calcium	44-1	66382	66333	64867	65861	1.31	cps
Chromium	52-2	907	1057	1050	1004	8.44	cps
Cobalt	59-2	57	50	40	49	17.16	cps
Copper	63-2	377	380	343	367	5.53	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	58	50	36	87.37	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	25	75	58	53	48.24	cps
Gadolinium	160-2	0	13	13	9	86.60	cps
Holmium	165-1	6209539	6124868	6198447	6177618	0.74	cps
Holmium	165-2	1706957	1738615	1685207	1710260	1.57	cps
Indium	115-1	6233432	6085446	6081761	6133546	1.41	cps
Indium	115-2	336047	338079	339988	338038	0.58	cps
Iron	56-2	3667	3606	3384	3552	4.20	cps
Iron	57-2	67	94	122	94	29.41	cps
Lead	206-1	528	683	528	580	15.49	cps
Lead	207-1	439	494	383	439	12.66	cps
Lead	208-1	2206	2278	1995	2159	6.82	cps
Lithium	6-1	666491	660437	668952	665293	0.66	cps
Magnesium	24-2	125	92	92	103	18.73	cps
Manganese	55-2	70	57	60	62	11.15	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	50	83	86	43.64	cps
Molybdenum	94-1	308	258	292	286	8.90	cps
Molybdenum	95-1	100	67	50	72	35.25	cps
Molybdenum	96-1	183	150	158	164	10.58	cps
Molybdenum	97-1	100	75	108	94	18.37	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	60	77	72	14.84	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3651	3717	4092	3820	6.23	cps
Rhodium	103-1	5883420	5863068	5868104	5871531	0.18	cps
Rhodium	103-2	1754993	1767933	1770745	1764557	0.48	cps
Scandium	45-1	3917843	3892022	3906525	3905464	0.33	cps
Scandium	45-2	38459	38326	38523	38436	0.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-104	41	-200	-88	-138.28	cps
Silicon	28-1	412974	400234	398641	403950	1.94	cps
Silver	109-1	383	383	483	417	13.86	cps
Silver	107-1	400	442	417	419	5.00	cps
Sodium	23-2	7477	7594	7102	7391	3.48	cps
Strontium	86-1	1584	1442	1584	1536	5.33	cps
Strontium	88-1	392	383	275	350	18.60	cps
Sulfur	34-1	350300	354114	351514	351976	0.55	cps
Terbium	159-1	6635579	6580925	6552220	6589575	0.64	cps
Terbium	159-2	1683208	1725277	1706304	1704930	1.24	cps
Thallium	203-1	217	250	233	233	7.14	cps
Thallium	205-1	667	567	425	553	21.97	cps
Tin	118-1	900	758	933	864	10.76	cps
Titanium	47-1	200	158	125	161	23.32	cps
Uranium	238-1	33	58	8	33	75.02	cps
Vanadium	51-2	0	3	13	6	124.93	cps
Yttrium	89-1	6779557	6815938	6788086	6794527	0.28	cps
Yttrium	89-2	254585	255496	254277	254786	0.25	cps
Zinc	66-2	33	37	43	38	13.48	cps
Zirconium	90-1	625	575	592	597	4.26	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:03:26	DataFile Name :	019CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	100	192	147	31.17	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	258	283	300	17.35	cps
Antimony	121-1	36200	36718	36693	36537	0.80	cps
Arsenic	75-2	281	348	294	308	11.48	cps
Barium	135-1	35524	34104	35039	34889	2.07	cps
Barium	137-1	60790	62004	62381	61725	1.35	cps
Beryllium	9-1	2411	2489	2678	2526	5.43	cps
Bismuth	209-1	3392610	3348690	3369435	3370245	0.65	cps
Bismuth	209-2	1200652	1208651	1222190	1210498	0.90	cps
Boron	11-1	34551	35879	37851	36094	4.60	cps
Boron	10-1	7369	7661	8053	7694	4.46	cps
Cadmium	106-1	1800	1784	1609	1731	6.14	cps
Cadmium	108-1	254	271	279	268	4.75	cps
Cadmium	111-1	5200	5222	5002	5141	2.35	cps
Calcium	43-1	25933	26067	25148	25716	1.93	cps
Calcium	44-1	428552	429973	431472	429999	0.34	cps
Chromium	52-2	5818	5798	5771	5796	0.40	cps
Cobalt	59-2	4861	5164	4934	4987	3.17	cps
Copper	63-2	8936	8970	8529	8812	2.78	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	20	27	13	20	33.35	cps
Gadolinium	160-1	33	100	33	56	69.29	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	6049922	6004640	6018585	6024383	0.38	cps
Holmium	165-2	1694558	1711603	1685458	1697206	0.78	cps
Indium	115-1	5987624	5952335	5955054	5965004	0.33	cps
Indium	115-2	338392	338042	340275	338903	0.35	cps
Iron	56-2	311629	308432	306742	308934	0.80	cps
Iron	57-2	7541	7669	7530	7580	1.02	cps
Lead	206-1	11561	11150	11161	11291	2.08	cps
Lead	207-1	9971	9749	9798	9839	1.19	cps
Lead	208-1	45606	43586	43074	44088	3.04	cps
Lithium	6-1	667165	667612	663798	666192	0.31	cps
Magnesium	24-2	38077	38712	38955	38581	1.17	cps
Manganese	55-2	833	800	800	811	2.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	66372	64882	64597	65283	1.46	cps
Molybdenum	94-1	34411	33058	33659	33710	2.01	cps
Molybdenum	95-1	40721	40612	41372	40902	1.01	cps
Molybdenum	96-1	45845	45837	45026	45569	1.03	cps
Molybdenum	97-1	26527	25224	25825	25859	2.52	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1473	1597	1593	1555	4.52	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	28371	29557	29022	28984	2.05	cps
Rhodium	103-1	5744319	5810660	5816332	5790437	0.69	cps
Rhodium	103-2	1780393	1789598	1791241	1787077	0.33	cps
Scandium	45-1	3889789	3875311	3839816	3868306	0.66	cps
Scandium	45-2	39516	38703	38770	38996	1.16	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	46	28	37	37	25.00	cps
Selenium	82-1	1348	1268	1211	1276	5.40	cps
Silicon	28-1	488846	488104	493106	490019	0.55	cps
Silver	109-1	18755	18689	19573	19006	2.59	cps
Silver	107-1	19966	21034	20199	20400	2.75	cps
Sodium	23-2	100243	101132	99848	100408	0.66	cps
Strontium	86-1	6935	7061	7144	7047	1.49	cps
Strontium	88-1	48955	49482	48646	49028	0.86	cps
Sulfur	34-1	351131	347049	348305	348828	0.60	cps
Terbium	159-1	6488692	6458306	6386913	6444637	0.81	cps
Terbium	159-2	1688424	1651557	1681185	1673722	1.17	cps
Thallium	203-1	10797	10522	11255	10858	3.41	cps
Thallium	205-1	24742	24667	25694	25034	2.29	cps
Tin	118-1	64899	64799	61902	63867	2.67	cps
Titanium	47-1	11572	11539	11589	11566	0.22	cps
Uranium	238-1	29920	29611	30146	29892	0.90	cps
Vanadium	51-2	8229	8209	8266	8235	0.35	cps
Yttrium	89-1	6711296	6713358	6660738	6695131	0.45	cps
Yttrium	89-2	259972	255076	258613	257887	0.98	cps
Zinc	66-2	877	973	867	906	6.51	cps
Zirconium	90-1	29641	29733	29775	29717	0.23	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100898BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:11:30	DataFile Name :	021SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6644	6202	6393	6413	3.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145884	145287	144665	145278	0.42	cps
Antimony	121-1	2375	2275	2267	2306	2.62	cps
Arsenic	75-2	389	435	400	408	5.92	cps
Barium	135-1	123497	123294	122202	122998	0.57	cps
Barium	137-1	210114	208995	211547	210219	0.61	cps
Beryllium	9-1	1195	1356	1145	1232	8.96	cps
Bismuth	209-1	3393730	3194384	3378407	3322174	3.34	cps
Bismuth	209-2	1177573	1188670	1176519	1180921	0.57	cps
Boron	11-1	5651	5851	6002	5835	3.01	cps
Boron	10-1	1342	1367	1200	1303	6.90	cps
Cadmium	106-1	1517	1300	1350	1389	8.17	cps
Cadmium	108-1	33	54	46	44	23.60	cps
Cadmium	111-1	1276	1151	1101	1176	7.68	cps
Calcium	43-1	109215	107560	106829	107868	1.13	cps
Calcium	44-1	1845183	1824144	1820416	1829914	0.73	cps
Chromium	52-2	34446	33707	33193	33782	1.86	cps
Cobalt	59-2	34850	34687	34763	34767	0.24	cps
Copper	63-2	224263	224223	225709	224731	0.38	cps
Dysprosium	156-1	41500	41951	41609	41687	0.56	cps
Dysprosium	156-2	10117	9874	9877	9956	1.40	cps
Erbium	164-1	33168	33110	32843	33040	0.53	cps
Erbium	164-2	8243	8430	8359	8344	1.13	cps
Gadolinium	160-1	33628	32984	33686	33433	1.16	cps
Gadolinium	160-2	11745	11859	11635	11747	0.95	cps
Holmium	165-1	5937020	5699033	6039910	5891987	2.97	cps
Holmium	165-2	1660264	1687280	1680656	1676067	0.84	cps
Indium	115-1	5928982	5644923	5990327	5854744	3.15	cps
Indium	115-2	333069	333917	331437	332808	0.38	cps
Iron	56-2	35199879	35090249	35095812	35128647	0.18	cps
Iron	57-2	875587	880589	877423	877866	0.29	cps
Lead	206-1	40889	41686	39055	40543	3.33	cps
Lead	207-1	29295	29629	28872	29266	1.30	cps
Lead	208-1	150141	151037	146907	149362	1.45	cps
Lithium	6-1	686712	656676	686407	676598	2.55	cps
Magnesium	24-2	431835	431980	435913	433242	0.53	cps
Manganese	55-2	221777	221674	222366	221939	0.17	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	49274	50621	50127	50007	1.36	cps
Molybdenum	94-1	21460	21693	21793	21649	0.79	cps
Molybdenum	95-1	30878	31270	31304	31151	0.76	cps
Molybdenum	96-1	35682	34679	34963	35108	1.47	cps
Molybdenum	97-1	19690	19131	20249	19690	2.84	cps
Neodymium	150-1	73378	74350	74417	74048	0.79	cps
Neodymium	150-2	12890	12610	12937	12812	1.38	cps
Nickel	60-2	13093	12966	12646	12902	1.79	cps
Phosphorus	31-2	850	733	608	731	16.54	cps
Potassium	39-2	24138	24339	23863	24113	0.99	cps
Rhodium	103-1	5655517	5430848	5744053	5610139	2.88	cps
Rhodium	103-2	1747873	1740315	1723195	1737128	0.73	cps
Scandium	45-1	3981602	3721947	3909382	3870977	3.46	cps
Scandium	45-2	39064	39058	38777	38966	0.42	cps
Selenium	77-2	77	30	60	56	42.57	cps
Selenium	78-2	50	41	35	42	17.82	cps
Selenium	82-1	45	61	134	80	59.07	cps
Silicon	28-1	3994967	4133428	4056556	4061650	1.71	cps
Silver	109-1	3026	3075	3267	3123	4.09	cps
Silver	107-1	3226	3226	3201	3217	0.45	cps
Sodium	23-2	19381	19097	19614	19364	1.34	cps
Strontium	86-1	49893	48194	48889	48992	1.74	cps
Strontium	88-1	410397	416180	408692	411756	0.95	cps
Sulfur	34-1	390593	385183	385569	387115	0.78	cps
Terbium	159-1	6422506	6024664	6357557	6268243	3.40	cps
Terbium	159-2	1681181	1667572	1624879	1657877	1.77	cps
Thallium	203-1	1008	992	1033	1011	2.07	cps
Thallium	205-1	2342	2475	2100	2306	8.25	cps
Tin	118-1	8403	8144	8995	8514	5.12	cps
Titanium	47-1	943255	950167	949387	947603	0.40	cps
Uranium	238-1	33496	32184	31566	32416	3.04	cps
Vanadium	51-2	34219	34573	34810	34534	0.86	cps
Yttrium	89-1	7297959	7173059	7257916	7242978	0.88	cps
Yttrium	89-2	280002	282025	277696	279908	0.77	cps
Zinc	66-2	19310	19564	19661	19512	0.93	cps
Zirconium	90-1	9621	9862	9612	9698	1.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:14:40	DataFile Name :	022SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2142	2309	2067	2173	5.70	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142559	142132	140969	141886	0.58	cps
Antimony	121-1	1934	2150	1867	1984	7.47	cps
Arsenic	75-2	380	385	372	379	1.72	cps
Barium	135-1	123118	120504	119982	121201	1.39	cps
Barium	137-1	211278	206160	207599	208346	1.27	cps
Beryllium	9-1	1328	1222	1172	1241	6.40	cps
Bismuth	209-1	3254832	3247849	3262219	3254967	0.22	cps
Bismuth	209-2	1135933	1161583	1165064	1154193	1.38	cps
Boron	11-1	4534	5260	5109	4968	7.71	cps
Boron	10-1	1042	942	1258	1081	14.98	cps
Cadmium	106-1	1433	1175	1150	1253	12.52	cps
Cadmium	108-1	42	29	17	29	42.85	cps
Cadmium	111-1	1191	1048	1018	1086	8.50	cps
Calcium	43-1	108869	105604	105974	106816	1.67	cps
Calcium	44-1	1810822	1767144	1821505	1799824	1.60	cps
Chromium	52-2	33894	33300	33106	33433	1.23	cps
Cobalt	59-2	34653	34062	33875	34197	1.19	cps
Copper	63-2	218236	216952	214730	216639	0.82	cps
Dysprosium	156-1	42094	41550	42396	42013	1.02	cps
Dysprosium	156-2	10217	10411	10241	10290	1.03	cps
Erbium	164-1	32283	31907	32041	32077	0.59	cps
Erbium	164-2	8543	8493	8826	8621	2.09	cps
Gadolinium	160-1	34313	34371	33911	34198	0.73	cps
Gadolinium	160-2	12306	12046	12189	12180	1.07	cps
Holmium	165-1	5954478	5881120	5897366	5910988	0.65	cps
Holmium	165-2	1604228	1656811	1641377	1634139	1.65	cps
Indium	115-1	5953848	5891407	5813057	5886104	1.20	cps
Indium	115-2	323210	330754	328772	327579	1.19	cps
Iron	56-2	34527324	34050909	34310172	34296135	0.70	cps
Iron	57-2	859240	858042	856424	857902	0.16	cps
Lead	206-1	39017	40192	38398	39202	2.33	cps
Lead	207-1	28549	27619	27642	27937	1.90	cps
Lead	208-1	144359	144392	142955	143902	0.57	cps
Lithium	6-1	685656	690442	693083	689727	0.55	cps
Magnesium	24-2	423991	416446	422707	421048	0.96	cps
Manganese	55-2	216544	213192	213563	214433	0.86	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	47769	47518	47643	47643	0.26	cps
Molybdenum	94-1	20049	20867	20500	20472	2.00	cps
Molybdenum	95-1	29967	30134	30535	30212	0.97	cps
Molybdenum	96-1	33576	34019	33359	33651	1.00	cps
Molybdenum	97-1	18497	18839	19006	18780	1.38	cps
Neodymium	150-1	77120	76564	76945	76876	0.37	cps
Neodymium	150-2	13354	13647	13581	13527	1.14	cps
Nickel	60-2	12903	12736	12976	12872	0.96	cps
Phosphorus	31-2	558	558	758	625	18.48	cps
Potassium	39-2	23712	23212	24071	23665	1.82	cps
Rhodium	103-1	5681643	5668744	5709797	5686728	0.37	cps
Rhodium	103-2	1696110	1726821	1693588	1705506	1.08	cps
Scandium	45-1	3937655	3893489	3963518	3931554	0.90	cps
Scandium	45-2	38042	38540	38998	38526	1.24	cps
Selenium	77-2	53	47	73	58	24.02	cps
Selenium	78-2	15	31	24	23	35.61	cps
Selenium	82-1	-50	186	12	49	248.29	cps
Silicon	28-1	3951825	3949022	4077914	3992920	1.84	cps
Silver	109-1	2200	2309	2234	2248	2.47	cps
Silver	107-1	2367	2492	2109	2323	8.42	cps
Sodium	23-2	19397	18354	19431	19061	3.21	cps
Strontium	86-1	47342	48178	48002	47841	0.92	cps
Strontium	88-1	408840	402039	402652	404511	0.93	cps
Sulfur	34-1	364629	359555	357946	360710	0.97	cps
Terbium	159-1	6337162	6349519	6236131	6307604	0.99	cps
Terbium	159-2	1577370	1648928	1622768	1616356	2.24	cps
Thallium	203-1	967	883	883	911	5.28	cps
Thallium	205-1	2034	2284	2075	2131	6.29	cps
Tin	118-1	7728	8220	8278	8075	3.74	cps
Titanium	47-1	947999	933550	947197	942916	0.86	cps
Uranium	238-1	32486	30505	32368	31786	3.50	cps
Vanadium	51-2	34376	33310	33594	33760	1.64	cps
Yttrium	89-1	7325059	7226055	7250726	7267280	0.71	cps
Yttrium	89-2	274844	277203	278758	276935	0.71	cps
Zinc	66-2	19133	19010	18700	18948	1.18	cps
Zirconium	90-1	9437	8970	8428	8945	5.65	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:17:50	DataFile Name :	023SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2200	2217	1975	2131	6.34	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27728	28012	27887	27875	0.51	cps
Antimony	121-1	483	267	308	353	32.59	cps
Arsenic	75-2	59	78	85	74	18.03	cps
Barium	135-1	23154	22520	22236	22637	2.08	cps
Barium	137-1	38675	37855	39761	38764	2.47	cps
Beryllium	9-1	267	339	256	287	15.76	cps
Bismuth	209-1	3303780	3293521	3277924	3291742	0.40	cps
Bismuth	209-2	1183223	1171310	1182067	1178866	0.56	cps
Boron	11-1	3826	3192	3142	3387	11.25	cps
Boron	10-1	783	708	683	725	7.18	cps
Cadmium	106-1	1358	1158	1400	1306	9.90	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Cadmium	111-1	1023	848	1039	970	10.93	cps
Calcium	43-1	24096	22995	23253	23448	2.46	cps
Calcium	44-1	389025	389456	381817	386766	1.11	cps
Chromium	52-2	7069	7369	7429	7289	2.65	cps
Cobalt	59-2	6738	6535	6285	6519	3.48	cps
Copper	63-2	43929	41813	42695	42813	2.48	cps
Dysprosium	156-1	8095	7611	7561	7755	3.80	cps
Dysprosium	156-2	1937	1793	1984	1905	5.20	cps
Erbium	164-1	5918	6244	5743	5968	4.25	cps
Erbium	164-2	1510	1650	1447	1536	6.78	cps
Gadolinium	160-1	6860	5802	5843	6168	9.72	cps
Gadolinium	160-2	2290	2184	1964	2146	7.76	cps
Holmium	165-1	5938143	5857592	5779033	5858256	1.36	cps
Holmium	165-2	1703538	1639667	1670949	1671385	1.91	cps
Indium	115-1	5952228	5844379	5854561	5883723	1.01	cps
Indium	115-2	334384	330585	333838	332936	0.62	cps
Iron	56-2	6856699	6680197	6802425	6779774	1.33	cps
Iron	57-2	169945	167538	168198	168560	0.74	cps
Lead	206-1	7536	7992	7603	7710	3.19	cps
Lead	207-1	5551	5724	5735	5670	1.81	cps
Lead	208-1	28736	29570	28313	28873	2.22	cps
Lithium	6-1	662080	664761	668771	665204	0.51	cps
Magnesium	24-2	81809	82362	82908	82360	0.67	cps
Manganese	55-2	42154	42578	43060	42597	1.06	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9070	9462	9629	9387	3.06	cps
Molybdenum	94-1	4251	4309	4234	4265	0.92	cps
Molybdenum	95-1	5993	5977	6068	6013	0.81	cps
Molybdenum	96-1	6602	6777	6435	6605	2.59	cps
Molybdenum	97-1	3867	3667	4059	3865	5.07	cps
Neodymium	150-1	13955	13274	13848	13692	2.67	cps
Neodymium	150-2	2644	2474	2404	2507	4.92	cps
Nickel	60-2	2547	2397	2370	2438	3.91	cps
Phosphorus	31-2	133	108	133	125	11.55	cps
Potassium	39-2	7394	7352	7419	7388	0.46	cps
Rhodium	103-1	5704535	5721161	5692813	5706170	0.25	cps
Rhodium	103-2	1740535	1753316	1758258	1750703	0.52	cps
Scandium	45-1	3864794	3858567	3850721	3858027	0.18	cps
Scandium	45-2	38540	37915	38667	38374	1.05	cps
Selenium	77-2	23	13	10	16	44.60	cps
Selenium	78-2	17	4	11	10	62.01	cps
Selenium	82-1	-186	-6	-45	-79	-119.61	cps
Silicon	28-1	1096537	1077838	1102911	1092429	1.19	cps
Silver	109-1	650	483	633	589	15.59	cps
Silver	107-1	558	542	592	564	4.52	cps
Sodium	23-2	8520	8603	8736	8620	1.27	cps
Strontium	86-1	10096	11080	10213	10463	5.14	cps
Strontium	88-1	78878	75476	75200	76518	2.68	cps
Sulfur	34-1	306291	302259	304220	304257	0.66	cps
Terbium	159-1	6351645	6251590	6291697	6298311	0.80	cps
Terbium	159-2	1670477	1647065	1673969	1663837	0.88	cps
Thallium	203-1	283	275	308	289	6.00	cps
Thallium	205-1	558	575	583	572	2.23	cps
Tin	118-1	1900	2059	2034	1997	4.26	cps
Titanium	47-1	181462	177867	178482	179270	1.07	cps
Uranium	238-1	6068	5985	6169	6074	1.51	cps
Vanadium	51-2	6765	6535	6278	6526	3.73	cps
Yttrium	89-1	6766498	6746328	6730638	6747821	0.27	cps
Yttrium	89-2	262773	259746	261799	261439	0.59	cps
Zinc	66-2	3697	3727	3861	3762	2.31	cps
Zirconium	90-1	2150	2092	2009	2084	3.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 13:21:00	DataFile Name :	024SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	425	442	458	9.62	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140102	141061	140254	140472	0.37	cps
Antimony	121-1	179249	182238	179768	180419	0.89	cps
Arsenic	75-2	1491	1556	1472	1506	2.91	cps
Barium	135-1	812495	830926	818883	820768	1.14	cps
Barium	137-1	1418653	1422539	1419085	1420092	0.15	cps
Beryllium	9-1	13073	13523	12873	13156	2.53	cps
Bismuth	209-1	3259967	3248647	3255868	3254828	0.18	cps
Bismuth	209-2	1135916	1176947	1172331	1161731	1.93	cps
Boron	11-1	4017	4167	4434	4206	5.02	cps
Boron	10-1	875	858	967	900	6.48	cps
Cadmium	106-1	3267	3351	3042	3220	4.95	cps
Cadmium	108-1	1400	1292	1417	1370	4.96	cps
Cadmium	111-1	21422	21473	21165	21354	0.77	cps
Calcium	43-1	106216	105133	105126	105492	0.59	cps
Calcium	44-1	1768209	1763639	1767032	1766293	0.13	cps
Chromium	52-2	77640	77154	76772	77189	0.56	cps
Cobalt	59-2	273566	271925	269592	271695	0.73	cps
Copper	63-2	309244	313441	307718	310134	0.96	cps
Dysprosium	156-1	43733	41768	42763	42755	2.30	cps
Dysprosium	156-2	10988	10688	10685	10787	1.62	cps
Erbium	164-1	33494	33101	33068	33221	0.71	cps
Erbium	164-2	8883	8706	8593	8728	1.68	cps
Gadolinium	160-1	34222	36051	34915	35062	2.63	cps
Gadolinium	160-2	12406	12563	12179	12383	1.56	cps
Holmium	165-1	5876669	5891374	5952320	5906788	0.68	cps
Holmium	165-2	1593546	1678932	1650835	1641104	2.65	cps
Indium	115-1	5908415	5963345	5906989	5926249	0.54	cps
Indium	115-2	317989	331490	330050	326510	2.27	cps
Iron	56-2	33113228	33389836	33257576	33253547	0.42	cps
Iron	57-2	836949	833882	827567	832799	0.57	cps
Lead	206-1	53613	54088	52369	53357	1.66	cps
Lead	207-1	42226	41530	41173	41643	1.29	cps
Lead	208-1	204048	201417	202013	202493	0.68	cps
Lithium	6-1	689940	692912	693325	692059	0.27	cps
Magnesium	24-2	394108	399295	389659	394354	1.22	cps
Manganese	55-2	236086	238016	236296	236799	0.45	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	45235	44207	44700	44714	1.15	cps
Molybdenum	94-1	18563	19223	19865	19217	3.39	cps
Molybdenum	95-1	27696	28122	28673	28164	1.74	cps
Molybdenum	96-1	30118	30669	29943	30243	1.25	cps
Molybdenum	97-1	17804	17562	17295	17554	1.45	cps
Neodymium	150-1	78287	78086	79541	78638	1.00	cps
Neodymium	150-2	14281	14121	14301	14235	0.69	cps
Nickel	60-2	82503	82308	80870	81893	1.09	cps
Phosphorus	31-2	642	775	742	720	9.64	cps
Potassium	39-2	24213	23746	22410	23456	3.99	cps
Rhodium	103-1	5659632	5706859	5672020	5679504	0.43	cps
Rhodium	103-2	1666863	1763299	1716697	1715619	2.81	cps
Scandium	45-1	3943470	4013010	3906340	3954273	1.37	cps
Scandium	45-2	37677	38426	38520	38208	1.21	cps
Selenium	77-2	97	100	97	98	1.97	cps
Selenium	78-2	83	94	122	100	20.03	cps
Selenium	82-1	2758	2754	2772	2761	0.33	cps
Silicon	28-1	3978256	3849365	3987073	3938231	1.96	cps
Silver	109-1	89053	87894	85873	87607	1.84	cps
Silver	107-1	91058	91115	93029	91734	1.22	cps
Sodium	23-2	18004	18212	17712	17976	1.40	cps
Strontium	86-1	47986	46998	46949	47311	1.24	cps
Strontium	88-1	398496	390717	393437	394217	1.00	cps
Sulfur	34-1	348561	345865	343242	345889	0.77	cps
Terbium	159-1	6316355	6325001	6210117	6283824	1.02	cps
Terbium	159-2	1591754	1642175	1641463	1625131	1.78	cps
Thallium	203-1	50736	51221	50769	50909	0.53	cps
Thallium	205-1	120384	118541	120762	119896	0.99	cps
Tin	118-1	7811	8044	7903	7919	1.49	cps
Titanium	47-1	920486	921121	916653	919420	0.26	cps
Uranium	238-1	32301	31641	31734	31892	1.12	cps
Vanadium	51-2	115132	116328	114691	115384	0.73	cps
Yttrium	89-1	7323488	7326611	7284245	7311448	0.32	cps
Yttrium	89-2	269444	280020	279869	276444	2.19	cps
Zinc	66-2	37100	38049	37962	37704	1.39	cps
Zirconium	90-1	9028	8528	8812	8789	2.86	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:24:09	DataFile Name :	025SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2225	2034	2017	2092	5.53	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : I4260-04 Instrumnet Name : P8
 Client Sample ID : MBDX23 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 13:27:17 DataFile Name : 026SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74421	77268	75887	75859	1.88	cps
Antimony	121-1	1525	1834	1834	1731	10.29	cps
Arsenic	75-2	565	604	550	573	4.84	cps
Barium	135-1	150926	150193	149182	150101	0.58	cps
Barium	137-1	260668	261059	256473	259400	0.98	cps
Beryllium	9-1	806	806	672	761	10.11	cps
Bismuth	209-1	3286098	3359247	3358782	3334709	1.26	cps
Bismuth	209-2	1188288	1179531	1165979	1177933	0.95	cps
Boron	11-1	3459	3442	3942	3615	7.86	cps
Boron	10-1	708	850	625	728	15.63	cps
Cadmium	106-1	1308	1558	1383	1417	9.06	cps
Cadmium	108-1	21	42	38	33	33.08	cps
Cadmium	111-1	1268	1412	1251	1310	6.75	cps
Calcium	43-1	143813	147492	142829	144711	1.70	cps
Calcium	44-1	2457445	2430223	2403663	2430444	1.11	cps
Chromium	52-2	24305	24662	24445	24471	0.74	cps
Cobalt	59-2	17227	17314	17221	17254	0.30	cps
Copper	63-2	67530	65969	66434	66645	1.20	cps
Dysprosium	156-1	24916	23505	24482	24301	2.97	cps
Dysprosium	156-2	7352	7262	7039	7218	2.24	cps
Erbium	164-1	24741	25877	25092	25237	2.30	cps
Erbium	164-2	6689	6395	6675	6586	2.52	cps
Gadolinium	160-1	23998	24783	24499	24427	1.63	cps
Gadolinium	160-2	8563	8703	8947	8738	2.22	cps
Holmium	165-1	5920277	5944686	5975792	5946919	0.47	cps
Holmium	165-2	1668108	1664937	1642048	1658364	0.86	cps
Indium	115-1	5947480	5966592	5905276	5939783	0.53	cps
Indium	115-2	330616	330882	323779	328426	1.23	cps
Iron	56-2	14449558	14355589	14453612	14419586	0.38	cps
Iron	57-2	359814	359375	362150	360446	0.41	cps
Lead	206-1	45811	46067	46999	46292	1.35	cps
Lead	207-1	37785	37880	38052	37905	0.36	cps
Lead	208-1	175354	176612	176944	176303	0.48	cps
Lithium	6-1	692328	703279	702094	699234	0.86	cps
Magnesium	24-2	215270	211856	210166	212431	1.22	cps
Manganese	55-2	80969	81067	79760	80599	0.90	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:27:17	DataFile Name :	026SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6369	6660	6077	6368	4.58	cps
Molybdenum	94-1	4659	4459	4209	4443	5.08	cps
Molybdenum	95-1	4151	4376	3917	4148	5.53	cps
Molybdenum	96-1	4709	4801	4859	4790	1.58	cps
Molybdenum	97-1	2517	2492	2625	2545	2.79	cps
Neodymium	150-1	36465	36578	35676	36240	1.36	cps
Neodymium	150-2	6172	6375	6335	6294	1.71	cps
Nickel	60-2	10574	10631	10211	10472	2.18	cps
Phosphorus	31-2	425	450	450	442	3.27	cps
Potassium	39-2	22218	21183	22410	21937	3.01	cps
Rhodium	103-1	5720004	5818461	5692004	5743490	1.16	cps
Rhodium	103-2	1705858	1749524	1705813	1720398	1.47	cps
Scandium	45-1	3894930	3954400	3898478	3915936	0.85	cps
Scandium	45-2	38222	38509	38587	38439	0.50	cps
Selenium	77-2	27	60	30	39	47.20	cps
Selenium	78-2	26	31	31	30	10.81	cps
Selenium	82-1	-130	-145	-18	-98	-70.99	cps
Silicon	28-1	2919894	2979338	3036046	2978426	1.95	cps
Silver	109-1	1550	1559	1767	1625	7.55	cps
Silver	107-1	1600	2000	2200	1934	15.80	cps
Sodium	23-2	24889	24998	24881	24923	0.26	cps
Strontium	86-1	58217	58652	60668	59179	2.21	cps
Strontium	88-1	497454	498583	500408	498815	0.30	cps
Sulfur	34-1	294706	296440	295895	295680	0.30	cps
Terbium	159-1	6378939	6372116	6329764	6360273	0.42	cps
Terbium	159-2	1654052	1634163	1590520	1626245	2.00	cps
Thallium	203-1	492	425	400	439	10.80	cps
Thallium	205-1	1025	883	1017	975	8.15	cps
Tin	118-1	5351	5001	5126	5160	3.44	cps
Titanium	47-1	318208	320478	313931	317539	1.05	cps
Uranium	238-1	19708	21018	19942	20223	3.46	cps
Vanadium	51-2	19297	20335	20308	19980	2.96	cps
Yttrium	89-1	7161051	7286519	7266387	7237986	0.93	cps
Yttrium	89-2	273567	275234	268378	272393	1.31	cps
Zinc	66-2	11395	11368	11301	11355	0.42	cps
Zirconium	90-1	5993	6018	6452	6155	4.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:27:17	DataFile Name :	026SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1267	1383	1283	1311	4.81	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90572	89272	88133	89326	1.37	cps
Antimony	121-1	4134	3884	4109	4042	3.41	cps
Arsenic	75-2	919	911	863	898	3.36	cps
Barium	135-1	207309	204244	202944	204833	1.09	cps
Barium	137-1	355473	357343	359702	357506	0.59	cps
Beryllium	9-1	1039	911	950	967	6.78	cps
Bismuth	209-1	3419837	3453534	3444109	3439160	0.51	cps
Bismuth	209-2	1206363	1157109	1207279	1190250	2.41	cps
Boron	11-1	4668	4509	4884	4687	4.02	cps
Boron	10-1	1050	1017	1000	1022	2.49	cps
Cadmium	106-1	1317	1475	1442	1411	5.92	cps
Cadmium	108-1	83	79	79	81	2.99	cps
Cadmium	111-1	1472	1627	1662	1587	6.39	cps
Calcium	43-1	431942	429987	426699	429543	0.62	cps
Calcium	44-1	7119379	7068731	7036431	7074847	0.59	cps
Chromium	52-2	22692	23226	22665	22861	1.38	cps
Cobalt	59-2	20896	21023	20428	20782	1.51	cps
Copper	63-2	58690	58583	56642	57972	1.99	cps
Dysprosium	156-1	24474	25267	25292	25011	1.86	cps
Dysprosium	156-2	7155	7229	7099	7161	0.91	cps
Erbium	164-1	23422	24257	23347	23675	2.13	cps
Erbium	164-2	6212	6188	5888	6096	2.96	cps
Gadolinium	160-1	24666	24466	24750	24627	0.59	cps
Gadolinium	160-2	8466	8796	8433	8565	2.35	cps
Holmium	165-1	6099049	6050110	6136290	6095150	0.71	cps
Holmium	165-2	1702321	1620176	1673639	1665379	2.50	cps
Indium	115-1	6076621	5986500	6036173	6033098	0.75	cps
Indium	115-2	332252	320189	334671	329037	2.36	cps
Iron	56-2	18182472	18080782	18051548	18104934	0.38	cps
Iron	57-2	452251	453263	447424	450979	0.69	cps
Lead	206-1	105317	105927	105933	105726	0.33	cps
Lead	207-1	89123	88289	88077	88496	0.63	cps
Lead	208-1	413572	413782	413017	413457	0.10	cps
Lithium	6-1	704783	700046	709250	704693	0.65	cps
Magnesium	24-2	416151	417469	410011	414544	0.96	cps
Manganese	55-2	325147	326123	322189	324487	0.63	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9646	10221	10354	10074	3.74	cps
Molybdenum	94-1	6202	6360	6310	6291	1.29	cps
Molybdenum	95-1	6243	6060	6260	6188	1.79	cps
Molybdenum	96-1	7502	7719	7194	7472	3.53	cps
Molybdenum	97-1	3717	3759	4042	3840	4.61	cps
Neodymium	150-1	38778	39554	39186	39173	0.99	cps
Neodymium	150-2	6739	6919	6855	6837	1.34	cps
Nickel	60-2	9383	9380	8730	9164	4.11	cps
Phosphorus	31-2	675	708	708	697	2.76	cps
Potassium	39-2	25466	25399	25842	25569	0.93	cps
Rhodium	103-1	5733037	5819516	5770764	5774439	0.75	cps
Rhodium	103-2	1745101	1695215	1743752	1728023	1.64	cps
Scandium	45-1	3939551	3894837	3994083	3942824	1.26	cps
Scandium	45-2	39215	37524	38533	38424	2.21	cps
Selenium	77-2	40	43	23	36	30.14	cps
Selenium	78-2	39	37	17	31	39.94	cps
Selenium	82-1	-54	57	-111	-36	-236.79	cps
Silicon	28-1	3277250	3268084	3266993	3270775	0.17	cps
Silver	109-1	1725	2109	2025	1953	10.33	cps
Silver	107-1	1975	1975	1984	1978	0.24	cps
Sodium	23-2	20657	20699	20866	20741	0.53	cps
Strontium	86-1	87714	85652	87840	87069	1.41	cps
Strontium	88-1	729827	739368	733594	734263	0.65	cps
Sulfur	34-1	315013	319493	320075	318194	0.87	cps
Terbium	159-1	6339668	6424253	6553153	6439025	1.67	cps
Terbium	159-2	1670741	1606980	1665378	1647700	2.15	cps
Thallium	203-1	617	717	650	661	7.70	cps
Thallium	205-1	1775	1342	1634	1584	13.96	cps
Tin	118-1	8361	8611	8086	8353	3.15	cps
Titanium	47-1	399666	396046	400803	398838	0.62	cps
Uranium	238-1	14434	14834	15060	14776	2.14	cps
Vanadium	51-2	25073	25350	25387	25270	0.68	cps
Yttrium	89-1	7151818	7229678	7199273	7193590	0.55	cps
Yttrium	89-2	277163	263135	271684	270661	2.61	cps
Zinc	66-2	27628	27227	27471	27442	0.74	cps
Zirconium	90-1	7444	7511	7577	7511	0.89	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:25	DataFile Name :	027SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1609	1717	1834	1720	6.54	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78769	77026	78450	78082	1.19	cps
Antimony	121-1	3651	3859	3267	3592	8.36	cps
Arsenic	75-2	815	889	885	863	4.84	cps
Barium	135-1	243809	238895	240144	240949	1.06	cps
Barium	137-1	416973	416738	416944	416885	0.03	cps
Beryllium	9-1	1161	1161	1150	1157	0.55	cps
Bismuth	209-1	3438616	3416846	3428273	3427912	0.32	cps
Bismuth	209-2	1200402	1201492	1207439	1203111	0.31	cps
Boron	11-1	4076	3926	4418	4140	6.09	cps
Boron	10-1	825	917	900	881	5.55	cps
Cadmium	106-1	1617	1367	1442	1475	8.70	cps
Cadmium	108-1	138	104	129	124	14.03	cps
Cadmium	111-1	1831	1576	1590	1666	8.63	cps
Calcium	43-1	235563	234141	239359	236354	1.14	cps
Calcium	44-1	3919971	3903047	3985802	3936273	1.11	cps
Chromium	52-2	26158	24886	26138	25727	2.83	cps
Cobalt	59-2	22715	22108	22635	22486	1.47	cps
Copper	63-2	70095	70189	70950	70412	0.67	cps
Dysprosium	156-1	29309	30570	30595	30158	2.44	cps
Dysprosium	156-2	8863	8656	8576	8699	1.70	cps
Erbium	164-1	30019	28816	29376	29404	2.05	cps
Erbium	164-2	7686	7476	7666	7609	1.52	cps
Gadolinium	160-1	29752	30370	30620	30247	1.48	cps
Gadolinium	160-2	11025	10578	10785	10796	2.07	cps
Holmium	165-1	6023167	6074309	6131642	6076373	0.89	cps
Holmium	165-2	1701296	1663248	1679658	1681400	1.13	cps
Indium	115-1	6047272	5972558	6113396	6044408	1.17	cps
Indium	115-2	333184	332149	334988	333440	0.43	cps
Iron	56-2	16906159	16791794	16987044	16894999	0.58	cps
Iron	57-2	421851	417531	423261	420881	0.71	cps
Lead	206-1	108455	109361	109429	109082	0.50	cps
Lead	207-1	90454	89654	89513	89874	0.56	cps
Lead	208-1	421096	422816	421643	421852	0.21	cps
Lithium	6-1	712996	711040	722318	715452	0.84	cps
Magnesium	24-2	254573	253702	253964	254080	0.18	cps
Manganese	55-2	241227	240827	241694	241249	0.18	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6327	6018	5960	6102	3.23	cps
Molybdenum	94-1	7077	6268	6377	6574	6.68	cps
Molybdenum	95-1	3842	3776	3742	3787	1.35	cps
Molybdenum	96-1	4851	5118	5143	5037	3.21	cps
Molybdenum	97-1	2600	2442	2542	2528	3.17	cps
Neodymium	150-1	46777	46175	46991	46648	0.91	cps
Neodymium	150-2	7989	8239	8216	8148	1.70	cps
Nickel	60-2	10444	10294	10090	10276	1.73	cps
Phosphorus	31-2	583	567	450	533	13.62	cps
Potassium	39-2	28956	27444	29206	28535	3.34	cps
Rhodium	103-1	5780254	5788362	5775524	5781380	0.11	cps
Rhodium	103-2	1786120	1730117	1766984	1761074	1.62	cps
Scandium	45-1	4030395	3932944	4030437	3997926	1.41	cps
Scandium	45-2	39058	39001	39248	39102	0.33	cps
Selenium	77-2	53	60	40	51	19.92	cps
Selenium	78-2	37	31	24	31	21.08	cps
Selenium	82-1	-101	14	-175	-87	-109.42	cps
Silicon	28-1	3735841	3654082	3619117	3669680	1.63	cps
Silver	109-1	3151	2475	2675	2767	12.53	cps
Silver	107-1	3126	2542	2909	2859	10.32	cps
Sodium	23-2	16794	15851	17036	16560	3.78	cps
Strontium	86-1	101467	101645	102919	102010	0.78	cps
Strontium	88-1	865142	858607	860034	861261	0.40	cps
Sulfur	34-1	310789	309691	309186	309889	0.26	cps
Terbium	159-1	6390471	6437531	6524091	6450698	1.05	cps
Terbium	159-2	1676605	1664902	1698650	1680052	1.02	cps
Thallium	203-1	725	667	683	692	4.34	cps
Thallium	205-1	1775	1850	1800	1809	2.11	cps
Tin	118-1	12557	12606	12556	12573	0.23	cps
Titanium	47-1	488121	487118	485263	486834	0.30	cps
Uranium	238-1	11681	11456	10972	11370	3.19	cps
Vanadium	51-2	21323	21356	21447	21375	0.30	cps
Yttrium	89-1	7355166	7233823	7337559	7308849	0.90	cps
Yttrium	89-2	279697	276797	281160	279218	0.80	cps
Zinc	66-2	22672	22806	22756	22744	0.30	cps
Zirconium	90-1	12498	12089	15267	13285	13.01	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:34:58	DataFile Name :	028SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2767	2767	2609	2714	3.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173717	172446	170201	172121	1.03	cps
Antimony	121-1	1125	1183	1100	1136	3.76	cps
Arsenic	75-2	370	344	339	351	4.78	cps
Barium	135-1	788774	792398	797027	792733	0.52	cps
Barium	137-1	1365961	1374075	1379613	1373216	0.50	cps
Beryllium	9-1	2217	2295	2250	2254	1.73	cps
Bismuth	209-1	3337287	3367230	3278079	3327532	1.36	cps
Bismuth	209-2	1178048	1191324	1185176	1184849	0.56	cps
Boron	11-1	3392	3167	2917	3159	7.52	cps
Boron	10-1	550	658	875	694	23.83	cps
Cadmium	106-1	1467	1617	1450	1511	6.07	cps
Cadmium	108-1	58	46	92	65	36.30	cps
Cadmium	111-1	1278	1433	1268	1326	7.00	cps
Calcium	43-1	192891	190289	187772	190317	1.34	cps
Calcium	44-1	3168198	3156828	3167251	3164092	0.20	cps
Chromium	52-2	11515	11058	11165	11246	2.13	cps
Cobalt	59-2	67452	66320	67164	66979	0.88	cps
Copper	63-2	130758	130344	128814	129972	0.79	cps
Dysprosium	156-1	52248	52473	53519	52747	1.29	cps
Dysprosium	156-2	15129	15142	15593	15288	1.73	cps
Erbium	164-1	47563	48291	48207	48020	0.83	cps
Erbium	164-2	12606	12673	12426	12568	1.02	cps
Gadolinium	160-1	49336	49880	49922	49713	0.66	cps
Gadolinium	160-2	18196	17822	18447	18155	1.73	cps
Holmium	165-1	5911410	5988371	6038126	5979302	1.07	cps
Holmium	165-2	1641675	1658080	1683773	1661176	1.28	cps
Indium	115-1	5832109	5921579	5899865	5884517	0.79	cps
Indium	115-2	324112	333151	328824	328696	1.38	cps
Iron	56-2	47186933	46723941	46165789	46692221	1.10	cps
Iron	57-2	1182513	1162581	1161820	1168971	1.00	cps
Lead	206-1	37506	38559	37428	37831	1.67	cps
Lead	207-1	30443	30287	29569	30099	1.55	cps
Lead	208-1	143714	145293	141834	143614	1.21	cps
Lithium	6-1	706625	705787	709852	707421	0.30	cps
Magnesium	24-2	381875	373009	379619	378168	1.22	cps
Manganese	55-2	715140	709517	703024	709227	0.85	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	15493	15376	15660	15510	0.92	cps
Molybdenum	94-1	8361	8194	8511	8356	1.90	cps
Molybdenum	95-1	9812	9654	9612	9693	1.09	cps
Molybdenum	96-1	11656	12073	11806	11845	1.78	cps
Molybdenum	97-1	6343	6235	6193	6257	1.24	cps
Neodymium	150-1	80647	78743	78025	79138	1.71	cps
Neodymium	150-2	14318	13908	13978	14068	1.56	cps
Nickel	60-2	11065	11201	11071	11112	0.69	cps
Phosphorus	31-2	1000	967	875	947	6.83	cps
Potassium	39-2	41203	39272	39924	40133	2.45	cps
Rhodium	103-1	5744545	5750308	5742487	5745780	0.07	cps
Rhodium	103-2	1706407	1728519	1745777	1726901	1.14	cps
Scandium	45-1	4033185	4003580	4062856	4033207	0.73	cps
Scandium	45-2	39275	39542	39338	39385	0.35	cps
Selenium	77-2	63	90	63	72	21.32	cps
Selenium	78-2	52	24	54	43	38.42	cps
Selenium	82-1	-130	-60	24	-55	-139.38	cps
Silicon	28-1	3387754	3151950	3125091	3221598	4.49	cps
Silver	109-1	1150	1425	1242	1272	11.01	cps
Silver	107-1	1350	1250	1292	1297	3.87	cps
Sodium	23-2	46611	44981	45841	45811	1.78	cps
Strontium	86-1	177929	180360	179373	179221	0.68	cps
Strontium	88-1	1544929	1572837	1555009	1557592	0.91	cps
Sulfur	34-1	284596	284355	278866	282606	1.15	cps
Terbium	159-1	6371834	6343606	6429688	6381709	0.69	cps
Terbium	159-2	1644303	1648101	1655448	1649284	0.34	cps
Thallium	203-1	1042	875	883	933	10.06	cps
Thallium	205-1	2284	2225	1942	2150	8.50	cps
Tin	118-1	5943	5635	6077	5885	3.85	cps
Titanium	47-1	583016	575890	574780	577895	0.77	cps
Uranium	238-1	12532	13383	12765	12893	3.41	cps
Vanadium	51-2	30888	30513	30617	30673	0.63	cps
Yttrium	89-1	7652006	7693350	7739571	7694975	0.57	cps
Yttrium	89-2	285489	294771	290198	290153	1.60	cps
Zinc	66-2	28239	28259	27825	28108	0.87	cps
Zirconium	90-1	7828	8136	7628	7864	3.26	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:06	DataFile Name :	029SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1959	1700	1784	1814	7.27	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82556	85281	83528	83789	1.65	cps
Antimony	121-1	3050	2842	3101	2998	4.57	cps
Arsenic	75-2	811	767	774	784	3.04	cps
Barium	135-1	142644	140597	142931	142057	0.90	cps
Barium	137-1	241548	243898	245790	243745	0.87	cps
Beryllium	9-1	1106	911	972	996	9.98	cps
Bismuth	209-1	3462173	3552790	3515745	3510236	1.30	cps
Bismuth	209-2	1219272	1228029	1205586	1217629	0.93	cps
Boron	11-1	4718	4676	4826	4740	1.63	cps
Boron	10-1	950	1133	1008	1031	9.09	cps
Cadmium	106-1	1492	1450	1442	1461	1.83	cps
Cadmium	108-1	83	25	67	58	51.51	cps
Cadmium	111-1	1436	1464	1413	1438	1.80	cps
Calcium	43-1	1017485	1005156	1003862	1008834	0.75	cps
Calcium	44-1	16783182	16666476	16533098	16660919	0.75	cps
Chromium	52-2	25437	25467	25527	25477	0.18	cps
Cobalt	59-2	22482	22385	22735	22534	0.80	cps
Copper	63-2	56106	56802	56321	56410	0.63	cps
Dysprosium	156-1	28215	27146	28115	27825	2.12	cps
Dysprosium	156-2	7622	7903	7799	7775	1.82	cps
Erbium	164-1	25518	24975	24774	25089	1.53	cps
Erbium	164-2	6435	6268	6525	6409	2.03	cps
Gadolinium	160-1	26987	25785	26561	26444	2.31	cps
Gadolinium	160-2	9200	9320	9140	9220	0.99	cps
Holmium	165-1	6188104	6324733	6345209	6286015	1.36	cps
Holmium	165-2	1728006	1739363	1724149	1730506	0.46	cps
Indium	115-1	5979602	6033543	6095146	6036097	0.96	cps
Indium	115-2	329486	329208	326616	328436	0.48	cps
Iron	56-2	21513130	21325184	21392428	21410247	0.44	cps
Iron	57-2	536145	528502	531578	532075	0.72	cps
Lead	206-1	55511	54473	55516	55166	1.09	cps
Lead	207-1	44372	44333	44852	44519	0.65	cps
Lead	208-1	211554	211284	212364	211734	0.27	cps
Lithium	6-1	719971	730222	731951	727381	0.89	cps
Magnesium	24-2	1051078	1049596	1044253	1048309	0.34	cps
Manganese	55-2	262013	260484	260949	261149	0.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9604	9262	9687	9518	2.37	cps
Molybdenum	94-1	7027	7161	7177	7122	1.16	cps
Molybdenum	95-1	6227	5801	6043	6024	3.54	cps
Molybdenum	96-1	7511	6894	7469	7291	4.73	cps
Molybdenum	97-1	3859	3842	3717	3806	2.04	cps
Neodymium	150-1	44168	44416	44583	44389	0.47	cps
Neodymium	150-2	7305	7559	7546	7470	1.91	cps
Nickel	60-2	10511	10834	10477	10608	1.86	cps
Phosphorus	31-2	567	500	492	519	7.91	cps
Potassium	39-2	33666	34376	33708	33917	1.17	cps
Rhodium	103-1	5726516	5833214	5830327	5796686	1.05	cps
Rhodium	103-2	1760399	1740301	1742864	1747855	0.63	cps
Scandium	45-1	3911733	4024269	3998903	3978302	1.48	cps
Scandium	45-2	38172	38530	37911	38204	0.81	cps
Selenium	77-2	53	43	23	40	38.19	cps
Selenium	78-2	22	28	20	23	16.44	cps
Selenium	82-1	51	16	-102	-12	-667.29	cps
Silicon	28-1	2896880	2855232	2872244	2874785	0.73	cps
Silver	109-1	1809	1417	1734	1653	12.58	cps
Silver	107-1	1884	1659	1825	1789	6.53	cps
Sodium	23-2	21634	22126	22794	22185	2.63	cps
Strontium	86-1	111562	109990	108570	110041	1.36	cps
Strontium	88-1	938746	926993	932269	932669	0.63	cps
Sulfur	34-1	335384	336634	342221	338079	1.08	cps
Terbium	159-1	6515965	6592186	6652297	6586816	1.04	cps
Terbium	159-2	1683757	1690012	1684290	1686019	0.21	cps
Thallium	203-1	617	617	725	653	9.58	cps
Thallium	205-1	1684	1759	1700	1714	2.30	cps
Tin	118-1	6427	6185	6410	6341	2.13	cps
Titanium	47-1	453254	452061	446411	450575	0.81	cps
Uranium	238-1	16236	16061	15652	15983	1.88	cps
Vanadium	51-2	26111	26105	26622	26279	1.13	cps
Yttrium	89-1	7251526	7344584	7313263	7303125	0.65	cps
Yttrium	89-2	268093	268978	267653	268241	0.25	cps
Zinc	66-2	14264	14151	14267	14227	0.47	cps
Zirconium	90-1	10555	10406	10288	10416	1.29	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:15	DataFile Name :	030SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2450	2600	2067	2373	11.59	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144925	145521	146120	145522	0.41	cps
Antimony	121-1	1950	2559	2050	2186	14.92	cps
Arsenic	75-2	683	756	791	743	7.37	cps
Barium	135-1	230499	235134	230971	232201	1.10	cps
Barium	137-1	403377	405236	402069	403561	0.39	cps
Beryllium	9-1	2912	2789	2584	2761	6.00	cps
Bismuth	209-1	3558891	3532927	3556269	3549362	0.40	cps
Bismuth	209-2	1228062	1216975	1217907	1220981	0.50	cps
Boron	11-1	4067	3959	4209	4079	3.07	cps
Boron	10-1	783	850	850	828	4.65	cps
Cadmium	106-1	1842	1642	1592	1692	7.82	cps
Cadmium	108-1	58	79	54	64	20.97	cps
Cadmium	111-1	1940	1794	1556	1763	11.01	cps
Calcium	43-1	1018737	1010646	1016212	1015198	0.41	cps
Calcium	44-1	16746207	16680050	16781170	16735809	0.31	cps
Chromium	52-2	43247	42709	44093	43349	1.61	cps
Cobalt	59-2	52465	51665	51779	51970	0.83	cps
Copper	63-2	180536	181100	178580	180072	0.73	cps
Dysprosium	156-1	65255	65029	65348	65211	0.25	cps
Dysprosium	156-2	18220	18046	17866	18044	0.98	cps
Erbium	164-1	58876	61831	59855	60187	2.50	cps
Erbium	164-2	15066	15216	15169	15150	0.51	cps
Gadolinium	160-1	62760	62132	62442	62445	0.50	cps
Gadolinium	160-2	21114	21942	21755	21604	2.01	cps
Holmium	165-1	6377428	6343028	6333269	6351242	0.37	cps
Holmium	165-2	1749590	1717796	1740561	1735982	0.94	cps
Indium	115-1	6129299	6112970	6117442	6119904	0.14	cps
Indium	115-2	325974	325789	323438	325067	0.44	cps
Iron	56-2	37971863	38016777	37893120	37960587	0.16	cps
Iron	57-2	942612	944806	946731	944716	0.22	cps
Lead	206-1	53195	53167	53374	53245	0.21	cps
Lead	207-1	40075	39985	40002	40021	0.12	cps
Lead	208-1	197440	195692	196380	196504	0.45	cps
Lithium	6-1	730492	730489	724287	728423	0.49	cps
Magnesium	24-2	610665	613395	609460	611173	0.33	cps
Manganese	55-2	622644	617436	615064	618381	0.63	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12973	13149	12740	12954	1.58	cps
Molybdenum	94-1	11622	11739	11414	11592	1.42	cps
Molybdenum	95-1	7911	7703	8161	7925	2.90	cps
Molybdenum	96-1	10588	10388	10805	10594	1.97	cps
Molybdenum	97-1	5151	5085	5568	5268	4.97	cps
Neodymium	150-1	108143	106779	106672	107198	0.77	cps
Neodymium	150-2	17949	17612	18443	18001	2.32	cps
Nickel	60-2	14561	14321	14001	14294	1.97	cps
Phosphorus	31-2	1017	1042	1042	1033	1.40	cps
Potassium	39-2	28872	30668	30818	30119	3.59	cps
Rhodium	103-1	5829477	5822116	5847793	5833129	0.23	cps
Rhodium	103-2	1730096	1745192	1745180	1740156	0.50	cps
Scandium	45-1	4117237	4097821	4102995	4106017	0.24	cps
Scandium	45-2	38971	39148	38065	38728	1.50	cps
Selenium	77-2	113	107	123	114	7.33	cps
Selenium	78-2	43	50	54	49	11.60	cps
Selenium	82-1	137	82	-80	46	242.70	cps
Silicon	28-1	3296992	3365372	3302187	3321517	1.15	cps
Silver	109-1	1400	1417	1425	1414	0.90	cps
Silver	107-1	1258	1408	1433	1367	6.93	cps
Sodium	23-2	153552	156770	151406	153909	1.75	cps
Strontium	86-1	85744	86910	87237	86630	0.91	cps
Strontium	88-1	737047	740994	729849	735963	0.77	cps
Sulfur	34-1	334949	334561	334790	334767	0.06	cps
Terbium	159-1	6793662	6696341	6674308	6721437	0.94	cps
Terbium	159-2	1685205	1694989	1694318	1691504	0.32	cps
Thallium	203-1	775	717	767	753	4.19	cps
Thallium	205-1	1425	1467	1667	1520	8.50	cps
Tin	118-1	17587	17520	16544	17217	3.39	cps
Titanium	47-1	1126172	1123542	1113826	1121180	0.58	cps
Uranium	238-1	47300	49123	49073	48499	2.14	cps
Vanadium	51-2	57494	56861	55978	56778	1.34	cps
Yttrium	89-1	7874840	7884564	7884227	7881211	0.07	cps
Yttrium	89-2	290951	290843	289323	290372	0.31	cps
Zinc	66-2	23280	23741	23043	23354	1.52	cps
Zirconium	90-1	20141	19891	18847	19626	3.50	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:44:23	DataFile Name :	031SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4434	4167	3967	4190	5.59	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128233	127939	126510	127561	0.72	cps
Antimony	121-1	1342	1275	1308	1308	2.55	cps
Arsenic	75-2	506	465	489	486	4.21	cps
Barium	135-1	134746	129689	128957	131131	2.40	cps
Barium	137-1	227070	226475	224774	226107	0.53	cps
Beryllium	9-1	1567	1672	1683	1641	3.92	cps
Bismuth	209-1	3370078	3316303	3337239	3341207	0.81	cps
Bismuth	209-2	1165692	1186246	1168433	1173457	0.95	cps
Boron	11-1	2767	2700	2767	2745	1.40	cps
Boron	10-1	625	683	667	658	4.56	cps
Cadmium	106-1	1267	1433	1408	1370	6.56	cps
Cadmium	108-1	21	33	58	38	50.93	cps
Cadmium	111-1	1210	1238	1228	1226	1.19	cps
Calcium	43-1	109499	109475	109986	109653	0.26	cps
Calcium	44-1	1866431	1829540	1816989	1837653	1.40	cps
Chromium	52-2	28155	28158	28055	28123	0.21	cps
Cobalt	59-2	39352	39335	39326	39338	0.03	cps
Copper	63-2	205515	203365	202813	203898	0.70	cps
Dysprosium	156-1	49286	48382	48534	48734	0.99	cps
Dysprosium	156-2	11929	12670	12273	12290	3.02	cps
Erbium	164-1	39427	39620	39068	39372	0.71	cps
Erbium	164-2	10354	10448	10097	10300	1.76	cps
Gadolinium	160-1	41091	41392	40054	40846	1.72	cps
Gadolinium	160-2	14622	14438	14158	14406	1.62	cps
Holmium	165-1	6092770	6006017	6023696	6040828	0.76	cps
Holmium	165-2	1650357	1675674	1629617	1651883	1.40	cps
Indium	115-1	5962026	5946326	5872464	5926939	0.81	cps
Indium	115-2	322189	325287	319981	322486	0.83	cps
Iron	56-2	32680259	32668275	32695749	32681428	0.04	cps
Iron	57-2	820766	817780	815541	818029	0.32	cps
Lead	206-1	39462	38816	38581	38953	1.17	cps
Lead	207-1	25148	25571	25448	25389	0.86	cps
Lead	208-1	136396	135759	135810	135988	0.26	cps
Lithium	6-1	714691	713680	710485	712952	0.31	cps
Magnesium	24-2	303673	304332	303627	303877	0.13	cps
Manganese	55-2	185814	185297	186179	185763	0.24	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	19807	20024	20041	19957	0.65	cps
Molybdenum	94-1	10246	10146	10113	10168	0.68	cps
Molybdenum	95-1	12840	12356	12498	12565	1.98	cps
Molybdenum	96-1	14650	13949	14842	14481	3.24	cps
Molybdenum	97-1	7336	7644	7703	7561	2.61	cps
Neodymium	150-1	85015	84343	85438	84932	0.65	cps
Neodymium	150-2	15089	15566	15159	15271	1.69	cps
Nickel	60-2	16003	16383	15993	16126	1.38	cps
Phosphorus	31-2	517	892	883	764	28.03	cps
Potassium	39-2	27052	28396	29073	28174	3.65	cps
Rhodium	103-1	5701873	5751711	5665232	5706272	0.76	cps
Rhodium	103-2	1738698	1733429	1701060	1724395	1.18	cps
Scandium	45-1	3948610	3954231	3911843	3938228	0.58	cps
Scandium	45-2	38165	38456	38219	38280	0.40	cps
Selenium	77-2	93	57	47	66	37.48	cps
Selenium	78-2	52	39	39	43	17.32	cps
Selenium	82-1	-187	-98	-22	-102	-80.96	cps
Silicon	28-1	3834817	3694699	3821011	3783509	2.04	cps
Silver	109-1	1125	933	1217	1092	13.24	cps
Silver	107-1	1217	1325	1125	1222	8.19	cps
Sodium	23-2	16560	16577	17378	16838	2.78	cps
Strontium	86-1	65583	65181	64855	65206	0.56	cps
Strontium	88-1	553782	550394	547444	550540	0.58	cps
Sulfur	34-1	297275	295185	293388	295283	0.66	cps
Terbium	159-1	6392619	6404389	6306407	6367805	0.84	cps
Terbium	159-2	1663726	1656060	1594421	1638069	2.32	cps
Thallium	203-1	692	792	633	706	11.35	cps
Thallium	205-1	1875	1725	1534	1711	10.01	cps
Tin	118-1	7811	7202	7069	7361	5.37	cps
Titanium	47-1	813950	802897	798302	805050	1.00	cps
Uranium	238-1	66612	65280	66211	66034	1.04	cps
Vanadium	51-2	36197	35886	35405	35829	1.11	cps
Yttrium	89-1	7426193	7441902	7316279	7394792	0.93	cps
Yttrium	89-2	279328	279083	277659	278690	0.32	cps
Zinc	66-2	18049	17685	17908	17881	1.03	cps
Zirconium	90-1	9304	8845	9253	9134	2.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:47:32	DataFile Name :	032SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2375	2142	1950	2156	9.88	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141818	138318	140018	140051	1.25	cps
Antimony	121-1	3851	3817	4276	3981	6.42	cps
Arsenic	75-2	1504	1320	1346	1390	7.14	cps
Barium	135-1	375969	374194	372747	374303	0.43	cps
Barium	137-1	643932	644964	655874	648257	1.02	cps
Beryllium	9-1	1561	1433	1606	1533	5.83	cps
Bismuth	209-1	3409220	3359318	3355553	3374697	0.89	cps
Bismuth	209-2	1197004	1104301	1190864	1164056	4.45	cps
Boron	11-1	3942	4034	4184	4054	3.01	cps
Boron	10-1	742	967	892	867	13.22	cps
Cadmium	106-1	1592	1650	1617	1620	1.81	cps
Cadmium	108-1	179	154	217	183	17.16	cps
Cadmium	111-1	3002	2993	3068	3021	1.35	cps
Calcium	43-1	148048	146456	146794	147100	0.57	cps
Calcium	44-1	2501734	2464416	2479816	2481989	0.76	cps
Chromium	52-2	33894	33383	33206	33495	1.07	cps
Cobalt	59-2	30170	30139	30380	30230	0.43	cps
Copper	63-2	85296	84304	84642	84747	0.60	cps
Dysprosium	156-1	42102	42345	42821	42423	0.86	cps
Dysprosium	156-2	12583	12059	12236	12293	2.17	cps
Erbium	164-1	41467	41718	40857	41348	1.07	cps
Erbium	164-2	11192	10911	11072	11058	1.27	cps
Gadolinium	160-1	41593	41735	42638	41988	1.35	cps
Gadolinium	160-2	14885	14795	14742	14807	0.49	cps
Holmium	165-1	6066147	6075400	6036055	6059201	0.34	cps
Holmium	165-2	1683406	1550396	1656567	1630123	4.31	cps
Indium	115-1	5998377	5982224	5914586	5965062	0.75	cps
Indium	115-2	331464	305927	325948	321113	4.18	cps
Iron	56-2	28055573	28123327	27962618	28047173	0.29	cps
Iron	57-2	703854	691227	699544	698208	0.92	cps
Lead	206-1	220638	218044	223091	220591	1.14	cps
Lead	207-1	183848	180529	182840	182406	0.93	cps
Lead	208-1	856321	849802	849233	851786	0.46	cps
Lithium	6-1	713733	704377	717870	711993	0.97	cps
Magnesium	24-2	109923	111283	107907	109704	1.55	cps
Manganese	55-2	407046	403343	404742	405044	0.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7753	7936	8044	7911	1.86	cps
Molybdenum	94-1	7336	7894	7427	7552	3.97	cps
Molybdenum	95-1	5001	4951	5085	5012	1.35	cps
Molybdenum	96-1	6494	6677	6694	6621	1.68	cps
Molybdenum	97-1	3417	3601	3251	3423	5.12	cps
Neodymium	150-1	65216	64974	65035	65075	0.19	cps
Neodymium	150-2	11545	11348	11372	11422	0.94	cps
Nickel	60-2	10858	10938	11125	10973	1.25	cps
Phosphorus	31-2	525	550	500	525	4.76	cps
Potassium	39-2	16877	17203	17144	17075	1.02	cps
Rhodium	103-1	5715336	5763423	5794505	5757755	0.69	cps
Rhodium	103-2	1768545	1642816	1748888	1720083	3.93	cps
Scandium	45-1	3998372	4010381	3969181	3992645	0.53	cps
Scandium	45-2	39178	36374	38998	38183	4.11	cps
Selenium	77-2	97	47	47	63	45.58	cps
Selenium	78-2	35	48	44	43	15.67	cps
Selenium	82-1	-90	-23	63	-17	-459.91	cps
Silicon	28-1	3624197	3445631	3579856	3549895	2.62	cps
Silver	109-1	1867	1684	1317	1622	17.26	cps
Silver	107-1	1767	1734	1467	1656	9.93	cps
Sodium	23-2	72961	71079	72401	72147	1.34	cps
Strontium	86-1	102188	99899	102585	101557	1.43	cps
Strontium	88-1	859039	864858	852366	858754	0.73	cps
Sulfur	34-1	290267	287613	282147	286676	1.44	cps
Terbium	159-1	6520359	6420141	6476835	6472445	0.78	cps
Terbium	159-2	1655515	1564177	1631971	1617221	2.93	cps
Thallium	203-1	792	633	608	678	14.67	cps
Thallium	205-1	1750	1734	2017	1834	8.67	cps
Tin	118-1	10329	10129	10313	10257	1.08	cps
Titanium	47-1	510525	513247	503548	509106	0.98	cps
Uranium	238-1	16704	15844	16370	16306	2.66	cps
Vanadium	51-2	37908	37748	37972	37876	0.30	cps
Yttrium	89-1	7602884	7615500	7576362	7598249	0.26	cps
Yttrium	89-2	286958	270411	285229	280866	3.24	cps
Zinc	66-2	33781	33394	32742	33306	1.58	cps
Zirconium	90-1	12607	12998	12999	12868	1.76	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:50:42	DataFile Name :	033SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2642	2959	2759	2787	5.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130277	129025	127838	129047	0.95	cps
Antimony	121-1	13182	13733	13916	13610	2.81	cps
Arsenic	75-2	1187	1198	1174	1186	1.02	cps
Barium	135-1	335376	334575	337592	335847	0.47	cps
Barium	137-1	573417	585880	582893	580730	1.12	cps
Beryllium	9-1	1211	1472	1172	1285	12.69	cps
Bismuth	209-1	3596258	3583699	3574548	3584835	0.30	cps
Bismuth	209-2	1262251	1252907	1255060	1256739	0.39	cps
Boron	11-1	3351	3409	3584	3448	3.52	cps
Boron	10-1	917	850	867	878	3.95	cps
Cadmium	106-1	1867	1775	1775	1806	2.93	cps
Cadmium	108-1	375	292	350	339	12.62	cps
Cadmium	111-1	5053	5268	5448	5257	3.76	cps
Calcium	43-1	55193	53845	53076	54038	1.98	cps
Calcium	44-1	895254	897539	894223	895672	0.19	cps
Chromium	52-2	144393	142995	142718	143369	0.63	cps
Cobalt	59-2	15966	15702	16243	15970	1.69	cps
Copper	63-2	354815	351645	352512	352991	0.46	cps
Dysprosium	156-1	10963	11322	11005	11097	1.77	cps
Dysprosium	156-2	3244	3007	3247	3166	4.35	cps
Erbium	164-1	10855	10780	11038	10891	1.22	cps
Erbium	164-2	2904	2997	2807	2903	3.27	cps
Gadolinium	160-1	11022	11255	11038	11105	1.17	cps
Gadolinium	160-2	3854	3704	3657	3738	2.75	cps
Holmium	165-1	6092914	6164819	6087725	6115153	0.70	cps
Holmium	165-2	1672787	1650860	1651781	1658476	0.75	cps
Indium	115-1	6014911	5995375	5913337	5974541	0.90	cps
Indium	115-2	329865	326619	324618	327034	0.81	cps
Iron	56-2	19662825	19564442	19692298	19639855	0.34	cps
Iron	57-2	490494	490720	489372	490195	0.15	cps
Lead	206-1	893890	910446	906579	903638	0.96	cps
Lead	207-1	749664	743005	748163	746944	0.47	cps
Lead	208-1	3517059	3541508	3518852	3525806	0.39	cps
Lithium	6-1	709397	716078	710036	711837	0.52	cps
Magnesium	24-2	111031	110931	110728	110897	0.14	cps
Manganese	55-2	611084	606558	602122	606588	0.74	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13766	13507	13883	13719	1.40	cps
Molybdenum	94-1	6594	6052	6485	6377	4.50	cps
Molybdenum	95-1	9104	9170	8445	8906	4.50	cps
Molybdenum	96-1	9921	10046	10346	10104	2.16	cps
Molybdenum	97-1	5668	5660	5968	5765	3.05	cps
Neodymium	150-1	17572	17679	17652	17635	0.31	cps
Neodymium	150-2	3014	3037	2940	2997	1.68	cps
Nickel	60-2	9283	9160	9217	9220	0.67	cps
Phosphorus	31-2	2667	2417	2092	2392	12.06	cps
Potassium	39-2	14600	14658	14867	14708	0.95	cps
Rhodium	103-1	5812585	5771971	5782527	5789028	0.36	cps
Rhodium	103-2	1759313	1740716	1726664	1742231	0.94	cps
Scandium	45-1	3941447	3947346	3856350	3915048	1.30	cps
Scandium	45-2	38844	38095	37707	38215	1.51	cps
Selenium	77-2	30	13	7	17	72.11	cps
Selenium	78-2	26	19	13	19	34.00	cps
Selenium	82-1	104	228	161	164	38.00	cps
Silicon	28-1	4024032	3867281	3831310	3907541	2.62	cps
Silver	109-1	67679	66214	66682	66858	1.12	cps
Silver	107-1	69254	70334	71683	70424	1.73	cps
Sodium	23-2	12431	11989	12464	12295	2.16	cps
Strontium	86-1	66412	66957	67559	66976	0.86	cps
Strontium	88-1	567436	568593	570323	568784	0.26	cps
Sulfur	34-1	290639	292946	286160	289915	1.19	cps
Terbium	159-1	6423884	6541990	6437097	6467657	1.00	cps
Terbium	159-2	1676878	1654709	1642172	1657919	1.06	cps
Thallium	203-1	1100	875	817	931	16.08	cps
Thallium	205-1	1975	2100	2242	2106	6.34	cps
Tin	118-1	419539	417886	418527	418651	0.20	cps
Titanium	47-1	298557	288950	286317	291275	2.21	cps
Uranium	238-1	8003	8478	7953	8145	3.56	cps
Vanadium	51-2	27671	27380	26963	27338	1.30	cps
Yttrium	89-1	7000705	7025540	6989217	7005154	0.27	cps
Yttrium	89-2	262975	257120	260547	260214	1.13	cps
Zinc	66-2	26582	26135	25831	26183	1.44	cps
Zirconium	90-1	3176	3751	3526	3484	8.32	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:51	DataFile Name :	034SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	875	892	875	1.90	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70601	70382	68775	69920	1.43	cps
Antimony	121-1	6460	6218	6585	6421	2.90	cps
Arsenic	75-2	587	644	667	633	6.49	cps
Barium	135-1	232866	227153	229965	229995	1.24	cps
Barium	137-1	397414	396524	398784	397574	0.29	cps
Beryllium	9-1	1122	1189	1172	1161	2.99	cps
Bismuth	209-1	3345175	3376667	3371842	3364561	0.50	cps
Bismuth	209-2	1197199	1124644	1176448	1166097	3.20	cps
Boron	11-1	3801	3517	3567	3628	4.17	cps
Boron	10-1	767	783	725	758	3.96	cps
Cadmium	106-1	1233	1458	1158	1283	12.17	cps
Cadmium	108-1	75	71	63	69	9.17	cps
Cadmium	111-1	1457	1692	1455	1535	8.90	cps
Calcium	43-1	157423	156722	158074	157406	0.43	cps
Calcium	44-1	2629784	2652163	2653009	2644985	0.50	cps
Chromium	52-2	15242	14635	14638	14838	2.36	cps
Cobalt	59-2	19764	19377	19764	19635	1.14	cps
Copper	63-2	64827	63893	63605	64108	1.00	cps
Dysprosium	156-1	25618	24465	24975	25019	2.31	cps
Dysprosium	156-2	6979	7459	7272	7237	3.35	cps
Erbium	164-1	24273	23597	24199	24023	1.54	cps
Erbium	164-2	6208	6308	6305	6274	0.91	cps
Gadolinium	160-1	23923	23606	24207	23912	1.26	cps
Gadolinium	160-2	8563	8910	8623	8699	2.13	cps
Holmium	165-1	5953058	5995751	6086018	6011609	1.13	cps
Holmium	165-2	1682327	1583967	1640568	1635620	3.02	cps
Indium	115-1	5938109	5855874	5905215	5899733	0.70	cps
Indium	115-2	325865	306179	324192	318745	3.42	cps
Iron	56-2	16244793	16168284	16207799	16206958	0.24	cps
Iron	57-2	406671	403437	402725	404277	0.52	cps
Lead	206-1	157775	161739	160243	159919	1.25	cps
Lead	207-1	130902	132204	131908	131671	0.52	cps
Lead	208-1	614792	617984	620900	617892	0.49	cps
Lithium	6-1	703637	705519	705454	704870	0.15	cps
Magnesium	24-2	148223	149040	148316	148526	0.30	cps
Manganese	55-2	310211	308845	308946	309334	0.25	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12873	12740	12757	12790	0.57	cps
Molybdenum	94-1	6127	6627	6727	6494	4.95	cps
Molybdenum	95-1	8395	8178	7994	8189	2.45	cps
Molybdenum	96-1	9462	9195	9295	9317	1.45	cps
Molybdenum	97-1	4801	5276	5318	5132	5.60	cps
Neodymium	150-1	39400	38852	41132	39794	2.99	cps
Neodymium	150-2	7219	6872	7142	7078	2.57	cps
Nickel	60-2	7175	7319	7245	7246	0.99	cps
Phosphorus	31-2	683	617	558	619	10.10	cps
Potassium	39-2	14775	15226	14566	14856	2.27	cps
Rhodium	103-1	5680732	5738668	5734675	5718025	0.57	cps
Rhodium	103-2	1736161	1642326	1750810	1709766	3.44	cps
Scandium	45-1	3911337	3894188	3896228	3900584	0.24	cps
Scandium	45-2	37687	35171	37704	36854	3.96	cps
Selenium	77-2	50	37	27	38	30.98	cps
Selenium	78-2	31	15	19	22	40.51	cps
Selenium	82-1	-19	-20	55	5	812.35	cps
Silicon	28-1	3393256	3419802	3473877	3428978	1.20	cps
Silver	109-1	2084	2117	2342	2181	6.44	cps
Silver	107-1	2100	2134	2092	2109	1.05	cps
Sodium	23-2	24481	24438	24439	24453	0.10	cps
Strontium	86-1	81414	81535	80294	81081	0.84	cps
Strontium	88-1	677197	679975	673405	676859	0.49	cps
Sulfur	34-1	272360	271212	274722	272765	0.66	cps
Terbium	159-1	6292814	6373342	6369979	6345378	0.72	cps
Terbium	159-2	1670602	1544655	1603239	1606166	3.92	cps
Thallium	203-1	633	725	850	736	14.77	cps
Thallium	205-1	1784	1825	1775	1795	1.49	cps
Tin	118-1	18630	19407	19198	19078	2.11	cps
Titanium	47-1	326682	324229	323066	324659	0.57	cps
Uranium	238-1	12140	12248	12315	12234	0.72	cps
Vanadium	51-2	18890	19614	19016	19173	2.02	cps
Yttrium	89-1	7185327	7130192	7143453	7152991	0.40	cps
Yttrium	89-2	266546	251664	265923	261378	3.22	cps
Zinc	66-2	16951	16540	16550	16680	1.40	cps
Zirconium	90-1	5635	5168	5493	5432	4.41	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:57:00	DataFile Name :	035SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1400	983	1217	1200	17.40	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:10	DataFile Name :	036SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113820	110411	110797	111676	1.67	cps
Antimony	121-1	3892	3434	3667	3665	6.26	cps
Arsenic	75-2	611	615	593	606	1.96	cps
Barium	135-1	252408	253222	249752	251794	0.72	cps
Barium	137-1	438953	427140	425299	430464	1.72	cps
Beryllium	9-1	939	1156	1028	1041	10.46	cps
Bismuth	209-1	3384698	3164822	3446456	3331992	4.44	cps
Bismuth	209-2	1194741	1193856	1198067	1195555	0.19	cps
Boron	11-1	2484	1925	2634	2348	15.90	cps
Boron	10-1	567	717	467	583	21.57	cps
Cadmium	106-1	1375	1267	1275	1306	4.62	cps
Cadmium	108-1	96	104	121	107	11.90	cps
Cadmium	111-1	1837	1735	1696	1756	4.17	cps
Calcium	43-1	126660	125265	124128	125351	1.01	cps
Calcium	44-1	2136957	2141122	2134838	2137639	0.15	cps
Chromium	52-2	22408	22512	23056	22659	1.54	cps
Cobalt	59-2	18069	17885	17935	17963	0.53	cps
Copper	63-2	45438	44662	46364	45488	1.87	cps
Dysprosium	156-1	22095	21051	21060	21402	2.80	cps
Dysprosium	156-2	6078	6008	6018	6035	0.63	cps
Erbium	164-1	20759	20208	20742	20570	1.52	cps
Erbium	164-2	5488	5378	5491	5452	1.18	cps
Gadolinium	160-1	20459	21201	20517	20726	1.99	cps
Gadolinium	160-2	7396	7009	7422	7275	3.18	cps
Holmium	165-1	6031979	5665030	6078044	5925017	3.82	cps
Holmium	165-2	1671839	1675963	1654662	1667488	0.68	cps
Indium	115-1	5903142	5532709	5951580	5795810	3.95	cps
Indium	115-2	330733	324695	328543	327991	0.93	cps
Iron	56-2	13145583	13010812	13011712	13056035	0.59	cps
Iron	57-2	329047	323710	323519	325425	0.96	cps
Lead	206-1	230797	234093	234307	233066	0.84	cps
Lead	207-1	191351	192692	189140	191061	0.94	cps
Lead	208-1	892180	905567	893941	897229	0.81	cps
Lithium	6-1	699195	659616	707487	688766	3.71	cps
Magnesium	24-2	130829	128612	128954	129465	0.92	cps
Manganese	55-2	64100	63296	62864	63420	0.99	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:10	DataFile Name :	036SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9695	9946	9279	9640	3.50	cps
Molybdenum	94-1	5385	5026	4784	5065	5.96	cps
Molybdenum	95-1	5851	5685	5701	5746	1.60	cps
Molybdenum	96-1	7077	6802	6519	6799	4.11	cps
Molybdenum	97-1	3926	4117	4026	4023	2.38	cps
Neodymium	150-1	33563	33510	32274	33116	2.20	cps
Neodymium	150-2	5871	5778	5898	5849	1.08	cps
Nickel	60-2	7529	7599	7302	7477	2.08	cps
Phosphorus	31-2	383	433	392	403	6.65	cps
Potassium	39-2	15618	15551	15826	15665	0.92	cps
Rhodium	103-1	5758314	5383979	5682892	5608395	3.53	cps
Rhodium	103-2	1747670	1742571	1724937	1738393	0.69	cps
Scandium	45-1	3886789	3632670	3954172	3824544	4.43	cps
Scandium	45-2	38409	38185	38031	38209	0.50	cps
Selenium	77-2	33	23	47	34	34.00	cps
Selenium	78-2	22	31	28	27	17.16	cps
Selenium	82-1	-60	-96	98	-19	-532.80	cps
Silicon	28-1	3283378	3198998	3218535	3233637	1.37	cps
Silver	109-1	3017	2925	2859	2934	2.71	cps
Silver	107-1	2900	2684	3009	2864	5.78	cps
Sodium	23-2	36915	36573	36565	36684	0.55	cps
Strontium	86-1	66939	68414	67065	67473	1.21	cps
Strontium	88-1	576800	570649	567387	571612	0.84	cps
Sulfur	34-1	266161	268368	266543	267024	0.44	cps
Terbium	159-1	6464251	5971464	6405236	6280317	4.28	cps
Terbium	159-2	1659609	1644226	1695135	1666323	1.57	cps
Thallium	203-1	750	883	883	839	9.18	cps
Thallium	205-1	2334	2025	1967	2109	9.35	cps
Tin	118-1	15368	14951	14984	15101	1.54	cps
Titanium	47-1	338276	336518	336973	337256	0.27	cps
Uranium	238-1	11056	10872	10855	10928	1.02	cps
Vanadium	51-2	29551	28402	28713	28889	2.06	cps
Yttrium	89-1	7165648	6582637	7035390	6927892	4.42	cps
Yttrium	89-2	264080	261171	263304	262852	0.57	cps
Zinc	66-2	15035	14695	14998	14909	1.25	cps
Zirconium	90-1	4934	4834	4676	4815	2.71	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:10	DataFile Name :	036SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	967	950	1020	10.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165437	162066	162309	163271	1.15	cps
Antimony	121-1	6410	6260	6377	6349	1.24	cps
Arsenic	75-2	1333	1365	1374	1357	1.57	cps
Barium	135-1	373508	370062	368147	370573	0.73	cps
Barium	137-1	643279	636694	645920	641964	0.74	cps
Beryllium	9-1	1233	1172	1083	1163	6.49	cps
Bismuth	209-1	3471634	3425783	3420123	3439180	0.82	cps
Bismuth	209-2	1180576	1210375	1208762	1199904	1.40	cps
Boron	11-1	6327	6994	6310	6543	5.96	cps
Boron	10-1	1267	1283	1492	1347	9.31	cps
Cadmium	106-1	1508	1584	1542	1545	2.43	cps
Cadmium	108-1	192	108	167	156	27.49	cps
Cadmium	111-1	3047	3033	3088	3056	0.93	cps
Calcium	43-1	162507	163339	163070	162972	0.26	cps
Calcium	44-1	2701127	2688827	2721060	2703671	0.60	cps
Chromium	52-2	35980	36364	36047	36130	0.57	cps
Cobalt	59-2	21460	21253	21270	21328	0.54	cps
Copper	63-2	185537	185814	183004	184785	0.84	cps
Dysprosium	156-1	22470	21702	22103	22092	1.74	cps
Dysprosium	156-2	6225	6272	6225	6240	0.43	cps
Erbium	164-1	22153	22520	23681	22785	3.50	cps
Erbium	164-2	5841	5805	5985	5877	1.62	cps
Gadolinium	160-1	21518	21452	21711	21560	0.62	cps
Gadolinium	160-2	7316	7719	7659	7565	2.88	cps
Holmium	165-1	6083033	6105515	6075598	6088049	0.26	cps
Holmium	165-2	1654198	1696067	1676006	1675424	1.25	cps
Indium	115-1	6053228	5920517	6067253	6013666	1.35	cps
Indium	115-2	318811	328074	323222	323369	1.43	cps
Iron	56-2	17097591	16882788	16759007	16913128	1.01	cps
Iron	57-2	425115	418864	415230	419737	1.19	cps
Lead	206-1	343001	336466	339838	339768	0.96	cps
Lead	207-1	282646	281717	281232	281865	0.25	cps
Lead	208-1	1329409	1308221	1305652	1314427	0.99	cps
Lithium	6-1	708591	710173	702630	707131	0.56	cps
Magnesium	24-2	116358	116147	116567	116357	0.18	cps
Manganese	55-2	262063	256866	254829	257919	1.45	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10605	11147	10855	10869	2.50	cps
Molybdenum	94-1	6935	6343	6752	6677	4.54	cps
Molybdenum	95-1	6927	6544	6560	6677	3.25	cps
Molybdenum	96-1	8670	8295	7936	8300	4.42	cps
Molybdenum	97-1	4159	4484	4609	4418	5.26	cps
Neodymium	150-1	34740	33490	35201	34477	2.57	cps
Neodymium	150-2	6245	5968	6011	6075	2.45	cps
Nickel	60-2	10384	9633	9930	9983	3.79	cps
Phosphorus	31-2	817	550	650	672	20.04	cps
Potassium	39-2	18505	19205	19656	19122	3.03	cps
Rhodium	103-1	5815523	5797146	5808807	5807159	0.16	cps
Rhodium	103-2	1698420	1743093	1732274	1724596	1.35	cps
Scandium	45-1	3963568	3927163	3939703	3943478	0.47	cps
Scandium	45-2	36528	37791	38132	37483	2.25	cps
Selenium	77-2	47	37	20	34	39.11	cps
Selenium	78-2	17	17	17	17	0.00	cps
Selenium	82-1	-21	124	-46	19	478.75	cps
Silicon	28-1	3449765	3465657	3429354	3448259	0.53	cps
Silver	109-1	8286	8470	8536	8431	1.54	cps
Silver	107-1	8678	8887	8662	8742	1.44	cps
Sodium	23-2	17186	16861	17119	17055	1.01	cps
Strontium	86-1	99604	99234	97263	98700	1.28	cps
Strontium	88-1	839464	823847	834726	832679	0.96	cps
Sulfur	34-1	267483	266527	265262	266424	0.42	cps
Terbium	159-1	6488714	6548684	6452904	6496767	0.74	cps
Terbium	159-2	1614227	1653648	1688066	1651980	2.24	cps
Thallium	203-1	650	608	675	644	5.23	cps
Thallium	205-1	1467	1550	1675	1564	6.71	cps
Tin	118-1	100938	99761	100199	100299	0.59	cps
Titanium	47-1	522873	521772	522822	522489	0.12	cps
Uranium	238-1	9829	9713	9871	9804	0.84	cps
Vanadium	51-2	28790	27821	28533	28381	1.77	cps
Yttrium	89-1	7232146	7120343	7239788	7197426	0.93	cps
Yttrium	89-2	260691	267053	265576	264440	1.26	cps
Zinc	66-2	26058	26298	25537	25964	1.50	cps
Zirconium	90-1	8253	7786	8103	8047	2.96	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:03:20	DataFile Name :	037SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1925	1642	1600	1722	10.27	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7160	7394	7202	7252	1.72	cps
Antimony	121-1	108	150	158	139	19.29	cps
Arsenic	75-2	26	20	31	26	21.43	cps
Barium	135-1	5843	5827	6152	5941	3.08	cps
Barium	137-1	10063	10838	10721	10541	3.97	cps
Beryllium	9-1	72	94	78	81	14.20	cps
Bismuth	209-1	3360486	3348952	3341969	3350469	0.28	cps
Bismuth	209-2	1159222	1109788	1207113	1158708	4.20	cps
Boron	11-1	1517	1525	1600	1547	2.97	cps
Boron	10-1	450	317	383	383	17.39	cps
Cadmium	106-1	1133	1292	1484	1303	13.45	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	810	935	1058	934	13.28	cps
Calcium	43-1	8536	8903	7969	8470	5.56	cps
Calcium	44-1	142719	141288	140885	141631	0.68	cps
Chromium	52-2	2730	2447	2660	2613	5.65	cps
Cobalt	59-2	1800	1750	1647	1732	4.51	cps
Copper	63-2	11478	11982	11732	11731	2.15	cps
Dysprosium	156-1	1909	2034	2025	1989	3.51	cps
Dysprosium	156-2	493	497	450	480	5.42	cps
Erbium	164-1	1700	1558	1634	1631	4.35	cps
Erbium	164-2	470	430	470	457	5.06	cps
Gadolinium	160-1	1634	1717	1792	1714	4.62	cps
Gadolinium	160-2	610	657	577	614	6.54	cps
Holmium	165-1	6075180	5992205	6013386	6026923	0.72	cps
Holmium	165-2	1621193	1519615	1667793	1602867	4.73	cps
Indium	115-1	6008896	5966879	5905140	5960305	0.88	cps
Indium	115-2	320612	306562	331807	319660	3.96	cps
Iron	56-2	1774470	1766578	1771265	1770771	0.22	cps
Iron	57-2	43334	43747	42811	43297	1.08	cps
Lead	206-1	2306	2395	2189	2297	4.49	cps
Lead	207-1	1667	1811	1767	1748	4.23	cps
Lead	208-1	8529	8918	8701	8716	2.24	cps
Lithium	6-1	666427	669587	669429	668481	0.27	cps
Magnesium	24-2	21567	20791	21108	21155	1.84	cps
Manganese	55-2	11004	11158	11145	11102	0.77	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2617	2542	2267	2475	7.45	cps
Molybdenum	94-1	1150	1192	1150	1164	2.07	cps
Molybdenum	95-1	1600	1609	1542	1583	2.29	cps
Molybdenum	96-1	1984	2017	1692	1897	9.43	cps
Molybdenum	97-1	1233	1217	1083	1178	6.98	cps
Neodymium	150-1	3541	3761	4034	3778	6.54	cps
Neodymium	150-2	763	577	630	657	14.64	cps
Nickel	60-2	620	820	690	710	14.29	cps
Phosphorus	31-2	50	33	25	36	35.25	cps
Potassium	39-2	4217	4192	4084	4165	1.70	cps
Rhodium	103-1	5775063	5791495	5742650	5769736	0.43	cps
Rhodium	103-2	1695833	1625166	1761849	1694283	4.03	cps
Scandium	45-1	3832948	3858272	3859544	3850255	0.39	cps
Scandium	45-2	36919	34720	38132	36590	4.73	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	9	6	0	5	94.35	cps
Selenium	82-1	-184	-54	-137	-125	-52.36	cps
Silicon	28-1	619852	611391	614503	615249	0.70	cps
Silver	109-1	225	225	192	214	9.00	cps
Silver	107-1	333	183	250	256	29.41	cps
Sodium	23-2	5068	5068	4768	4968	3.49	cps
Strontium	86-1	3526	3651	3517	3565	2.10	cps
Strontium	88-1	21576	20249	20024	20616	4.07	cps
Sulfur	34-1	254567	256377	252644	254529	0.73	cps
Terbium	159-1	6436056	6413773	6274079	6374636	1.38	cps
Terbium	159-2	1618334	1511472	1677929	1602578	5.26	cps
Thallium	203-1	133	117	150	133	12.50	cps
Thallium	205-1	283	283	275	281	1.72	cps
Tin	118-1	1008	967	967	981	2.45	cps
Titanium	47-1	46997	47465	45901	46788	1.72	cps
Uranium	238-1	1784	1425	1550	1586	11.47	cps
Vanadium	51-2	1793	1647	1747	1729	4.33	cps
Yttrium	89-1	6632761	6676650	6672120	6660510	0.36	cps
Yttrium	89-2	246092	237477	255150	246239	3.59	cps
Zinc	66-2	1030	1067	1087	1061	2.71	cps
Zirconium	90-1	717	733	783	745	4.66	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:06:28	DataFile Name :	038SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	92	167	150	34.70	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7094	7319	6735	7049	4.18	cps
Antimony	121-1	117	117	100	111	8.66	cps
Arsenic	75-2	24	24	17	22	19.78	cps
Barium	135-1	6569	6377	5918	6288	5.31	cps
Barium	137-1	10913	10563	10488	10655	2.13	cps
Beryllium	9-1	111	133	106	117	12.60	cps
Bismuth	209-1	3360141	3253747	3331162	3315017	1.66	cps
Bismuth	209-2	1185466	1203478	1185904	1191616	0.86	cps
Boron	11-1	1642	1433	1458	1511	7.53	cps
Boron	10-1	400	292	350	347	15.62	cps
Cadmium	106-1	1075	1158	1233	1156	6.85	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Cadmium	111-1	772	828	883	828	6.70	cps
Calcium	43-1	8645	8670	9062	8792	2.66	cps
Calcium	44-1	138831	141601	139864	140098	1.00	cps
Chromium	52-2	2704	2677	2617	2666	1.67	cps
Cobalt	59-2	1700	1860	1873	1811	5.33	cps
Copper	63-2	11261	11535	11642	11479	1.71	cps
Dysprosium	156-1	2225	2084	2059	2123	4.24	cps
Dysprosium	156-2	523	480	543	516	6.28	cps
Erbium	164-1	1784	2342	1684	1936	18.33	cps
Erbium	164-2	450	513	460	474	7.18	cps
Gadolinium	160-1	1809	1775	1709	1764	2.89	cps
Gadolinium	160-2	607	693	583	628	9.23	cps
Holmium	165-1	5944807	5765717	5950590	5887038	1.79	cps
Holmium	165-2	1674996	1673672	1681497	1676722	0.25	cps
Indium	115-1	5885659	5765090	5917610	5856120	1.37	cps
Indium	115-2	328318	333246	325633	329066	1.17	cps
Iron	56-2	1782920	1764381	1751692	1766331	0.89	cps
Iron	57-2	43257	43853	41941	43017	2.27	cps
Lead	206-1	2272	2223	2423	2306	4.51	cps
Lead	207-1	1956	1800	1806	1854	4.76	cps
Lead	208-1	9002	8802	9146	8983	1.93	cps
Lithium	6-1	660774	642908	657447	653710	1.45	cps
Magnesium	24-2	22126	21225	21392	21581	2.22	cps
Manganese	55-2	11158	10811	11085	11018	1.66	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2400	2242	2392	2345	3.80	cps
Molybdenum	94-1	1742	1575	1634	1650	5.12	cps
Molybdenum	95-1	1534	1525	1525	1528	0.32	cps
Molybdenum	96-1	1959	1875	1709	1847	6.89	cps
Molybdenum	97-1	917	1033	1042	997	7.01	cps
Neodymium	150-1	3807	3727	3721	3752	1.29	cps
Neodymium	150-2	750	753	687	730	5.15	cps
Nickel	60-2	617	730	710	686	8.82	cps
Phosphorus	31-2	25	42	8	25	66.68	cps
Potassium	39-2	4017	4309	3859	4062	5.62	cps
Rhodium	103-1	5746213	5639351	5716503	5700689	0.97	cps
Rhodium	103-2	1764801	1737730	1745129	1749220	0.80	cps
Scandium	45-1	3898275	3764495	3895275	3852682	1.98	cps
Scandium	45-2	37697	38195	38780	38224	1.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-126	-152	-112	-130	-15.69	cps
Silicon	28-1	613295	626750	609871	616639	1.45	cps
Silver	109-1	183	242	225	217	13.87	cps
Silver	107-1	225	200	333	253	28.04	cps
Sodium	23-2	4859	4934	4893	4896	0.77	cps
Strontium	86-1	4059	3776	4009	3948	3.83	cps
Strontium	88-1	20191	20883	20224	20433	1.91	cps
Sulfur	34-1	262894	262520	262512	262642	0.08	cps
Terbium	159-1	6449258	6120846	6318763	6296289	2.63	cps
Terbium	159-2	1657557	1659646	1654508	1657237	0.16	cps
Thallium	203-1	133	133	125	131	3.68	cps
Thallium	205-1	233	242	275	250	8.82	cps
Tin	118-1	833	800	942	858	8.63	cps
Titanium	47-1	47732	48259	47499	47830	0.81	cps
Uranium	238-1	1609	1775	1509	1631	8.26	cps
Vanadium	51-2	1757	1790	1790	1779	1.08	cps
Yttrium	89-1	6682461	6586107	6714678	6661082	1.00	cps
Yttrium	89-2	254527	258653	252363	255181	1.25	cps
Zinc	66-2	987	1000	997	994	0.70	cps
Zirconium	90-1	2559	2484	2325	2456	4.85	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:09:38	DataFile Name :	039SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	567	425	517	15.39	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401597	400440	398181	400073	0.43	cps
Antimony	121-1	4880029	4954806	4972620	4935819	1.00	cps
Arsenic	75-2	71655	72074	72226	71985	0.41	cps
Barium	135-1	4799336	4865248	4926211	4863598	1.30	cps
Barium	137-1	8228025	8249305	8394121	8290484	1.09	cps
Beryllium	9-1	629594	632807	626735	629712	0.48	cps
Bismuth	209-1	3408148	3456227	3490758	3451711	1.20	cps
Bismuth	209-2	1218954	1225583	1228498	1224345	0.40	cps
Boron	11-1	344726	350706	353828	349753	1.32	cps
Boron	10-1	74920	77140	76504	76188	1.50	cps
Cadmium	106-1	114222	113232	112366	113274	0.82	cps
Cadmium	108-1	76277	77236	76704	76739	0.63	cps
Cadmium	111-1	1096819	1095141	1101091	1097684	0.28	cps
Calcium	43-1	5998580	6077780	5980324	6018895	0.86	cps
Calcium	44-1	97988804	99229567	98442979	98553783	0.64	cps
Chromium	52-2	608778	603566	599932	604092	0.74	cps
Cobalt	59-2	1190187	1195545	1182122	1189285	0.57	cps
Copper	63-2	2024905	2028025	2001274	2018068	0.72	cps
Dysprosium	156-1	125	133	117	125	6.67	cps
Dysprosium	156-2	7	20	17	14	48.02	cps
Erbium	164-1	67	108	67	81	29.86	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	83	142	108	111	26.34	cps
Gadolinium	160-2	13	30	23	22	37.76	cps
Holmium	165-1	6364662	6386416	6435234	6395437	0.57	cps
Holmium	165-2	1779832	1790011	1782209	1784017	0.30	cps
Indium	115-1	5949582	6042308	6032263	6008051	0.85	cps
Indium	115-2	324155	325019	324710	324628	0.13	cps
Iron	56-2	96156330	96974058	94601052	95910480	1.26	cps
Iron	57-2	2406517	2402792	2412821	2407377	0.21	cps
Lead	206-1	2245022	2321121	2277625	2281256	1.67	cps
Lead	207-1	2057540	2085622	2080930	2074697	0.73	cps
Lead	208-1	9160712	9320705	9337513	9272977	1.05	cps
Lithium	6-1	660037	658963	661690	660230	0.21	cps
Magnesium	24-2	9858328	9694214	9722906	9758483	0.90	cps
Manganese	55-2	341569	341789	338179	340512	0.59	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3671937	3709597	3734268	3705267	0.85	cps
Molybdenum	94-1	4008013	4009884	4014643	4010847	0.09	cps
Molybdenum	95-1	2299043	2299148	2320268	2306153	0.53	cps
Molybdenum	96-1	2923874	2912485	2895997	2910785	0.48	cps
Molybdenum	97-1	1442357	1425512	1452650	1440173	0.95	cps
Neodymium	150-1	260	167	220	216	21.72	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	348372	348130	348552	348352	0.06	cps
Phosphorus	31-2	6093	6644	6819	6518	5.81	cps
Potassium	39-2	3174396	3190327	3157889	3174204	0.51	cps
Rhodium	103-1	5571526	5701771	5717169	5663488	1.41	cps
Rhodium	103-2	1697938	1695529	1661340	1684936	1.21	cps
Scandium	45-1	3979277	4011232	3929658	3973389	1.03	cps
Scandium	45-2	38031	38734	37868	38211	1.20	cps
Selenium	77-2	500	473	517	497	4.40	cps
Selenium	78-2	1806	1811	1946	1854	4.30	cps
Selenium	82-1	72580	73448	73180	73069	0.61	cps
Silicon	28-1	2189931	2198525	2190040	2192832	0.22	cps
Silver	109-1	5088481	5051071	5043206	5060919	0.48	cps
Silver	107-1	5376025	5407953	5419186	5401055	0.41	cps
Sodium	23-2	23870943	23911840	23572220	23785001	0.78	cps
Strontium	86-1	1513693	1537075	1502002	1517590	1.18	cps
Strontium	88-1	12727019	12689993	12808830	12741947	0.48	cps
Sulfur	34-1	676749	677864	673940	676184	0.30	cps
Terbium	159-1	6710813	6743900	6735124	6729946	0.25	cps
Terbium	159-2	1770488	1765675	1774193	1770119	0.24	cps
Thallium	203-1	2824457	2888630	2875454	2862847	1.18	cps
Thallium	205-1	6600213	6670517	6604493	6625074	0.59	cps
Tin	118-1	3449760	3450555	3495623	3465313	0.76	cps
Titanium	47-1	612942	624302	621161	619468	0.95	cps
Uranium	238-1	8178799	8167945	8390229	8245658	1.52	cps
Vanadium	51-2	431690	430828	427125	429881	0.56	cps
Yttrium	89-1	6846392	6854825	6913776	6871664	0.53	cps
Yttrium	89-2	256482	255961	254037	255493	0.50	cps
Zinc	66-2	192853	196626	193128	194202	1.08	cps
Zirconium	90-1	7496816	7521361	7508410	7508862	0.16	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:12:47	DataFile Name :	040CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1653071	1684954	1678237	1672088	1.01	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	33	17	86.62	cps
Antimony	121-1	1242	1250	1167	1220	3.76	cps
Arsenic	75-2	9	15	9	11	28.84	cps
Barium	135-1	58	67	58	61	7.87	cps
Barium	137-1	83	50	83	72	26.65	cps
Beryllium	9-1	111	67	83	87	25.79	cps
Bismuth	209-1	3611676	3507773	3613201	3577550	1.69	cps
Bismuth	209-2	1260062	1253069	1252907	1255346	0.33	cps
Boron	11-1	8495	7886	7402	7928	6.90	cps
Boron	10-1	1867	1792	1583	1747	8.40	cps
Cadmium	106-1	1175	1225	1158	1186	2.92	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Cadmium	111-1	849	878	813	847	3.84	cps
Calcium	43-1	3792	3176	3176	3381	10.53	cps
Calcium	44-1	60581	60866	59410	60286	1.28	cps
Chromium	52-2	1007	1053	1003	1021	2.74	cps
Cobalt	59-2	20	47	23	30	48.44	cps
Copper	63-2	303	377	293	324	14.03	cps
Dysprosium	156-1	17	33	8	19	65.48	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	6420882	6178675	6356224	6318594	1.98	cps
Holmium	165-2	1759431	1729087	1713355	1733958	1.35	cps
Indium	115-1	6167337	6060344	6256903	6161528	1.60	cps
Indium	115-2	335958	336314	335464	335912	0.13	cps
Iron	56-2	4262	4012	3990	4088	3.70	cps
Iron	57-2	111	128	78	106	24.12	cps
Lead	206-1	450	489	533	491	8.50	cps
Lead	207-1	478	400	450	443	8.91	cps
Lead	208-1	2095	1917	1956	1989	4.70	cps
Lithium	6-1	684878	666649	682896	678141	1.47	cps
Magnesium	24-2	133	117	175	142	21.21	cps
Manganese	55-2	40	67	57	54	24.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	217	292	256	14.70	cps
Molybdenum	94-1	517	650	475	547	16.71	cps
Molybdenum	95-1	267	150	92	169	52.59	cps
Molybdenum	96-1	258	367	342	322	17.60	cps
Molybdenum	97-1	225	275	333	278	19.52	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	77	63	77	17.39	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	3692	3751	3659	3701	1.25	cps
Rhodium	103-1	5922170	5784462	5958402	5888345	1.56	cps
Rhodium	103-2	1793272	1791701	1783299	1789424	0.30	cps
Scandium	45-1	3932641	3833631	3914565	3893612	1.35	cps
Scandium	45-2	36882	37761	37413	37352	1.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	-162	-105	-143	-136	-21.31	cps
Silicon	28-1	393913	389683	391001	391532	0.55	cps
Silver	109-1	383	450	283	372	22.54	cps
Silver	107-1	375	400	450	408	9.35	cps
Sodium	23-2	9195	8420	8061	8558	6.77	cps
Strontium	86-1	1425	1475	1567	1489	4.83	cps
Strontium	88-1	467	450	492	469	4.47	cps
Sulfur	34-1	340838	339142	338737	339572	0.33	cps
Terbium	159-1	6697697	6508838	6781696	6662744	2.10	cps
Terbium	159-2	1751494	1719864	1706463	1725940	1.34	cps
Thallium	203-1	500	492	425	472	8.70	cps
Thallium	205-1	1300	1050	1000	1117	14.40	cps
Tin	118-1	1283	1425	1317	1342	5.52	cps
Titanium	47-1	167	167	183	172	5.59	cps
Uranium	238-1	92	125	58	92	36.36	cps
Vanadium	51-2	3	23	27	18	71.00	cps
Yttrium	89-1	6807737	6663533	6834278	6768516	1.36	cps
Yttrium	89-2	252003	250121	253536	251887	0.68	cps
Zinc	66-2	83	67	87	79	13.58	cps
Zirconium	90-1	1208	1250	1033	1164	9.88	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:15:46	DataFile Name :	041CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	308	208	258	19.36	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7127	7027	7277	7144	1.76	cps
Antimony	121-1	9887	9254	8678	9273	6.52	cps
Arsenic	75-2	72	67	83	74	11.45	cps
Barium	135-1	42328	42703	42143	42391	0.67	cps
Barium	137-1	75357	73027	71452	73279	2.68	cps
Beryllium	9-1	761	617	711	696	10.54	cps
Bismuth	209-1	3547130	3426867	3460719	3478239	1.78	cps
Bismuth	209-2	1239426	1171296	1243230	1217984	3.32	cps
Boron	11-1	2384	2450	2234	2356	4.71	cps
Boron	10-1	842	458	492	597	35.56	cps
Cadmium	106-1	1609	1292	1325	1408	12.36	cps
Cadmium	108-1	92	67	96	85	18.62	cps
Cadmium	111-1	2220	1870	1898	1996	9.75	cps
Calcium	43-1	8670	8361	8511	8514	1.81	cps
Calcium	44-1	144722	143626	139639	142662	1.88	cps
Chromium	52-2	4954	4801	5018	4924	2.26	cps
Cobalt	59-2	13747	13757	13614	13706	0.58	cps
Copper	63-2	15212	15869	15919	15667	2.52	cps
Dysprosium	156-1	2292	2125	2142	2186	4.20	cps
Dysprosium	156-2	510	513	497	507	1.74	cps
Erbium	164-1	1917	1575	1584	1692	11.52	cps
Erbium	164-2	410	443	400	418	5.43	cps
Gadolinium	160-1	1925	1875	1709	1836	6.18	cps
Gadolinium	160-2	743	637	650	677	8.59	cps
Holmium	165-1	6276939	6133514	6090083	6166845	1.59	cps
Holmium	165-2	1722855	1613325	1742585	1692922	4.11	cps
Indium	115-1	6058034	6010743	6032544	6033774	0.39	cps
Indium	115-2	334831	316722	334803	328785	3.18	cps
Iron	56-2	1703866	1739366	1730160	1724464	1.07	cps
Iron	57-2	42282	42376	42225	42294	0.18	cps
Lead	206-1	3645	3856	3562	3688	4.12	cps
Lead	207-1	2967	2873	3006	2949	2.33	cps
Lead	208-1	14565	14604	14910	14693	1.29	cps
Lithium	6-1	685500	683091	675874	681488	0.73	cps
Magnesium	24-2	19606	19581	20749	19979	3.34	cps
Manganese	55-2	12242	12132	11755	12043	2.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2442	2359	2242	2348	4.28	cps
Molybdenum	94-1	1000	1258	1258	1172	12.72	cps
Molybdenum	95-1	1659	1492	1383	1511	9.17	cps
Molybdenum	96-1	1950	1550	1850	1784	11.67	cps
Molybdenum	97-1	1083	1158	1233	1158	6.47	cps
Neodymium	150-1	4434	4047	4268	4250	4.57	cps
Neodymium	150-2	787	757	790	778	2.36	cps
Nickel	60-2	4287	4231	4321	4280	1.06	cps
Phosphorus	31-2	33	42	42	39	12.38	cps
Potassium	39-2	4668	4476	4543	4562	2.13	cps
Rhodium	103-1	5891344	5855297	5778462	5841701	0.99	cps
Rhodium	103-2	1788530	1695148	1782800	1755493	2.98	cps
Scandium	45-1	3917776	3925579	3899025	3914127	0.35	cps
Scandium	45-2	37694	36437	38640	37590	2.94	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	15	7	11	11	33.30	cps
Selenium	82-1	0	82	173	85	102.08	cps
Silicon	28-1	636647	630866	619681	629065	1.37	cps
Silver	109-1	3792	4009	3867	3890	2.83	cps
Silver	107-1	4109	4318	4201	4209	2.48	cps
Sodium	23-2	6102	6235	6402	6246	2.41	cps
Strontium	86-1	3484	3692	3867	3681	5.21	cps
Strontium	88-1	19640	20082	20099	19940	1.31	cps
Sulfur	34-1	336253	335172	336896	336107	0.26	cps
Terbium	159-1	6575284	6475370	6525533	6525396	0.77	cps
Terbium	159-2	1722497	1614268	1703233	1679999	3.44	cps
Thallium	203-1	2934	3176	2709	2939	7.94	cps
Thallium	205-1	6861	6585	6494	6646	2.87	cps
Tin	118-1	1117	1100	950	1056	8.70	cps
Titanium	47-1	46503	46612	45985	46367	0.72	cps
Uranium	238-1	1542	1642	1942	1709	12.19	cps
Vanadium	51-2	6105	6015	5711	5944	3.47	cps
Yttrium	89-1	6876374	6807939	6742839	6809051	0.98	cps
Yttrium	89-2	259792	242470	258152	253471	3.77	cps
Zinc	66-2	2040	1997	1900	1979	3.62	cps
Zirconium	90-1	1058	1083	1067	1070	1.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDX22L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-25 14:25:51	DataFile Name :	042SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	342	150	253	38.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1492	1533	1472	4.95	cps
Antimony	121-1	192	175	142	169	15.03	cps
Arsenic	75-2	11	9	4	8	48.07	cps
Barium	135-1	1300	1225	1175	1233	5.10	cps
Barium	137-1	2175	1909	2300	2128	9.40	cps
Beryllium	9-1	39	39	50	43	15.06	cps
Bismuth	209-1	3445288	3381934	3479307	3435510	1.44	cps
Bismuth	209-2	1232637	1227042	1209178	1222952	1.00	cps
Boron	11-1	2059	2150	2084	2097	2.26	cps
Boron	10-1	475	442	367	428	12.97	cps
Cadmium	106-1	1158	1233	1033	1142	8.85	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Cadmium	111-1	816	883	731	810	9.36	cps
Calcium	43-1	4459	4376	4709	4515	3.84	cps
Calcium	44-1	74992	76149	74883	75341	0.93	cps
Chromium	52-2	1460	1170	1313	1315	11.03	cps
Cobalt	59-2	377	423	380	393	6.62	cps
Copper	63-2	2450	2324	2454	2409	3.08	cps
Dysprosium	156-1	383	408	417	403	4.31	cps
Dysprosium	156-2	113	140	80	111	27.06	cps
Erbium	164-1	300	442	358	367	19.42	cps
Erbium	164-2	83	67	110	87	25.22	cps
Gadolinium	160-1	317	400	417	378	14.18	cps
Gadolinium	160-2	140	157	103	133	20.46	cps
Holmium	165-1	6136455	6083143	6125275	6114958	0.46	cps
Holmium	165-2	1718959	1700136	1689303	1702799	0.88	cps
Indium	115-1	6006489	6020836	6061419	6029581	0.47	cps
Indium	115-2	337917	334736	335073	335909	0.52	cps
Iron	56-2	340714	338619	338194	339176	0.40	cps
Iron	57-2	8731	8753	9092	8859	2.29	cps
Lead	206-1	983	856	878	906	7.54	cps
Lead	207-1	750	806	822	793	4.77	cps
Lead	208-1	3650	3656	3445	3584	3.36	cps
Lithium	6-1	673759	676362	678471	676197	0.35	cps
Magnesium	24-2	4368	4509	4126	4334	4.47	cps
Manganese	55-2	2054	2407	2120	2194	8.56	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	517	617	508	547	11.02	cps
Molybdenum	94-1	375	258	325	319	18.32	cps
Molybdenum	95-1	250	333	433	339	27.09	cps
Molybdenum	96-1	475	500	600	525	12.60	cps
Molybdenum	97-1	283	267	342	297	13.25	cps
Neodymium	150-1	820	747	613	727	14.42	cps
Neodymium	150-2	117	107	137	120	12.73	cps
Nickel	60-2	250	213	207	223	10.45	cps
Phosphorus	31-2	0	33	8	14	124.91	cps
Potassium	39-2	3567	3759	3351	3559	5.74	cps
Rhodium	103-1	5804999	5869528	5770119	5814882	0.87	cps
Rhodium	103-2	1776981	1787679	1768235	1777632	0.55	cps
Scandium	45-1	3873399	3916958	3909306	3899888	0.60	cps
Scandium	45-2	38673	38319	38717	38570	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-167	-50	-83	-100	-60.73	cps
Silicon	28-1	436450	442886	444723	441353	0.98	cps
Silver	109-1	150	183	175	169	10.24	cps
Silver	107-1	233	292	233	253	13.32	cps
Sodium	23-2	5118	5335	5385	5279	2.69	cps
Strontium	86-1	1867	2025	2034	1975	4.76	cps
Strontium	88-1	4509	4418	4551	4493	1.52	cps
Sulfur	34-1	329450	332197	332460	331369	0.50	cps
Terbium	159-1	6485416	6436045	6553685	6491715	0.91	cps
Terbium	159-2	1695465	1681607	1661092	1679388	1.03	cps
Thallium	203-1	208	67	142	139	51.03	cps
Thallium	205-1	275	300	317	297	7.06	cps
Tin	118-1	733	550	625	636	14.49	cps
Titanium	47-1	9187	9404	9362	9317	1.23	cps
Uranium	238-1	325	333	342	333	2.50	cps
Vanadium	51-2	383	410	377	390	4.52	cps
Yttrium	89-1	6807004	6789937	6729636	6775526	0.60	cps
Yttrium	89-2	257633	255624	252327	255195	1.05	cps
Zinc	66-2	310	240	270	273	12.85	cps
Zirconium	90-1	708	633	567	636	11.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX22S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:29:01	DataFile Name :	043SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	133	100	136	27.61	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3951	4359	4034	4115	5.25	cps
Antimony	121-1	233	258	267	253	6.86	cps
Arsenic	75-2	30	26	22	26	14.29	cps
Barium	135-1	7452	8003	7369	7608	4.53	cps
Barium	137-1	13174	12773	13191	13046	1.81	cps
Beryllium	9-1	94	94	89	93	3.47	cps
Bismuth	209-1	3414916	3445086	3401773	3420592	0.65	cps
Bismuth	209-2	1239672	1238162	1221538	1233124	0.82	cps
Boron	11-1	2250	2134	2317	2234	4.16	cps
Boron	10-1	508	575	583	556	7.40	cps
Cadmium	106-1	1283	1333	1450	1356	6.31	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Cadmium	111-1	937	943	1031	970	5.45	cps
Calcium	43-1	10438	10463	10113	10338	1.89	cps
Calcium	44-1	174656	176149	175173	175326	0.43	cps
Chromium	52-2	2057	2107	2160	2108	2.45	cps
Cobalt	59-2	987	897	1010	964	6.21	cps
Copper	63-2	3614	3644	3597	3618	0.65	cps
Dysprosium	156-1	1292	1358	1208	1286	5.84	cps
Dysprosium	156-2	420	357	443	407	11.03	cps
Erbium	164-1	1508	1317	1200	1342	11.60	cps
Erbium	164-2	397	347	380	374	6.80	cps
Gadolinium	160-1	1267	1108	1483	1286	14.64	cps
Gadolinium	160-2	490	530	487	502	4.80	cps
Holmium	165-1	5990563	6051762	6062458	6034928	0.64	cps
Holmium	165-2	1739527	1735455	1722651	1732544	0.51	cps
Indium	115-1	5936214	6059400	5932623	5976079	1.21	cps
Indium	115-2	338776	336179	336274	337076	0.44	cps
Iron	56-2	744974	738065	730191	737743	1.00	cps
Iron	57-2	18785	18685	18730	18733	0.27	cps
Lead	206-1	3173	3212	3073	3152	2.27	cps
Lead	207-1	2728	2817	2717	2754	1.99	cps
Lead	208-1	12319	12569	12114	12334	1.85	cps
Lithium	6-1	668369	674514	676783	673222	0.65	cps
Magnesium	24-2	10805	10930	10271	10668	3.28	cps
Manganese	55-2	4417	4187	4281	4295	2.69	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	358	358	450	389	13.61	cps
Molybdenum	94-1	492	417	450	453	8.30	cps
Molybdenum	95-1	225	175	183	194	13.78	cps
Molybdenum	96-1	250	542	300	364	42.86	cps
Molybdenum	97-1	333	292	317	314	6.68	cps
Neodymium	150-1	1867	1767	1654	1762	6.06	cps
Neodymium	150-2	290	337	287	304	9.18	cps
Nickel	60-2	653	590	607	617	5.32	cps
Phosphorus	31-2	67	25	25	39	61.86	cps
Potassium	39-2	3909	4493	4634	4345	8.85	cps
Rhodium	103-1	5719206	5774029	5822045	5771760	0.89	cps
Rhodium	103-2	1785444	1778699	1781954	1782032	0.19	cps
Scandium	45-1	3832181	3961571	3902868	3898874	1.66	cps
Scandium	45-2	39094	38750	38245	38697	1.10	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	7	2	6	5	57.32	cps
Selenium	82-1	-205	-44	-118	-122	-65.95	cps
Silicon	28-1	556824	565768	554545	559045	1.06	cps
Silver	109-1	158	258	250	222	24.97	cps
Silver	107-1	208	225	250	228	9.21	cps
Sodium	23-2	5468	5701	6177	5782	6.25	cps
Strontium	86-1	4468	4226	4176	4290	3.64	cps
Strontium	88-1	25224	26143	25817	25728	1.81	cps
Sulfur	34-1	334949	339779	336291	337006	0.74	cps
Terbium	159-1	6342033	6555811	6424231	6440692	1.67	cps
Terbium	159-2	1734111	1715030	1713404	1720848	0.67	cps
Thallium	203-1	125	200	100	142	36.73	cps
Thallium	205-1	350	342	325	339	3.76	cps
Tin	118-1	767	892	700	786	12.38	cps
Titanium	47-1	16168	16903	16360	16477	2.31	cps
Uranium	238-1	1067	1158	1217	1147	6.59	cps
Vanadium	51-2	1017	1077	1047	1047	2.87	cps
Yttrium	89-1	6592024	6786718	6702227	6693656	1.46	cps
Yttrium	89-2	258321	258957	258323	258534	0.14	cps
Zinc	66-2	577	600	677	618	8.47	cps
Zirconium	90-1	908	967	800	892	9.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX23	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	044SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	250	125	181	35.25	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4676	4401	4543	4540	3.03	cps
Antimony	121-1	375	317	367	353	8.94	cps
Arsenic	75-2	56	43	52	50	13.36	cps
Barium	135-1	10555	10571	10321	10482	1.33	cps
Barium	137-1	17796	17896	16895	17529	3.15	cps
Beryllium	9-1	78	133	106	106	26.32	cps
Bismuth	209-1	3503353	3223148	3465259	3397253	4.47	cps
Bismuth	209-2	1233819	1246994	1245495	1242103	0.58	cps
Boron	11-1	2250	2000	2484	2245	10.77	cps
Boron	10-1	483	383	358	408	16.20	cps
Cadmium	106-1	1442	1192	1300	1311	9.56	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Cadmium	111-1	1051	878	956	961	8.99	cps
Calcium	43-1	24890	24263	24155	24436	1.62	cps
Calcium	44-1	408409	412875	404646	408644	1.01	cps
Chromium	52-2	1964	2127	2144	2078	4.79	cps
Cobalt	59-2	1067	993	1047	1036	3.66	cps
Copper	63-2	3190	3134	3244	3189	1.73	cps
Dysprosium	156-1	1442	1167	1325	1311	10.53	cps
Dysprosium	156-2	340	343	437	373	14.70	cps
Erbium	164-1	1325	1225	1400	1317	6.67	cps
Erbium	164-2	313	297	330	313	5.32	cps
Gadolinium	160-1	1283	1283	1375	1314	4.03	cps
Gadolinium	160-2	480	443	437	453	5.15	cps
Holmium	165-1	6154729	5731383	6118237	6001450	3.91	cps
Holmium	165-2	1738292	1727758	1749695	1738582	0.63	cps
Indium	115-1	6046409	5599713	6023221	5889781	4.27	cps
Indium	115-2	333657	337908	336835	336133	0.66	cps
Iron	56-2	898157	898209	898502	898289	0.02	cps
Iron	57-2	22563	23058	22391	22671	1.53	cps
Lead	206-1	6235	6374	5663	6091	6.19	cps
Lead	207-1	5123	5485	5362	5324	3.45	cps
Lead	208-1	24210	24755	23192	24052	3.30	cps
Lithium	6-1	680478	638547	681453	666826	3.67	cps
Magnesium	24-2	20816	20357	20749	20641	1.20	cps
Manganese	55-2	16123	16073	16380	16192	1.02	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	525	517	517	519	0.93	cps
Molybdenum	94-1	625	558	525	569	8.94	cps
Molybdenum	95-1	350	342	308	333	6.61	cps
Molybdenum	96-1	567	475	475	506	10.47	cps
Molybdenum	97-1	358	350	292	333	10.90	cps
Neodymium	150-1	2054	1894	1674	1874	10.19	cps
Neodymium	150-2	337	373	370	360	5.63	cps
Nickel	60-2	470	553	523	516	8.19	cps
Phosphorus	31-2	33	42	25	33	25.01	cps
Potassium	39-2	4576	4459	4551	4529	1.36	cps
Rhodium	103-1	5899289	5330548	5830081	5686639	5.46	cps
Rhodium	103-2	1771858	1812987	1802141	1795662	1.19	cps
Scandium	45-1	3947253	3626139	3934908	3836100	4.74	cps
Scandium	45-2	38456	38533	39037	38675	0.82	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	4	9	4	107.89	cps
Selenium	82-1	-220	-143	-162	-175	-22.98	cps
Silicon	28-1	588695	589385	585185	587755	0.38	cps
Silver	109-1	233	317	217	256	20.96	cps
Silver	107-1	225	208	200	211	6.03	cps
Sodium	23-2	5243	5535	5510	5429	2.98	cps
Strontium	86-1	5927	5877	5835	5879	0.78	cps
Strontium	88-1	36751	36124	35647	36174	1.53	cps
Sulfur	34-1	340092	343826	340067	341328	0.63	cps
Terbium	159-1	6515716	6117917	6544681	6392771	3.73	cps
Terbium	159-2	1718784	1717901	1724081	1720255	0.19	cps
Thallium	203-1	158	242	92	164	45.86	cps
Thallium	205-1	267	325	400	331	20.22	cps
Tin	118-1	1125	1008	1175	1103	7.76	cps
Titanium	47-1	20516	20324	20115	20318	0.99	cps
Uranium	238-1	700	758	733	731	4.01	cps
Vanadium	51-2	1417	1450	1330	1399	4.43	cps
Yttrium	89-1	6904428	6346802	6803053	6684761	4.44	cps
Yttrium	89-2	258243	258723	258957	258641	0.14	cps
Zinc	66-2	1430	1390	1407	1409	1.43	cps
Zirconium	90-1	908	858	817	861	5.33	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX25	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:35:19	DataFile Name :	045SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	142	142	181	37.31	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4001	3851	3767	3873	3.05	cps
Antimony	121-1	250	167	258	225	22.53	cps
Arsenic	75-2	43	37	54	44	19.09	cps
Barium	135-1	12039	12532	12006	12192	2.41	cps
Barium	137-1	20333	19899	20784	20339	2.17	cps
Beryllium	9-1	122	67	122	104	30.93	cps
Bismuth	209-1	3478890	3363942	3594256	3479029	3.31	cps
Bismuth	209-2	1230288	1249148	1238911	1239449	0.76	cps
Boron	11-1	1759	1650	1775	1728	3.93	cps
Boron	10-1	425	367	425	406	8.30	cps
Cadmium	106-1	1392	1158	1408	1320	10.59	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Cadmium	111-1	1008	833	1003	948	10.55	cps
Calcium	43-1	14425	15067	14433	14642	2.52	cps
Calcium	44-1	249872	245098	246215	247062	1.01	cps
Chromium	52-2	2280	2257	2154	2230	3.02	cps
Cobalt	59-2	1037	1043	1053	1045	0.80	cps
Copper	63-2	3824	3494	3727	3682	4.61	cps
Dysprosium	156-1	1534	1275	1325	1378	9.95	cps
Dysprosium	156-2	413	493	433	447	9.32	cps
Erbium	164-1	1625	1425	1542	1531	6.56	cps
Erbium	164-2	330	420	397	382	12.22	cps
Gadolinium	160-1	1517	1675	1492	1561	6.37	cps
Gadolinium	160-2	477	560	590	542	10.83	cps
Holmium	165-1	6201300	5866382	6225323	6097668	3.29	cps
Holmium	165-2	1720379	1716640	1730337	1722452	0.41	cps
Indium	115-1	6090541	5794148	6079831	5988173	2.81	cps
Indium	115-2	335666	338755	336519	336980	0.47	cps
Iron	56-2	825276	827241	825174	825897	0.14	cps
Iron	57-2	20643	20393	20655	20564	0.72	cps
Lead	206-1	6118	5996	6102	6072	1.09	cps
Lead	207-1	4784	5118	5312	5072	5.27	cps
Lead	208-1	23721	24149	24582	24151	1.78	cps
Lithium	6-1	691243	665561	690666	682490	2.15	cps
Magnesium	24-2	12047	12781	12322	12384	2.99	cps
Manganese	55-2	11592	11835	12286	11904	2.96	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	325	367	308	333	9.01	cps
Molybdenum	94-1	592	425	567	528	17.03	cps
Molybdenum	95-1	258	167	192	206	23.05	cps
Molybdenum	96-1	433	333	433	400	14.43	cps
Molybdenum	97-1	233	258	308	267	14.32	cps
Neodymium	150-1	2287	2214	2454	2318	5.31	cps
Neodymium	150-2	387	410	417	404	3.90	cps
Nickel	60-2	513	533	480	509	5.29	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	4626	4468	4501	4531	1.84	cps
Rhodium	103-1	5945963	5697645	5865136	5836248	2.17	cps
Rhodium	103-2	1767615	1817985	1775869	1787157	1.51	cps
Scandium	45-1	3950102	3795633	3963981	3903239	2.39	cps
Scandium	45-2	39114	38717	38262	38698	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	9	6	66.68	cps
Selenium	82-1	-43	-152	-136	-110	-53.28	cps
Silicon	28-1	620538	605182	616517	614079	1.30	cps
Silver	109-1	317	267	250	278	12.49	cps
Silver	107-1	283	300	233	272	12.74	cps
Sodium	23-2	5426	4993	5043	5154	4.60	cps
Strontium	86-1	6043	6368	6552	6321	4.07	cps
Strontium	88-1	42125	41932	42133	42063	0.27	cps
Sulfur	34-1	339260	335339	335344	336648	0.67	cps
Terbium	159-1	6558653	6248889	6527410	6444984	2.65	cps
Terbium	159-2	1721924	1723525	1679922	1708457	1.45	cps
Thallium	203-1	167	108	158	144	21.84	cps
Thallium	205-1	333	308	375	339	9.94	cps
Tin	118-1	1242	1092	1092	1142	7.59	cps
Titanium	47-1	23337	23713	25098	24049	3.86	cps
Uranium	238-1	450	633	475	519	19.14	cps
Vanadium	51-2	1137	1040	920	1032	10.52	cps
Yttrium	89-1	6842759	6582329	6890714	6771934	2.45	cps
Yttrium	89-2	256946	259165	256706	257606	0.53	cps
Zinc	66-2	1043	1237	1217	1166	9.12	cps
Zirconium	90-1	1275	1267	1317	1286	2.08	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX26	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:38:29	DataFile Name :	046SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	275	233	236	15.92	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9012	8661	8520	8731	2.90	cps
Antimony	121-1	175	167	208	183	12.02	cps
Arsenic	75-2	19	7	24	17	50.90	cps
Barium	135-1	40940	41366	40881	41062	0.64	cps
Barium	137-1	70631	71025	69090	70249	1.46	cps
Beryllium	9-1	150	167	172	163	7.10	cps
Bismuth	209-1	3498908	3488828	3422030	3469922	1.20	cps
Bismuth	209-2	1234828	1219872	1213066	1222589	0.91	cps
Boron	11-1	1834	1492	1508	1611	11.96	cps
Boron	10-1	342	433	358	378	12.93	cps
Cadmium	106-1	1158	1333	1050	1181	12.11	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Cadmium	111-1	836	958	754	849	12.07	cps
Calcium	43-1	12915	12573	12823	12770	1.39	cps
Calcium	44-1	216074	215191	214091	215119	0.46	cps
Chromium	52-2	1463	1573	1493	1510	3.77	cps
Cobalt	59-2	3350	3607	3447	3468	3.74	cps
Copper	63-2	7095	6808	6775	6893	2.55	cps
Dysprosium	156-1	2750	2875	2709	2778	3.12	cps
Dysprosium	156-2	813	737	760	770	5.10	cps
Erbium	164-1	2650	2492	2600	2581	3.14	cps
Erbium	164-2	593	710	633	646	9.18	cps
Gadolinium	160-1	2625	2467	2717	2603	4.86	cps
Gadolinium	160-2	853	920	940	904	5.02	cps
Holmium	165-1	6047653	6191343	6170117	6136371	1.26	cps
Holmium	165-2	1717740	1699031	1681719	1699497	1.06	cps
Indium	115-1	6004118	6014976	6075709	6031601	0.64	cps
Indium	115-2	335759	335631	331741	334377	0.68	cps
Iron	56-2	2416907	2406534	2401049	2408163	0.33	cps
Iron	57-2	59465	59354	58685	59168	0.71	cps
Lead	206-1	2411	2956	2739	2702	10.15	cps
Lead	207-1	2323	2200	2517	2347	6.81	cps
Lead	208-1	10630	10891	11180	10900	2.52	cps
Lithium	6-1	677693	682170	683595	681152	0.45	cps
Magnesium	24-2	19614	19581	18730	19308	2.60	cps
Manganese	55-2	35525	35325	35923	35591	0.86	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	917	867	850	878	3.95	cps
Molybdenum	94-1	683	550	567	600	12.11	cps
Molybdenum	95-1	492	575	508	525	8.40	cps
Molybdenum	96-1	742	675	917	778	16.05	cps
Molybdenum	97-1	467	450	408	442	6.80	cps
Neodymium	150-1	4334	4101	4041	4159	3.73	cps
Neodymium	150-2	693	763	683	713	6.11	cps
Nickel	60-2	600	673	707	660	8.27	cps
Phosphorus	31-2	25	42	58	42	40.00	cps
Potassium	39-2	5635	5084	4951	5223	6.94	cps
Rhodium	103-1	5895020	5891692	5870869	5885860	0.22	cps
Rhodium	103-2	1792030	1774629	1760371	1775677	0.89	cps
Scandium	45-1	3945012	3930349	3903787	3926382	0.53	cps
Scandium	45-2	38857	37554	37804	38072	1.82	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	7	9	4	7	41.70	cps
Selenium	82-1	-69	-225	-197	-164	-50.95	cps
Silicon	28-1	587290	583620	573623	581511	1.22	cps
Silver	109-1	217	167	117	167	30.00	cps
Silver	107-1	208	142	242	197	25.82	cps
Sodium	23-2	6460	6610	6418	6496	1.55	cps
Strontium	86-1	10605	10613	10104	10441	2.79	cps
Strontium	88-1	76750	78752	76557	77353	1.57	cps
Sulfur	34-1	333177	330694	328698	330856	0.68	cps
Terbium	159-1	6505312	6531055	6469219	6501862	0.48	cps
Terbium	159-2	1747058	1690159	1685863	1707693	2.00	cps
Thallium	203-1	175	100	133	136	27.61	cps
Thallium	205-1	283	358	358	333	12.99	cps
Tin	118-1	942	858	892	897	4.68	cps
Titanium	47-1	28947	29674	28638	29087	1.83	cps
Uranium	238-1	725	750	742	739	1.72	cps
Vanadium	51-2	1370	1487	1633	1497	8.82	cps
Yttrium	89-1	6764822	6837593	6867719	6823378	0.78	cps
Yttrium	89-2	258540	254948	253011	255500	1.10	cps
Zinc	66-2	1417	1457	1497	1457	2.75	cps
Zirconium	90-1	842	792	667	767	11.76	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX27	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:41:39	DataFile Name :	047SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	192	125	150	24.22	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4042	4009	3942	3998	1.27	cps
Antimony	121-1	158	150	267	192	33.96	cps
Arsenic	75-2	46	39	54	46	15.99	cps
Barium	135-1	6852	6802	6319	6658	4.43	cps
Barium	137-1	11464	11605	11430	11500	0.81	cps
Beryllium	9-1	117	100	94	104	11.15	cps
Bismuth	209-1	3505140	3442941	3445086	3464389	1.02	cps
Bismuth	209-2	1219987	1216929	1218709	1218542	0.13	cps
Boron	11-1	1575	1617	1508	1567	3.49	cps
Boron	10-1	392	342	275	336	17.42	cps
Cadmium	106-1	1417	1333	1358	1370	3.12	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Cadmium	111-1	1003	956	965	975	2.61	cps
Calcium	43-1	52399	51905	51755	52020	0.65	cps
Calcium	44-1	871830	859667	866086	865861	0.70	cps
Chromium	52-2	2424	2284	2270	2326	3.65	cps
Cobalt	59-2	1080	1113	1033	1076	3.74	cps
Copper	63-2	2827	3004	2857	2896	3.27	cps
Dysprosium	156-1	1317	1317	1058	1231	12.12	cps
Dysprosium	156-2	317	340	437	364	17.46	cps
Erbium	164-1	1200	1225	1150	1192	3.20	cps
Erbium	164-2	307	373	383	354	11.76	cps
Gadolinium	160-1	1400	1425	1175	1333	10.33	cps
Gadolinium	160-2	437	457	480	458	4.74	cps
Holmium	165-1	6167561	6144210	6050980	6120917	1.01	cps
Holmium	165-2	1695582	1712559	1694709	1700950	0.59	cps
Indium	115-1	6013993	6020688	5951080	5995253	0.64	cps
Indium	115-2	334205	335102	338513	335940	0.68	cps
Iron	56-2	1050281	1053992	1056262	1053512	0.29	cps
Iron	57-2	26771	26921	26576	26756	0.65	cps
Lead	206-1	3806	3417	3628	3617	5.38	cps
Lead	207-1	2900	2900	3089	2963	3.68	cps
Lead	208-1	13848	13592	13937	13792	1.30	cps
Lithium	6-1	680854	680307	680800	680654	0.04	cps
Magnesium	24-2	54497	52255	52096	52949	2.54	cps
Manganese	55-2	12853	13407	13190	13150	2.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	367	475	408	417	13.12	cps
Molybdenum	94-1	667	625	525	606	12.02	cps
Molybdenum	95-1	383	325	325	344	9.78	cps
Molybdenum	96-1	408	342	408	386	9.97	cps
Molybdenum	97-1	275	333	333	314	10.73	cps
Neodymium	150-1	2200	2134	2140	2158	1.70	cps
Neodymium	150-2	373	347	413	378	8.88	cps
Nickel	60-2	567	593	553	571	3.57	cps
Phosphorus	31-2	17	50	0	22	114.56	cps
Potassium	39-2	5110	4993	4768	4957	3.51	cps
Rhodium	103-1	5808807	5810978	5807138	5808974	0.03	cps
Rhodium	103-2	1784398	1773493	1771201	1776364	0.40	cps
Scandium	45-1	3964040	3950725	3926843	3947203	0.48	cps
Scandium	45-2	38098	38062	38860	38340	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-186	-137	-132	-151	-19.72	cps
Silicon	28-1	553229	552801	551659	552563	0.15	cps
Silver	109-1	167	158	167	164	2.94	cps
Silver	107-1	192	250	225	222	13.17	cps
Sodium	23-2	5460	5343	5068	5290	3.80	cps
Strontium	86-1	6769	6318	6760	6616	3.89	cps
Strontium	88-1	46029	45076	45344	45483	1.08	cps
Sulfur	34-1	330459	329987	331933	330793	0.31	cps
Terbium	159-1	6457568	6425262	6383821	6422217	0.58	cps
Terbium	159-2	1699517	1697170	1695902	1697530	0.11	cps
Thallium	203-1	108	167	175	150	24.22	cps
Thallium	205-1	225	258	267	250	8.82	cps
Tin	118-1	842	4909	2025	2592	80.71	cps
Titanium	47-1	22736	21968	22143	22282	1.81	cps
Uranium	238-1	717	792	758	756	4.97	cps
Vanadium	51-2	1207	1400	1197	1268	9.04	cps
Yttrium	89-1	6749691	6839453	6775625	6788256	0.68	cps
Yttrium	89-2	255497	257408	258811	257239	0.65	cps
Zinc	66-2	747	763	790	767	2.85	cps
Zirconium	90-1	1008	1050	917	992	6.88	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX28	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:44:48	DataFile Name :	048SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	250	208	228	9.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7853	7586	7777	7739	1.78	cps
Antimony	121-1	233	100	208	181	39.25	cps
Arsenic	75-2	31	39	39	36	11.75	cps
Barium	135-1	10888	11297	10972	11052	1.96	cps
Barium	137-1	18731	19908	19207	19282	3.07	cps
Beryllium	9-1	150	172	161	161	6.90	cps
Bismuth	209-1	3404633	3443465	3366217	3404772	1.13	cps
Bismuth	209-2	1223621	1222620	1213025	1219756	0.48	cps
Boron	11-1	1400	1400	1367	1389	1.38	cps
Boron	10-1	325	375	383	361	8.74	cps
Cadmium	106-1	1250	1442	1108	1267	13.21	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Cadmium	111-1	906	1026	778	903	13.68	cps
Calcium	43-1	52792	52165	51997	52318	0.80	cps
Calcium	44-1	871847	872716	873993	872852	0.12	cps
Chromium	52-2	3347	3164	3097	3203	4.04	cps
Cobalt	59-2	2577	2607	2674	2619	1.89	cps
Copper	63-2	9420	9183	9026	9210	2.15	cps
Dysprosium	156-1	2976	3359	2959	3098	7.31	cps
Dysprosium	156-2	880	840	1040	920	11.50	cps
Erbium	164-1	2967	2992	2667	2875	6.29	cps
Erbium	164-2	723	690	773	729	5.75	cps
Gadolinium	160-1	3034	3201	2800	3012	6.67	cps
Gadolinium	160-2	910	933	1150	998	13.26	cps
Holmium	165-1	6043985	6092043	5925509	6020513	1.42	cps
Holmium	165-2	1729603	1709492	1728168	1722421	0.65	cps
Indium	115-1	6026841	6025664	5909691	5987399	1.12	cps
Indium	115-2	337825	337518	332820	336054	0.83	cps
Iron	56-2	1972210	1944475	1952913	1956532	0.73	cps
Iron	57-2	47470	48674	47080	47741	1.74	cps
Lead	206-1	2934	3173	3328	3145	6.32	cps
Lead	207-1	2434	2750	2789	2658	7.34	cps
Lead	208-1	11691	12903	13325	12640	6.71	cps
Lithium	6-1	671344	677569	665133	671349	0.93	cps
Magnesium	24-2	31452	30442	31511	31135	1.93	cps
Manganese	55-2	31479	31760	31472	31570	0.52	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	725	758	633	706	9.18	cps
Molybdenum	94-1	758	750	592	700	13.42	cps
Molybdenum	95-1	350	308	383	347	10.82	cps
Molybdenum	96-1	683	717	600	667	9.01	cps
Molybdenum	97-1	342	342	408	364	10.58	cps
Neodymium	150-1	4841	4874	4834	4850	0.44	cps
Neodymium	150-2	863	927	880	890	3.69	cps
Nickel	60-2	837	827	720	794	8.14	cps
Phosphorus	31-2	58	100	92	83	26.46	cps
Potassium	39-2	4701	5093	4559	4784	5.78	cps
Rhodium	103-1	5775094	5799348	5689189	5754543	1.01	cps
Rhodium	103-2	1778303	1754647	1764096	1765682	0.67	cps
Scandium	45-1	3886477	3870668	3871561	3876236	0.23	cps
Scandium	45-2	38533	38907	38680	38707	0.49	cps
Selenium	77-2	17	3	7	9	78.08	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	-101	-129	-180	-137	-29.36	cps
Silicon	28-1	588993	580034	595582	588203	1.33	cps
Silver	109-1	167	117	167	150	19.25	cps
Silver	107-1	167	183	250	200	22.05	cps
Sodium	23-2	11814	12156	11955	11975	1.44	cps
Strontium	86-1	5927	5576	5568	5690	3.60	cps
Strontium	88-1	36483	36082	35865	36143	0.87	cps
Sulfur	34-1	330443	329193	328129	329255	0.35	cps
Terbium	159-1	6479449	6528657	6328907	6445671	1.61	cps
Terbium	159-2	1691533	1724371	1703336	1706413	0.97	cps
Thallium	203-1	117	158	142	139	15.10	cps
Thallium	205-1	300	325	350	325	7.69	cps
Tin	118-1	1333	1358	1417	1370	3.12	cps
Titanium	47-1	55235	54783	55260	55093	0.49	cps
Uranium	238-1	2359	2425	2300	2361	2.65	cps
Vanadium	51-2	2830	2780	2870	2827	1.60	cps
Yttrium	89-1	6841535	6768503	6694324	6768121	1.09	cps
Yttrium	89-2	258418	259321	257494	258411	0.35	cps
Zinc	66-2	1160	1180	1137	1159	1.87	cps
Zirconium	90-1	1408	1325	1125	1286	11.32	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX32	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:47:57	DataFile Name :	049SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	325	225	286	18.73	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6894	6652	6435	6660	3.44	cps
Antimony	121-1	133	158	108	133	18.75	cps
Arsenic	75-2	28	19	19	22	24.74	cps
Barium	135-1	6735	6385	6710	6610	2.96	cps
Barium	137-1	11647	11889	11405	11647	2.08	cps
Beryllium	9-1	144	83	122	117	26.51	cps
Bismuth	209-1	3376941	3420337	3399962	3399080	0.64	cps
Bismuth	209-2	1220289	1206277	1204620	1210395	0.71	cps
Boron	11-1	1375	1242	1267	1295	5.48	cps
Boron	10-1	242	333	283	286	16.04	cps
Cadmium	106-1	1100	1142	1292	1178	8.56	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Cadmium	111-1	779	828	915	841	8.18	cps
Calcium	43-1	9429	8395	8887	8903	5.81	cps
Calcium	44-1	147190	148469	148325	147995	0.47	cps
Chromium	52-2	2474	2457	2444	2458	0.61	cps
Cobalt	59-2	2017	2130	1977	2041	3.90	cps
Copper	63-2	10317	10588	10284	10396	1.60	cps
Dysprosium	156-1	2375	2434	2317	2375	2.46	cps
Dysprosium	156-2	640	710	527	626	14.79	cps
Erbium	164-1	2100	1784	2000	1961	8.26	cps
Erbium	164-2	487	547	537	523	6.14	cps
Gadolinium	160-1	2117	2325	2325	2256	5.33	cps
Gadolinium	160-2	743	743	803	763	4.54	cps
Holmium	165-1	5942649	6052158	6023938	6006248	0.95	cps
Holmium	165-2	1696485	1679182	1693369	1689679	0.55	cps
Indium	115-1	5841667	5976198	5901562	5906476	1.14	cps
Indium	115-2	337596	331159	330353	333036	1.19	cps
Iron	56-2	1719466	1739628	1717013	1725369	0.72	cps
Iron	57-2	42404	41323	41975	41900	1.30	cps
Lead	206-1	2661	2850	2817	2776	3.63	cps
Lead	207-1	2128	1800	2184	2037	10.17	cps
Lead	208-1	10069	10108	10502	10226	2.35	cps
Lithium	6-1	673064	677687	673506	674752	0.38	cps
Magnesium	24-2	15943	16118	15968	16010	0.59	cps
Manganese	55-2	9607	9824	10044	9825	2.22	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1167	1258	1050	1158	9.01	cps
Molybdenum	94-1	725	733	608	689	10.15	cps
Molybdenum	95-1	517	692	717	642	16.98	cps
Molybdenum	96-1	758	850	975	861	12.63	cps
Molybdenum	97-1	500	500	550	517	5.59	cps
Neodymium	150-1	4288	4481	4401	4390	2.21	cps
Neodymium	150-2	690	727	773	730	5.72	cps
Nickel	60-2	873	870	827	857	3.04	cps
Phosphorus	31-2	25	83	25	44	75.78	cps
Potassium	39-2	4759	4526	4376	4554	4.24	cps
Rhodium	103-1	5757465	5842950	5722584	5774333	1.07	cps
Rhodium	103-2	1799541	1784424	1754735	1779567	1.28	cps
Scandium	45-1	3857530	3894972	3905691	3886064	0.65	cps
Scandium	45-2	38800	39064	38015	38626	1.41	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-171	-12	-98	-94	-84.59	cps
Silicon	28-1	623976	636318	608446	622913	2.24	cps
Silver	109-1	125	175	208	169	24.75	cps
Silver	107-1	242	108	200	183	37.21	cps
Sodium	23-2	5160	5084	5176	5140	0.95	cps
Strontium	86-1	5093	4568	4643	4768	5.96	cps
Strontium	88-1	28898	28564	28072	28511	1.46	cps
Sulfur	34-1	326857	327318	324413	326196	0.48	cps
Terbium	159-1	6461929	6511853	6388464	6454082	0.96	cps
Terbium	159-2	1701735	1682915	1663525	1682725	1.14	cps
Thallium	203-1	100	208	133	147	37.69	cps
Thallium	205-1	283	258	275	272	4.68	cps
Tin	118-1	975	858	808	881	9.71	cps
Titanium	47-1	42039	40351	40585	40992	2.23	cps
Uranium	238-1	3092	3626	3426	3381	7.97	cps
Vanadium	51-2	1857	1840	1833	1843	0.65	cps
Yttrium	89-1	6819725	6796230	6746867	6787607	0.55	cps
Yttrium	89-2	258673	256441	257078	257397	0.45	cps
Zinc	66-2	963	1007	983	984	2.20	cps
Zirconium	90-1	1819	783	842	1148	50.68	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX33	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:51:07	DataFile Name :	050SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	217	192	208	6.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7244	7160	7027	7144	1.53	cps
Antimony	121-1	333	308	292	311	6.74	cps
Arsenic	75-2	74	76	69	73	5.29	cps
Barium	135-1	18338	18455	18330	18375	0.38	cps
Barium	137-1	31213	30595	30503	30770	1.25	cps
Beryllium	9-1	106	133	133	124	12.93	cps
Bismuth	209-1	3373974	3383936	3371270	3376393	0.20	cps
Bismuth	209-2	1198340	1226510	1205004	1209951	1.22	cps
Boron	11-1	1425	1267	1225	1306	8.08	cps
Boron	10-1	300	300	300	300	0.00	cps
Cadmium	106-1	1167	1283	1283	1245	5.41	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Cadmium	111-1	923	995	973	964	3.83	cps
Calcium	43-1	10296	9937	9987	10074	1.93	cps
Calcium	44-1	171586	169487	172066	171046	0.80	cps
Chromium	52-2	2354	2527	2504	2461	3.82	cps
Cobalt	59-2	1580	1460	1590	1543	4.69	cps
Copper	63-2	4351	4401	4367	4373	0.58	cps
Dysprosium	156-1	1984	1875	1967	1942	3.00	cps
Dysprosium	156-2	580	637	580	599	5.46	cps
Erbium	164-1	2059	1942	2084	2028	3.73	cps
Erbium	164-2	423	627	530	527	19.31	cps
Gadolinium	160-1	1942	1867	1909	1906	1.97	cps
Gadolinium	160-2	657	650	737	681	7.08	cps
Holmium	165-1	6043082	6070950	5880359	5998130	1.72	cps
Holmium	165-2	1703366	1726475	1709001	1712947	0.70	cps
Indium	115-1	6046166	5900786	5843304	5930085	1.76	cps
Indium	115-2	330726	339347	333391	334488	1.32	cps
Iron	56-2	1397219	1392364	1383670	1391084	0.49	cps
Iron	57-2	33535	34577	35050	34387	2.25	cps
Lead	206-1	11239	11305	11216	11253	0.41	cps
Lead	207-1	9254	8831	9765	9283	5.04	cps
Lead	208-1	43859	43793	44170	43940	0.46	cps
Lithium	6-1	677106	677485	671207	675266	0.52	cps
Magnesium	24-2	5618	5618	5710	5649	0.94	cps
Manganese	55-2	20165	19744	20368	20092	1.58	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	375	433	458	422	10.13	cps
Molybdenum	94-1	467	583	567	539	11.71	cps
Molybdenum	95-1	233	242	208	228	7.62	cps
Molybdenum	96-1	300	450	467	406	22.63	cps
Molybdenum	97-1	358	275	292	308	14.30	cps
Neodymium	150-1	3201	3334	3294	3276	2.09	cps
Neodymium	150-2	557	530	537	541	2.56	cps
Nickel	60-2	617	603	580	600	3.09	cps
Phosphorus	31-2	42	42	25	36	26.65	cps
Potassium	39-2	4293	3992	3967	4084	4.43	cps
Rhodium	103-1	5798692	5850270	5756349	5801770	0.81	cps
Rhodium	103-2	1780827	1804761	1777190	1787593	0.84	cps
Scandium	45-1	3898545	3914615	3974743	3929301	1.02	cps
Scandium	45-2	38309	39007	38840	38719	0.94	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-100	-148	-198	-149	-32.91	cps
Silicon	28-1	600872	590125	585876	592291	1.30	cps
Silver	109-1	117	100	158	125	24.04	cps
Silver	107-1	183	233	133	183	27.27	cps
Sodium	23-2	7536	7611	7219	7455	2.79	cps
Strontium	86-1	6344	6002	6043	6129	3.04	cps
Strontium	88-1	41339	40745	40612	40899	0.95	cps
Sulfur	34-1	320606	324086	327318	324003	1.04	cps
Terbium	159-1	6419111	6406722	6302741	6376191	1.00	cps
Terbium	159-2	1691423	1731715	1698200	1707113	1.26	cps
Thallium	203-1	133	125	67	108	33.53	cps
Thallium	205-1	342	300	317	319	6.57	cps
Tin	118-1	1042	992	950	995	4.62	cps
Titanium	47-1	24455	24906	24347	24570	1.21	cps
Uranium	238-1	758	875	742	792	9.18	cps
Vanadium	51-2	1877	1910	1877	1888	1.02	cps
Yttrium	89-1	6862669	6790014	6729886	6794190	0.98	cps
Yttrium	89-2	255792	260891	258290	258324	0.99	cps
Zinc	66-2	1580	1657	1703	1647	3.78	cps
Zirconium	90-1	1000	1042	1150	1064	7.28	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX21	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:54:17	DataFile Name :	051SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	217	217	231	10.43	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6552	6518	6327	6466	1.88	cps
Antimony	121-1	800	658	633	697	12.89	cps
Arsenic	75-2	59	63	78	67	14.70	cps
Barium	135-1	16269	16611	15827	16236	2.42	cps
Barium	137-1	26745	27571	28273	27529	2.78	cps
Beryllium	9-1	83	106	78	89	16.54	cps
Bismuth	209-1	3390775	3425211	3409578	3408521	0.51	cps
Bismuth	209-2	1214455	1214479	1139616	1189517	3.63	cps
Boron	11-1	1358	1233	1200	1264	6.61	cps
Boron	10-1	250	317	283	283	11.77	cps
Cadmium	106-1	1467	1383	1267	1372	7.32	cps
Cadmium	108-1	25	29	21	25	16.68	cps
Cadmium	111-1	1201	1190	1110	1167	4.26	cps
Calcium	43-1	5827	5510	5668	5668	2.79	cps
Calcium	44-1	98192	98065	94870	97043	1.94	cps
Chromium	52-2	7709	7739	7962	7803	1.77	cps
Cobalt	59-2	843	757	897	832	8.49	cps
Copper	63-2	16994	17021	17321	17112	1.06	cps
Dysprosium	156-1	475	525	475	492	5.87	cps
Dysprosium	156-2	190	133	147	157	18.91	cps
Erbium	164-1	442	550	625	539	17.11	cps
Erbium	164-2	157	143	153	151	4.59	cps
Gadolinium	160-1	442	558	475	492	12.22	cps
Gadolinium	160-2	210	180	203	198	7.97	cps
Holmium	165-1	5966826	6039139	5993857	5999941	0.61	cps
Holmium	165-2	1716669	1695026	1620884	1677526	2.99	cps
Indium	115-1	5940604	5921432	5939621	5933886	0.18	cps
Indium	115-2	332429	328582	316761	325924	2.51	cps
Iron	56-2	958957	962182	957861	959667	0.23	cps
Iron	57-2	23637	24183	23626	23815	1.34	cps
Lead	206-1	43999	42934	43832	43588	1.31	cps
Lead	207-1	36631	35990	36163	36262	0.91	cps
Lead	208-1	169334	167667	169067	168689	0.53	cps
Lithium	6-1	674611	677869	681141	677874	0.48	cps
Magnesium	24-2	5451	5618	5635	5568	1.82	cps
Manganese	55-2	29835	30096	30771	30234	1.60	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	792	567	683	681	16.54	cps
Molybdenum	94-1	567	625	508	567	10.29	cps
Molybdenum	95-1	483	475	383	447	12.41	cps
Molybdenum	96-1	642	600	792	678	14.87	cps
Molybdenum	97-1	367	317	358	347	7.72	cps
Neodymium	150-1	813	1027	787	876	15.02	cps
Neodymium	150-2	157	143	160	153	5.75	cps
Nickel	60-2	617	503	467	529	14.79	cps
Phosphorus	31-2	83	158	150	131	31.49	cps
Potassium	39-2	4009	4217	3851	4026	4.57	cps
Rhodium	103-1	5813107	5803402	5853516	5823341	0.46	cps
Rhodium	103-2	1777034	1775353	1672127	1741505	3.45	cps
Scandium	45-1	3885255	3910065	3962717	3919346	1.01	cps
Scandium	45-2	38082	38884	36952	37973	2.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-50	-115	-220	-128	-66.94	cps
Silicon	28-1	627360	611764	607906	615677	1.67	cps
Silver	109-1	2509	2817	2525	2617	6.63	cps
Silver	107-1	3009	3134	2834	2992	5.04	cps
Sodium	23-2	4726	4943	4409	4693	5.72	cps
Strontium	86-1	4459	4809	4851	4707	4.57	cps
Strontium	88-1	28331	27972	27354	27885	1.77	cps
Sulfur	34-1	329613	323892	324806	326103	0.94	cps
Terbium	159-1	6400636	6319306	6400267	6373403	0.74	cps
Terbium	159-2	1695978	1704513	1615060	1671851	2.95	cps
Thallium	203-1	142	125	100	122	17.16	cps
Thallium	205-1	275	358	350	328	14.00	cps
Tin	118-1	20742	20950	20400	20697	1.34	cps
Titanium	47-1	13390	13315	14041	13582	2.94	cps
Uranium	238-1	425	450	392	422	6.93	cps
Vanadium	51-2	1337	1403	1463	1401	4.52	cps
Yttrium	89-1	6730474	6705966	6798562	6745001	0.71	cps
Yttrium	89-2	257324	256411	243311	252349	3.11	cps
Zinc	66-2	1377	1193	1213	1261	7.98	cps
Zirconium	90-1	683	792	767	747	7.59	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX24	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 14:57:26	DataFile Name :	052SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	142	125	125	13.33	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3934	3559	4001	3831	6.22	cps
Antimony	121-1	400	450	350	400	12.50	cps
Arsenic	75-2	28	41	35	35	18.81	cps
Barium	135-1	11247	11322	10988	11186	1.57	cps
Barium	137-1	19340	20275	19407	19674	2.65	cps
Beryllium	9-1	83	111	89	94	15.56	cps
Bismuth	209-1	3424007	3347594	3373522	3381708	1.15	cps
Bismuth	209-2	1219498	1208420	1210997	1212972	0.48	cps
Boron	11-1	1283	1450	1383	1372	6.11	cps
Boron	10-1	300	292	308	300	2.78	cps
Cadmium	106-1	1275	1150	1292	1239	6.25	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Cadmium	111-1	925	852	936	904	5.04	cps
Calcium	43-1	11255	10996	11288	11180	1.43	cps
Calcium	44-1	185644	185637	185546	185609	0.03	cps
Chromium	52-2	1573	1623	1620	1606	1.74	cps
Cobalt	59-2	1070	960	1010	1013	5.44	cps
Copper	63-2	3497	3350	3584	3477	3.39	cps
Dysprosium	156-1	1183	1333	1375	1297	7.77	cps
Dysprosium	156-2	350	347	310	336	6.61	cps
Erbium	164-1	1267	1192	1133	1197	5.58	cps
Erbium	164-2	373	313	270	319	16.27	cps
Gadolinium	160-1	1275	1342	1167	1261	7.00	cps
Gadolinium	160-2	387	523	420	443	16.07	cps
Holmium	165-1	5930907	5861304	6075543	5955918	1.83	cps
Holmium	165-2	1692468	1715736	1703723	1703976	0.68	cps
Indium	115-1	5953003	5856525	5991864	5933797	1.17	cps
Indium	115-2	335612	337234	335711	336186	0.27	cps
Iron	56-2	838213	833826	831188	834409	0.43	cps
Iron	57-2	21261	20911	21361	21178	1.12	cps
Lead	206-1	8553	8881	8703	8713	1.88	cps
Lead	207-1	7174	7086	7036	7099	0.99	cps
Lead	208-1	33663	33546	33763	33657	0.32	cps
Lithium	6-1	677373	661327	680303	673001	1.52	cps
Magnesium	24-2	7711	8011	8036	7919	2.29	cps
Manganese	55-2	16450	16043	16063	16185	1.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	592	700	775	689	13.38	cps
Molybdenum	94-1	550	608	392	517	21.70	cps
Molybdenum	95-1	600	383	383	456	27.46	cps
Molybdenum	96-1	583	625	650	619	5.44	cps
Molybdenum	97-1	367	350	300	339	10.24	cps
Neodymium	150-1	1934	2000	2074	2002	3.50	cps
Neodymium	150-2	393	403	313	370	13.33	cps
Nickel	60-2	430	420	427	426	1.20	cps
Phosphorus	31-2	17	33	33	28	34.63	cps
Potassium	39-2	3834	4017	3909	3920	2.35	cps
Rhodium	103-1	5748957	5684510	5885662	5773043	1.78	cps
Rhodium	103-2	1756297	1773785	1787119	1772400	0.87	cps
Scandium	45-1	3912719	3808636	3918964	3880106	1.60	cps
Scandium	45-2	38212	38406	39115	38577	1.23	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-38	-84	-142	-88	-58.93	cps
Silicon	28-1	598519	601516	600471	600169	0.25	cps
Silver	109-1	208	217	117	181	30.73	cps
Silver	107-1	117	192	175	161	24.45	cps
Sodium	23-2	5160	5410	4926	5165	4.68	cps
Strontium	86-1	5401	5376	5251	5343	1.50	cps
Strontium	88-1	33542	33626	35547	34239	3.31	cps
Sulfur	34-1	329467	327602	330554	329208	0.45	cps
Terbium	159-1	6526987	6275804	6409336	6404042	1.96	cps
Terbium	159-2	1697727	1688184	1699486	1695132	0.36	cps
Thallium	203-1	117	117	117	117	0.00	cps
Thallium	205-1	308	192	267	256	23.13	cps
Tin	118-1	1433	1525	1517	1492	3.40	cps
Titanium	47-1	16202	16002	16485	16230	1.50	cps
Uranium	238-1	675	567	617	619	8.75	cps
Vanadium	51-2	980	1013	1023	1006	2.26	cps
Yttrium	89-1	6700299	6645232	6841024	6728852	1.50	cps
Yttrium	89-2	257350	257234	259320	257968	0.45	cps
Zinc	66-2	890	860	907	886	2.67	cps
Zirconium	90-1	758	833	642	745	12.97	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX29	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:00:36	DataFile Name :	053SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	133	117	125	6.67	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5485	6027	6035	5849	5.39	cps
Antimony	121-1	242	300	217	253	16.92	cps
Arsenic	75-2	22	26	33	27	20.83	cps
Barium	135-1	13174	12707	12632	12837	2.29	cps
Barium	137-1	21435	21602	22178	21738	1.79	cps
Beryllium	9-1	117	106	117	113	5.68	cps
Bismuth	209-1	3348201	3440510	3502888	3430533	2.27	cps
Bismuth	209-2	1201978	1196930	1214294	1204401	0.74	cps
Boron	11-1	1192	1125	1142	1153	3.01	cps
Boron	10-1	358	242	283	294	20.08	cps
Cadmium	106-1	1308	1308	1175	1264	6.09	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Cadmium	111-1	938	964	889	930	4.11	cps
Calcium	43-1	9387	9637	9345	9456	1.67	cps
Calcium	44-1	159597	161072	157742	159470	1.05	cps
Chromium	52-2	2137	2114	2294	2181	4.49	cps
Cobalt	59-2	863	970	920	918	5.82	cps
Copper	63-2	2407	2450	2477	2445	1.45	cps
Dysprosium	156-1	1025	1042	1050	1039	1.23	cps
Dysprosium	156-2	280	270	347	299	13.94	cps
Erbium	164-1	1008	1100	1067	1058	4.38	cps
Erbium	164-2	290	277	277	281	2.74	cps
Gadolinium	160-1	1083	1158	1242	1161	6.82	cps
Gadolinium	160-2	427	390	380	399	6.16	cps
Holmium	165-1	6012086	6100624	6010500	6041070	0.85	cps
Holmium	165-2	1696134	1689295	1718300	1701243	0.89	cps
Indium	115-1	5987974	6000416	6063254	6017215	0.67	cps
Indium	115-2	333743	332686	332794	333074	0.17	cps
Iron	56-2	673089	672007	667997	671031	0.40	cps
Iron	57-2	16299	16649	16438	16462	1.07	cps
Lead	206-1	11900	11906	11717	11841	0.91	cps
Lead	207-1	10449	10393	9543	10128	5.02	cps
Lead	208-1	46863	47380	46340	46861	1.11	cps
Lithium	6-1	670671	678199	679682	676184	0.71	cps
Magnesium	24-2	6852	6602	6902	6785	2.37	cps
Manganese	55-2	3521	3437	3394	3450	1.87	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	450	467	425	447	4.69	cps
Molybdenum	94-1	417	442	333	397	14.28	cps
Molybdenum	95-1	367	433	292	364	19.48	cps
Molybdenum	96-1	550	517	483	517	6.45	cps
Molybdenum	97-1	258	292	267	272	6.37	cps
Neodymium	150-1	1654	1420	1734	1602	10.16	cps
Neodymium	150-2	293	297	310	300	2.94	cps
Nickel	60-2	450	500	460	470	5.63	cps
Phosphorus	31-2	33	50	17	33	49.99	cps
Potassium	39-2	4017	4359	4051	4142	4.55	cps
Rhodium	103-1	5676883	5787717	5847486	5770695	1.50	cps
Rhodium	103-2	1775835	1775282	1769677	1773598	0.19	cps
Scandium	45-1	3839446	3959650	3972535	3923877	1.87	cps
Scandium	45-2	39315	38984	38677	38992	0.82	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-94	-89	-96	-93	-4.02	cps
Silicon	28-1	595789	599432	582959	592727	1.46	cps
Silver	109-1	233	192	142	189	24.30	cps
Silver	107-1	233	292	292	272	12.37	cps
Sodium	23-2	5968	6002	6218	6063	2.24	cps
Strontium	86-1	4768	4351	4759	4626	5.15	cps
Strontium	88-1	28698	28464	28155	28439	0.96	cps
Sulfur	34-1	330074	325206	322077	325785	1.24	cps
Terbium	159-1	6376162	6430784	6467690	6424879	0.72	cps
Terbium	159-2	1702745	1675333	1686925	1688334	0.82	cps
Thallium	203-1	108	192	150	150	27.78	cps
Thallium	205-1	367	250	325	314	18.84	cps
Tin	118-1	1433	1300	1408	1381	5.13	cps
Titanium	47-1	17487	16952	17553	17331	1.90	cps
Uranium	238-1	450	725	550	575	24.21	cps
Vanadium	51-2	1513	1360	1637	1503	9.22	cps
Yttrium	89-1	6670482	6737751	6809423	6739218	1.03	cps
Yttrium	89-2	257610	255103	256747	256487	0.50	cps
Zinc	66-2	823	740	767	777	5.48	cps
Zirconium	90-1	692	725	733	717	3.08	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX30	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:03:45	DataFile Name :	054SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	192	167	192	13.04	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9562	9003	8853	9139	4.09	cps
Antimony	121-1	408	275	400	361	20.68	cps
Arsenic	75-2	87	54	69	70	23.95	cps
Barium	135-1	17713	17913	17729	17785	0.63	cps
Barium	137-1	31530	31538	31037	31369	0.91	cps
Beryllium	9-1	122	122	100	115	11.18	cps
Bismuth	209-1	3377847	3409506	3419623	3402325	0.64	cps
Bismuth	209-2	1173801	1188856	1206104	1189587	1.36	cps
Boron	11-1	1225	1358	1283	1289	5.19	cps
Boron	10-1	325	325	325	325	0.00	cps
Cadmium	106-1	1258	1108	1458	1275	13.77	cps
Cadmium	108-1	25	21	8	18	48.05	cps
Cadmium	111-1	963	878	1103	981	11.55	cps
Calcium	43-1	10863	11488	11147	11166	2.80	cps
Calcium	44-1	188499	186895	188881	188092	0.56	cps
Chromium	52-2	2730	3004	2724	2819	5.67	cps
Cobalt	59-2	1163	1147	1077	1129	4.07	cps
Copper	63-2	9657	8960	9610	9409	4.14	cps
Dysprosium	156-1	1050	1142	1150	1114	4.98	cps
Dysprosium	156-2	243	383	313	313	22.34	cps
Erbium	164-1	1142	1117	1167	1142	2.19	cps
Erbium	164-2	260	300	290	283	7.35	cps
Gadolinium	160-1	1117	1225	1033	1125	8.54	cps
Gadolinium	160-2	420	383	360	388	7.80	cps
Holmium	165-1	6036649	5974515	6040273	6017146	0.61	cps
Holmium	165-2	1643787	1681237	1690119	1671714	1.47	cps
Indium	115-1	5984511	5959918	6008044	5984157	0.40	cps
Indium	115-2	329396	329269	333293	330653	0.69	cps
Iron	56-2	847805	862251	859773	856610	0.90	cps
Iron	57-2	20755	21467	21923	21382	2.75	cps
Lead	206-1	17357	17323	17251	17310	0.31	cps
Lead	207-1	14525	14108	14720	14451	2.16	cps
Lead	208-1	67828	66754	67861	67481	0.93	cps
Lithium	6-1	678180	676264	679642	678029	0.25	cps
Magnesium	24-2	6202	5868	6310	6127	3.76	cps
Manganese	55-2	13460	13744	13460	13555	1.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	658	442	592	564	19.68	cps
Molybdenum	94-1	575	417	508	500	15.90	cps
Molybdenum	95-1	383	392	292	356	15.61	cps
Molybdenum	96-1	450	533	600	528	14.24	cps
Molybdenum	97-1	292	283	292	289	1.67	cps
Neodymium	150-1	1900	1707	1607	1738	8.58	cps
Neodymium	150-2	333	227	303	288	19.12	cps
Nickel	60-2	563	583	563	570	2.03	cps
Phosphorus	31-2	50	17	50	39	49.48	cps
Potassium	39-2	4676	3976	4159	4270	8.50	cps
Rhodium	103-1	5811182	5797648	5805767	5804866	0.12	cps
Rhodium	103-2	1762750	1742044	1758568	1754454	0.62	cps
Scandium	45-1	3968338	3907680	3967622	3947880	0.88	cps
Scandium	45-2	38650	37741	39806	38732	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-27	-96	-33	-52	-72.41	cps
Silicon	28-1	599902	588822	648376	612366	5.17	cps
Silver	109-1	350	433	367	383	11.50	cps
Silver	107-1	433	333	250	339	27.09	cps
Sodium	23-2	5318	4993	4784	5032	5.34	cps
Strontium	86-1	5651	6135	6152	5979	4.75	cps
Strontium	88-1	41606	41715	41188	41503	0.67	cps
Sulfur	34-1	320422	320466	319009	319966	0.26	cps
Terbium	159-1	6379493	6340004	6350224	6356574	0.32	cps
Terbium	159-2	1648323	1635079	1695957	1659786	1.93	cps
Thallium	203-1	108	158	108	125	23.09	cps
Thallium	205-1	258	233	233	242	5.97	cps
Tin	118-1	5777	5660	5326	5588	4.18	cps
Titanium	47-1	27019	25658	25532	26070	3.16	cps
Uranium	238-1	558	475	525	519	8.08	cps
Vanadium	51-2	1433	1513	1423	1457	3.39	cps
Yttrium	89-1	6763000	6750047	6810503	6774517	0.47	cps
Yttrium	89-2	251242	252840	258180	254087	1.43	cps
Zinc	66-2	1307	1383	1467	1386	5.78	cps
Zirconium	90-1	717	767	683	722	5.81	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4260-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDX31	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 15:06:56	DataFile Name :	055SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	183	67	142	45.94	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	402117	393834	393957	396636	1.20	cps
Antimony	121-1	4794089	4893468	4883214	4856924	1.13	cps
Arsenic	75-2	70667	71878	70998	71181	0.88	cps
Barium	135-1	4720316	4809149	4874408	4801291	1.61	cps
Barium	137-1	8141331	8145024	8271566	8185974	0.91	cps
Beryllium	9-1	621888	627266	626914	625356	0.48	cps
Bismuth	209-1	3428166	3391883	3526469	3448839	2.02	cps
Bismuth	209-2	1233482	1225922	1211961	1223788	0.89	cps
Boron	11-1	346355	352813	352895	350688	1.07	cps
Boron	10-1	75239	76454	77251	76315	1.33	cps
Cadmium	106-1	109181	110921	111736	110613	1.18	cps
Cadmium	108-1	74043	75091	75426	74854	0.96	cps
Cadmium	111-1	1062810	1072557	1077298	1070889	0.69	cps
Calcium	43-1	5731962	5807833	5837320	5792372	0.94	cps
Calcium	44-1	95119752	95026240	96082542	95409511	0.61	cps
Chromium	52-2	593180	588861	584875	588972	0.71	cps
Cobalt	59-2	1168347	1178395	1165294	1170679	0.59	cps
Copper	63-2	2026514	1991395	1977871	1998593	1.26	cps
Dysprosium	156-1	142	183	150	158	13.92	cps
Dysprosium	156-2	20	23	3	16	68.90	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	158	83	75	106	43.48	cps
Gadolinium	160-2	40	10	33	28	56.71	cps
Holmium	165-1	6350838	6355442	6500673	6402318	1.33	cps
Holmium	165-2	1808892	1819976	1761855	1796908	1.72	cps
Indium	115-1	5912487	5994765	6079754	5995669	1.39	cps
Indium	115-2	329873	332093	325896	329287	0.95	cps
Iron	56-2	94311935	94527913	93813222	94217690	0.39	cps
Iron	57-2	2370777	2368561	2383032	2374123	0.33	cps
Lead	206-1	2192561	2207816	2231524	2210634	0.89	cps
Lead	207-1	2002184	2022856	2044831	2023290	1.05	cps
Lead	208-1	9014660	9045074	9226876	9095536	1.26	cps
Lithium	6-1	654481	657604	661795	657960	0.56	cps
Magnesium	24-2	9800844	9788704	9707503	9765684	0.52	cps
Manganese	55-2	339972	338050	334963	337661	0.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3587731	3617987	3629524	3611747	0.60	cps
Molybdenum	94-1	3887538	3894613	3975418	3919190	1.25	cps
Molybdenum	95-1	2223338	2270195	2291866	2261800	1.55	cps
Molybdenum	96-1	2853136	2895249	2872366	2873584	0.73	cps
Molybdenum	97-1	1416020	1395407	1403523	1404983	0.74	cps
Neodymium	150-1	347	240	173	253	34.51	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	341671	341951	341259	341627	0.10	cps
Phosphorus	31-2	6043	6452	6418	6304	3.60	cps
Potassium	39-2	3131953	3136516	3102724	3123731	0.59	cps
Rhodium	103-1	5650173	5676146	5691410	5672576	0.37	cps
Rhodium	103-2	1713663	1708071	1689795	1703843	0.73	cps
Scandium	45-1	3971246	3949352	4000985	3973861	0.65	cps
Scandium	45-2	38737	39703	38302	38914	1.84	cps
Selenium	77-2	660	567	477	568	16.15	cps
Selenium	78-2	1741	1808	1808	1785	2.16	cps
Selenium	82-1	69904	70465	71605	70658	1.23	cps
Silicon	28-1	2192999	2220262	2236340	2216534	0.99	cps
Silver	109-1	4876840	4919018	5025310	4940390	1.55	cps
Silver	107-1	5173278	5232772	5288890	5231647	1.11	cps
Sodium	23-2	23854470	23692204	23504884	23683853	0.74	cps
Strontium	86-1	1471276	1484639	1486750	1480888	0.57	cps
Strontium	88-1	12354543	12484221	12472599	12437121	0.58	cps
Sulfur	34-1	679804	679131	678720	679218	0.08	cps
Terbium	159-1	6688649	6726185	6846417	6753751	1.22	cps
Terbium	159-2	1776090	1782307	1739419	1765938	1.31	cps
Thallium	203-1	2827751	2774183	2837481	2813138	1.21	cps
Thallium	205-1	6500910	6533187	6546294	6526797	0.36	cps
Tin	118-1	3356518	3440036	3445076	3413877	1.46	cps
Titanium	47-1	604918	608635	617651	610401	1.07	cps
Uranium	238-1	8099768	7991265	8244193	8111742	1.56	cps
Vanadium	51-2	427769	427094	423721	426195	0.51	cps
Yttrium	89-1	6858892	6847095	7036006	6913998	1.53	cps
Yttrium	89-2	260567	258553	257289	258803	0.64	cps
Zinc	66-2	193006	193407	191248	192554	0.60	cps
Zirconium	90-1	7301841	7309514	7382432	7331262	0.61	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P8
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:10:05	DataFile Name :	056CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1621875	1647339	1646878	1638697	0.89	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	1383	1150	925	1153	19.88	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	50	75	67	64	19.92	cps
Barium	137-1	108	50	75	78	37.63	cps
Beryllium	9-1	111	117	150	126	16.71	cps
Bismuth	209-1	3615322	3576013	3581042	3590792	0.60	cps
Bismuth	209-2	1272606	1262118	1251536	1262086	0.83	cps
Boron	11-1	6860	6860	6468	6730	3.36	cps
Boron	10-1	1642	1617	1333	1531	11.19	cps
Cadmium	106-1	1292	1500	1317	1370	8.31	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	928	1061	945	978	7.41	cps
Calcium	43-1	3317	3351	3176	3281	2.83	cps
Calcium	44-1	56966	58447	57569	57661	1.29	cps
Chromium	52-2	933	1083	1023	1013	7.45	cps
Cobalt	59-2	53	43	20	39	43.98	cps
Copper	63-2	280	277	240	266	8.36	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	6308486	6346013	6335494	6329998	0.31	cps
Holmium	165-2	1791743	1740089	1737010	1756281	1.75	cps
Indium	115-1	6234352	6179920	6199076	6204449	0.45	cps
Indium	115-2	345178	341952	336846	341325	1.23	cps
Iron	56-2	4117	4101	3684	3967	6.19	cps
Iron	57-2	117	111	117	115	2.80	cps
Lead	206-1	517	456	528	500	7.78	cps
Lead	207-1	450	439	406	432	5.36	cps
Lead	208-1	2095	1950	1878	1974	5.59	cps
Lithium	6-1	687203	690090	690078	689124	0.24	cps
Magnesium	24-2	150	150	75	125	34.64	cps
Manganese	55-2	87	50	83	73	27.65	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	208	175	158	181	14.10	cps
Molybdenum	94-1	483	433	425	447	7.06	cps
Molybdenum	95-1	142	117	108	122	14.19	cps
Molybdenum	96-1	333	233	317	294	18.20	cps
Molybdenum	97-1	242	208	175	208	16.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50	77	43	57	31.13	cps
Phosphorus	31-2	33	0	25	19	89.22	cps
Potassium	39-2	3642	3584	3842	3690	3.67	cps
Rhodium	103-1	5988112	5998329	5970206	5985549	0.24	cps
Rhodium	103-2	1856644	1809016	1794517	1820059	1.79	cps
Scandium	45-1	3967268	3987080	4032409	3995586	0.84	cps
Scandium	45-2	39569	39338	38132	39013	1.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	7	7	24.97	cps
Selenium	82-1	-115	-169	-45	-110	-56.67	cps
Silicon	28-1	398626	393520	398356	396834	0.72	cps
Silver	109-1	350	367	333	350	4.76	cps
Silver	107-1	408	442	408	419	4.59	cps
Sodium	23-2	7769	7811	7544	7708	1.86	cps
Strontium	86-1	1450	1442	1550	1481	4.07	cps
Strontium	88-1	342	292	433	356	20.21	cps
Sulfur	34-1	342815	341752	343045	342537	0.20	cps
Terbium	159-1	6682922	6839518	6755888	6759442	1.16	cps
Terbium	159-2	1774792	1752677	1727983	1751817	1.34	cps
Thallium	203-1	808	525	558	631	24.56	cps
Thallium	205-1	1475	1559	1359	1464	6.86	cps
Tin	118-1	1200	1117	2300	1539	42.93	cps
Titanium	47-1	108	167	225	167	35.00	cps
Uranium	238-1	100	50	117	89	39.03	cps
Vanadium	51-2	27	10	13	17	52.93	cps
Yttrium	89-1	6886676	6868645	6946437	6900586	0.59	cps
Yttrium	89-2	260892	261876	255512	259427	1.32	cps
Zinc	66-2	63	30	40	44	38.48	cps
Zirconium	90-1	1267	1075	917	1086	16.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P8
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:13:04	DataFile Name :	057CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	200	208	194	8.92	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404749	413272	405856	407959	1.14	cps
Antimony	121-1	4820456	4887965	4875121	4861181	0.74	cps
Arsenic	75-2	72431	72226	72375	72344	0.15	cps
Barium	135-1	4818425	4815245	4849096	4827589	0.39	cps
Barium	137-1	8152927	8274077	8281484	8236163	0.88	cps
Beryllium	9-1	638464	644539	637986	640330	0.57	cps
Bismuth	209-1	3390882	3391848	3488506	3423745	1.64	cps
Bismuth	209-2	1237042	1189881	1240842	1222588	2.32	cps
Boron	11-1	355826	359049	363363	359413	1.05	cps
Boron	10-1	76580	77292	79194	77688	1.74	cps
Cadmium	106-1	108786	109896	113055	110579	2.00	cps
Cadmium	108-1	75389	74681	77107	75725	1.65	cps
Cadmium	111-1	1064585	1065221	1092562	1074123	1.49	cps
Calcium	43-1	5761917	5692763	5759105	5737928	0.68	cps
Calcium	44-1	94413896	94029460	94103846	94182401	0.22	cps
Chromium	52-2	597508	600856	595300	597888	0.47	cps
Cobalt	59-2	1195982	1197985	1189476	1194481	0.37	cps
Copper	63-2	2030757	2020971	2008490	2020073	0.55	cps
Dysprosium	156-1	50	75	83	69	24.98	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	92	67	117	92	27.27	cps
Gadolinium	160-2	33	23	20	26	27.15	cps
Holmium	165-1	6360002	6326671	6391582	6359419	0.51	cps
Holmium	165-2	1809761	1759362	1840463	1803196	2.27	cps
Indium	115-1	5938377	5906802	6024437	5956539	1.02	cps
Indium	115-2	332970	320003	333049	328674	2.28	cps
Iron	56-2	94579733	95094847	94465041	94713207	0.35	cps
Iron	57-2	2397168	2377622	2377342	2384044	0.48	cps
Lead	206-1	2197913	2213865	2298571	2236783	2.42	cps
Lead	207-1	2018316	2035504	2043290	2032370	0.63	cps
Lead	208-1	9040760	9073144	9182174	9098693	0.81	cps
Lithium	6-1	664342	671105	668142	667863	0.51	cps
Magnesium	24-2	9838056	9837158	9918078	9864431	0.47	cps
Manganese	55-2	346784	345392	343430	345202	0.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3585563	3584953	3643655	3604724	0.94	cps
Molybdenum	94-1	4003246	3976843	4052044	4010711	0.95	cps
Molybdenum	95-1	2255421	2287245	2317206	2286624	1.35	cps
Molybdenum	96-1	2873689	2829266	2916090	2873015	1.51	cps
Molybdenum	97-1	1386673	1391425	1417638	1398578	1.19	cps
Neodymium	150-1	167	180	173	173	3.85	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	345671	347388	344541	345867	0.41	cps
Phosphorus	31-2	6644	6944	6627	6738	2.65	cps
Potassium	39-2	3226921	3213343	3212666	3217643	0.25	cps
Rhodium	103-1	5605638	5598717	5681060	5628472	0.81	cps
Rhodium	103-2	1704017	1658136	1691543	1684565	1.41	cps
Scandium	45-1	3938751	3961040	3981628	3960473	0.54	cps
Scandium	45-2	40004	37724	39810	39179	3.23	cps
Selenium	77-2	593	547	567	569	4.12	cps
Selenium	78-2	1887	1815	1867	1856	2.01	cps
Selenium	82-1	70698	71049	71800	71182	0.79	cps
Silicon	28-1	2245235	2261000	2288679	2264971	0.97	cps
Silver	109-1	4933624	4950973	5060458	4981685	1.38	cps
Silver	107-1	5224487	5257059	5308718	5263421	0.81	cps
Sodium	23-2	23903225	23749417	23910111	23854251	0.38	cps
Strontium	86-1	1503305	1484253	1510451	1499336	0.90	cps
Strontium	88-1	12587185	12481738	12765540	12611488	1.14	cps
Sulfur	34-1	695335	698485	693455	695758	0.37	cps
Terbium	159-1	6702666	6681912	6747860	6710813	0.50	cps
Terbium	159-2	1780731	1681704	1795366	1752601	3.53	cps
Thallium	203-1	2811363	2791132	2825893	2809463	0.62	cps
Thallium	205-1	6538493	6504607	6550749	6531283	0.37	cps
Tin	118-1	3390848	3401053	3457498	3416466	1.05	cps
Titanium	47-1	612006	612894	616685	613862	0.40	cps
Uranium	238-1	8052370	8107725	8216964	8125686	1.03	cps
Vanadium	51-2	435903	434012	436247	435387	0.28	cps
Yttrium	89-1	6890232	6886464	6964160	6913619	0.63	cps
Yttrium	89-2	261604	250659	262981	258415	2.61	cps
Zinc	66-2	196064	197308	197210	196861	0.35	cps
Zirconium	90-1	7490793	7387466	7553381	7477213	1.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P8
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:53:35	DataFile Name :	058CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1684768	1670503	1710216	1688496	1.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	1358	1333	1142	1278	9.28	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	100	42	67	69	42.14	cps
Barium	137-1	50	92	67	69	30.20	cps
Beryllium	9-1	72	83	78	78	7.15	cps
Bismuth	209-1	3673613	3628215	3593028	3631619	1.11	cps
Bismuth	209-2	1279132	1228423	1253304	1253620	2.02	cps
Boron	11-1	7402	7661	5985	7016	12.86	cps
Boron	10-1	1567	1517	1342	1475	8.01	cps
Cadmium	106-1	1367	1450	1275	1364	6.42	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Cadmium	111-1	966	1023	908	966	5.98	cps
Calcium	43-1	3134	3584	3326	3348	6.75	cps
Calcium	44-1	57268	59058	58498	58274	1.57	cps
Chromium	52-2	980	983	907	957	4.53	cps
Cobalt	59-2	50	33	40	41	20.41	cps
Copper	63-2	267	310	233	270	14.24	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	17	17	31	78.72	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	67	50	100	72	35.25	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	6356335	6282193	6394997	6344508	0.90	cps
Holmium	165-2	1798916	1702334	1727581	1742944	2.87	cps
Indium	115-1	6255732	6221554	6173466	6216917	0.66	cps
Indium	115-2	346100	335462	343537	341700	1.62	cps
Iron	56-2	3945	3978	3817	3914	2.17	cps
Iron	57-2	83	100	150	111	31.22	cps
Lead	206-1	572	550	600	574	4.36	cps
Lead	207-1	506	472	461	480	4.82	cps
Lead	208-1	2406	2133	2256	2265	6.02	cps
Lithium	6-1	699565	699164	703353	700694	0.33	cps
Magnesium	24-2	100	117	100	106	9.12	cps
Manganese	55-2	73	63	67	68	7.51	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	208	208	183	200	7.22	cps
Molybdenum	94-1	433	500	525	486	9.75	cps
Molybdenum	95-1	92	117	92	100	14.43	cps
Molybdenum	96-1	292	300	350	314	10.05	cps
Molybdenum	97-1	142	142	133	139	3.46	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	103	73	67	81	24.08	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	3884	3759	3967	3870	2.71	cps
Rhodium	103-1	6079433	5963060	5922508	5988334	1.36	cps
Rhodium	103-2	1849894	1728009	1783146	1787016	3.42	cps
Scandium	45-1	4015395	3982041	3979740	3992392	0.50	cps
Scandium	45-2	39445	38386	38175	38669	1.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-141	-136	-64	-114	-37.71	cps
Silicon	28-1	401593	402059	399633	401095	0.32	cps
Silver	109-1	392	317	333	347	11.34	cps
Silver	107-1	467	442	358	422	13.44	cps
Sodium	23-2	7836	7994	7152	7661	5.84	cps
Strontium	86-1	1458	1225	1450	1378	9.61	cps
Strontium	88-1	333	408	375	372	10.10	cps
Sulfur	34-1	348863	348904	346830	348199	0.34	cps
Terbium	159-1	6815478	6671683	6636187	6707782	1.42	cps
Terbium	159-2	1742387	1705143	1709688	1719073	1.18	cps
Thallium	203-1	1008	933	908	950	5.48	cps
Thallium	205-1	2492	2217	1909	2206	13.23	cps
Tin	118-1	1158	1092	1242	1164	6.46	cps
Titanium	47-1	158	208	183	183	13.64	cps
Uranium	238-1	83	75	50	69	24.98	cps
Vanadium	51-2	7	20	30	19	61.96	cps
Yttrium	89-1	6947208	6915145	6950755	6937703	0.28	cps
Yttrium	89-2	263767	252142	259163	258357	2.27	cps
Zinc	66-2	73	37	50	53	34.79	cps
Zirconium	90-1	1050	1058	1117	1075	3.38	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P8
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:56:41	DataFile Name :	059CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	333	175	242	33.96	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	117	117	133	122	7.87	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	33	25	17	25	33.34	cps
Barium	137-1	50	67	50	56	17.32	cps
Beryllium	9-1	17	100	28	48	93.97	cps
Bismuth	209-1	3366289	3366241	3112954	3281828	4.46	cps
Bismuth	209-2	1215803	1200725	1196437	1204322	0.84	cps
Boron	11-1	1100	1183	1258	1181	6.71	cps
Boron	10-1	167	300	283	250	29.06	cps
Cadmium	106-1	1333	1383	1158	1292	9.15	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Cadmium	111-1	943	978	808	910	9.85	cps
Calcium	43-1	3459	3367	3459	3428	1.54	cps
Calcium	44-1	55184	55569	53737	54830	1.76	cps
Chromium	52-2	1037	1000	893	977	7.62	cps
Cobalt	59-2	53	33	60	49	28.39	cps
Copper	63-2	220	190	167	192	13.91	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	5944290	5978987	5670834	5864704	2.88	cps
Holmium	165-2	1693315	1685167	1668272	1682252	0.76	cps
Indium	115-1	6063914	5950112	5705207	5906411	3.10	cps
Indium	115-2	338545	335600	337001	337049	0.44	cps
Iron	56-2	3451	3756	3462	3556	4.87	cps
Iron	57-2	128	83	89	100	24.21	cps
Lead	206-1	356	294	283	311	12.50	cps
Lead	207-1	333	228	289	283	18.70	cps
Lead	208-1	1283	1133	1100	1172	8.33	cps
Lithium	6-1	688542	683676	656471	676230	2.56	cps
Magnesium	24-2	117	92	175	128	33.47	cps
Manganese	55-2	73	73	60	69	11.17	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42	8	25	25	66.68	cps
Molybdenum	94-1	158	200	258	206	24.44	cps
Molybdenum	95-1	8	25	17	17	50.01	cps
Molybdenum	96-1	150	133	108	131	16.06	cps
Molybdenum	97-1	25	67	75	56	48.22	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	70	57	60	14.70	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3951	3334	4059	3781	10.35	cps
Rhodium	103-1	5870674	5818554	5556425	5748551	2.93	cps
Rhodium	103-2	1747557	1771785	1759774	1759705	0.69	cps
Scandium	45-1	3954711	3906449	3751517	3870893	2.74	cps
Scandium	45-2	39422	39445	39596	39488	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	2	5	57.32	cps
Selenium	82-1	-113	-234	-126	-158	-42.00	cps
Silicon	28-1	404661	403527	399200	402463	0.72	cps
Silver	109-1	192	258	208	219	15.81	cps
Silver	107-1	175	258	242	225	19.60	cps
Sodium	23-2	4451	4393	4384	4409	0.82	cps
Strontium	86-1	1400	1600	1375	1458	8.46	cps
Strontium	88-1	433	350	208	331	34.41	cps
Sulfur	34-1	360997	363433	363463	362631	0.39	cps
Terbium	159-1	6318232	6308371	5997760	6208121	2.94	cps
Terbium	159-2	1688778	1677726	1663794	1676766	0.75	cps
Thallium	203-1	100	50	83	78	32.73	cps
Thallium	205-1	267	258	300	275	8.02	cps
Tin	118-1	542	583	617	581	6.47	cps
Titanium	47-1	117	158	158	144	16.66	cps
Uranium	238-1	17	42	33	31	41.66	cps
Vanadium	51-2	17	13	3	11	62.48	cps
Yttrium	89-1	6677372	6665008	6441219	6594533	2.02	cps
Yttrium	89-2	256992	257078	255702	256591	0.30	cps
Zinc	66-2	13	50	20	28	70.32	cps
Zirconium	90-1	383	625	608	539	25.05	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:27:30	DataFile Name :	060CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	75	108	94	18.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	283	283	300	9.62	cps
Antimony	121-1	35323	36258	35657	35746	1.33	cps
Arsenic	75-2	294	302	309	302	2.45	cps
Barium	135-1	34296	35716	34889	34967	2.04	cps
Barium	137-1	59493	60154	60740	60129	1.04	cps
Beryllium	9-1	2339	2506	2322	2389	4.24	cps
Bismuth	209-1	3323203	3183839	3295499	3267514	2.26	cps
Bismuth	209-2	1181536	1188523	1190382	1186813	0.39	cps
Boron	11-1	31978	32187	32554	32240	0.91	cps
Boron	10-1	6927	7110	7477	7172	3.91	cps
Cadmium	106-1	1650	1475	1592	1572	5.67	cps
Cadmium	108-1	383	379	346	369	5.56	cps
Cadmium	111-1	4996	5051	4635	4894	4.62	cps
Calcium	43-1	24931	25457	25299	25229	1.07	cps
Calcium	44-1	412351	417018	418099	415823	0.73	cps
Chromium	52-2	5818	5631	5751	5734	1.65	cps
Cobalt	59-2	4784	5074	4921	4927	2.95	cps
Copper	63-2	8546	8586	8429	8521	0.96	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	5890163	5747311	5892112	5843195	1.42	cps
Holmium	165-2	1676231	1686020	1700841	1687697	0.73	cps
Indium	115-1	5952871	5766833	5963738	5894481	1.88	cps
Indium	115-2	334598	335930	336406	335645	0.28	cps
Iron	56-2	309029	308129	305638	307599	0.57	cps
Iron	57-2	7825	7697	7675	7732	1.05	cps
Lead	206-1	9949	10399	10343	10230	2.40	cps
Lead	207-1	9126	9359	8631	9039	4.11	cps
Lead	208-1	40298	40737	40749	40595	0.63	cps
Lithium	6-1	681706	662781	688569	677685	1.97	cps
Magnesium	24-2	37768	38913	38144	38275	1.52	cps
Manganese	55-2	727	737	850	771	8.88	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	63207	64027	63416	63550	0.67	cps
Molybdenum	94-1	33066	33200	33175	33147	0.21	cps
Molybdenum	95-1	40001	41423	40637	40687	1.75	cps
Molybdenum	96-1	44173	44742	44566	44494	0.65	cps
Molybdenum	97-1	24306	25266	24381	24651	2.17	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1723	1587	1500	1603	7.02	cps
Phosphorus	31-2	42	25	0	22	94.38	cps
Potassium	39-2	28480	28438	29498	28805	2.08	cps
Rhodium	103-1	5731799	5553292	5709091	5664727	1.72	cps
Rhodium	103-2	1745874	1734161	1760496	1746843	0.76	cps
Scandium	45-1	3897905	3771675	3921778	3863786	2.09	cps
Scandium	45-2	40101	39325	39619	39682	0.99	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	39	50	35	41	18.64	cps
Selenium	82-1	1343	1176	1288	1269	6.72	cps
Silicon	28-1	490432	490325	488128	489628	0.27	cps
Silver	109-1	18755	18747	18280	18594	1.46	cps
Silver	107-1	18814	18722	19932	19156	3.52	cps
Sodium	23-2	100755	99757	97760	99424	1.53	cps
Strontium	86-1	7461	7177	6710	7116	5.32	cps
Strontium	88-1	47910	48596	48605	48370	0.82	cps
Sulfur	34-1	361411	358797	363013	361074	0.59	cps
Terbium	159-1	6284764	6065400	6403099	6251088	2.74	cps
Terbium	159-2	1665063	1681837	1676620	1674507	0.51	cps
Thallium	203-1	10705	10255	10221	10394	2.60	cps
Thallium	205-1	23731	24925	24992	24550	2.89	cps
Tin	118-1	62245	60881	62221	61783	1.26	cps
Titanium	47-1	11397	11956	11422	11591	2.72	cps
Uranium	238-1	28592	28501	28642	28578	0.25	cps
Vanadium	51-2	8183	8353	8002	8179	2.14	cps
Yttrium	89-1	6655949	6438771	6655611	6583444	1.90	cps
Yttrium	89-2	255740	256105	257531	256459	0.37	cps
Zinc	66-2	840	830	920	863	5.71	cps
Zirconium	90-1	28080	29324	29299	28901	2.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100948BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:30:39	DataFile Name :	061LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6268	6535	6635	6480	2.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	33	31	41.66	cps
Antimony	121-1	42	67	117	75	50.92	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	42	50	117	69	59.19	cps
Barium	137-1	83	83	108	92	15.74	cps
Beryllium	9-1	39	39	56	44	21.65	cps
Bismuth	209-1	3357686	3368350	3219621	3315219	2.50	cps
Bismuth	209-2	1193068	1195378	1207157	1198534	0.63	cps
Boron	11-1	2242	1950	1809	2000	11.05	cps
Boron	10-1	450	442	400	431	6.22	cps
Cadmium	106-1	1175	1408	1333	1306	9.13	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Cadmium	111-1	812	987	937	912	9.88	cps
Calcium	43-1	3426	3284	3501	3403	3.23	cps
Calcium	44-1	55051	55000	53946	54666	1.14	cps
Chromium	52-2	917	970	940	942	2.84	cps
Cobalt	59-2	57	73	67	66	12.79	cps
Copper	63-2	300	263	250	271	9.55	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	0	75	67	47	87.05	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	5963191	5943607	5760859	5889219	1.89	cps
Holmium	165-2	1715921	1680553	1700014	1698829	1.04	cps
Indium	115-1	5951694	5917241	5735632	5868189	1.98	cps
Indium	115-2	334883	333858	332847	333863	0.31	cps
Iron	56-2	3717	3628	3534	3627	2.53	cps
Iron	57-2	111	156	106	124	22.09	cps
Lead	206-1	533	389	400	441	18.24	cps
Lead	207-1	361	389	394	382	4.68	cps
Lead	208-1	1778	1672	1572	1674	6.14	cps
Lithium	6-1	684316	685637	664857	678270	1.72	cps
Magnesium	24-2	75	67	125	89	35.50	cps
Manganese	55-2	87	47	63	66	30.65	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17	25	25	22	21.64	cps
Molybdenum	94-1	133	150	167	150	11.11	cps
Molybdenum	95-1	50	42	33	42	20.00	cps
Molybdenum	96-1	117	125	142	128	9.96	cps
Molybdenum	97-1	33	75	67	58	37.80	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	67	70	69	2.79	cps
Phosphorus	31-2	33	8	8	17	86.64	cps
Potassium	39-2	3659	3509	3384	3517	3.92	cps
Rhodium	103-1	5700635	5751639	5626451	5692908	1.11	cps
Rhodium	103-2	1772235	1774591	1736017	1760948	1.23	cps
Scandium	45-1	3878109	3934301	3827336	3879915	1.38	cps
Scandium	45-2	38860	38673	38469	38668	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-228	-45	-20	-98	-116.12	cps
Silicon	28-1	404951	406347	397359	402886	1.20	cps
Silver	109-1	225	250	275	250	10.00	cps
Silver	107-1	342	342	400	361	9.33	cps
Sodium	23-2	4301	4334	4234	4290	1.19	cps
Strontium	86-1	1550	1342	1500	1464	7.43	cps
Strontium	88-1	350	375	383	369	4.70	cps
Sulfur	34-1	359675	363487	358178	360447	0.76	cps
Terbium	159-1	6257004	6371346	6135578	6254642	1.89	cps
Terbium	159-2	1676214	1655870	1670910	1667665	0.63	cps
Thallium	203-1	258	217	233	236	8.88	cps
Thallium	205-1	500	608	583	564	10.06	cps
Tin	118-1	625	475	625	575	15.06	cps
Titanium	47-1	108	192	183	161	28.49	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	27	20	20	22	17.33	cps
Yttrium	89-1	6645155	6770527	6492114	6635932	2.10	cps
Yttrium	89-2	256762	256380	257366	256836	0.19	cps
Zinc	66-2	43	27	37	36	23.58	cps
Zirconium	90-1	483	525	650	553	15.69	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:33:49	DataFile Name :	062CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	167	83	111	43.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	267	383	319	18.51	cps
Antimony	121-1	35599	35549	36259	35802	1.11	cps
Arsenic	75-2	287	283	291	287	1.29	cps
Barium	135-1	34738	34129	33903	34257	1.26	cps
Barium	137-1	57978	59284	59276	58846	1.28	cps
Beryllium	9-1	2484	2473	2573	2510	2.18	cps
Bismuth	209-1	3349691	3356542	3349297	3351843	0.12	cps
Bismuth	209-2	1157878	1171240	1177688	1168935	0.86	cps
Boron	11-1	32237	32404	32881	32507	1.03	cps
Boron	10-1	7360	7144	6985	7163	2.63	cps
Cadmium	106-1	1634	1734	1892	1753	7.43	cps
Cadmium	108-1	288	313	229	276	15.47	cps
Cadmium	111-1	4997	4820	5194	5004	3.73	cps
Calcium	43-1	24940	26025	24514	25160	3.10	cps
Calcium	44-1	415603	420370	414444	416806	0.75	cps
Chromium	52-2	5651	5468	5551	5557	1.65	cps
Cobalt	59-2	4828	4874	4821	4841	0.60	cps
Copper	63-2	8853	8700	8743	8765	0.90	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	5932592	6040351	6009068	5994004	0.92	cps
Holmium	165-2	1620945	1637492	1681354	1646597	1.90	cps
Indium	115-1	5909722	5965190	5956032	5943648	0.50	cps
Indium	115-2	330140	330244	334140	331508	0.69	cps
Iron	56-2	306388	309778	304386	306851	0.89	cps
Iron	57-2	7613	7486	7697	7599	1.40	cps
Lead	206-1	9760	10127	9682	9856	2.41	cps
Lead	207-1	8942	9037	8709	8896	1.90	cps
Lead	208-1	40137	40871	40149	40386	1.04	cps
Lithium	6-1	679306	692226	686589	686040	0.94	cps
Magnesium	24-2	38061	38762	37241	38021	2.00	cps
Manganese	55-2	770	827	827	808	4.05	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	63365	61675	62813	62618	1.38	cps
Molybdenum	94-1	33066	32766	33200	33011	0.67	cps
Molybdenum	95-1	37854	40695	39216	39255	3.62	cps
Molybdenum	96-1	42735	42894	44741	43457	2.57	cps
Molybdenum	97-1	24715	24114	24765	24531	1.48	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1353	1523	1327	1401	7.61	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	28430	28538	28955	28641	0.97	cps
Rhodium	103-1	5762451	5781370	5767559	5770460	0.17	cps
Rhodium	103-2	1757754	1727714	1739328	1741599	0.87	cps
Scandium	45-1	3891635	3910141	3891036	3897604	0.28	cps
Scandium	45-2	38005	38744	38730	38493	1.10	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	44	24	33	34	30.04	cps
Selenium	82-1	1250	1353	1176	1260	7.04	cps
Silicon	28-1	487359	488113	484888	486786	0.35	cps
Silver	109-1	18338	18280	18522	18380	0.69	cps
Silver	107-1	19481	19632	19523	19545	0.40	cps
Sodium	23-2	97861	98632	99497	98663	0.83	cps
Strontium	86-1	6969	7060	6694	6908	2.76	cps
Strontium	88-1	48245	48102	46071	47473	2.56	cps
Sulfur	34-1	357269	350392	351753	353138	1.03	cps
Terbium	159-1	6304216	6312981	6325728	6314308	0.17	cps
Terbium	159-2	1646326	1605542	1656097	1635988	1.64	cps
Thallium	203-1	10046	10238	10221	10168	1.05	cps
Thallium	205-1	23281	23448	23381	23370	0.36	cps
Tin	118-1	61216	62296	62689	62067	1.23	cps
Titanium	47-1	11914	12206	11539	11886	2.81	cps
Uranium	238-1	29194	28634	28810	28879	0.99	cps
Vanadium	51-2	8336	7779	8179	8098	3.55	cps
Yttrium	89-1	6637734	6764465	6546266	6649488	1.65	cps
Yttrium	89-2	253106	252836	254721	253554	0.40	cps
Zinc	66-2	873	830	807	837	4.04	cps
Zirconium	90-1	28314	29684	29099	29032	2.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	PB100949BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:36:58	DataFile Name :	063LCSE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6093	6318	6577	6330	3.82	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13775	14251	14284	14103	2.02	cps
Antimony	121-1	1775	1717	1583	1692	5.81	cps
Arsenic	75-2	761	759	744	755	1.21	cps
Barium	135-1	445898	447583	447876	447119	0.24	cps
Barium	137-1	771216	774647	782403	776089	0.74	cps
Beryllium	9-1	228	183	156	189	19.29	cps
Bismuth	209-1	3544616	3563216	3635757	3581196	1.34	cps
Bismuth	209-2	1200184	1247424	1230362	1225990	1.95	cps
Boron	11-1	79387	80517	80057	79987	0.71	cps
Boron	10-1	16810	18104	17453	17456	3.70	cps
Cadmium	106-1	1258	1508	1442	1403	9.23	cps
Cadmium	108-1	88	83	113	94	16.70	cps
Cadmium	111-1	895	1048	1014	985	8.15	cps
Calcium	43-1	2018884	2020153	1981287	2006775	1.10	cps
Calcium	44-1	32374774	32323563	32321779	32340039	0.09	cps
Chromium	52-2	6732	7045	6929	6902	2.30	cps
Cobalt	59-2	1050	973	973	999	4.43	cps
Copper	63-2	9023	9200	9000	9074	1.21	cps
Dysprosium	156-1	2942	2884	3534	3120	11.53	cps
Dysprosium	156-2	790	773	767	777	1.55	cps
Erbium	164-1	2042	2334	2400	2259	8.44	cps
Erbium	164-2	507	557	517	527	5.02	cps
Gadolinium	160-1	2809	3184	3117	3037	6.59	cps
Gadolinium	160-2	917	983	993	964	4.32	cps
Holmium	165-1	6455369	6461813	6504033	6473738	0.41	cps
Holmium	165-2	1695225	1773957	1787363	1752182	2.84	cps
Indium	115-1	6414615	6376709	6384436	6391920	0.31	cps
Indium	115-2	339000	349148	347585	345244	1.58	cps
Iron	56-2	694038	683335	702944	693439	1.42	cps
Iron	57-2	17033	17935	17296	17422	2.66	cps
Lead	206-1	5779	5968	6024	5924	2.16	cps
Lead	207-1	4907	4884	4968	4920	0.88	cps
Lead	208-1	23165	23899	23003	23356	2.05	cps
Lithium	6-1	757622	757795	755771	757062	0.15	cps
Magnesium	24-2	1762527	1760032	1729423	1750661	1.05	cps
Manganese	55-2	8966	9066	9370	9134	2.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	31645	23830	24799	26758	15.92	cps
Molybdenum	94-1	20785	17899	17830	18838	8.95	cps
Molybdenum	95-1	15092	15117	15226	15145	0.47	cps
Molybdenum	96-1	17971	18355	18238	18188	1.08	cps
Molybdenum	97-1	10154	9387	9320	9620	4.82	cps
Neodymium	150-1	5508	5468	5268	5415	2.38	cps
Neodymium	150-2	1053	833	957	948	11.63	cps
Nickel	60-2	5568	5214	5188	5323	3.99	cps
Phosphorus	31-2	67	17	17	33	86.59	cps
Potassium	39-2	34000	33466	33842	33769	0.81	cps
Rhodium	103-1	5977311	6043816	5961453	5994193	0.73	cps
Rhodium	103-2	1772992	1798502	1795080	1788858	0.77	cps
Scandium	45-1	4211915	4239295	4219171	4223460	0.34	cps
Scandium	45-2	38991	40759	40264	40005	2.28	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	11	13	11	12	9.11	cps
Selenium	82-1	84	126	57	89	38.70	cps
Silicon	28-1	49002500	49001951	47002446	48335632	2.39	cps
Silver	109-1	3476	3167	3059	3234	6.69	cps
Silver	107-1	3626	3501	3067	3398	8.63	cps
Sodium	23-2	2080976	2054252	2036021	2057083	1.10	cps
Strontium	86-1	11204721	11128165	11167572	11166819	0.34	cps
Strontium	88-1	95745060	95863431	96871383	96159958	0.64	cps
Sulfur	34-1	694616	684055	685824	688165	0.82	cps
Terbium	159-1	6850073	6887652	6919720	6885815	0.51	cps
Terbium	159-2	1740432	1778418	1765326	1761392	1.10	cps
Thallium	203-1	258	300	175	244	26.04	cps
Thallium	205-1	658	675	600	645	6.11	cps
Tin	118-1	2575	2392	2234	2400	7.12	cps
Titanium	47-1	47759	49964	47987	48570	2.50	cps
Uranium	238-1	102824	103352	106126	104101	1.70	cps
Vanadium	51-2	1817	1757	1713	1762	2.94	cps
Yttrium	89-1	7181501	7264017	7117722	7187746	1.02	cps
Yttrium	89-2	261354	269912	268829	266699	1.75	cps
Zinc	66-2	4521	4504	4334	4453	2.32	cps
Zirconium	90-1	24089	20947	25419	23485	9.78	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:40:08	DataFile Name :	064SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4927	4584	6233	5248	16.57	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	392	642	489	27.40	cps
Antimony	121-1	1567	1475	1534	1525	3.04	cps
Arsenic	75-2	919	932	906	919	1.41	cps
Barium	135-1	425036	418326	423668	422343	0.84	cps
Barium	137-1	740953	735940	726977	734624	0.96	cps
Beryllium	9-1	50	61	17	43	54.30	cps
Bismuth	209-1	3540934	3569686	3545069	3551896	0.44	cps
Bismuth	209-2	1248467	1245057	1139070	1210865	5.14	cps
Boron	11-1	135880	134822	137327	136010	0.92	cps
Boron	10-1	29239	30083	30024	29782	1.58	cps
Cadmium	106-1	1275	1383	1383	1347	4.64	cps
Cadmium	108-1	4	17	38	19	86.58	cps
Cadmium	111-1	977	1065	1009	1017	4.38	cps
Calcium	43-1	1896256	1862063	1868838	1875719	0.97	cps
Calcium	44-1	30225609	30013129	30174600	30137779	0.37	cps
Chromium	52-2	2124	2140	2064	2109	1.91	cps
Cobalt	59-2	623	633	627	628	0.81	cps
Copper	63-2	3931	4087	4064	4027	2.10	cps
Dysprosium	156-1	1300	1392	1292	1328	4.18	cps
Dysprosium	156-2	417	260	340	339	23.12	cps
Erbium	164-1	925	1050	1150	1042	10.82	cps
Erbium	164-2	263	250	290	268	7.61	cps
Gadolinium	160-1	1150	1058	1133	1114	4.38	cps
Gadolinium	160-2	430	440	377	416	8.19	cps
Holmium	165-1	6439563	6467673	6448870	6452035	0.22	cps
Holmium	165-2	1788029	1761872	1654861	1734921	4.07	cps
Indium	115-1	6319876	6389288	6404063	6371076	0.71	cps
Indium	115-2	352441	346366	323111	340639	4.54	cps
Iron	56-2	65450	65239	64326	65005	0.92	cps
Iron	57-2	1756	1517	1572	1615	7.74	cps
Lead	206-1	3317	3234	3373	3308	2.11	cps
Lead	207-1	2706	2561	2495	2587	4.17	cps
Lead	208-1	12558	12236	12670	12488	1.80	cps
Lithium	6-1	760919	766357	765609	764295	0.39	cps
Magnesium	24-2	1624862	1615293	1611748	1617301	0.42	cps
Manganese	55-2	7265	7432	6755	7151	4.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	55339	54779	53598	54572	1.63	cps
Molybdenum	94-1	20408	20191	20024	20207	0.95	cps
Molybdenum	95-1	33793	34411	33593	33932	1.26	cps
Molybdenum	96-1	37536	36976	38765	37759	2.42	cps
Molybdenum	97-1	22503	21509	21459	21824	2.70	cps
Neodymium	150-1	3047	2947	2740	2912	5.37	cps
Neodymium	150-2	547	397	527	490	16.62	cps
Nickel	60-2	3384	3477	3457	3439	1.43	cps
Phosphorus	31-2	25	42	17	28	45.82	cps
Potassium	39-2	64850	62967	62824	63547	1.78	cps
Rhodium	103-1	5962466	6038462	6019583	6006837	0.66	cps
Rhodium	103-2	1817706	1789491	1659623	1755607	4.80	cps
Scandium	45-1	4112981	4186558	4138439	4145993	0.90	cps
Scandium	45-2	41194	41177	37126	39832	5.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	0	4	89.21	cps
Selenium	82-1	-114	-153	-104	-124	-20.77	cps
Silicon	28-1	31470568	31513254	31318030	31433951	0.33	cps
Silver	109-1	2275	2117	1767	2053	12.67	cps
Silver	107-1	2034	2050	2092	2059	1.46	cps
Sodium	23-2	2246793	2221255	2205160	2224403	0.94	cps
Strontium	86-1	18821770	18626594	18560829	18669731	0.73	cps
Strontium	88-1	163211979	159694929	160027604	160978170	1.21	cps
Sulfur	34-1	713303	711004	705416	709908	0.57	cps
Terbium	159-1	6817116	6782791	6892501	6830803	0.82	cps
Terbium	159-2	1768620	1781004	1642517	1730713	4.43	cps
Thallium	203-1	217	117	158	164	30.65	cps
Thallium	205-1	433	450	358	414	11.80	cps
Tin	118-1	2442	2625	2450	2506	4.13	cps
Titanium	47-1	1792	13203	2939	5978	105.11	cps
Uranium	238-1	82356	82826	82801	82661	0.32	cps
Vanadium	51-2	937	993	1087	1006	7.53	cps
Yttrium	89-1	7140398	7136187	7159933	7145506	0.18	cps
Yttrium	89-2	268568	266930	248797	261432	4.20	cps
Zinc	66-2	1450	1490	1650	1530	6.92	cps
Zirconium	90-1	2817	2984	3043	2948	3.97	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:43:16	DataFile Name :	065SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	683	683	700	4.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16936	16385	17587	16969	3.54	cps
Antimony	121-1	2200	2125	2075	2134	2.95	cps
Arsenic	75-2	1289	1122	1215	1209	6.91	cps
Barium	135-1	405474	405693	403178	404782	0.34	cps
Barium	137-1	700027	703392	691294	698238	0.89	cps
Beryllium	9-1	356	356	350	354	0.91	cps
Bismuth	209-1	3623604	3600285	3657396	3627095	0.79	cps
Bismuth	209-2	1267463	1259131	1154065	1226886	5.15	cps
Boron	11-1	75666	78867	79110	77881	2.47	cps
Boron	10-1	16827	17203	17887	17306	3.10	cps
Cadmium	106-1	1458	1634	1450	1514	6.84	cps
Cadmium	108-1	58	67	58	61	7.88	cps
Cadmium	111-1	1043	1176	1053	1091	6.79	cps
Calcium	43-1	2749986	2764496	2749869	2754783	0.31	cps
Calcium	44-1	44534127	44313192	44194495	44347271	0.39	cps
Chromium	52-2	12499	12102	12664	12422	2.32	cps
Cobalt	59-2	2677	2714	2884	2758	4.00	cps
Copper	63-2	10504	10337	10104	10315	1.95	cps
Dysprosium	156-1	4009	3867	3726	3867	3.66	cps
Dysprosium	156-2	1090	1020	1093	1068	3.88	cps
Erbium	164-1	3317	3476	3276	3356	3.15	cps
Erbium	164-2	837	820	820	826	1.17	cps
Gadolinium	160-1	3909	3317	3667	3631	8.20	cps
Gadolinium	160-2	1373	1300	1217	1297	6.05	cps
Holmium	165-1	6584265	6604918	6593330	6594171	0.16	cps
Holmium	165-2	1831658	1803204	1649676	1761513	5.56	cps
Indium	115-1	6390384	6454529	6363136	6402683	0.73	cps
Indium	115-2	350884	347665	319940	339496	5.01	cps
Iron	56-2	1454298	1452620	1458775	1455231	0.22	cps
Iron	57-2	35150	35345	36304	35600	1.73	cps
Lead	206-1	15577	15749	16066	15797	1.57	cps
Lead	207-1	12184	12568	12178	12310	1.81	cps
Lead	208-1	59629	59027	59478	59378	0.53	cps
Lithium	6-1	757922	753334	764957	758738	0.77	cps
Magnesium	24-2	1983683	1976669	1962802	1974385	0.54	cps
Manganese	55-2	38209	37691	39085	38328	1.84	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	49592	50411	48488	49497	1.95	cps
Molybdenum	94-1	33903	31412	30034	31783	6.17	cps
Molybdenum	95-1	32006	31488	30660	31385	2.16	cps
Molybdenum	96-1	35447	35890	35330	35556	0.83	cps
Molybdenum	97-1	20032	19356	19089	19492	2.49	cps
Neodymium	150-1	5675	6102	5721	5833	4.01	cps
Neodymium	150-2	1037	953	940	977	5.36	cps
Nickel	60-2	7849	7459	7732	7680	2.61	cps
Phosphorus	31-2	117	133	167	139	18.33	cps
Potassium	39-2	67588	64339	64289	65405	2.89	cps
Rhodium	103-1	6057791	6105529	6055682	6073001	0.46	cps
Rhodium	103-2	1823323	1827425	1670002	1773583	5.06	cps
Scandium	45-1	4236960	4215429	4210600	4220997	0.33	cps
Scandium	45-2	41662	40645	36899	39735	6.31	cps
Selenium	77-2	13	3	13	10	57.75	cps
Selenium	78-2	4	11	17	10	62.01	cps
Selenium	82-1	171	226	148	182	21.94	cps
Silicon	28-1	49104188	49337382	49453641	49298404	0.36	cps
Silver	109-1	1417	1475	1575	1489	5.38	cps
Silver	107-1	1483	1550	1567	1533	2.88	cps
Sodium	23-2	2080533	2098321	2068275	2082376	0.73	cps
Strontium	86-1	10165984	10341311	10372262	10293186	1.08	cps
Strontium	88-1	87501023	88546058	88753221	88266767	0.76	cps
Sulfur	34-1	849903	857333	850882	852706	0.47	cps
Terbium	159-1	6945528	6952373	6954717	6950873	0.07	cps
Terbium	159-2	1800002	1792488	1617294	1736595	5.95	cps
Thallium	203-1	208	158	192	186	13.68	cps
Thallium	205-1	475	458	425	453	5.62	cps
Tin	118-1	2175	1892	1792	1953	10.18	cps
Titanium	47-1	110895	109232	107874	109334	1.38	cps
Uranium	238-1	94912	97229	94046	95396	1.73	cps
Vanadium	51-2	4087	4221	4097	4135	1.80	cps
Yttrium	89-1	7191573	7317899	7319855	7276442	1.01	cps
Yttrium	89-2	272717	270468	250335	264507	4.66	cps
Zinc	66-2	4307	4424	4221	4317	2.36	cps
Zirconium	90-1	38039	37135	37504	37559	1.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-03	Instrumnet Name :	P8
Client Sample ID :	MCWYG8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:46:25	DataFile Name :	066SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8595	8687	8028	8437	4.23	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	50	92	89	42.28	cps
Antimony	121-1	1150	1075	883	1036	13.27	cps
Arsenic	75-2	932	876	882	896	3.41	cps
Barium	135-1	330823	331271	323285	328460	1.37	cps
Barium	137-1	576031	575975	564870	572292	1.12	cps
Beryllium	9-1	17	56	39	37	52.68	cps
Bismuth	209-1	3387117	3621769	3633517	3547468	3.92	cps
Bismuth	209-2	1260453	1262133	1250025	1257537	0.52	cps
Boron	11-1	60219	59818	60779	60272	0.80	cps
Boron	10-1	12840	13048	12840	12909	0.93	cps
Cadmium	106-1	1450	1367	1533	1450	5.75	cps
Cadmium	108-1	208	188	192	196	5.63	cps
Cadmium	111-1	890	863	977	910	6.53	cps
Calcium	43-1	1866310	1870715	1823923	1853649	1.39	cps
Calcium	44-1	29450057	29842684	29707086	29666609	0.67	cps
Chromium	52-2	5511	5708	5354	5525	3.21	cps
Cobalt	59-2	160	190	173	174	8.62	cps
Copper	63-2	3227	3164	3217	3203	1.06	cps
Dysprosium	156-1	42	33	8	28	62.46	cps
Dysprosium	156-2	13	20	3	12	68.66	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	6174457	6442537	6442063	6353019	2.43	cps
Holmium	165-2	1820487	1806288	1785998	1804257	0.96	cps
Indium	115-1	6044544	6471280	6419707	6311844	3.69	cps
Indium	115-2	351516	348253	346234	348668	0.76	cps
Iron	56-2	11032	10832	10727	10864	1.43	cps
Iron	57-2	178	300	317	265	28.64	cps
Lead	206-1	617	750	778	715	12.05	cps
Lead	207-1	517	544	444	502	10.29	cps
Lead	208-1	2778	2700	2339	2606	8.99	cps
Lithium	6-1	726229	769857	764792	753626	3.17	cps
Magnesium	24-2	1754005	1729447	1691823	1725092	1.82	cps
Manganese	55-2	903	870	973	916	5.76	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	39676	40303	37344	39108	3.99	cps
Molybdenum	94-1	14375	14967	14450	14597	2.21	cps
Molybdenum	95-1	25375	23805	23513	24231	4.13	cps
Molybdenum	96-1	25642	26602	25517	25920	2.29	cps
Molybdenum	97-1	15593	15184	14967	15248	2.08	cps
Neodymium	150-1	33	53	27	38	36.74	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	913	727	787	809	11.78	cps
Phosphorus	31-2	8	0	50	19	137.78	cps
Potassium	39-2	26935	26960	26584	26827	0.78	cps
Rhodium	103-1	5764426	6077304	5980301	5940677	2.70	cps
Rhodium	103-2	1828446	1848368	1804793	1827202	1.19	cps
Scandium	45-1	3989111	4258188	4188462	4145254	3.37	cps
Scandium	45-2	41150	39990	40311	40484	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	7	8	13.31	cps
Selenium	82-1	39	-68	44	5	1274.15	cps
Silicon	28-1	35729603	35893020	35630560	35751061	0.37	cps
Silver	109-1	1367	1433	1433	1411	2.73	cps
Silver	107-1	1500	1425	1450	1458	2.62	cps
Sodium	23-2	1765544	1737091	1756886	1753174	0.83	cps
Strontium	86-1	12579457	12675474	12451944	12568958	0.89	cps
Strontium	88-1	109293769	107742777	106178023	107738190	1.45	cps
Sulfur	34-1	880703	878505	883080	880762	0.26	cps
Terbium	159-1	6517158	6922041	6925589	6788263	3.46	cps
Terbium	159-2	1825251	1793679	1773198	1797376	1.46	cps
Thallium	203-1	158	175	108	147	23.57	cps
Thallium	205-1	350	292	242	294	18.41	cps
Tin	118-1	933	825	958	906	7.83	cps
Titanium	47-1	542	592	758	631	17.99	cps
Uranium	238-1	76226	77601	76134	76653	1.07	cps
Vanadium	51-2	993	1153	987	1045	9.03	cps
Yttrium	89-1	6866775	7217323	7138268	7074122	2.60	cps
Yttrium	89-2	271216	268033	267638	268962	0.73	cps
Zinc	66-2	1620	1613	1803	1679	6.42	cps
Zirconium	90-1	1242	1233	1142	1206	4.60	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-04	Instrumnet Name :	P8
Client Sample ID :	MCWYH1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:49:32	DataFile Name :	067SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	242	358	331	23.83	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3576	3609	3901	3695	4.84	cps
Antimony	121-1	1750	1817	1817	1795	2.14	cps
Arsenic	75-2	782	739	676	732	7.25	cps
Barium	135-1	450903	446337	448096	448445	0.51	cps
Barium	137-1	785815	774711	771384	777303	0.97	cps
Beryllium	9-1	150	161	133	148	9.44	cps
Bismuth	209-1	3469382	3596710	3620088	3562060	2.28	cps
Bismuth	209-2	1263140	1268428	1251918	1261162	0.67	cps
Boron	11-1	81289	82486	83024	82266	1.08	cps
Boron	10-1	17386	18362	17862	17870	2.73	cps
Cadmium	106-1	1692	1433	1300	1475	13.50	cps
Cadmium	108-1	108	108	88	101	11.87	cps
Cadmium	111-1	1142	965	891	999	12.92	cps
Calcium	43-1	2072026	2010624	2045927	2042859	1.51	cps
Calcium	44-1	32854873	32927792	32724368	32835678	0.31	cps
Chromium	52-2	4724	4831	4804	4786	1.16	cps
Cobalt	59-2	863	793	810	822	4.45	cps
Copper	63-2	7209	6952	7129	7096	1.85	cps
Dysprosium	156-1	1692	1867	1609	1722	7.66	cps
Dysprosium	156-2	480	457	460	466	2.71	cps
Erbium	164-1	1417	1300	1508	1408	7.41	cps
Erbium	164-2	327	383	403	371	10.72	cps
Gadolinium	160-1	1867	1634	1784	1761	6.71	cps
Gadolinium	160-2	567	680	557	601	11.40	cps
Holmium	165-1	6448584	6497633	6552245	6499488	0.80	cps
Holmium	165-2	1818445	1789522	1808188	1805385	0.81	cps
Indium	115-1	6230442	6381304	6338311	6316686	1.23	cps
Indium	115-2	347449	350364	348925	348913	0.42	cps
Iron	56-2	305018	308835	306100	306651	0.64	cps
Iron	57-2	7780	7286	7619	7562	3.34	cps
Lead	206-1	3690	3784	3712	3728	1.32	cps
Lead	207-1	3162	3117	3173	3151	0.93	cps
Lead	208-1	14315	14609	15249	14724	3.24	cps
Lithium	6-1	759598	779595	781648	773614	1.57	cps
Magnesium	24-2	1754489	1760062	1753693	1756081	0.20	cps
Manganese	55-2	8109	8049	7609	7922	3.45	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	22820	22394	22520	22578	0.97	cps
Molybdenum	94-1	12282	11372	11822	11826	3.85	cps
Molybdenum	95-1	14308	14325	14283	14305	0.15	cps
Molybdenum	96-1	15318	15568	16027	15637	2.30	cps
Molybdenum	97-1	8828	9270	8486	8862	4.44	cps
Neodymium	150-1	3627	3207	3354	3396	6.28	cps
Neodymium	150-2	650	480	573	568	14.99	cps
Nickel	60-2	4571	4688	4631	4630	1.26	cps
Phosphorus	31-2	25	25	42	31	31.50	cps
Potassium	39-2	31194	31227	31545	31322	0.62	cps
Rhodium	103-1	5910151	6041472	6037407	5996343	1.25	cps
Rhodium	103-2	1817040	1825861	1814142	1819014	0.34	cps
Scandium	45-1	4097635	4163999	4165111	4142248	0.93	cps
Scandium	45-2	39934	39933	39740	39869	0.28	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	13	4	2	6	96.48	cps
Selenium	82-1	95	7	-28	25	254.49	cps
Silicon	28-1	39263181	39746156	38586178	39198505	1.49	cps
Silver	109-1	1725	1625	1767	1706	4.27	cps
Silver	107-1	1675	1859	1842	1792	5.66	cps
Sodium	23-2	2062088	2049044	2065010	2058714	0.41	cps
Strontium	86-1	11500769	11341623	11393845	11412079	0.71	cps
Strontium	88-1	99431786	98041533	97965761	98479693	0.84	cps
Sulfur	34-1	699674	694408	688508	694197	0.80	cps
Terbium	159-1	6785927	7014741	6885656	6895441	1.66	cps
Terbium	159-2	1775957	1789313	1796099	1787123	0.57	cps
Thallium	203-1	100	150	133	128	19.93	cps
Thallium	205-1	317	242	267	275	13.89	cps
Tin	118-1	1383	1225	1267	1292	6.35	cps
Titanium	47-1	28405	23436	22202	24681	13.31	cps
Uranium	238-1	105680	110698	107387	107922	2.36	cps
Vanadium	51-2	1507	1560	1617	1561	3.52	cps
Yttrium	89-1	7102658	7214066	7197326	7171350	0.84	cps
Yttrium	89-2	266099	264215	266146	265486	0.41	cps
Zinc	66-2	7779	7946	7789	7838	1.19	cps
Zirconium	90-1	9921	9587	9462	9657	2.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-05	Instrumnet Name :	P8
Client Sample ID :	MCWYH2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:52:40	DataFile Name :	068SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2109	2142	2167	2139	1.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	408	508	489	14.89	cps
Antimony	121-1	1559	1584	1575	1572	0.81	cps
Arsenic	75-2	1333	1417	1461	1404	4.62	cps
Barium	135-1	560166	561812	550288	557422	1.12	cps
Barium	137-1	979784	968709	959900	969464	1.03	cps
Beryllium	9-1	56	122	39	72	61.06	cps
Bismuth	209-1	3594828	3673970	3628608	3632469	1.09	cps
Bismuth	209-2	1271490	1267542	1185190	1241407	3.93	cps
Boron	11-1	142148	147898	145438	145161	1.99	cps
Boron	10-1	31819	31903	31961	31895	0.22	cps
Cadmium	106-1	1433	1308	1275	1339	6.23	cps
Cadmium	108-1	25	33	42	33	25.01	cps
Cadmium	111-1	1061	943	938	981	7.09	cps
Calcium	43-1	1607600	1626310	1616264	1616725	0.58	cps
Calcium	44-1	26211203	26343316	25802204	26118908	1.08	cps
Chromium	52-2	6205	6265	6098	6189	1.36	cps
Cobalt	59-2	573	617	577	589	4.09	cps
Copper	63-2	2287	2220	2314	2274	2.12	cps
Dysprosium	156-1	400	350	417	389	8.92	cps
Dysprosium	156-2	113	70	83	89	24.97	cps
Erbium	164-1	358	375	358	364	2.65	cps
Erbium	164-2	93	107	103	101	6.86	cps
Gadolinium	160-1	442	383	367	397	9.91	cps
Gadolinium	160-2	127	137	163	142	13.33	cps
Holmium	165-1	6649154	6714263	6685867	6683094	0.49	cps
Holmium	165-2	1850900	1830477	1679889	1787089	5.23	cps
Indium	115-1	6341203	6472699	6426738	6413547	1.04	cps
Indium	115-2	346457	345944	318998	337133	4.66	cps
Iron	56-2	474474	471807	468795	471692	0.60	cps
Iron	57-2	11894	12328	11516	11913	3.41	cps
Lead	206-1	2517	2373	2473	2454	3.02	cps
Lead	207-1	2161	2122	2000	2095	4.01	cps
Lead	208-1	10030	9502	9635	9722	2.82	cps
Lithium	6-1	771984	774377	774601	773654	0.19	cps
Magnesium	24-2	1168525	1157392	1164885	1163601	0.49	cps
Manganese	55-2	26382	25510	26088	25993	1.71	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	22520	23713	23138	23123	2.58	cps
Molybdenum	94-1	10813	10571	10763	10716	1.19	cps
Molybdenum	95-1	13991	14725	14392	14369	2.56	cps
Molybdenum	96-1	16452	16377	15401	16077	3.65	cps
Molybdenum	97-1	9937	9053	9220	9404	4.99	cps
Neodymium	150-1	407	473	467	449	8.18	cps
Neodymium	150-2	70	87	60	72	18.66	cps
Nickel	60-2	5134	5608	5204	5316	4.81	cps
Phosphorus	31-2	75	150	92	106	37.31	cps
Potassium	39-2	47247	47063	47231	47180	0.22	cps
Rhodium	103-1	6049170	6082515	5998258	6043314	0.70	cps
Rhodium	103-2	1824400	1807230	1679972	1770534	4.46	cps
Scandium	45-1	4144768	4178342	4108397	4143835	0.84	cps
Scandium	45-2	39222	39218	36825	38422	3.60	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-66	-44	-104	-72	-42.46	cps
Silicon	28-1	49325932	49376927	49135465	49279441	0.26	cps
Silver	109-1	1450	1417	1442	1436	1.21	cps
Silver	107-1	1650	1500	1692	1614	6.25	cps
Sodium	23-2	5485973	5499602	5417551	5467709	0.80	cps
Strontium	86-1	8071747	8167297	8002371	8080472	1.02	cps
Strontium	88-1	69740183	70144347	68570647	69485059	1.18	cps
Sulfur	34-1	918902	915019	915931	916617	0.22	cps
Terbium	159-1	6976923	7020458	7054131	7017171	0.55	cps
Terbium	159-2	1797568	1787274	1676821	1753888	3.82	cps
Thallium	203-1	25	158	100	94	70.77	cps
Thallium	205-1	308	150	200	219	36.88	cps
Tin	118-1	2392	2492	2075	2320	9.38	cps
Titanium	47-1	2967	2917	3309	3064	6.96	cps
Uranium	238-1	24509	24458	24408	24458	0.21	cps
Vanadium	51-2	803	853	767	808	5.39	cps
Yttrium	89-1	7218971	7161812	7150652	7177145	0.51	cps
Yttrium	89-2	261483	263374	241763	255540	4.68	cps
Zinc	66-2	128323	128761	126867	127984	0.77	cps
Zirconium	90-1	7286	7953	7336	7525	4.94	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-06	Instrumnet Name :	P8
Client Sample ID :	MCWYH3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:55:46	DataFile Name :	069SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1892	1625	1809	1775	7.69	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1400	1533	1459	4.67	cps
Antimony	121-1	2217	1800	1984	2000	10.44	cps
Arsenic	75-2	943	883	841	889	5.75	cps
Barium	135-1	498067	493020	490658	493915	0.77	cps
Barium	137-1	855940	852454	852376	853590	0.24	cps
Beryllium	9-1	361	350	261	324	16.91	cps
Bismuth	209-1	3764099	3743414	3711302	3739605	0.71	cps
Bismuth	209-2	1244529	1266154	1272890	1261191	1.17	cps
Boron	11-1	86654	89210	90669	88844	2.29	cps
Boron	10-1	19648	20106	19355	19703	1.92	cps
Cadmium	106-1	1292	1317	1150	1253	7.18	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Cadmium	111-1	1004	972	836	937	9.49	cps
Calcium	43-1	1630456	1630785	1625082	1628774	0.20	cps
Calcium	44-1	26310178	26405467	26025592	26247079	0.75	cps
Chromium	52-2	3090	2977	2984	3017	2.11	cps
Cobalt	59-2	453	387	413	418	8.03	cps
Copper	63-2	25236	25403	26312	25651	2.26	cps
Dysprosium	156-1	1108	1092	1100	1100	0.76	cps
Dysprosium	156-2	310	370	337	339	8.87	cps
Erbium	164-1	1142	1033	958	1045	8.82	cps
Erbium	164-2	257	327	250	278	15.29	cps
Gadolinium	160-1	1125	1142	1175	1147	2.22	cps
Gadolinium	160-2	350	427	380	386	10.02	cps
Holmium	165-1	6671041	6722964	6583913	6659306	1.06	cps
Holmium	165-2	1762854	1817522	1788589	1789655	1.53	cps
Indium	115-1	6473400	6401294	6405416	6426703	0.63	cps
Indium	115-2	333728	344796	342125	340216	1.70	cps
Iron	56-2	167695	168940	168932	168522	0.43	cps
Iron	57-2	4217	4117	4479	4271	4.37	cps
Lead	206-1	5801	5451	5885	5713	4.03	cps
Lead	207-1	4623	4740	4695	4686	1.26	cps
Lead	208-1	22108	21686	22180	21991	1.22	cps
Lithium	6-1	779589	778560	777690	778613	0.12	cps
Magnesium	24-2	1232607	1204844	1210738	1216063	1.20	cps
Manganese	55-2	28850	28135	28746	28577	1.35	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	29951	28080	29541	29191	3.37	cps
Molybdenum	94-1	13090	12490	13499	13026	3.90	cps
Molybdenum	95-1	17887	18447	17979	18104	1.66	cps
Molybdenum	96-1	20091	19823	20057	19990	0.73	cps
Molybdenum	97-1	10821	11739	11213	11258	4.09	cps
Neodymium	150-1	1620	1520	1493	1545	4.32	cps
Neodymium	150-2	310	273	220	268	16.90	cps
Nickel	60-2	3767	3584	3614	3655	2.69	cps
Phosphorus	31-2	42	25	58	42	40.00	cps
Potassium	39-2	30342	29574	29348	29755	1.75	cps
Rhodium	103-1	6117620	6066360	6049539	6077840	0.58	cps
Rhodium	103-2	1777001	1795171	1801770	1791314	0.72	cps
Scandium	45-1	4213162	4165549	4172923	4183878	0.61	cps
Scandium	45-2	38787	39181	39740	39236	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	-106	-93	-179	-126	-36.75	cps
Silicon	28-1	37955819	37655124	37698133	37769692	0.43	cps
Silver	109-1	1342	1200	1342	1295	6.32	cps
Silver	107-1	1659	1575	1483	1572	5.57	cps
Sodium	23-2	1697273	1689208	1653433	1679971	1.39	cps
Strontium	86-1	6455383	6421844	6402043	6426423	0.42	cps
Strontium	88-1	55880372	55235972	54852012	55322785	0.94	cps
Sulfur	34-1	745511	744055	744934	744833	0.10	cps
Terbium	159-1	7078757	7071098	7062842	7070899	0.11	cps
Terbium	159-2	1732488	1809817	1804029	1782111	2.42	cps
Thallium	203-1	75	117	108	100	22.05	cps
Thallium	205-1	250	225	283	253	11.58	cps
Tin	118-1	1083	1192	1042	1106	7.00	cps
Titanium	47-1	2250	2317	4324	2964	39.76	cps
Uranium	238-1	83246	82743	82423	82804	0.50	cps
Vanadium	51-2	1627	1960	1793	1793	9.29	cps
Yttrium	89-1	7275648	7218817	7117972	7204146	1.11	cps
Yttrium	89-2	257281	260989	262100	260123	0.97	cps
Zinc	66-2	1703	1680	1653	1679	1.49	cps
Zirconium	90-1	7294	7970	8170	7811	5.87	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-07	Instrumnet Name :	P8
Client Sample ID :	MCWYH4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:58:54	DataFile Name :	070SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1508	1625	1792	1642	8.67	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	517	533	550	8.02	cps
Antimony	121-1	1700	1884	1917	1834	6.36	cps
Arsenic	75-2	1759	1633	1641	1678	4.21	cps
Barium	135-1	624465	617281	613472	618406	0.90	cps
Barium	137-1	1071279	1071566	1069963	1070936	0.08	cps
Beryllium	9-1	44	83	72	67	30.04	cps
Bismuth	209-1	3717164	3729306	3740113	3728861	0.31	cps
Bismuth	209-2	1291900	1288661	1286309	1288957	0.22	cps
Boron	11-1	76185	77342	78055	77194	1.22	cps
Boron	10-1	16293	16877	17269	16813	2.92	cps
Cadmium	106-1	1784	1425	1725	1645	11.69	cps
Cadmium	108-1	275	263	229	256	9.27	cps
Cadmium	111-1	1156	851	1118	1042	15.94	cps
Calcium	43-1	2206412	2219878	2262841	2229710	1.32	cps
Calcium	44-1	35716407	35818433	36010536	35848459	0.42	cps
Chromium	52-2	11328	11014	11075	11139	1.49	cps
Cobalt	59-2	2530	2534	2617	2560	1.92	cps
Copper	63-2	10181	10104	9770	10018	2.18	cps
Dysprosium	156-1	708	608	608	642	9.00	cps
Dysprosium	156-2	190	173	197	187	6.44	cps
Erbium	164-1	700	600	542	614	13.04	cps
Erbium	164-2	137	143	137	139	2.77	cps
Gadolinium	160-1	675	775	725	725	6.90	cps
Gadolinium	160-2	220	187	227	211	10.15	cps
Holmium	165-1	6846695	6780947	6669102	6765581	1.33	cps
Holmium	165-2	1867205	1827582	1816991	1837259	1.44	cps
Indium	115-1	6469346	6461489	6452277	6461037	0.13	cps
Indium	115-2	346577	343716	347306	345866	0.55	cps
Iron	56-2	145803	143566	140615	143328	1.82	cps
Iron	57-2	3639	3645	3439	3575	3.28	cps
Lead	206-1	2545	2345	2256	2382	6.21	cps
Lead	207-1	1784	1922	2167	1958	9.92	cps
Lead	208-1	9352	9241	9313	9302	0.61	cps
Lithium	6-1	774225	781820	782140	779395	0.57	cps
Magnesium	24-2	1832698	1804135	1811255	1816030	0.82	cps
Manganese	55-2	532719	532928	532741	532796	0.02	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	36801	38263	38071	37712	2.11	cps
Molybdenum	94-1	14634	14725	14417	14592	1.09	cps
Molybdenum	95-1	23838	23279	23930	23683	1.49	cps
Molybdenum	96-1	25141	25684	25884	25570	1.50	cps
Molybdenum	97-1	14408	15393	15251	15017	3.54	cps
Neodymium	150-1	1007	1227	1107	1113	9.89	cps
Neodymium	150-2	197	190	157	181	11.83	cps
Nickel	60-2	5785	5595	5741	5707	1.75	cps
Phosphorus	31-2	42	17	42	33	43.30	cps
Potassium	39-2	50826	50098	51068	50664	1.00	cps
Rhodium	103-1	6148620	6143092	6050471	6114061	0.90	cps
Rhodium	103-2	1838612	1816988	1827051	1827550	0.59	cps
Scandium	45-1	4192844	4120001	4150591	4154479	0.88	cps
Scandium	45-2	39619	39318	39686	39541	0.50	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-45	35	-103	-38	-184.62	cps
Silicon	28-1	35971560	35542232	35810041	35774611	0.61	cps
Silver	109-1	1617	1550	1584	1584	2.11	cps
Silver	107-1	1575	1592	1617	1595	1.32	cps
Sodium	23-2	3207455	3204126	3215670	3209084	0.19	cps
Strontium	86-1	4135641	4070936	4038788	4081788	1.21	cps
Strontium	88-1	34817350	34390342	34311346	34506346	0.79	cps
Sulfur	34-1	461196	463699	463161	462685	0.28	cps
Terbium	159-1	7256692	7132098	7111020	7166603	1.10	cps
Terbium	159-2	1796300	1825310	1795255	1805621	0.94	cps
Thallium	203-1	233	283	167	228	25.70	cps
Thallium	205-1	442	542	500	494	10.16	cps
Tin	118-1	1408	1325	1417	1383	3.66	cps
Titanium	47-1	3209	3026	3001	3078	3.70	cps
Uranium	238-1	41997	41713	42014	41908	0.40	cps
Vanadium	51-2	1273	1447	1403	1375	6.56	cps
Yttrium	89-1	7290779	7214625	7204891	7236765	0.65	cps
Yttrium	89-2	265752	264509	264846	265036	0.24	cps
Zinc	66-2	1147	1083	1127	1119	2.89	cps
Zirconium	90-1	2809	2859	3192	2953	7.06	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-08	Instrumnet Name :	P8
Client Sample ID :	MCWYH5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:02:00	DataFile Name :	071SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	592	792	681	14.96	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : I4377-09 Instrumnet Name : P8
 Client Sample ID : MCWYH6 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 18:05:08 DataFile Name : 072SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	108	150	164	38.84	cps
Antimony	121-1	1475	1467	1700	1547	8.56	cps
Arsenic	75-2	982	869	965	938	6.50	cps
Barium	135-1	312159	314024	310169	312117	0.62	cps
Barium	137-1	545989	539139	540869	541999	0.66	cps
Beryllium	9-1	28	78	56	54	46.64	cps
Bismuth	209-1	3904618	3864987	3883766	3884457	0.51	cps
Bismuth	209-2	1210213	1303321	1310921	1274818	4.40	cps
Boron	11-1	65308	66338	68690	66779	2.60	cps
Boron	10-1	14675	15125	15100	14967	1.69	cps
Cadmium	106-1	1350	1375	1550	1425	7.65	cps
Cadmium	108-1	29	4	25	19	68.87	cps
Cadmium	111-1	966	993	1113	1024	7.65	cps
Calcium	43-1	1682270	1723183	1676004	1693819	1.51	cps
Calcium	44-1	27449385	27386982	27524725	27453697	0.25	cps
Chromium	52-2	1510	1543	1337	1463	7.58	cps
Cobalt	59-2	147	100	123	123	18.92	cps
Copper	63-2	2057	2187	2050	2098	3.67	cps
Dysprosium	156-1	100	192	142	144	31.78	cps
Dysprosium	156-2	27	53	23	34	47.73	cps
Erbium	164-1	142	133	183	153	17.53	cps
Erbium	164-2	27	30	30	29	6.65	cps
Gadolinium	160-1	142	100	108	117	18.90	cps
Gadolinium	160-2	33	50	43	42	19.87	cps
Holmium	165-1	6858227	6790926	6909810	6852988	0.87	cps
Holmium	165-2	1681791	1815313	1864800	1787302	5.30	cps
Indium	115-1	6619355	6591809	6583735	6598300	0.28	cps
Indium	115-2	321671	343367	345685	336908	3.93	cps
Iron	56-2	13468	12456	12807	12910	3.98	cps
Iron	57-2	389	356	372	372	4.48	cps
Lead	206-1	778	744	728	750	3.39	cps
Lead	207-1	567	678	589	611	9.62	cps
Lead	208-1	2645	2878	2734	2752	4.28	cps
Lithium	6-1	783312	785487	781129	783309	0.28	cps
Magnesium	24-2	1601418	1572173	1558159	1577250	1.40	cps
Manganese	55-2	927	913	837	892	5.44	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-09	Instrumnet Name :	P8
Client Sample ID :	MCWYH6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:05:08	DataFile Name :	072SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	35422	36158	34721	35434	2.03	cps
Molybdenum	94-1	13132	12865	13816	13271	3.70	cps
Molybdenum	95-1	21184	21209	21476	21290	0.76	cps
Molybdenum	96-1	24206	23229	23622	23686	2.08	cps
Molybdenum	97-1	13516	14575	13791	13961	3.94	cps
Neodymium	150-1	187	240	233	220	13.21	cps
Neodymium	150-2	37	50	27	38	30.98	cps
Nickel	60-2	560	570	553	561	1.50	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	24263	23254	23354	23623	2.36	cps
Rhodium	103-1	6184985	6213712	6175761	6191486	0.32	cps
Rhodium	103-2	1685614	1803510	1829498	1772874	4.33	cps
Scandium	45-1	4170277	4217865	4207070	4198404	0.59	cps
Scandium	45-2	36638	38018	38827	37828	2.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	9	6	7	24.97	cps
Selenium	82-1	82	62	60	68	17.61	cps
Silicon	28-1	34229180	34321629	34036385	34195731	0.43	cps
Silver	109-1	1033	1125	1058	1072	4.42	cps
Silver	107-1	1300	1133	1183	1206	7.09	cps
Sodium	23-2	1717932	1684729	1676571	1693077	1.29	cps
Strontium	86-1	13097925	13319090	13024181	13147065	1.17	cps
Strontium	88-1	113138898	113769273	111343707	112750626	1.12	cps
Sulfur	34-1	778118	774544	779499	777387	0.33	cps
Terbium	159-1	7243609	7345572	7141243	7243475	1.41	cps
Terbium	159-2	1694751	1797774	1843215	1778580	4.28	cps
Thallium	203-1	108	75	75	86	22.35	cps
Thallium	205-1	225	183	242	217	13.87	cps
Tin	118-1	875	783	775	811	6.84	cps
Titanium	47-1	925	975	925	942	3.07	cps
Uranium	238-1	65272	65020	64643	64979	0.49	cps
Vanadium	51-2	1047	1060	1060	1056	0.73	cps
Yttrium	89-1	7407381	7342561	7284361	7344767	0.84	cps
Yttrium	89-2	242984	257356	262098	254146	3.92	cps
Zinc	66-2	1927	1820	1903	1883	2.98	cps
Zirconium	90-1	1325	1175	1025	1175	12.77	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-09	Instrumnet Name :	P8
Client Sample ID :	MCWYH6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:05:08	DataFile Name :	072SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	308	283	314	10.73	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	217	684	409	59.88	cps
Antimony	121-1	1433	1383	1367	1395	2.49	cps
Arsenic	75-2	713	648	704	688	5.09	cps
Barium	135-1	442016	442410	439124	441184	0.41	cps
Barium	137-1	768361	760571	762005	763646	0.54	cps
Beryllium	9-1	50	61	33	48	29.04	cps
Bismuth	209-1	3895813	3870039	3884481	3883444	0.33	cps
Bismuth	209-2	1321715	1324481	1323117	1323104	0.10	cps
Boron	11-1	133803	137185	138716	136568	1.84	cps
Boron	10-1	29648	30366	30901	30305	2.08	cps
Cadmium	106-1	1308	1308	1408	1342	4.30	cps
Cadmium	108-1	33	8	17	19	65.47	cps
Cadmium	111-1	951	998	1053	1001	5.13	cps
Calcium	43-1	1877665	1842221	1839670	1853185	1.15	cps
Calcium	44-1	29549393	29363104	29037808	29316768	0.88	cps
Chromium	52-2	1730	1770	1547	1682	7.08	cps
Cobalt	59-2	607	513	483	534	12.04	cps
Copper	63-2	2977	3040	2964	2994	1.37	cps
Dysprosium	156-1	975	925	933	945	2.84	cps
Dysprosium	156-2	250	260	237	249	4.70	cps
Erbium	164-1	775	700	833	770	8.69	cps
Erbium	164-2	190	180	213	194	8.80	cps
Gadolinium	160-1	875	742	858	825	8.81	cps
Gadolinium	160-2	250	223	290	254	13.19	cps
Holmium	165-1	6935419	6925980	6908610	6923336	0.20	cps
Holmium	165-2	1850158	1867471	1866565	1861398	0.52	cps
Indium	115-1	6669632	6709537	6598979	6659383	0.84	cps
Indium	115-2	350585	350832	350050	350489	0.11	cps
Iron	56-2	35335	37588	36929	36617	3.16	cps
Iron	57-2	867	950	972	930	5.99	cps
Lead	206-1	2567	2611	2378	2519	4.92	cps
Lead	207-1	1917	2006	1989	1971	2.40	cps
Lead	208-1	9335	9830	9435	9533	2.74	cps
Lithium	6-1	777551	777780	776732	777355	0.07	cps
Magnesium	24-2	1577511	1562102	1582166	1573926	0.67	cps
Manganese	55-2	6265	6101	5951	6106	2.57	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	50186	50612	50520	50439	0.44	cps
Molybdenum	94-1	18964	18555	18405	18641	1.55	cps
Molybdenum	95-1	32247	31738	30869	31618	2.20	cps
Molybdenum	96-1	33192	32707	33192	33030	0.85	cps
Molybdenum	97-1	20258	19373	19707	19779	2.26	cps
Neodymium	150-1	1754	1894	1827	1825	3.84	cps
Neodymium	150-2	217	277	330	274	20.66	cps
Nickel	60-2	3037	2944	3124	3035	2.97	cps
Phosphorus	31-2	17	25	33	25	33.34	cps
Potassium	39-2	56247	55318	57057	56207	1.55	cps
Rhodium	103-1	6257008	6220183	6194957	6224049	0.50	cps
Rhodium	103-2	1844261	1859894	1838901	1847685	0.59	cps
Scandium	45-1	4192752	4167167	4168414	4176111	0.35	cps
Scandium	45-2	39004	39382	38643	39010	0.95	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	-78	-58	73	-21	-392.52	cps
Silicon	28-1	31746983	32002127	31755674	31834928	0.46	cps
Silver	109-1	683	758	892	778	13.57	cps
Silver	107-1	892	1050	933	958	8.56	cps
Sodium	23-2	2122066	2116523	2106164	2114918	0.38	cps
Strontium	86-1	18823182	18716083	18639682	18726315	0.49	cps
Strontium	88-1	163174212	159773999	159866341	160938184	1.20	cps
Sulfur	34-1	717824	723767	713038	718209	0.75	cps
Terbium	159-1	7346657	7202038	7353231	7300642	1.17	cps
Terbium	159-2	1842177	1816810	1873511	1844166	1.54	cps
Thallium	203-1	142	133	92	122	21.92	cps
Thallium	205-1	242	325	200	256	24.91	cps
Tin	118-1	1759	1642	1600	1667	4.93	cps
Titanium	47-1	1292	1092	1208	1197	8.39	cps
Uranium	238-1	88456	87675	88472	88201	0.52	cps
Vanadium	51-2	1113	1170	1183	1156	3.22	cps
Yttrium	89-1	7436187	7251285	7324741	7337405	1.27	cps
Yttrium	89-2	264628	264198	263478	264101	0.22	cps
Zinc	66-2	1127	1023	997	1049	6.55	cps
Zirconium	90-1	2150	2017	1942	2036	5.18	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-10	Instrumnet Name :	P8
Client Sample ID :	MCWYH7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:08:16	DataFile Name :	073SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	709	417	500	36.35	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	242	242	233	6.19	cps
Antimony	121-1	4659	4593	4776	4676	1.99	cps
Arsenic	75-2	787	715	754	752	4.81	cps
Barium	135-1	2863303	2873495	2845024	2860607	0.50	cps
Barium	137-1	4951212	4925585	4936083	4937627	0.26	cps
Beryllium	9-1	50	50	44	48	6.65	cps
Bismuth	209-1	3996415	4011846	3979650	3995970	0.40	cps
Bismuth	209-2	1342731	1326110	1326423	1331755	0.71	cps
Boron	11-1	222744	230287	233633	228888	2.44	cps
Boron	10-1	49804	49687	50882	50125	1.31	cps
Cadmium	106-1	1417	1575	1567	1520	5.86	cps
Cadmium	108-1	79	96	79	85	11.36	cps
Cadmium	111-1	1636	1702	1675	1671	1.98	cps
Calcium	43-1	3359134	3360177	3328011	3349107	0.55	cps
Calcium	44-1	54398362	54790126	53907060	54365182	0.81	cps
Chromium	52-2	4071	4331	3964	4122	4.58	cps
Cobalt	59-2	3601	3651	3500	3584	2.13	cps
Copper	63-2	168744	167769	166591	167701	0.64	cps
Dysprosium	156-1	592	775	783	717	15.12	cps
Dysprosium	156-2	220	217	167	201	14.86	cps
Erbium	164-1	2025	2200	2300	2175	6.40	cps
Erbium	164-2	437	497	587	507	14.90	cps
Gadolinium	160-1	933	1075	975	995	7.32	cps
Gadolinium	160-2	283	327	277	296	9.19	cps
Holmium	165-1	7153118	7153636	7103429	7136728	0.40	cps
Holmium	165-2	1917670	1871985	1853008	1880888	1.77	cps
Indium	115-1	6685184	6712084	6649830	6682366	0.47	cps
Indium	115-2	342211	344482	341805	342833	0.42	cps
Iron	56-2	59207	56183	55651	57013	3.36	cps
Iron	57-2	1406	1595	1489	1496	6.33	cps
Lead	206-1	2445	2128	2306	2293	6.92	cps
Lead	207-1	1917	1856	2034	1935	4.67	cps
Lead	208-1	9063	8824	8996	8961	1.38	cps
Lithium	6-1	798511	799155	797844	798503	0.08	cps
Magnesium	24-2	1803321	1804926	1777124	1795124	0.87	cps
Manganese	55-2	4456174	4429232	4433852	4439753	0.32	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17746	18797	17329	17957	4.21	cps
Molybdenum	94-1	8453	8028	8145	8208	2.68	cps
Molybdenum	95-1	11222	11297	11564	11361	1.58	cps
Molybdenum	96-1	12173	11964	12089	12075	0.87	cps
Molybdenum	97-1	7077	7561	7394	7344	3.35	cps
Neodymium	150-1	540	593	653	596	9.52	cps
Neodymium	150-2	83	83	90	86	4.49	cps
Nickel	60-2	10964	10901	10768	10878	0.92	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	121210	124849	123673	123244	1.51	cps
Rhodium	103-1	6207027	6245275	6267041	6239781	0.49	cps
Rhodium	103-2	1834165	1844523	1839614	1839434	0.28	cps
Scandium	45-1	4160097	4198027	4171566	4176563	0.47	cps
Scandium	45-2	38737	38817	38259	38604	0.78	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	7	4	4	5	43.39	cps
Selenium	82-1	-25	84	174	78	128.01	cps
Silicon	28-1	41503120	41646908	41870268	41673432	0.44	cps
Silver	109-1	1383	1500	1625	1503	8.04	cps
Silver	107-1	1584	1533	1617	1578	2.66	cps
Sodium	23-2	3304315	3223221	3252967	3260167	1.26	cps
Strontium	86-1	3318264	3323752	3347756	3329924	0.47	cps
Strontium	88-1	28095204	28044133	28283833	28141057	0.45	cps
Sulfur	34-1	359404	359347	363960	360904	0.73	cps
Terbium	159-1	7469808	7536309	7570329	7525482	0.68	cps
Terbium	159-2	1887437	1849952	1833850	1857079	1.48	cps
Thallium	203-1	1984	2234	2150	2123	6.00	cps
Thallium	205-1	5276	4910	4918	5035	4.16	cps
Tin	118-1	2325	2559	2259	2381	6.62	cps
Titanium	47-1	1008	1142	2148	1433	43.50	cps
Uranium	238-1	20727	21094	22304	21375	3.86	cps
Vanadium	51-2	7545	7489	7075	7370	3.48	cps
Yttrium	89-1	7456445	7420642	7522644	7466577	0.69	cps
Yttrium	89-2	264132	262750	262742	263208	0.30	cps
Zinc	66-2	1220	1257	1283	1253	2.54	cps
Zirconium	90-1	5877	5843	6019	5913	1.58	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:11:26	DataFile Name :	074SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1283	1242	1242	1256	1.92	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376606	378756	373606	376323	0.69	cps
Antimony	121-1	4994612	4957406	4935227	4962415	0.60	cps
Arsenic	75-2	76037	76555	76266	76286	0.34	cps
Barium	135-1	4919883	4933949	4942804	4932212	0.23	cps
Barium	137-1	8490742	8462920	8419526	8457729	0.42	cps
Beryllium	9-1	635869	635581	632343	634598	0.31	cps
Bismuth	209-1	3595316	3717712	3706226	3673085	1.84	cps
Bismuth	209-2	1266517	1276538	1256829	1266628	0.78	cps
Boron	11-1	358753	357996	362377	359709	0.65	cps
Boron	10-1	77903	78816	77258	77992	1.00	cps
Cadmium	106-1	112239	112685	111997	112307	0.31	cps
Cadmium	108-1	76583	77178	76989	76917	0.40	cps
Cadmium	111-1	1092596	1093715	1091657	1092656	0.09	cps
Calcium	43-1	5736843	5732513	5702617	5723991	0.33	cps
Calcium	44-1	94033660	94228579	93291848	93851363	0.53	cps
Chromium	52-2	562930	570056	564013	565666	0.68	cps
Cobalt	59-2	1255901	1261543	1248959	1255468	0.50	cps
Copper	63-2	2042016	2049080	2045250	2045449	0.17	cps
Dysprosium	156-1	117	125	125	122	3.94	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	75	75	42	64	30.12	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	117	142	108	122	14.19	cps
Gadolinium	160-2	23	13	23	20	28.87	cps
Holmium	165-1	6576279	6767112	6732647	6692013	1.52	cps
Holmium	165-2	1812519	1804563	1803307	1806796	0.28	cps
Indium	115-1	6046765	6122678	6095577	6088340	0.63	cps
Indium	115-2	318959	323207	319329	320498	0.73	cps
Iron	56-2	98047163	98986699	97379488	98137784	0.82	cps
Iron	57-2	2488453	2491154	2455601	2478403	0.80	cps
Lead	206-1	2379831	2368162	2371206	2373067	0.26	cps
Lead	207-1	2183706	2160283	2188540	2177510	0.69	cps
Lead	208-1	9748651	9673966	9716304	9712974	0.39	cps
Lithium	6-1	678195	682726	688895	683272	0.79	cps
Magnesium	24-2	9317899	9390101	9398164	9368721	0.47	cps
Manganese	55-2	319420	324864	320629	321638	0.89	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3684267	3674250	3601291	3653269	1.24	cps
Molybdenum	94-1	3997196	3972626	3974620	3981481	0.34	cps
Molybdenum	95-1	2300272	2293561	2273949	2289261	0.60	cps
Molybdenum	96-1	2868694	2857114	2913568	2879792	1.04	cps
Molybdenum	97-1	1436695	1415226	1416978	1422967	0.84	cps
Neodymium	150-1	233	187	220	213	11.27	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	367004	367159	362799	365654	0.68	cps
Phosphorus	31-2	6402	6193	5818	6138	4.82	cps
Potassium	39-2	2970985	2951845	2971442	2964757	0.38	cps
Rhodium	103-1	5685073	5777009	5689311	5717131	0.91	cps
Rhodium	103-2	1679818	1686347	1673548	1679905	0.38	cps
Scandium	45-1	3849347	3902211	3943495	3898351	1.21	cps
Scandium	45-2	36832	37283	36233	36783	1.43	cps
Selenium	77-2	510	420	500	477	10.35	cps
Selenium	78-2	1630	1735	1782	1716	4.54	cps
Selenium	82-1	71254	71743	71588	71528	0.35	cps
Silicon	28-1	2209595	2213229	2220461	2214428	0.25	cps
Silver	109-1	5044020	5055979	5063919	5054639	0.20	cps
Silver	107-1	5345565	5407610	5371856	5375011	0.58	cps
Sodium	23-2	22764295	22600671	22570275	22645080	0.46	cps
Strontium	86-1	1471557	1493725	1484177	1483153	0.75	cps
Strontium	88-1	12530884	12718270	12534843	12594666	0.85	cps
Sulfur	34-1	695147	687826	693612	692195	0.56	cps
Terbium	159-1	6981197	7067692	7152591	7067160	1.21	cps
Terbium	159-2	1813669	1786777	1776697	1792381	1.07	cps
Thallium	203-1	2974926	3005927	2998475	2993109	0.54	cps
Thallium	205-1	6939426	6936045	6925142	6933538	0.11	cps
Tin	118-1	3499074	3492078	3476069	3489074	0.34	cps
Titanium	47-1	601320	603422	603171	602638	0.19	cps
Uranium	238-1	8706332	8716324	8793654	8738770	0.55	cps
Vanadium	51-2	411701	410370	407670	409914	0.50	cps
Yttrium	89-1	6747060	6966811	6906914	6873595	1.65	cps
Yttrium	89-2	247316	252412	249978	249902	1.02	cps
Zinc	66-2	195439	197105	195047	195863	0.56	cps
Zirconium	90-1	7388154	7463175	7442032	7431120	0.52	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P8
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:14:32	DataFile Name :	075CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1661294	1673861	1659094	1664750	0.48	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	25	14	69.31	cps
Antimony	121-1	1175	1033	1175	1128	7.25	cps
Arsenic	75-2	2	9	4	5	78.12	cps
Barium	135-1	67	25	83	58	51.51	cps
Barium	137-1	117	100	108	108	7.69	cps
Beryllium	9-1	78	78	106	87	18.43	cps
Bismuth	209-1	3873054	3868324	3858279	3866552	0.20	cps
Bismuth	209-2	1312676	1315513	1308754	1312314	0.26	cps
Boron	11-1	8486	7419	8011	7972	6.71	cps
Boron	10-1	1608	1625	1500	1578	4.30	cps
Cadmium	106-1	1517	1233	1200	1317	13.22	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Cadmium	111-1	1068	887	837	931	13.08	cps
Calcium	43-1	3192	3159	2700	3017	9.11	cps
Calcium	44-1	67898	67053	64733	66561	2.46	cps
Chromium	52-2	877	880	770	842	7.43	cps
Cobalt	59-2	20	17	13	17	20.01	cps
Copper	63-2	360	280	313	318	12.65	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	6612948	6655686	6698941	6655858	0.65	cps
Holmium	165-2	1808053	1791829	1791146	1797009	0.53	cps
Indium	115-1	6345059	6377630	6348905	6357198	0.28	cps
Indium	115-2	333421	336759	334432	334871	0.51	cps
Iron	56-2	3695	3867	3639	3734	3.18	cps
Iron	57-2	106	122	83	104	18.81	cps
Lead	206-1	372	522	444	446	16.81	cps
Lead	207-1	456	306	306	356	24.36	cps
Lead	208-1	1539	1545	1611	1565	2.57	cps
Lithium	6-1	718644	720325	718538	719169	0.14	cps
Magnesium	24-2	75	58	67	67	12.49	cps
Manganese	55-2	83	40	63	62	34.86	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42	75	117	78	48.31	cps
Molybdenum	94-1	542	442	342	442	22.64	cps
Molybdenum	95-1	42	50	67	53	24.12	cps
Molybdenum	96-1	242	275	275	264	7.29	cps
Molybdenum	97-1	242	167	250	219	20.91	cps
Neodymium	150-1	33	20	0	18	94.38	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	73	67	71	5.41	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	3476	3351	3559	3462	3.03	cps
Rhodium	103-1	6049211	6081921	6085494	6072209	0.33	cps
Rhodium	103-2	1792831	1830713	1773746	1799097	1.61	cps
Scandium	45-1	3933357	3969248	3922411	3941672	0.62	cps
Scandium	45-2	36611	36935	36979	36842	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-123	-212	-96	-143	-42.30	cps
Silicon	28-1	391572	388940	387946	389486	0.48	cps
Silver	109-1	458	508	317	428	23.24	cps
Silver	107-1	483	433	483	467	6.19	cps
Sodium	23-2	6118	5935	5701	5918	3.53	cps
Strontium	86-1	1450	1350	1634	1478	9.72	cps
Strontium	88-1	508	750	583	614	20.15	cps
Sulfur	34-1	366639	364793	367350	366261	0.36	cps
Terbium	159-1	7007168	7081198	7053317	7047228	0.53	cps
Terbium	159-2	1797740	1774643	1773320	1781901	0.77	cps
Thallium	203-1	242	142	183	189	26.59	cps
Thallium	205-1	308	417	400	375	15.56	cps
Tin	118-1	967	783	758	836	13.61	cps
Titanium	47-1	125	67	167	119	42.05	cps
Uranium	238-1	67	33	50	50	33.34	cps
Vanadium	51-2	20	23	17	20	16.65	cps
Yttrium	89-1	6938660	6869165	6984052	6930626	0.83	cps
Yttrium	89-2	250031	250733	249111	249959	0.33	cps
Zinc	66-2	60	47	37	48	24.50	cps
Zirconium	90-1	833	900	733	822	10.20	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P8
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:19:48	DataFile Name :	076CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	225	192	219	11.60	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	200	258	222	14.20	cps
Antimony	121-1	3442	3542	3334	3439	3.03	cps
Arsenic	75-2	15	9	11	12	24.10	cps
Barium	135-1	1642	1734	1550	1642	5.58	cps
Barium	137-1	3326	3076	3226	3209	3.92	cps
Beryllium	9-1	22	33	56	37	45.84	cps
Bismuth	209-1	4076368	3933787	4087974	4032710	2.13	cps
Bismuth	209-2	1378691	1373686	1367576	1373318	0.41	cps
Boron	11-1	5535	5768	6243	5849	6.17	cps
Boron	10-1	1200	1267	1492	1320	11.58	cps
Cadmium	106-1	1417	1500	1392	1436	3.95	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	1025	1072	995	1031	3.79	cps
Calcium	43-1	9479	8912	9195	9195	3.08	cps
Calcium	44-1	153808	153372	153723	153635	0.15	cps
Chromium	52-2	1210	1160	1030	1133	8.20	cps
Cobalt	59-2	47	40	57	48	17.56	cps
Copper	63-2	1470	1500	1583	1518	3.87	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	100	33	50	61	56.78	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	7008536	6793526	7061573	6954545	2.04	cps
Holmium	165-2	1877989	1854277	1881962	1871409	0.80	cps
Indium	115-1	6741165	6513705	6720943	6658604	1.89	cps
Indium	115-2	351129	348414	344316	347953	0.99	cps
Iron	56-2	6279	6035	6302	6205	2.39	cps
Iron	57-2	206	239	128	191	29.89	cps
Lead	206-1	722	728	544	665	15.69	cps
Lead	207-1	622	617	500	580	11.91	cps
Lead	208-1	2928	2772	2406	2702	9.92	cps
Lithium	6-1	777727	758436	786580	774248	1.86	cps
Magnesium	24-2	1125	942	1167	1078	11.11	cps
Manganese	55-2	193	207	137	179	20.78	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	175	200	175	183	7.87	cps
Molybdenum	94-1	517	425	533	492	11.86	cps
Molybdenum	95-1	133	58	108	100	38.19	cps
Molybdenum	96-1	308	375	342	342	9.76	cps
Molybdenum	97-1	275	183	258	239	20.44	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	87	73	86	13.69	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	5343	5168	4659	5057	7.02	cps
Rhodium	103-1	6384776	6191404	6388861	6321680	1.78	cps
Rhodium	103-2	1881257	1881304	1874858	1879140	0.20	cps
Scandium	45-1	4175190	4020072	4110933	4102065	1.90	cps
Scandium	45-2	37948	37824	37654	37809	0.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-247	-80	-297	-208	-54.61	cps
Silicon	28-1	3369561	3355959	3342292	3355937	0.41	cps
Silver	109-1	2409	1967	2359	2245	10.78	cps
Silver	107-1	2442	2667	2367	2492	6.27	cps
Sodium	23-2	67896	67109	66338	67114	1.16	cps
Strontium	86-1	5185	5585	5751	5507	5.29	cps
Strontium	88-1	34603	34386	34528	34506	0.32	cps
Sulfur	34-1	353205	352279	346855	350780	0.98	cps
Terbium	159-1	7446462	7207006	7427803	7360424	1.81	cps
Terbium	159-2	1844413	1843279	1842923	1843538	0.04	cps
Thallium	203-1	383	333	258	325	19.36	cps
Thallium	205-1	717	650	567	644	11.66	cps
Tin	118-1	4343	6511	4301	5052	25.02	cps
Titanium	47-1	392	317	358	356	10.57	cps
Uranium	238-1	117	42	83	81	46.64	cps
Vanadium	51-2	57	43	60	53	16.54	cps
Yttrium	89-1	7312406	7113520	7283455	7236460	1.48	cps
Yttrium	89-2	259931	259019	256883	258611	0.61	cps
Zinc	66-2	317	280	303	300	6.19	cps
Zirconium	90-1	1075	2864	1108	1683	60.83	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-12	Instrumnet Name :	P8
Client Sample ID :	MCWYG4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:22:57	DataFile Name :	077SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	258	267	244	12.91	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	542	458	450	21.36	cps
Antimony	121-1	3684	3401	3559	3548	4.00	cps
Arsenic	75-2	1015	957	982	985	2.93	cps
Barium	135-1	348133	344563	345288	345995	0.55	cps
Barium	137-1	605295	597511	592658	598488	1.07	cps
Beryllium	9-1	89	117	128	111	18.03	cps
Bismuth	209-1	3984786	3995104	4005435	3995108	0.26	cps
Bismuth	209-2	1340895	1358498	1330083	1343159	1.07	cps
Boron	11-1	97580	100224	99468	99091	1.37	cps
Boron	10-1	21592	21600	21901	21698	0.81	cps
Cadmium	106-1	1533	1458	1100	1364	16.98	cps
Cadmium	108-1	42	54	42	46	15.74	cps
Cadmium	111-1	1123	1062	841	1009	14.73	cps
Calcium	43-1	1761528	1744810	1745895	1750744	0.53	cps
Calcium	44-1	27580074	27467575	27218406	27422018	0.67	cps
Chromium	52-2	2534	2597	2660	2597	2.44	cps
Cobalt	59-2	740	700	740	727	3.18	cps
Copper	63-2	2037	1930	1990	1986	2.69	cps
Dysprosium	156-1	158	192	258	203	25.11	cps
Dysprosium	156-2	43	37	27	36	23.58	cps
Erbium	164-1	183	133	133	150	19.24	cps
Erbium	164-2	53	30	47	43	27.73	cps
Gadolinium	160-1	225	167	133	175	26.51	cps
Gadolinium	160-2	73	40	30	48	47.49	cps
Holmium	165-1	6995362	7096325	6974500	7022063	0.93	cps
Holmium	165-2	1892015	1898962	1872375	1887784	0.73	cps
Indium	115-1	6638565	6663180	6762002	6687916	0.98	cps
Indium	115-2	344355	348319	344367	345680	0.66	cps
Iron	56-2	22469	22876	23884	23076	3.16	cps
Iron	57-2	644	711	500	619	17.45	cps
Lead	206-1	1389	1550	1428	1456	5.78	cps
Lead	207-1	1128	1233	1156	1172	4.67	cps
Lead	208-1	5351	5678	5478	5503	3.00	cps
Lithium	6-1	788373	790936	795568	791625	0.46	cps
Magnesium	24-2	1394942	1397172	1380087	1390734	0.67	cps
Manganese	55-2	26879	26813	26682	26791	0.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	410651	408004	403112	407255	0.94	cps
Molybdenum	94-1	145589	146894	145808	146097	0.48	cps
Molybdenum	95-1	254535	254265	258865	255888	1.01	cps
Molybdenum	96-1	274694	270514	270038	271748	0.94	cps
Molybdenum	97-1	159428	160657	157564	159217	0.98	cps
Neodymium	150-1	227	220	293	247	16.44	cps
Neodymium	150-2	33	43	27	34	24.35	cps
Nickel	60-2	930	903	907	913	1.59	cps
Phosphorus	31-2	33	8	25	22	57.29	cps
Potassium	39-2	114806	116881	113933	115207	1.31	cps
Rhodium	103-1	6268618	6222118	6258871	6249869	0.39	cps
Rhodium	103-2	1841172	1840477	1825690	1835780	0.48	cps
Scandium	45-1	4204828	4178122	4165642	4182864	0.48	cps
Scandium	45-2	38881	38089	37778	38249	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	2	9	7	66.16	cps
Selenium	82-1	105	178	84	122	40.55	cps
Silicon	28-1	32406884	32448213	32122526	32325874	0.55	cps
Silver	109-1	1792	1834	1825	1817	1.21	cps
Silver	107-1	1483	1700	1817	1667	10.15	cps
Sodium	23-2	2200338	2210968	2174321	2195209	0.86	cps
Strontium	86-1	26906137	26968059	26624082	26832759	0.68	cps
Strontium	88-1	231196755	230836763	228048013	230027177	0.75	cps
Sulfur	34-1	864987	856975	853333	858432	0.69	cps
Terbium	159-1	7405390	7472661	7419493	7432515	0.48	cps
Terbium	159-2	1867177	1887151	1819554	1857961	1.87	cps
Thallium	203-1	158	183	233	192	19.93	cps
Thallium	205-1	450	450	508	469	7.17	cps
Tin	118-1	2984	2792	2984	2920	3.79	cps
Titanium	47-1	1217	1125	2055	1465	34.95	cps
Uranium	238-1	83983	81819	82834	82879	1.31	cps
Vanadium	51-2	1627	1477	1720	1608	7.64	cps
Yttrium	89-1	7274203	7431908	7341886	7349332	1.08	cps
Yttrium	89-2	261984	264149	259282	261805	0.93	cps
Zinc	66-2	1050	1003	890	981	8.39	cps
Zirconium	90-1	2184	2184	2459	2275	6.99	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13	Instrumnet Name :	P8
Client Sample ID :	MCWYG6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:26:06	DataFile Name :	078SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	550	417	486	13.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	383	342	369	6.51	cps
Antimony	121-1	3626	3509	3559	3565	1.64	cps
Arsenic	75-2	948	933	939	940	0.80	cps
Barium	135-1	345910	348014	346027	346650	0.34	cps
Barium	137-1	606100	602553	594719	601124	0.97	cps
Beryllium	9-1	89	83	78	83	6.67	cps
Bismuth	209-1	4044006	4112734	4080836	4079192	0.84	cps
Bismuth	209-2	1346572	1259208	1329334	1311705	3.53	cps
Boron	11-1	97236	98436	99989	98554	1.40	cps
Boron	10-1	21392	20924	21809	21375	2.07	cps
Cadmium	106-1	1375	1367	1458	1400	3.62	cps
Cadmium	108-1	21	38	33	31	28.39	cps
Cadmium	111-1	1002	989	1064	1018	3.95	cps
Calcium	43-1	1745850	1738207	1724367	1736141	0.63	cps
Calcium	44-1	27428531	27351766	27149340	27309879	0.53	cps
Chromium	52-2	2580	2794	2577	2650	4.69	cps
Cobalt	59-2	713	800	740	751	5.91	cps
Copper	63-2	2094	1910	2060	2021	4.83	cps
Dysprosium	156-1	133	208	150	164	24.03	cps
Dysprosium	156-2	43	50	47	47	7.15	cps
Erbium	164-1	150	142	133	142	5.88	cps
Erbium	164-2	40	27	33	33	20.00	cps
Gadolinium	160-1	242	167	167	192	22.59	cps
Gadolinium	160-2	40	47	53	47	14.28	cps
Holmium	165-1	7142191	7185755	7059414	7129120	0.90	cps
Holmium	165-2	1914932	1739282	1863143	1839119	4.91	cps
Indium	115-1	6658869	6786278	6679695	6708281	1.02	cps
Indium	115-2	342384	321697	337806	333962	3.25	cps
Iron	56-2	23231	24700	25974	24635	5.57	cps
Iron	57-2	594	656	739	663	10.94	cps
Lead	206-1	1472	1595	1450	1506	5.17	cps
Lead	207-1	1183	1261	1206	1217	3.29	cps
Lead	208-1	5806	5645	5512	5654	2.61	cps
Lithium	6-1	793028	797209	797370	795869	0.31	cps
Magnesium	24-2	1379205	1373434	1364676	1372438	0.53	cps
Manganese	55-2	26225	26145	25938	26102	0.57	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	411002	405619	402568	406396	1.05	cps
Molybdenum	94-1	149095	145345	146263	146901	1.33	cps
Molybdenum	95-1	258475	256711	255256	256814	0.63	cps
Molybdenum	96-1	276563	271017	270933	272838	1.18	cps
Molybdenum	97-1	158973	160202	157547	158907	0.84	cps
Neodymium	150-1	273	247	207	242	13.85	cps
Neodymium	150-2	33	17	37	29	37.08	cps
Nickel	60-2	993	910	920	941	4.83	cps
Phosphorus	31-2	17	8	42	22	78.07	cps
Potassium	39-2	111227	113212	113615	112685	1.13	cps
Rhodium	103-1	6322253	6247200	6269426	6279627	0.61	cps
Rhodium	103-2	1837945	1712897	1834377	1795073	3.97	cps
Scandium	45-1	4192575	4162339	4208182	4187698	0.56	cps
Scandium	45-2	38630	34990	36310	36644	5.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	-12	141	-137	-3	-4814.79	cps
Silicon	28-1	32056448	32123039	31890422	32023303	0.37	cps
Silver	109-1	1617	1525	1467	1536	4.92	cps
Silver	107-1	1684	1558	1575	1606	4.23	cps
Sodium	23-2	2179865	2188187	2150855	2172969	0.90	cps
Strontium	86-1	26799485	26703167	26782682	26761778	0.19	cps
Strontium	88-1	232489597	230989647	230096388	231191877	0.52	cps
Sulfur	34-1	854371	851184	853483	853012	0.19	cps
Terbium	159-1	7520643	7572965	7571848	7555152	0.40	cps
Terbium	159-2	1834644	1725476	1850079	1803400	3.77	cps
Thallium	203-1	167	150	183	167	10.00	cps
Thallium	205-1	408	383	308	367	14.19	cps
Tin	118-1	2834	2667	3034	2845	6.45	cps
Titanium	47-1	1158	1308	1492	1320	12.66	cps
Uranium	238-1	85142	85796	84747	85228	0.62	cps
Vanadium	51-2	1517	1603	1497	1539	3.68	cps
Yttrium	89-1	7387047	7387172	7369044	7381088	0.14	cps
Yttrium	89-2	259340	241340	252215	250965	3.61	cps
Zinc	66-2	777	667	667	703	9.03	cps
Zirconium	90-1	2142	1984	2392	2173	9.48	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-14	Instrumnet Name :	P8
Client Sample ID :	MCWYG6D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:29:16	DataFile Name :	079SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	475	558	542	11.10	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	50	83	94	53.91	cps
Antimony	121-1	742	683	592	672	11.25	cps
Arsenic	75-2	169	189	148	169	12.09	cps
Barium	135-1	66015	67598	65346	66319	1.74	cps
Barium	137-1	114073	113845	113543	113820	0.23	cps
Beryllium	9-1	89	50	56	65	32.45	cps
Bismuth	209-1	3902009	3723825	3848437	3824757	2.39	cps
Bismuth	209-2	1338507	1328554	1337660	1334907	0.41	cps
Boron	11-1	24263	25023	24947	24744	1.69	cps
Boron	10-1	5576	5451	4959	5329	6.12	cps
Cadmium	106-1	1375	1308	1317	1333	2.72	cps
Cadmium	108-1	8	42	17	22	78.07	cps
Cadmium	111-1	978	916	943	946	3.27	cps
Calcium	43-1	324044	320627	315653	320108	1.32	cps
Calcium	44-1	5297196	5271088	5221261	5263181	0.73	cps
Chromium	52-2	1210	1227	1033	1157	9.26	cps
Cobalt	59-2	160	163	173	166	4.19	cps
Copper	63-2	747	747	747	747	0.00	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	13	20	3	12	68.66	cps
Gadolinium	160-1	67	50	75	64	19.93	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	6843908	6560132	6628589	6677543	2.22	cps
Holmium	165-2	1833651	1824964	1842797	1833804	0.49	cps
Indium	115-1	6492707	6272079	6319674	6361486	1.83	cps
Indium	115-2	339485	336411	340124	338673	0.59	cps
Iron	56-2	7185	7291	6913	7130	2.73	cps
Iron	57-2	156	222	206	194	17.84	cps
Lead	206-1	439	406	444	430	4.90	cps
Lead	207-1	356	433	428	406	10.70	cps
Lead	208-1	1639	1872	1839	1783	7.08	cps
Lithium	6-1	736183	705249	716770	719401	2.17	cps
Magnesium	24-2	260324	261403	261598	261108	0.26	cps
Manganese	55-2	5071	5198	5298	5189	2.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	78954	78988	77254	78399	1.26	cps
Molybdenum	94-1	28539	27236	27963	27913	2.34	cps
Molybdenum	95-1	48705	47827	48387	48306	0.92	cps
Molybdenum	96-1	52393	51825	52913	52377	1.04	cps
Molybdenum	97-1	29859	30811	30368	30346	1.57	cps
Neodymium	150-1	33	7	53	31	75.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	200	253	140	198	28.67	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	24781	24238	24489	24503	1.11	cps
Rhodium	103-1	6136120	5911748	5969162	6005677	1.94	cps
Rhodium	103-2	1813877	1807218	1822083	1814393	0.41	cps
Scandium	45-1	3998625	3863598	3886654	3916292	1.84	cps
Scandium	45-2	37781	36925	37507	37404	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	0	7	6	88.19	cps
Selenium	82-1	38	-238	-64	-88	-158.41	cps
Silicon	28-1	6385672	6367834	6326029	6359845	0.48	cps
Silver	109-1	492	558	550	533	6.81	cps
Silver	107-1	433	558	483	492	12.80	cps
Sodium	23-2	413439	412003	412402	412615	0.18	cps
Strontium	86-1	5149799	5040326	5121952	5104025	1.11	cps
Strontium	88-1	43956895	43726246	43445786	43709642	0.59	cps
Sulfur	34-1	457810	453849	456553	456071	0.44	cps
Terbium	159-1	7237034	6935070	7050085	7074063	2.15	cps
Terbium	159-2	1840921	1790113	1787803	1806279	1.66	cps
Thallium	203-1	100	75	92	89	14.32	cps
Thallium	205-1	133	175	192	167	18.03	cps
Tin	118-1	975	975	858	936	7.20	cps
Titanium	47-1	408	325	308	347	15.43	cps
Uranium	238-1	16003	15118	15694	15605	2.88	cps
Vanadium	51-2	240	297	280	272	10.70	cps
Yttrium	89-1	7200988	6877309	6862361	6980219	2.74	cps
Yttrium	89-2	253826	251898	254000	253241	0.46	cps
Zinc	66-2	113	113	90	106	12.77	cps
Zirconium	90-1	1117	1133	908	1053	11.91	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYG6L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 18:32:24	DataFile Name :	080SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	158	242	203	20.69	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16577	15084	16410	16024	5.11	cps
Antimony	121-1	1144589	1142137	1141974	1142900	0.13	cps
Arsenic	75-2	6928	6974	7207	7036	2.13	cps
Barium	135-1	4899836	4851149	4876177	4875721	0.50	cps
Barium	137-1	8328771	8429022	8301224	8353005	0.81	cps
Beryllium	9-1	73007	73716	73577	73433	0.51	cps
Bismuth	209-1	4129725	4117965	4094086	4113925	0.44	cps
Bismuth	209-2	1368396	1366998	1291869	1342421	3.26	cps
Boron	11-1	94585	96483	96752	95940	1.23	cps
Boron	10-1	21008	21116	21350	21158	0.83	cps
Cadmium	106-1	12281	12331	12740	12451	2.02	cps
Cadmium	108-1	8657	8524	8244	8475	2.49	cps
Cadmium	111-1	128402	127963	128726	128363	0.30	cps
Calcium	43-1	1721439	1688704	1700068	1703404	0.98	cps
Calcium	44-1	27164497	26593046	26667037	26808194	1.16	cps
Chromium	52-2	249992	251673	252531	251399	0.51	cps
Cobalt	59-2	1300884	1303592	1309389	1304622	0.33	cps
Copper	63-2	567254	568022	567403	567560	0.07	cps
Dysprosium	156-1	150	167	200	172	14.78	cps
Dysprosium	156-2	70	53	40	54	27.61	cps
Erbium	164-1	158	158	192	169	11.36	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	225	217	225	222	2.16	cps
Gadolinium	160-2	53	77	60	63	18.98	cps
Holmium	165-1	7262286	7272618	7290286	7275064	0.19	cps
Holmium	165-2	1889208	1910483	1800083	1866592	3.14	cps
Indium	115-1	6751781	6756571	6722514	6743622	0.27	cps
Indium	115-2	345223	343176	320752	336384	4.04	cps
Iron	56-2	870804	871274	872798	871625	0.12	cps
Iron	57-2	21678	21428	21717	21608	0.73	cps
Lead	206-1	109917	110319	110107	110114	0.18	cps
Lead	207-1	98905	98782	98272	98653	0.34	cps
Lead	208-1	445351	443638	444341	444444	0.19	cps
Lithium	6-1	801133	803694	801171	801999	0.18	cps
Magnesium	24-2	1335018	1328304	1318481	1327267	0.63	cps
Manganese	55-2	203509	201609	203370	202830	0.52	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	407125	402291	401229	403549	0.78	cps
Molybdenum	94-1	146614	145092	146464	146057	0.57	cps
Molybdenum	95-1	251983	248883	249470	250112	0.66	cps
Molybdenum	96-1	268778	268135	268509	268474	0.12	cps
Molybdenum	97-1	155801	156156	157657	156538	0.63	cps
Neodymium	150-1	407	407	453	422	6.38	cps
Neodymium	150-2	23	43	60	42	43.49	cps
Nickel	60-2	383810	381986	383041	382945	0.24	cps
Phosphorus	31-2	33	8	33	25	57.75	cps
Potassium	39-2	110204	109323	110491	110006	0.55	cps
Rhodium	103-1	6411681	6345033	6304890	6353868	0.85	cps
Rhodium	103-2	1837046	1826603	1738025	1800558	3.02	cps
Scandium	45-1	4199771	4155420	4152706	4169299	0.63	cps
Scandium	45-2	38259	37784	34917	36987	4.89	cps
Selenium	77-2	113	130	130	124	7.73	cps
Selenium	78-2	383	350	352	362	5.18	cps
Selenium	82-1	16853	16594	16367	16604	1.46	cps
Silicon	28-1	31611096	31296044	31330998	31412713	0.55	cps
Silver	109-1	539742	539858	533135	537578	0.72	cps
Silver	107-1	570995	566834	563073	566967	0.70	cps
Sodium	23-2	2124802	2122709	2142304	2129938	0.51	cps
Strontium	86-1	26478722	26328121	26357127	26387990	0.30	cps
Strontium	88-1	228299138	225721305	224316805	226112416	0.89	cps
Sulfur	34-1	848561	841190	845433	845061	0.44	cps
Terbium	159-1	7701106	7567617	7569060	7612594	1.01	cps
Terbium	159-2	1868683	1887497	1721856	1826012	4.97	cps
Thallium	203-1	345983	346848	344857	345896	0.29	cps
Thallium	205-1	825775	813109	816061	818315	0.81	cps
Tin	118-1	3209	3226	3709	3381	8.40	cps
Titanium	47-1	1992	1475	1292	1586	22.90	cps
Uranium	238-1	83740	84831	84227	84266	0.65	cps
Vanadium	51-2	456342	452695	455588	454875	0.42	cps
Yttrium	89-1	7471094	7386979	7432467	7430180	0.57	cps
Yttrium	89-2	257221	259019	243593	253278	3.33	cps
Zinc	66-2	107358	105413	107556	106776	1.11	cps
Zirconium	90-1	2217	2192	2450	2286	6.23	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-15	Instrumnet Name :	P8
Client Sample ID :	MCWYG6S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:35:33	DataFile Name :	081SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	650	525	592	10.64	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3126	2009	2150	2428	25.05	cps
Antimony	121-1	2359	2675	2625	2553	6.67	cps
Arsenic	75-2	943	1017	841	933	9.46	cps
Barium	135-1	561427	556489	546577	554831	1.36	cps
Barium	137-1	974219	956864	954356	961813	1.12	cps
Beryllium	9-1	228	206	328	254	25.66	cps
Bismuth	209-1	4227742	4168546	4143392	4179894	1.04	cps
Bismuth	209-2	1366344	1374167	1363871	1368127	0.39	cps
Boron	11-1	69251	71135	70155	70180	1.34	cps
Boron	10-1	15050	15692	15851	15531	2.73	cps
Cadmium	106-1	1333	1642	1383	1453	11.39	cps
Cadmium	108-1	54	63	58	58	7.14	cps
Cadmium	111-1	925	1176	978	1026	12.93	cps
Calcium	43-1	1913417	1915246	1900661	1909775	0.42	cps
Calcium	44-1	30928116	30543315	30872508	30781313	0.68	cps
Chromium	52-2	6585	6302	6185	6357	3.24	cps
Cobalt	59-2	543	490	460	498	8.48	cps
Copper	63-2	4794	4758	4527	4693	3.08	cps
Dysprosium	156-1	1834	1617	1909	1786	8.48	cps
Dysprosium	156-2	540	473	500	504	6.65	cps
Erbium	164-1	1467	1575	1650	1564	5.89	cps
Erbium	164-2	447	327	413	396	15.66	cps
Gadolinium	160-1	1917	1659	1850	1809	7.42	cps
Gadolinium	160-2	707	680	653	680	3.92	cps
Holmium	165-1	7390070	7290330	7269005	7316468	0.88	cps
Holmium	165-2	1883764	1920745	1902621	1902377	0.97	cps
Indium	115-1	6757368	6823748	6767766	6782961	0.53	cps
Indium	115-2	343599	342784	341040	342475	0.38	cps
Iron	56-2	284186	273292	275729	277736	2.06	cps
Iron	57-2	7024	7102	7308	7145	2.05	cps
Lead	206-1	5029	5412	5207	5216	3.68	cps
Lead	207-1	4545	4262	4073	4293	5.54	cps
Lead	208-1	20068	20035	19901	20001	0.44	cps
Lithium	6-1	810580	806520	809279	808793	0.26	cps
Magnesium	24-2	1674389	1657122	1640007	1657173	1.04	cps
Manganese	55-2	8986	8866	8649	8834	1.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	26886	26126	26644	26552	1.46	cps
Molybdenum	94-1	11797	11555	12064	11806	2.16	cps
Molybdenum	95-1	16043	16444	15851	16113	1.88	cps
Molybdenum	96-1	17779	18497	18055	18110	2.00	cps
Molybdenum	97-1	10771	10571	9971	10438	3.99	cps
Neodymium	150-1	2807	2474	2540	2607	6.77	cps
Neodymium	150-2	420	420	510	450	11.55	cps
Nickel	60-2	1210	1333	1347	1297	5.81	cps
Phosphorus	31-2	8	17	42	22	78.07	cps
Potassium	39-2	25683	26676	26660	26339	2.16	cps
Rhodium	103-1	6361976	6388298	6364822	6371699	0.23	cps
Rhodium	103-2	1842267	1853883	1827705	1841285	0.71	cps
Scandium	45-1	4222550	4182420	4200479	4201817	0.48	cps
Scandium	45-2	38403	37734	37527	37888	1.21	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	35	20	7	21	66.22	cps
Selenium	82-1	513	390	534	479	16.28	cps
Silicon	28-1	37793445	37507906	37156915	37486089	0.85	cps
Silver	109-1	1642	1533	1950	1709	12.66	cps
Silver	107-1	1942	1834	2075	1950	6.21	cps
Sodium	23-2	1737141	1686243	1686586	1703323	1.72	cps
Strontium	86-1	11241734	11327739	11124262	11231245	0.91	cps
Strontium	88-1	97511219	96895554	96011671	96806148	0.78	cps
Sulfur	34-1	803980	798326	785350	795885	1.20	cps
Terbium	159-1	7806313	7671609	7704068	7727330	0.91	cps
Terbium	159-2	1859662	1877991	1863002	1866885	0.52	cps
Thallium	203-1	317	325	267	303	10.42	cps
Thallium	205-1	625	567	717	636	11.89	cps
Tin	118-1	1492	1825	1400	1572	14.23	cps
Titanium	47-1	10980	10455	10029	10488	4.54	cps
Uranium	238-1	92225	92736	92939	92633	0.40	cps
Vanadium	51-2	1347	1240	1060	1216	11.92	cps
Yttrium	89-1	7555382	7591715	7425432	7524176	1.16	cps
Yttrium	89-2	257577	260834	253789	257400	1.37	cps
Zinc	66-2	600	830	630	687	18.21	cps
Zirconium	90-1	6744	7712	6952	7136	7.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-16	Instrumnet Name :	P8
Client Sample ID :	MCWYG7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:38:41	DataFile Name :	082SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1742	1659	1575	1659	5.03	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	483	417	467	9.45	cps
Antimony	121-1	2859	2917	3092	2956	4.11	cps
Arsenic	75-2	191	180	196	189	4.49	cps
Barium	135-1	309070	312223	311736	311010	0.55	cps
Barium	137-1	540880	543519	535415	539938	0.77	cps
Beryllium	9-1	72	44	67	61	24.05	cps
Bismuth	209-1	4215529	4224632	4080324	4173495	1.94	cps
Bismuth	209-2	1369692	1377134	1377065	1374630	0.31	cps
Boron	11-1	43325	45080	43960	44122	2.01	cps
Boron	10-1	10029	9870	9687	9862	1.73	cps
Cadmium	106-1	1367	1500	1275	1381	8.20	cps
Cadmium	108-1	8	29	8	15	78.76	cps
Cadmium	111-1	1013	1080	978	1024	5.02	cps
Calcium	43-1	1978868	1998133	1971834	1982945	0.69	cps
Calcium	44-1	32176864	32062312	31928674	32055950	0.39	cps
Chromium	52-2	3947	3977	4107	4011	2.12	cps
Cobalt	59-2	1593	1500	1487	1527	3.81	cps
Copper	63-2	3197	3297	3177	3224	1.99	cps
Dysprosium	156-1	108	133	117	119	10.66	cps
Dysprosium	156-2	30	23	30	28	13.86	cps
Erbium	164-1	133	158	125	139	12.49	cps
Erbium	164-2	23	37	47	36	32.93	cps
Gadolinium	160-1	100	158	167	142	25.64	cps
Gadolinium	160-2	47	37	43	42	12.06	cps
Holmium	165-1	7459166	7249531	7222082	7310260	1.77	cps
Holmium	165-2	1920292	1913603	1886875	1906923	0.93	cps
Indium	115-1	6887274	6776686	6747026	6803662	1.09	cps
Indium	115-2	339580	346065	344125	343257	0.97	cps
Iron	56-2	35451	36014	35379	35615	0.98	cps
Iron	57-2	995	883	1100	993	10.92	cps
Lead	206-1	1361	1411	1467	1413	3.74	cps
Lead	207-1	1300	1011	1028	1113	14.57	cps
Lead	208-1	5562	5301	5101	5321	4.35	cps
Lithium	6-1	811573	807198	799508	806093	0.76	cps
Magnesium	24-2	1456486	1460809	1441555	1452950	0.70	cps
Manganese	55-2	9207	9523	9527	9419	1.95	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	57858	57882	57096	57612	0.78	cps
Molybdenum	94-1	21059	21084	21242	21128	0.47	cps
Molybdenum	95-1	36793	36074	36684	36517	1.06	cps
Molybdenum	96-1	38865	38606	38581	38684	0.41	cps
Molybdenum	97-1	22553	22803	22953	22770	0.89	cps
Neodymium	150-1	180	200	233	204	13.18	cps
Neodymium	150-2	13	33	20	22	45.83	cps
Nickel	60-2	2334	2254	2350	2312	2.24	cps
Phosphorus	31-2	25	8	33	22	57.29	cps
Potassium	39-2	32856	32956	32989	32934	0.21	cps
Rhodium	103-1	6439251	6438033	6210754	6362679	2.07	cps
Rhodium	103-2	1850452	1843984	1845863	1846766	0.18	cps
Scandium	45-1	4217603	4200471	4103374	4173816	1.48	cps
Scandium	45-2	38275	37898	37747	37974	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	11	6	7	56.78	cps
Selenium	82-1	-49	-86	-37	-58	-43.89	cps
Silicon	28-1	32343313	32136725	31962913	32147650	0.59	cps
Silver	109-1	1517	1575	2125	1739	19.30	cps
Silver	107-1	1900	1925	1942	1922	1.09	cps
Sodium	23-2	1743877	1747371	1746699	1745982	0.11	cps
Strontium	86-1	7203462	7176500	7190940	7190301	0.19	cps
Strontium	88-1	61916574	61794922	61728376	61813291	0.15	cps
Sulfur	34-1	753664	737568	730930	740721	1.58	cps
Terbium	159-1	7834628	7811749	7550292	7732223	2.04	cps
Terbium	159-2	1881725	1883682	1882035	1882481	0.06	cps
Thallium	203-1	83	117	133	111	22.91	cps
Thallium	205-1	325	217	225	256	23.59	cps
Tin	118-1	1492	1700	1517	1570	7.25	cps
Titanium	47-1	1842	1759	1809	1803	2.33	cps
Uranium	238-1	87196	88858	88977	88344	1.13	cps
Vanadium	51-2	1197	1233	1263	1231	2.71	cps
Yttrium	89-1	7558350	7501403	7329608	7463121	1.60	cps
Yttrium	89-2	257441	261391	256440	258424	1.01	cps
Zinc	66-2	560	537	513	537	4.35	cps
Zirconium	90-1	1150	1267	1300	1239	6.36	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-17	Instrumnet Name :	P8
Client Sample ID :	MCWYG9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:41:48	DataFile Name :	083SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	258	275	317	27.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	208	242	261	24.79	cps
Antimony	121-1	2300	2200	2442	2314	5.25	cps
Arsenic	75-2	680	578	719	659	11.03	cps
Barium	135-1	539701	539201	536392	538431	0.33	cps
Barium	137-1	929275	934192	927616	930361	0.37	cps
Beryllium	9-1	67	33	67	56	34.65	cps
Bismuth	209-1	4161683	4209523	4185013	4185406	0.57	cps
Bismuth	209-2	1370009	1360577	1377281	1369289	0.61	cps
Boron	11-1	96540	99040	100685	98755	2.11	cps
Boron	10-1	21818	21742	21642	21734	0.40	cps
Cadmium	106-1	1283	1375	1392	1350	4.32	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Cadmium	111-1	936	995	1018	983	4.33	cps
Calcium	43-1	2320521	2319837	2314839	2318399	0.13	cps
Calcium	44-1	37580450	37107012	36997144	37228202	0.83	cps
Chromium	52-2	3264	3387	3464	3372	2.99	cps
Cobalt	59-2	2054	2107	2134	2098	1.94	cps
Copper	63-2	3611	3651	3587	3616	0.89	cps
Dysprosium	156-1	333	350	267	317	13.93	cps
Dysprosium	156-2	103	67	43	71	42.54	cps
Erbium	164-1	258	342	250	283	17.89	cps
Erbium	164-2	113	87	70	90	24.29	cps
Gadolinium	160-1	208	358	250	272	28.45	cps
Gadolinium	160-2	87	103	70	87	19.23	cps
Holmium	165-1	7327054	7420790	7403133	7383659	0.67	cps
Holmium	165-2	1923956	1918198	1919577	1920577	0.16	cps
Indium	115-1	6853059	6880871	6899996	6877975	0.34	cps
Indium	115-2	341385	342299	338723	340802	0.55	cps
Iron	56-2	740050	733295	733920	735755	0.51	cps
Iron	57-2	18457	18196	18118	18257	0.97	cps
Lead	206-1	1611	1550	1639	1600	2.84	cps
Lead	207-1	1272	1183	1183	1213	4.23	cps
Lead	208-1	5945	5812	5884	5880	1.14	cps
Lithium	6-1	807618	812200	821818	813879	0.89	cps
Magnesium	24-2	1744408	1724950	1719519	1729626	0.76	cps
Manganese	55-2	78750	79424	79712	79296	0.62	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	52695	51407	52519	52207	1.34	cps
Molybdenum	94-1	18997	18822	18939	18919	0.47	cps
Molybdenum	95-1	32765	33141	32181	32696	1.48	cps
Molybdenum	96-1	35614	35873	34261	35250	2.46	cps
Molybdenum	97-1	19974	20041	20182	20066	0.53	cps
Neodymium	150-1	327	367	373	356	7.10	cps
Neodymium	150-2	80	27	50	52	51.19	cps
Nickel	60-2	4958	4568	4758	4761	4.10	cps
Phosphorus	31-2	33	25	42	33	25.01	cps
Potassium	39-2	76157	78678	76265	77033	1.85	cps
Rhodium	103-1	6408272	6408742	6469811	6428942	0.55	cps
Rhodium	103-2	1837952	1819152	1811596	1822900	0.74	cps
Scandium	45-1	4248986	4185993	4248506	4227828	0.86	cps
Scandium	45-2	37804	37330	37851	37662	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-235	-33	-138	-135	-74.57	cps
Silicon	28-1	33823667	33457581	33587586	33622945	0.55	cps
Silver	109-1	1425	1425	1450	1433	1.01	cps
Silver	107-1	1642	1634	1559	1611	2.85	cps
Sodium	23-2	2424975	2371670	2394101	2396915	1.12	cps
Strontium	86-1	10516677	10437843	10441297	10465272	0.43	cps
Strontium	88-1	90272729	89819360	89389294	89827128	0.49	cps
Sulfur	34-1	635502	627874	627464	630280	0.72	cps
Terbium	159-1	7753265	7808483	7769386	7777045	0.37	cps
Terbium	159-2	1858769	1893827	1874981	1875859	0.94	cps
Thallium	203-1	75	133	92	100	30.04	cps
Thallium	205-1	267	367	267	300	19.25	cps
Tin	118-1	1600	1425	1333	1453	9.33	cps
Titanium	47-1	1042	1050	1167	1086	6.43	cps
Uranium	238-1	69705	68388	68598	68897	1.03	cps
Vanadium	51-2	400	323	330	351	12.10	cps
Yttrium	89-1	7561617	7525207	7507802	7531542	0.36	cps
Yttrium	89-2	255582	254971	254964	255172	0.14	cps
Zinc	66-2	857	810	840	836	2.83	cps
Zirconium	90-1	1317	1584	1767	1556	14.55	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-18	Instrumnet Name :	P8
Client Sample ID :	MCWYH0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:44:56	DataFile Name :	084SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	408	425	422	3.01	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	358	350	336	9.39	cps
Antimony	121-1	2617	2492	2800	2637	5.88	cps
Arsenic	75-2	391	422	376	396	5.97	cps
Barium	135-1	753800	748223	745999	749341	0.54	cps
Barium	137-1	1307038	1295399	1285038	1295825	0.85	cps
Beryllium	9-1	100	94	106	100	5.55	cps
Bismuth	209-1	4118155	4077488	3986775	4060806	1.66	cps
Bismuth	209-2	1338317	1355067	1340009	1344464	0.69	cps
Boron	11-1	158491	154895	157497	156961	1.18	cps
Boron	10-1	33523	34100	34484	34036	1.42	cps
Cadmium	106-1	2467	2175	2117	2253	8.32	cps
Cadmium	108-1	958	875	900	911	4.69	cps
Cadmium	111-1	1085	948	881	971	10.72	cps
Calcium	43-1	3166976	3154777	3152307	3158020	0.25	cps
Calcium	44-1	51851834	51324799	50893755	51356796	0.93	cps
Chromium	52-2	24719	24358	24081	24386	1.31	cps
Cobalt	59-2	2507	2544	2534	2528	0.75	cps
Copper	63-2	62604	62232	62788	62541	0.45	cps
Dysprosium	156-1	1025	750	942	906	15.57	cps
Dysprosium	156-2	243	273	313	277	12.69	cps
Erbium	164-1	1375	1142	1242	1253	9.34	cps
Erbium	164-2	397	367	287	350	16.25	cps
Gadolinium	160-1	1033	867	1183	1028	15.41	cps
Gadolinium	160-2	297	323	370	330	11.25	cps
Holmium	165-1	7367886	7243517	7260403	7290602	0.93	cps
Holmium	165-2	1882954	1938064	1921428	1914149	1.48	cps
Indium	115-1	6810030	6721964	6603178	6711724	1.55	cps
Indium	115-2	338989	341353	339083	339808	0.39	cps
Iron	56-2	74445	72212	72728	73128	1.60	cps
Iron	57-2	1711	1978	2039	1909	9.13	cps
Lead	206-1	1311	1433	1145	1296	11.19	cps
Lead	207-1	1078	1089	1011	1059	3.97	cps
Lead	208-1	5167	5295	4995	5152	2.92	cps
Lithium	6-1	810635	804967	790026	801876	1.33	cps
Magnesium	24-2	2307094	2325753	2296825	2309891	0.63	cps
Manganese	55-2	179699	178267	178072	178679	0.50	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1283	1175	1267	1242	4.70	cps
Molybdenum	94-1	2059	2125	2150	2111	2.24	cps
Molybdenum	95-1	958	875	1042	958	8.70	cps
Molybdenum	96-1	1283	1392	1208	1295	7.12	cps
Molybdenum	97-1	1033	700	792	842	20.46	cps
Neodymium	150-1	1107	1053	1080	1080	2.47	cps
Neodymium	150-2	183	150	170	168	10.00	cps
Nickel	60-2	6098	6455	6141	6231	3.12	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	55611	55787	54924	55441	0.82	cps
Rhodium	103-1	6383865	6270102	6200997	6284988	1.47	cps
Rhodium	103-2	1811354	1832203	1791167	1811575	1.13	cps
Scandium	45-1	4278295	4243020	4101756	4207690	2.22	cps
Scandium	45-2	37099	37366	38072	37512	1.34	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	11	9	22	14	49.38	cps
Selenium	82-1	188	217	59	155	54.50	cps
Silicon	28-1	42212943	41826872	41645155	41894990	0.69	cps
Silver	109-1	6193	6418	6785	6466	4.62	cps
Silver	107-1	6852	6152	6385	6463	5.52	cps
Sodium	23-2	7133397	7206440	7098272	7146037	0.77	cps
Strontium	86-1	8666655	8563730	8554223	8594869	0.73	cps
Strontium	88-1	74295133	74068572	73628741	73997482	0.46	cps
Sulfur	34-1	555127	552536	547356	551673	0.72	cps
Terbium	159-1	7739726	7777978	7576567	7698090	1.39	cps
Terbium	159-2	1855267	1884968	1858931	1866389	0.87	cps
Thallium	203-1	133	83	50	89	47.19	cps
Thallium	205-1	175	142	200	172	16.99	cps
Tin	118-1	1450	1333	1383	1389	4.21	cps
Titanium	47-1	1550	1492	1342	1461	7.36	cps
Uranium	238-1	238159	234551	233682	235464	1.01	cps
Vanadium	51-2	2360	2227	2417	2335	4.18	cps
Yttrium	89-1	7548790	7479632	7331198	7453207	1.49	cps
Yttrium	89-2	256399	259552	259035	258328	0.65	cps
Zinc	66-2	387	360	457	401	12.45	cps
Zirconium	90-1	4526	4376	4218	4373	3.53	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-19	Instrumnet Name :	P8
Client Sample ID :	MCWYH9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:48:03	DataFile Name :	085SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	925	967	950	947	2.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	42	33	25.01	cps
Antimony	121-1	575	550	592	572	3.67	cps
Arsenic	75-2	633	641	606	627	2.96	cps
Barium	135-1	456391	461279	457749	458473	0.55	cps
Barium	137-1	804741	797696	800637	801025	0.44	cps
Beryllium	9-1	22	22	61	35	63.82	cps
Bismuth	209-1	4345253	4333158	4317108	4331840	0.33	cps
Bismuth	209-2	1400117	1452163	1435003	1429094	1.86	cps
Boron	11-1	83241	84507	82026	83258	1.49	cps
Boron	10-1	18154	18195	18204	18184	0.15	cps
Cadmium	106-1	1508	1383	1350	1414	5.90	cps
Cadmium	108-1	88	54	117	86	36.32	cps
Cadmium	111-1	1032	943	876	950	8.25	cps
Calcium	43-1	2019160	2005251	2015839	2013416	0.36	cps
Calcium	44-1	31903932	32032460	31885558	31940650	0.25	cps
Chromium	52-2	2640	2644	2590	2625	1.14	cps
Cobalt	59-2	317	427	463	402	18.98	cps
Copper	63-2	2804	2790	2764	2786	0.73	cps
Dysprosium	156-1	75	58	83	72	17.62	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	100	42	92	78	40.56	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	133	100	75	103	28.48	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	7583799	7471602	7455080	7503494	0.93	cps
Holmium	165-2	1965236	1995417	1991486	1984046	0.83	cps
Indium	115-1	7100983	7031542	6941283	7024602	1.14	cps
Indium	115-2	347936	358833	355669	354146	1.58	cps
Iron	56-2	7864	7563	7519	7649	2.45	cps
Iron	57-2	217	206	167	196	13.37	cps
Lead	206-1	550	472	422	482	13.37	cps
Lead	207-1	422	417	472	437	7.00	cps
Lead	208-1	1895	1828	1922	1882	2.58	cps
Lithium	6-1	795843	791340	790875	792686	0.35	cps
Magnesium	24-2	1656392	1628079	1630149	1638207	0.96	cps
Manganese	55-2	5878	5568	5545	5663	3.29	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	23196	23204	23229	23210	0.07	cps
Molybdenum	94-1	8736	8511	8887	8712	2.17	cps
Molybdenum	95-1	14784	14166	14316	14422	2.23	cps
Molybdenum	96-1	15893	15560	15626	15693	1.13	cps
Molybdenum	97-1	9220	9596	9329	9381	2.06	cps
Neodymium	150-1	100	147	87	111	28.35	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	3417	3490	3174	3360	4.93	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	28546	27010	26142	27233	4.47	cps
Rhodium	103-1	6641314	6571125	6441555	6551331	1.55	cps
Rhodium	103-2	1839890	1910368	1879050	1876436	1.88	cps
Scandium	45-1	4304782	4328858	4287936	4307192	0.48	cps
Scandium	45-2	37173	39098	38914	38395	2.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	18	-76	-8	-22	-218.70	cps
Silicon	28-1	35636207	35644095	35157753	35479351	0.79	cps
Silver	109-1	317	325	367	336	7.97	cps
Silver	107-1	483	358	425	422	14.81	cps
Sodium	23-2	1943384	1904980	1910559	1919641	1.08	cps
Strontium	86-1	11576995	11491097	11463142	11510411	0.52	cps
Strontium	88-1	100420256	100065717	98178423	99554799	1.21	cps
Sulfur	34-1	705128	706182	698639	703316	0.58	cps
Terbium	159-1	8047137	7787513	8006347	7946999	1.76	cps
Terbium	159-2	1859704	1976206	1967168	1934359	3.35	cps
Thallium	203-1	92	67	158	106	44.89	cps
Thallium	205-1	125	167	158	150	14.70	cps
Tin	118-1	1176	608	833	873	32.74	cps
Titanium	47-1	525	383	292	400	29.39	cps
Uranium	238-1	117643	120319	120817	119593	1.43	cps
Vanadium	51-2	1213	1023	1100	1112	8.59	cps
Yttrium	89-1	7663860	7741807	7715747	7707138	0.51	cps
Yttrium	89-2	256562	269066	267137	264255	2.55	cps
Zinc	66-2	683	677	680	680	0.49	cps
Zirconium	90-1	892	842	783	839	6.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-01	Instrumnet Name :	P8
Client Sample ID :	MCWYJ1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:51:11	DataFile Name :	086SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	108	417	236	68.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	42	39	12.38	cps
Antimony	121-1	792	875	800	822	5.58	cps
Arsenic	75-2	569	574	622	588	5.02	cps
Barium	135-1	441752	435436	440909	439366	0.78	cps
Barium	137-1	772008	755460	754254	760574	1.30	cps
Beryllium	9-1	33	56	72	54	36.33	cps
Bismuth	209-1	4361970	4333206	4348684	4347953	0.33	cps
Bismuth	209-2	1422018	1451702	1450927	1441549	1.17	cps
Boron	11-1	134972	136578	135333	135628	0.62	cps
Boron	10-1	29607	30132	30525	30088	1.53	cps
Cadmium	106-1	1458	1517	1500	1492	2.01	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Cadmium	111-1	1063	1118	1076	1086	2.65	cps
Calcium	43-1	1768534	1734634	1733648	1745605	1.14	cps
Calcium	44-1	27922354	27534301	27427047	27627901	0.94	cps
Chromium	52-2	1110	1227	1057	1131	7.69	cps
Cobalt	59-2	420	500	460	460	8.70	cps
Copper	63-2	1857	1727	1783	1789	3.64	cps
Dysprosium	156-1	158	183	158	167	8.66	cps
Dysprosium	156-2	27	70	47	48	45.39	cps
Erbium	164-1	217	208	200	208	4.00	cps
Erbium	164-2	63	53	67	61	11.36	cps
Gadolinium	160-1	242	225	242	236	4.08	cps
Gadolinium	160-2	37	33	53	41	26.06	cps
Holmium	165-1	7499745	7461105	7516091	7492314	0.38	cps
Holmium	165-2	1958621	1991466	1964696	1971594	0.89	cps
Indium	115-1	7108677	7098734	7086701	7098037	0.16	cps
Indium	115-2	348228	358626	351734	352863	1.50	cps
Iron	56-2	8375	7725	8097	8066	4.05	cps
Iron	57-2	283	206	183	224	23.44	cps
Lead	206-1	889	861	917	889	3.13	cps
Lead	207-1	689	728	800	739	7.63	cps
Lead	208-1	3322	3423	3528	3424	3.00	cps
Lithium	6-1	783922	773225	774398	777182	0.75	cps
Magnesium	24-2	1469590	1470792	1467685	1469356	0.11	cps
Manganese	55-2	5645	5268	5561	5491	3.60	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	45009	43864	45828	44901	2.20	cps
Molybdenum	94-1	16577	16461	16419	16486	0.50	cps
Molybdenum	95-1	27612	27771	28038	27807	0.77	cps
Molybdenum	96-1	30068	30226	28789	29694	2.65	cps
Molybdenum	97-1	18772	18113	17529	18138	3.43	cps
Neodymium	150-1	267	233	253	251	6.68	cps
Neodymium	150-2	40	40	47	42	9.12	cps
Nickel	60-2	2614	2514	2684	2604	3.28	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	48944	48074	49220	48746	1.23	cps
Rhodium	103-1	6641110	6472391	6511274	6541592	1.35	cps
Rhodium	103-2	1881403	1886275	1888713	1885464	0.20	cps
Scandium	45-1	4349209	4257202	4269818	4292076	1.16	cps
Scandium	45-2	37844	39121	39051	38672	1.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	60	-206	-73	-73	-182.09	cps
Silicon	28-1	32891117	32510272	32501268	32634219	0.68	cps
Silver	109-1	250	192	250	231	14.61	cps
Silver	107-1	225	292	250	256	13.18	cps
Sodium	23-2	1970343	1973144	1940569	1961352	0.92	cps
Strontium	86-1	18271894	18024389	18173629	18156637	0.69	cps
Strontium	88-1	157660337	155042866	154774341	155825848	1.02	cps
Sulfur	34-1	722269	719720	714056	718682	0.58	cps
Terbium	159-1	8003060	7821989	7882426	7902492	1.17	cps
Terbium	159-2	1913065	1977520	1954322	1948302	1.68	cps
Thallium	203-1	92	133	150	125	24.04	cps
Thallium	205-1	367	367	250	328	20.55	cps
Tin	118-1	725	633	700	686	6.91	cps
Titanium	47-1	417	475	408	433	8.38	cps
Uranium	238-1	93584	91737	92653	92658	1.00	cps
Vanadium	51-2	1197	1200	1100	1166	4.87	cps
Yttrium	89-1	7752340	7700915	7754480	7735912	0.39	cps
Yttrium	89-2	260459	267687	264278	264141	1.37	cps
Zinc	66-2	403	417	383	401	4.18	cps
Zirconium	90-1	742	850	708	767	9.66	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-02	Instrumnet Name :	P8
Client Sample ID :	MCWYJ2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:54:17	DataFile Name :	087SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	200	183	192	4.35	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	33	61	41.67	cps
Antimony	121-1	3117	2992	3192	3101	3.26	cps
Arsenic	75-2	691	700	744	712	4.03	cps
Barium	135-1	315924	313860	317036	315607	0.51	cps
Barium	137-1	545493	547806	552947	548749	0.70	cps
Beryllium	9-1	22	33	33	30	21.65	cps
Bismuth	209-1	4107396	4138745	4166020	4137387	0.71	cps
Bismuth	209-2	1350380	1369896	1366866	1362381	0.77	cps
Boron	11-1	74744	73029	74150	73974	1.18	cps
Boron	10-1	15951	16552	16243	16249	1.85	cps
Cadmium	106-1	1300	1383	1242	1308	5.44	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Cadmium	111-1	925	979	883	929	5.19	cps
Calcium	43-1	1932735	1906243	1913636	1917538	0.71	cps
Calcium	44-1	31027002	30444708	30685751	30719153	0.95	cps
Chromium	52-2	2007	1964	2144	2038	4.61	cps
Cobalt	59-2	410	367	367	381	6.56	cps
Copper	63-2	2460	2574	2604	2546	2.97	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	33	67	33	44	43.30	cps
Erbium	164-2	17	0	10	9	94.38	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	7202079	7151124	7291079	7214761	0.98	cps
Holmium	165-2	1875344	1898800	1899719	1891288	0.73	cps
Indium	115-1	6712189	6731099	6790930	6744739	0.61	cps
Indium	115-2	334026	339162	337891	337026	0.79	cps
Iron	56-2	11044	10621	10415	10693	3.00	cps
Iron	57-2	267	333	294	298	11.23	cps
Lead	206-1	544	539	628	570	8.73	cps
Lead	207-1	478	506	406	463	11.15	cps
Lead	208-1	2083	2033	2245	2121	5.20	cps
Lithium	6-1	773791	781916	786460	780722	0.82	cps
Magnesium	24-2	1640395	1637641	1623771	1633936	0.55	cps
Manganese	55-2	3851	4047	3887	3928	2.66	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	40654	40311	40670	40545	0.50	cps
Molybdenum	94-1	14600	15818	14892	15103	4.21	cps
Molybdenum	95-1	25308	24565	24272	24715	2.16	cps
Molybdenum	96-1	27871	26493	26393	26919	3.07	cps
Molybdenum	97-1	15985	16411	16094	16163	1.37	cps
Neodymium	150-1	80	20	27	42	77.88	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1263	1287	1220	1257	2.69	cps
Phosphorus	31-2	8	17	42	22	78.07	cps
Potassium	39-2	45383	44688	45090	45054	0.77	cps
Rhodium	103-1	6330669	6330505	6327997	6329724	0.02	cps
Rhodium	103-2	1777819	1820288	1823066	1807057	1.40	cps
Scandium	45-1	4180794	4133037	4186752	4166861	0.71	cps
Scandium	45-2	37477	37249	36701	37142	1.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	2	9	7	66.16	cps
Selenium	82-1	159	-46	160	91	130.73	cps
Silicon	28-1	36613147	35761084	36029702	36134644	1.21	cps
Silver	109-1	1992	1975	1950	1972	1.06	cps
Silver	107-1	1867	1934	1867	1889	2.04	cps
Sodium	23-2	1823443	1817042	1794676	1811720	0.83	cps
Strontium	86-1	9209039	9165848	9107136	9160674	0.56	cps
Strontium	88-1	79123318	79268568	78532875	78974921	0.49	cps
Sulfur	34-1	813328	806317	814166	811270	0.53	cps
Terbium	159-1	7633759	7663951	7724083	7673931	0.60	cps
Terbium	159-2	1818274	1871788	1849364	1846475	1.46	cps
Thallium	203-1	167	158	100	142	25.64	cps
Thallium	205-1	300	283	275	286	4.45	cps
Tin	118-1	1017	967	1108	1031	6.97	cps
Titanium	47-1	700	617	783	700	11.90	cps
Uranium	238-1	88674	89638	91545	89952	1.62	cps
Vanadium	51-2	1023	1093	1123	1080	4.75	cps
Yttrium	89-1	7451433	7416595	7404133	7424054	0.33	cps
Yttrium	89-2	250115	258233	253788	254045	1.60	cps
Zinc	66-2	580	567	593	580	2.30	cps
Zirconium	90-1	1392	1350	1242	1328	5.83	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-03	Instrumnet Name :	P8
Client Sample ID :	MCWYJ3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 18:57:27	DataFile Name :	088SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	258	308	308	16.22	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	8	14	69.31	cps
Antimony	121-1	2342	2325	2750	2473	9.74	cps
Arsenic	75-2	793	822	846	820	3.28	cps
Barium	135-1	350276	342546	344111	345644	1.18	cps
Barium	137-1	606865	600456	602487	603269	0.54	cps
Beryllium	9-1	33	28	39	33	16.67	cps
Bismuth	209-1	4196845	4202922	4147479	4182416	0.73	cps
Bismuth	209-2	1351983	1348750	1344373	1348368	0.28	cps
Boron	11-1	62010	60671	60319	61000	1.46	cps
Boron	10-1	13373	13565	13298	13412	1.03	cps
Cadmium	106-1	1558	1584	1425	1522	5.59	cps
Cadmium	108-1	100	96	88	94	6.74	cps
Cadmium	111-1	1063	1071	970	1034	5.42	cps
Calcium	43-1	1813493	1769146	1795154	1792598	1.24	cps
Calcium	44-1	28855087	28704090	28712033	28757070	0.30	cps
Chromium	52-2	5945	5855	5805	5868	1.21	cps
Cobalt	59-2	147	110	120	126	15.10	cps
Copper	63-2	2017	2164	2157	2112	3.92	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	100	58	33	64	52.72	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	7340217	7281122	7353655	7324998	0.53	cps
Holmium	165-2	1880901	1873121	1847059	1867027	0.95	cps
Indium	115-1	6821538	6813203	6741393	6792045	0.65	cps
Indium	115-2	336734	339261	335430	337142	0.58	cps
Iron	56-2	4473	4868	4807	4716	4.50	cps
Iron	57-2	117	139	139	131	9.76	cps
Lead	206-1	561	506	489	519	7.29	cps
Lead	207-1	344	528	539	470	23.22	cps
Lead	208-1	1917	2106	2061	2028	4.87	cps
Lithium	6-1	794548	800449	802894	799297	0.54	cps
Magnesium	24-2	1609154	1589094	1583265	1593838	0.85	cps
Manganese	55-2	147	177	120	148	19.18	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	38940	39960	39450	39450	1.29	cps
Molybdenum	94-1	14583	14124	14041	14250	2.05	cps
Molybdenum	95-1	25366	25675	24632	25224	2.13	cps
Molybdenum	96-1	26343	26869	26068	26427	1.54	cps
Molybdenum	97-1	16486	15543	15818	15949	3.04	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	527	503	527	519	2.60	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	21884	23137	23420	22814	3.58	cps
Rhodium	103-1	6346036	6313193	6234393	6297874	0.91	cps
Rhodium	103-2	1833772	1819171	1797766	1816903	1.00	cps
Scandium	45-1	4242691	4145290	4153751	4180577	1.29	cps
Scandium	45-2	37156	37417	37126	37233	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	17	8	96.08	cps
Selenium	82-1	85	80	29	65	47.78	cps
Silicon	28-1	34746479	34385617	34310831	34480976	0.68	cps
Silver	109-1	1267	1550	1634	1483	12.96	cps
Silver	107-1	1600	1667	1734	1667	4.00	cps
Sodium	23-2	1625094	1593455	1585150	1601233	1.32	cps
Strontium	86-1	12776452	12669139	12590063	12678552	0.74	cps
Strontium	88-1	109580194	108670990	108573469	108941551	0.51	cps
Sulfur	34-1	871418	861384	859828	864210	0.73	cps
Terbium	159-1	7756498	7662757	7707615	7708957	0.61	cps
Terbium	159-2	1840440	1862321	1859477	1854079	0.64	cps
Thallium	203-1	58	167	58	94	66.22	cps
Thallium	205-1	408	267	258	311	27.10	cps
Tin	118-1	1083	900	1108	1031	11.04	cps
Titanium	47-1	592	633	433	553	19.09	cps
Uranium	238-1	90420	88163	86752	88445	2.09	cps
Vanadium	51-2	1150	1003	1147	1100	7.61	cps
Yttrium	89-1	7459500	7378383	7437614	7425165	0.57	cps
Yttrium	89-2	253268	253516	252394	253059	0.23	cps
Zinc	66-2	760	747	727	744	2.25	cps
Zirconium	90-1	750	650	692	697	7.20	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-04	Instrumnet Name :	P8
Client Sample ID :	MCWYJ4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:00:34	DataFile Name :	089SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	125	133	139	12.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	33	28	17.31	cps
Antimony	121-1	2450	2309	2425	2395	3.16	cps
Arsenic	75-2	652	683	706	680	3.97	cps
Barium	135-1	455387	450529	443353	449756	1.35	cps
Barium	137-1	793387	778854	773749	781997	1.30	cps
Beryllium	9-1	33	61	89	61	45.46	cps
Bismuth	209-1	4316488	4240492	4129022	4228668	2.23	cps
Bismuth	209-2	1375756	1376349	1358404	1370170	0.74	cps
Boron	11-1	82009	82379	82377	82255	0.26	cps
Boron	10-1	17720	17828	18045	17864	0.93	cps
Cadmium	106-1	1609	1508	1592	1570	3.41	cps
Cadmium	108-1	121	88	133	114	20.81	cps
Cadmium	111-1	1071	1028	1038	1045	2.13	cps
Calcium	43-1	1971834	1973152	1942297	1962427	0.89	cps
Calcium	44-1	31765535	31765025	31241374	31590644	0.96	cps
Chromium	52-2	2460	2464	2457	2460	0.14	cps
Cobalt	59-2	413	443	370	409	9.02	cps
Copper	63-2	3134	3004	2977	3038	2.76	cps
Dysprosium	156-1	67	42	58	56	22.91	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	92	92	100	94	5.10	cps
Erbium	164-2	17	10	33	20	60.08	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Gadolinium	160-2	27	10	30	22	48.22	cps
Holmium	165-1	7437577	7368326	7353456	7386453	0.61	cps
Holmium	165-2	1910396	1871871	1891458	1891242	1.02	cps
Indium	115-1	6925396	6886198	6710545	6840713	1.67	cps
Indium	115-2	342777	336299	337271	338782	1.03	cps
Iron	56-2	5940	5968	5679	5862	2.72	cps
Iron	57-2	161	167	189	172	8.54	cps
Lead	206-1	694	539	578	604	13.41	cps
Lead	207-1	383	583	500	489	20.55	cps
Lead	208-1	2250	2222	2311	2261	2.01	cps
Lithium	6-1	810347	809887	809712	809982	0.04	cps
Magnesium	24-2	1639284	1580759	1601157	1607067	1.85	cps
Manganese	55-2	6118	6028	5648	5931	4.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	31078	31195	30310	30861	1.56	cps
Molybdenum	94-1	11630	11347	11405	11461	1.31	cps
Molybdenum	95-1	20049	18897	19081	19342	3.20	cps
Molybdenum	96-1	21626	20383	20299	20769	3.58	cps
Molybdenum	97-1	12573	12048	11355	11992	5.09	cps
Neodymium	150-1	93	47	93	78	34.64	cps
Neodymium	150-2	13	10	23	16	44.60	cps
Nickel	60-2	3267	3511	3250	3343	4.36	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	27929	27119	26459	27169	2.71	cps
Rhodium	103-1	6431819	6334017	6328734	6364856	0.91	cps
Rhodium	103-2	1846759	1818130	1828051	1830980	0.79	cps
Scandium	45-1	4194656	4144127	4092039	4143608	1.24	cps
Scandium	45-2	37634	37363	36842	37280	1.08	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	35	80	-13	34	138.04	cps
Silicon	28-1	34312404	33993328	33805993	34037242	0.75	cps
Silver	109-1	1100	1342	1625	1356	19.39	cps
Silver	107-1	1559	1642	1408	1536	7.70	cps
Sodium	23-2	2011198	1992046	1984916	1996053	0.68	cps
Strontium	86-1	11575807	11491068	11364586	11477154	0.93	cps
Strontium	88-1	98694115	98420596	97981146	98365286	0.37	cps
Sulfur	34-1	723231	719946	715046	719407	0.57	cps
Terbium	159-1	7799815	7779844	7670666	7750108	0.90	cps
Terbium	159-2	1889321	1870153	1880718	1880064	0.51	cps
Thallium	203-1	142	50	83	92	50.62	cps
Thallium	205-1	167	258	183	203	24.08	cps
Tin	118-1	983	1067	933	995	6.77	cps
Titanium	47-1	525	467	458	483	7.52	cps
Uranium	238-1	118359	117855	114667	116960	1.71	cps
Vanadium	51-2	1040	1003	893	979	7.80	cps
Yttrium	89-1	7529477	7416142	7424160	7456593	0.85	cps
Yttrium	89-2	254501	253966	252203	253557	0.47	cps
Zinc	66-2	633	583	557	591	6.58	cps
Zirconium	90-1	867	942	850	886	5.51	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-05	Instrumnet Name :	P8
Client Sample ID :	MCWYJ5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:03:40	DataFile Name :	090SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	150	233	186	22.98	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	33	39	44.62	cps
Antimony	121-1	2009	2042	2150	2067	3.58	cps
Arsenic	75-2	624	641	559	608	7.08	cps
Barium	135-1	571662	565274	558643	565193	1.15	cps
Barium	137-1	996128	974994	973059	981394	1.30	cps
Beryllium	9-1	44	33	56	44	25.01	cps
Bismuth	209-1	4211382	4229851	4079859	4173697	1.96	cps
Bismuth	209-2	1365935	1350076	1372232	1362748	0.84	cps
Boron	11-1	140045	141920	142156	141374	0.82	cps
Boron	10-1	30751	29732	30934	30472	2.13	cps
Cadmium	106-1	1450	1417	1392	1420	2.06	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Cadmium	111-1	1016	994	978	996	1.91	cps
Calcium	43-1	1525345	1520488	1524587	1523473	0.17	cps
Calcium	44-1	24688619	24404804	24407594	24500339	0.67	cps
Chromium	52-2	2637	2674	2487	2599	3.81	cps
Cobalt	59-2	197	240	230	222	10.21	cps
Copper	63-2	1157	1077	1177	1137	4.66	cps
Dysprosium	156-1	67	75	58	67	12.49	cps
Dysprosium	156-2	23	27	33	28	18.33	cps
Erbium	164-1	75	142	125	114	30.46	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	133	150	75	119	32.97	cps
Gadolinium	160-2	40	30	33	34	14.78	cps
Holmium	165-1	7413036	7314243	7042561	7256614	2.64	cps
Holmium	165-2	1881776	1886531	1892671	1886993	0.29	cps
Indium	115-1	6800641	6775998	6559594	6712077	1.98	cps
Indium	115-2	336320	332796	336621	335245	0.63	cps
Iron	56-2	170564	166239	168229	168344	1.29	cps
Iron	57-2	4206	4273	4351	4277	1.69	cps
Lead	206-1	528	439	433	467	11.36	cps
Lead	207-1	306	494	456	419	23.83	cps
Lead	208-1	1656	1861	1822	1780	6.14	cps
Lithium	6-1	799597	797856	775192	790882	1.72	cps
Magnesium	24-2	1016908	1018545	1027743	1021065	0.57	cps
Manganese	55-2	19861	19447	19577	19628	1.08	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17120	17462	16845	17142	1.80	cps
Molybdenum	94-1	7561	8128	7836	7841	3.62	cps
Molybdenum	95-1	10446	10730	10271	10482	2.21	cps
Molybdenum	96-1	11881	12073	11606	11853	1.98	cps
Molybdenum	97-1	6885	6760	6827	6824	0.92	cps
Neodymium	150-1	87	93	87	89	4.33	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	3077	3334	3407	3273	5.30	cps
Phosphorus	31-2	75	83	108	89	19.52	cps
Potassium	39-2	31018	30041	31052	30704	1.87	cps
Rhodium	103-1	6382831	6335716	6184596	6301048	1.64	cps
Rhodium	103-2	1804305	1799581	1831567	1811818	0.95	cps
Scandium	45-1	4159617	4108540	4035494	4101217	1.52	cps
Scandium	45-2	36374	36561	36424	36453	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-8	-93	-119	-73	-78.61	cps
Silicon	28-1	47240166	46575124	46460847	46758712	0.90	cps
Silver	109-1	1233	1225	1317	1258	4.03	cps
Silver	107-1	1100	1192	1442	1245	14.21	cps
Sodium	23-2	5141945	5074023	5115735	5110568	0.67	cps
Strontium	86-1	8076777	7990140	7910606	7992508	1.04	cps
Strontium	88-1	69099702	68848333	68074437	68674157	0.78	cps
Sulfur	34-1	906179	899408	894248	899945	0.66	cps
Terbium	159-1	7813723	7722315	7629746	7721928	1.19	cps
Terbium	159-2	1871595	1857886	1891377	1873619	0.90	cps
Thallium	203-1	67	67	58	64	7.53	cps
Thallium	205-1	50	100	100	83	34.64	cps
Tin	118-1	1108	875	883	956	13.85	cps
Titanium	47-1	1133	1092	1150	1125	2.67	cps
Uranium	238-1	26922	27122	26546	26863	1.09	cps
Vanadium	51-2	507	443	493	481	6.94	cps
Yttrium	89-1	7443059	7391142	7104354	7312852	2.49	cps
Yttrium	89-2	249191	248813	253616	250540	1.07	cps
Zinc	66-2	337	310	360	336	7.46	cps
Zirconium	90-1	5860	5468	5110	5479	6.85	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-06	Instrumnet Name :	P8
Client Sample ID :	MCWYJ6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:06:48	DataFile Name :	091SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1175	967	1233	1125	12.46	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	83	39	98.97	cps
Antimony	121-1	2575	3101	2384	2687	13.82	cps
Arsenic	75-2	735	689	732	719	3.58	cps
Barium	135-1	500984	495052	499423	498486	0.62	cps
Barium	137-1	873904	862501	874849	870418	0.79	cps
Beryllium	9-1	44	89	50	61	39.62	cps
Bismuth	209-1	4244031	4289536	4132287	4221951	1.92	cps
Bismuth	209-2	1387489	1353792	1368216	1369832	1.23	cps
Boron	11-1	86997	87693	88606	87765	0.92	cps
Boron	10-1	18805	19656	19506	19322	2.35	cps
Cadmium	106-1	1425	1383	1242	1350	7.12	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Cadmium	111-1	1044	997	899	980	7.53	cps
Calcium	43-1	1562114	1577307	1561449	1566957	0.57	cps
Calcium	44-1	25228114	25303588	25388630	25306777	0.32	cps
Chromium	52-2	1417	1377	1407	1400	1.49	cps
Cobalt	59-2	247	217	187	217	13.85	cps
Copper	63-2	8256	8456	8536	8416	1.71	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	83	133	92	103	26.06	cps
Erbium	164-2	10	37	33	27	54.49	cps
Gadolinium	160-1	100	125	108	111	11.46	cps
Gadolinium	160-2	33	10	17	20	60.08	cps
Holmium	165-1	7407429	7438987	7194413	7346943	1.81	cps
Holmium	165-2	1890479	1888903	1887149	1888844	0.09	cps
Indium	115-1	6830322	6865162	6661261	6785582	1.61	cps
Indium	115-2	336632	334313	336780	335908	0.41	cps
Iron	56-2	8909	9086	8992	8996	0.99	cps
Iron	57-2	267	311	272	283	8.55	cps
Lead	206-1	456	483	506	482	5.20	cps
Lead	207-1	406	344	478	409	16.31	cps
Lead	208-1	1939	1983	2245	2056	8.03	cps
Lithium	6-1	796806	797660	787049	793839	0.74	cps
Magnesium	24-2	1103744	1095280	1081419	1093481	1.03	cps
Manganese	55-2	20255	19337	19874	19822	2.33	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	31103	30644	31638	31128	1.60	cps
Molybdenum	94-1	11972	11230	10588	11263	6.15	cps
Molybdenum	95-1	19415	20174	19014	19534	3.02	cps
Molybdenum	96-1	20758	20249	20809	20605	1.50	cps
Molybdenum	97-1	12398	11806	12740	12315	3.84	cps
Neodymium	150-1	33	20	80	44	70.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1523	1420	1320	1421	7.15	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	26150	26643	27302	26698	2.17	cps
Rhodium	103-1	6365590	6359212	6173478	6299427	1.73	cps
Rhodium	103-2	1839146	1805062	1815596	1819934	0.96	cps
Scandium	45-1	4102278	4126776	4063851	4097635	0.77	cps
Scandium	45-2	36628	36591	36644	36621	0.07	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	-90	-15	-78	-61	-66.17	cps
Silicon	28-1	35696361	35866510	35619376	35727416	0.35	cps
Silver	109-1	1083	1183	1342	1203	10.83	cps
Silver	107-1	1325	1183	1333	1281	6.58	cps
Sodium	23-2	1555451	1554080	1557494	1555675	0.11	cps
Strontium	86-1	6498089	6446899	6435154	6460047	0.52	cps
Strontium	88-1	55953664	55267124	55617547	55612778	0.62	cps
Sulfur	34-1	748148	743616	740766	744177	0.50	cps
Terbium	159-1	7746062	7835170	7509285	7696839	2.19	cps
Terbium	159-2	1858322	1857322	1869502	1861715	0.36	cps
Thallium	203-1	42	100	75	72	40.52	cps
Thallium	205-1	158	242	158	186	25.85	cps
Tin	118-1	983	1058	1042	1028	3.83	cps
Titanium	47-1	533	467	533	511	7.53	cps
Uranium	238-1	92189	89748	91577	91171	1.39	cps
Vanadium	51-2	1207	1267	1190	1221	3.30	cps
Yttrium	89-1	7462016	7398640	7230141	7363599	1.63	cps
Yttrium	89-2	250485	249573	251209	250422	0.33	cps
Zinc	66-2	530	520	660	570	13.70	cps
Zirconium	90-1	842	875	883	867	2.54	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-07	Instrumnet Name :	P8
Client Sample ID :	MCWYJ7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:09:55	DataFile Name :	092SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	167	225	192	15.68	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	25	39	44.62	cps
Antimony	121-1	2700	2059	2650	2470	14.45	cps
Arsenic	75-2	1019	1095	1082	1065	3.81	cps
Barium	135-1	651016	642844	638260	644040	1.00	cps
Barium	137-1	1127381	1125540	1118458	1123793	0.42	cps
Beryllium	9-1	33	56	56	48	26.66	cps
Bismuth	209-1	4166651	4252848	4171048	4196849	1.16	cps
Bismuth	209-2	1402861	1374463	1393564	1390296	1.04	cps
Boron	11-1	80525	79185	81758	80489	1.60	cps
Boron	10-1	17812	17954	16936	17567	3.14	cps
Cadmium	106-1	1483	1575	1625	1561	4.60	cps
Cadmium	108-1	133	179	175	163	15.60	cps
Cadmium	111-1	991	1019	1057	1022	3.23	cps
Calcium	43-1	2305211	2295031	2265194	2288478	0.91	cps
Calcium	44-1	37003369	36645990	36271905	36640421	1.00	cps
Chromium	52-2	10698	10991	10904	10864	1.39	cps
Cobalt	59-2	1623	1657	1730	1670	3.27	cps
Copper	63-2	7832	8279	8189	8100	2.92	cps
Dysprosium	156-1	17	42	58	39	53.93	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	150	175	225	183	20.83	cps
Erbium	164-2	47	53	47	49	7.86	cps
Gadolinium	160-1	100	208	117	142	41.18	cps
Gadolinium	160-2	23	33	47	34	34.00	cps
Holmium	165-1	7231279	7432841	7337397	7333839	1.37	cps
Holmium	165-2	1955979	1907140	1925898	1929672	1.28	cps
Indium	115-1	6601808	6853906	6817550	6757755	2.02	cps
Indium	115-2	340942	337736	338186	338955	0.51	cps
Iron	56-2	7719	7508	7363	7530	2.38	cps
Iron	57-2	283	228	272	261	11.26	cps
Lead	206-1	661	589	594	615	6.54	cps
Lead	207-1	561	383	461	469	19.02	cps
Lead	208-1	2372	2306	2250	2309	2.65	cps
Lithium	6-1	768393	798287	803768	790149	2.41	cps
Magnesium	24-2	1771336	1751809	1746888	1756678	0.74	cps
Manganese	55-2	392443	391273	387748	390488	0.63	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	48187	48538	46873	47866	1.83	cps
Molybdenum	94-1	17913	17737	16886	17512	3.14	cps
Molybdenum	95-1	29708	30719	29299	29909	2.44	cps
Molybdenum	96-1	32064	31621	31888	31858	0.70	cps
Molybdenum	97-1	19298	19098	19340	19245	0.67	cps
Neodymium	150-1	60	53	73	62	16.37	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	5204	5301	5171	5226	1.29	cps
Phosphorus	31-2	42	8	33	28	62.46	cps
Potassium	39-2	48685	47397	49588	48557	2.27	cps
Rhodium	103-1	6146614	6337620	6242675	6242303	1.53	cps
Rhodium	103-2	1863012	1809948	1826143	1833034	1.48	cps
Scandium	45-1	4043424	4152597	4080174	4092065	1.36	cps
Scandium	45-2	37380	36140	37166	36895	1.80	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	13	4	4	7	78.78	cps
Selenium	82-1	-127	-76	23	-60	-127.29	cps
Silicon	28-1	36245505	36072205	35415649	35911120	1.22	cps
Silver	109-1	1083	1108	1208	1133	5.84	cps
Silver	107-1	1258	1300	1467	1342	8.22	cps
Sodium	23-2	3205540	3191353	3220206	3205700	0.45	cps
Strontium	86-1	4325232	4304234	4319306	4316258	0.25	cps
Strontium	88-1	37092620	37131200	36731951	36985257	0.60	cps
Sulfur	34-1	481100	479581	479274	479985	0.20	cps
Terbium	159-1	7612399	7763831	7753992	7710074	1.10	cps
Terbium	159-2	1917980	1854336	1904065	1892127	1.77	cps
Thallium	203-1	183	192	100	158	32.02	cps
Thallium	205-1	458	583	508	517	12.18	cps
Tin	118-1	1425	1534	1383	1447	5.35	cps
Titanium	47-1	500	575	575	550	7.87	cps
Uranium	238-1	48545	48186	47567	48100	1.03	cps
Vanadium	51-2	877	903	957	912	4.47	cps
Yttrium	89-1	7181164	7438211	7404856	7341411	1.90	cps
Yttrium	89-2	255468	255432	255648	255516	0.05	cps
Zinc	66-2	870	947	1010	942	7.44	cps
Zirconium	90-1	1125	1167	1167	1153	2.09	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-08	Instrumnet Name :	P8
Client Sample ID :	MCWYJ8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:13:04	DataFile Name :	093SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	275	225	256	10.48	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	83	42	53	50.76	cps
Antimony	121-1	2550	2775	2634	2653	4.29	cps
Arsenic	75-2	933	878	848	886	4.88	cps
Barium	135-1	335263	330569	327641	331158	1.16	cps
Barium	137-1	582628	573000	569234	574954	1.20	cps
Beryllium	9-1	106	28	61	65	60.20	cps
Bismuth	209-1	4110089	4259890	4248821	4206266	1.98	cps
Bismuth	209-2	1389709	1378036	1374297	1380681	0.58	cps
Boron	11-1	67727	68992	67569	68096	1.15	cps
Boron	10-1	14950	15868	14967	15261	3.44	cps
Cadmium	106-1	1609	1108	1400	1372	18.30	cps
Cadmium	108-1	17	4	29	17	74.99	cps
Cadmium	111-1	1131	785	976	964	17.95	cps
Calcium	43-1	1732166	1719986	1720700	1724284	0.40	cps
Calcium	44-1	27626188	27320539	27269681	27405469	0.70	cps
Chromium	52-2	1530	1417	1480	1476	3.85	cps
Cobalt	59-2	83	73	73	77	7.53	cps
Copper	63-2	1820	1770	1710	1767	3.12	cps
Dysprosium	156-1	8	50	17	25	88.19	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	108	83	67	86	24.35	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	7239111	7425890	7517313	7394105	1.92	cps
Holmium	165-2	1936293	1892733	1891670	1906898	1.34	cps
Indium	115-1	6595316	6797023	6863303	6751881	2.07	cps
Indium	115-2	338937	337429	337173	337846	0.28	cps
Iron	56-2	6585	6491	6024	6366	4.72	cps
Iron	57-2	194	167	150	170	13.18	cps
Lead	206-1	589	589	500	559	9.18	cps
Lead	207-1	506	461	544	504	8.28	cps
Lead	208-1	2278	2328	2345	2317	1.50	cps
Lithium	6-1	783204	804867	813726	800599	1.96	cps
Magnesium	24-2	1524377	1515323	1506720	1515473	0.58	cps
Manganese	55-2	100	100	140	113	20.38	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	38155	37227	37795	37726	1.24	cps
Molybdenum	94-1	14458	14308	13399	14055	4.08	cps
Molybdenum	95-1	22745	22820	22737	22767	0.20	cps
Molybdenum	96-1	25533	24439	24965	24979	2.19	cps
Molybdenum	97-1	14458	15009	15009	14825	2.14	cps
Neodymium	150-1	53	33	40	42	24.13	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	513	593	507	538	8.97	cps
Phosphorus	31-2	8	33	8	17	86.64	cps
Potassium	39-2	22744	21576	21509	21943	3.17	cps
Rhodium	103-1	6155009	6360328	6370955	6295431	1.93	cps
Rhodium	103-2	1835165	1837557	1833319	1835347	0.12	cps
Scandium	45-1	4061382	4092225	4125832	4093146	0.79	cps
Scandium	45-2	36882	36732	36742	36785	0.23	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	4	7	7	50.02	cps
Selenium	82-1	-76	43	12	-7	-867.96	cps
Silicon	28-1	34381489	34208046	33735817	34108451	0.98	cps
Silver	109-1	1033	1400	1250	1228	15.01	cps
Silver	107-1	1183	1392	1533	1370	12.86	cps
Sodium	23-2	1644574	1617572	1630695	1630947	0.83	cps
Strontium	86-1	13646313	13462979	13431346	13513546	0.86	cps
Strontium	88-1	117090348	116577290	114928373	116198671	0.97	cps
Sulfur	34-1	787931	789206	784776	787304	0.29	cps
Terbium	159-1	7615003	7890237	7816479	7773906	1.83	cps
Terbium	159-2	1891593	1894470	1878835	1888299	0.44	cps
Thallium	203-1	50	67	75	64	19.93	cps
Thallium	205-1	208	233	258	233	10.71	cps
Tin	118-1	1108	1200	1000	1103	9.08	cps
Titanium	47-1	583	625	550	586	6.41	cps
Uranium	238-1	74222	72319	72629	73057	1.40	cps
Vanadium	51-2	1073	1070	1020	1055	2.83	cps
Yttrium	89-1	7193635	7366538	7384127	7314767	1.44	cps
Yttrium	89-2	255164	251432	252201	252932	0.78	cps
Zinc	66-2	1310	1273	1180	1255	5.34	cps
Zirconium	90-1	883	758	833	825	7.63	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-09	Instrumnet Name :	P8
Client Sample ID :	MCWYJ9	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:16:11	DataFile Name :	094SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	233	192	197	17.08	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	2800	2750	2842	2798	1.64	cps
Arsenic	75-2	600	539	535	558	6.52	cps
Barium	135-1	453870	453995	447919	451928	0.77	cps
Barium	137-1	788269	791342	779085	786232	0.81	cps
Beryllium	9-1	39	17	28	28	39.99	cps
Bismuth	209-1	4157953	4237358	4234760	4210024	1.07	cps
Bismuth	209-2	1385164	1387128	1380257	1384183	0.26	cps
Boron	11-1	135104	137739	138716	137186	1.36	cps
Boron	10-1	30592	29991	29857	30147	1.30	cps
Cadmium	106-1	1242	1433	1492	1389	9.42	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Cadmium	111-1	926	1041	1098	1021	8.59	cps
Calcium	43-1	1756937	1762271	1768600	1762603	0.33	cps
Calcium	44-1	28188281	27933774	27894178	28005411	0.57	cps
Chromium	52-2	1393	1367	1400	1387	1.27	cps
Cobalt	59-2	430	463	523	472	10.02	cps
Copper	63-2	2894	3014	2947	2951	2.04	cps
Dysprosium	156-1	208	192	175	192	8.70	cps
Dysprosium	156-2	43	30	23	32	31.61	cps
Erbium	164-1	267	300	242	269	10.86	cps
Erbium	164-2	53	63	70	62	13.48	cps
Gadolinium	160-1	175	192	150	172	12.18	cps
Gadolinium	160-2	57	50	80	62	25.32	cps
Holmium	165-1	7212797	7432048	7496903	7380582	2.02	cps
Holmium	165-2	1904715	1897765	1930436	1910972	0.90	cps
Indium	115-1	6631690	6762003	6779242	6724312	1.20	cps
Indium	115-2	336524	335442	334798	335588	0.26	cps
Iron	56-2	10037	9526	10048	9870	3.02	cps
Iron	57-2	328	189	278	265	26.56	cps
Lead	206-1	1311	1306	1133	1250	8.09	cps
Lead	207-1	1061	1028	1117	1069	4.20	cps
Lead	208-1	5012	4901	4678	4863	3.49	cps
Lithium	6-1	778726	798101	804690	793839	1.70	cps
Magnesium	24-2	1478304	1495607	1476817	1483576	0.70	cps
Manganese	55-2	5448	5501	5695	5548	2.34	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	47392	48471	47534	47799	1.23	cps
Molybdenum	94-1	17929	17028	17320	17426	2.64	cps
Molybdenum	95-1	29851	30301	29357	29837	1.58	cps
Molybdenum	96-1	32130	31822	32306	32086	0.76	cps
Molybdenum	97-1	18714	18488	19465	18889	2.71	cps
Neodymium	150-1	340	193	293	276	27.19	cps
Neodymium	150-2	23	47	43	38	33.41	cps
Nickel	60-2	2827	2834	2854	2838	0.49	cps
Phosphorus	31-2	8	42	0	17	132.30	cps
Potassium	39-2	50366	49597	49137	49700	1.25	cps
Rhodium	103-1	6109328	6363686	6342258	6271757	2.25	cps
Rhodium	103-2	1830679	1833450	1819248	1827792	0.41	cps
Scandium	45-1	4043508	4087742	4135296	4088848	1.12	cps
Scandium	45-2	36942	36571	36705	36739	0.51	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	-74	-35	-24	-44	-59.95	cps
Silicon	28-1	32209817	31775308	32023217	32002781	0.68	cps
Silver	109-1	1100	1183	967	1083	10.09	cps
Silver	107-1	1233	1075	1375	1228	12.22	cps
Sodium	23-2	2007011	2015041	2012876	2011643	0.21	cps
Strontium	86-1	18567669	18567309	18680568	18605182	0.35	cps
Strontium	88-1	160978749	159631491	159450854	160020365	0.52	cps
Sulfur	34-1	725426	720888	720826	722380	0.37	cps
Terbium	159-1	7659882	7742699	7919169	7773917	1.70	cps
Terbium	159-2	1887313	1881003	1851744	1873353	1.01	cps
Thallium	203-1	142	108	100	117	18.90	cps
Thallium	205-1	300	300	367	322	11.94	cps
Tin	118-1	1367	1058	1083	1170	14.64	cps
Titanium	47-1	508	492	592	531	10.10	cps
Uranium	238-1	99203	96229	95733	97055	1.93	cps
Vanadium	51-2	1210	1133	1120	1155	4.21	cps
Yttrium	89-1	7237032	7359937	7427861	7341610	1.32	cps
Yttrium	89-2	253232	250302	251530	251688	0.58	cps
Zinc	66-2	727	717	670	704	4.29	cps
Zirconium	90-1	900	1075	842	939	12.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-10	Instrumnet Name :	P8
Client Sample ID :	MCWYK0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:19:18	DataFile Name :	095SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	225	206	8.44	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	42	36	26.65	cps
Antimony	121-1	5201	5118	5251	5190	1.30	cps
Arsenic	75-2	694	656	611	654	6.38	cps
Barium	135-1	2925287	2938069	2903176	2922177	0.60	cps
Barium	137-1	5014916	4944449	5014272	4991212	0.81	cps
Beryllium	9-1	61	83	56	67	22.05	cps
Bismuth	209-1	4350996	4289321	4388994	4343104	1.16	cps
Bismuth	209-2	1396555	1375599	1379995	1384050	0.80	cps
Boron	11-1	220435	223947	226923	223768	1.45	cps
Boron	10-1	47346	49754	49152	48750	2.57	cps
Cadmium	106-1	1492	1550	1609	1550	3.76	cps
Cadmium	108-1	75	67	63	68	9.35	cps
Cadmium	111-1	1671	1601	1757	1676	4.67	cps
Calcium	43-1	3242212	3230380	3233050	3235214	0.19	cps
Calcium	44-1	52643264	52757798	52239251	52546771	0.52	cps
Chromium	52-2	2744	2970	2820	2845	4.05	cps
Cobalt	59-2	3300	3147	3180	3209	2.51	cps
Copper	63-2	145499	142990	145515	144668	1.00	cps
Dysprosium	156-1	217	308	275	267	17.40	cps
Dysprosium	156-2	70	60	70	67	8.66	cps
Erbium	164-1	1325	1333	1367	1342	1.64	cps
Erbium	164-2	340	353	327	340	3.92	cps
Gadolinium	160-1	292	400	433	375	19.75	cps
Gadolinium	160-2	77	113	100	97	19.20	cps
Holmium	165-1	7699224	7656641	7621052	7658972	0.51	cps
Holmium	165-2	1923011	1904342	1940042	1922465	0.93	cps
Indium	115-1	6971290	6873905	6907993	6917729	0.71	cps
Indium	115-2	336556	333340	331988	333961	0.70	cps
Iron	56-2	8347	8686	8258	8431	2.68	cps
Iron	57-2	322	344	317	328	4.48	cps
Lead	206-1	833	750	833	806	5.97	cps
Lead	207-1	700	672	644	672	4.13	cps
Lead	208-1	3261	3211	3067	3180	3.18	cps
Lithium	6-1	814349	810486	817281	814039	0.42	cps
Magnesium	24-2	1693958	1662081	1708634	1688224	1.41	cps
Manganese	55-2	3973836	3971388	3963619	3969614	0.13	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17045	15418	16561	16341	5.11	cps
Molybdenum	94-1	7586	7402	7294	7427	1.99	cps
Molybdenum	95-1	10771	10763	10905	10813	0.74	cps
Molybdenum	96-1	11781	11122	11297	11400	2.99	cps
Molybdenum	97-1	6569	6710	6518	6599	1.51	cps
Neodymium	150-1	167	180	207	184	11.04	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	10040	10000	10114	10052	0.57	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	115170	113144	112859	113724	1.11	cps
Rhodium	103-1	6408476	6434163	6446438	6429692	0.30	cps
Rhodium	103-2	1848208	1807264	1806619	1820697	1.31	cps
Scandium	45-1	4196974	4192238	4185454	4191555	0.14	cps
Scandium	45-2	37052	36922	36775	36916	0.38	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	102	-39	176	80	136.54	cps
Silicon	28-1	39632469	39861114	39873552	39789045	0.34	cps
Silver	109-1	1183	1067	933	1061	11.79	cps
Silver	107-1	1275	1233	1092	1200	8.01	cps
Sodium	23-2	3098494	3067019	3073334	3079616	0.54	cps
Strontium	86-1	3252216	3262861	3284676	3266584	0.51	cps
Strontium	88-1	27815694	27854128	28021486	27897103	0.39	cps
Sulfur	34-1	369684	368587	369624	369298	0.17	cps
Terbium	159-1	8021415	8016924	8105523	8047954	0.62	cps
Terbium	159-2	1911156	1901301	1857542	1889999	1.51	cps
Thallium	203-1	2134	2442	2059	2211	9.19	cps
Thallium	205-1	5143	5135	5410	5229	2.99	cps
Tin	118-1	2142	2167	2042	2117	3.12	cps
Titanium	47-1	683	575	683	647	9.66	cps
Uranium	238-1	21653	21837	21561	21684	0.65	cps
Vanadium	51-2	5691	5855	5708	5751	1.56	cps
Yttrium	89-1	7587744	7571813	7631951	7597169	0.41	cps
Yttrium	89-2	254642	250729	250363	251912	0.94	cps
Zinc	66-2	787	873	817	826	5.33	cps
Zirconium	90-1	4651	4076	4184	4304	7.10	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:22:28	DataFile Name :	096SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	833	992	1025	950	10.78	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	200	192	217	16.77	cps
Antimony	121-1	2609	2692	2659	2653	1.58	cps
Arsenic	75-2	11	13	19	14	27.17	cps
Barium	135-1	1759	1709	1842	1770	3.81	cps
Barium	137-1	3126	3017	3051	3064	1.81	cps
Beryllium	9-1	17	50	22	30	60.27	cps
Bismuth	209-1	4432009	4402768	4417591	4417456	0.33	cps
Bismuth	209-2	1420453	1429372	1350169	1399998	3.10	cps
Boron	11-1	11347	10746	10337	10810	4.70	cps
Boron	10-1	2459	2292	2375	2375	3.51	cps
Cadmium	106-1	1342	1292	1225	1286	4.55	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	944	919	863	909	4.58	cps
Calcium	43-1	11263	10613	10488	10788	3.86	cps
Calcium	44-1	180471	179980	180344	180265	0.14	cps
Chromium	52-2	1300	1433	1233	1322	7.70	cps
Cobalt	59-2	13	40	30	28	48.51	cps
Copper	63-2	2104	2037	2060	2067	1.64	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	7509174	7394553	7466105	7456611	0.78	cps
Holmium	165-2	1912693	1910576	1815500	1879590	2.95	cps
Indium	115-1	6939496	6810869	6873636	6874667	0.94	cps
Indium	115-2	340476	341665	322752	334964	3.16	cps
Iron	56-2	10771	10916	10866	10851	0.68	cps
Iron	57-2	261	322	339	307	13.32	cps
Lead	206-1	600	750	683	678	11.09	cps
Lead	207-1	622	594	617	611	2.41	cps
Lead	208-1	2756	2695	2878	2776	3.36	cps
Lithium	6-1	804062	807209	810728	807333	0.41	cps
Magnesium	24-2	917	1033	917	956	7.05	cps
Manganese	55-2	210	253	220	228	9.96	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	242	300	183	242	24.14	cps
Molybdenum	94-1	658	992	667	772	24.63	cps
Molybdenum	95-1	158	108	192	153	27.45	cps
Molybdenum	96-1	442	500	350	431	17.56	cps
Molybdenum	97-1	383	467	367	406	13.21	cps
Neodymium	150-1	20	47	33	33	40.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	150	123	132	11.64	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4351	4268	4334	4318	1.02	cps
Rhodium	103-1	6542643	6596545	6604008	6581065	0.51	cps
Rhodium	103-2	1888284	1887188	1754631	1843368	4.17	cps
Scandium	45-1	4114506	4079188	4110731	4101475	0.47	cps
Scandium	45-2	36434	37373	35107	36305	3.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	-257	-34	-250	-181	-70.09	cps
Silicon	28-1	3288868	3268951	3278967	3278929	0.30	cps
Silver	109-1	1033	1108	1242	1128	9.36	cps
Silver	107-1	1200	1067	1042	1103	7.72	cps
Sodium	23-2	60069	60170	62881	61040	2.61	cps
Strontium	86-1	5885	5893	5885	5888	0.08	cps
Strontium	88-1	36775	36984	37102	36954	0.45	cps
Sulfur	34-1	357368	356335	355060	356254	0.32	cps
Terbium	159-1	7797548	7877056	7808375	7827659	0.55	cps
Terbium	159-2	1870731	1876166	1759316	1835404	3.59	cps
Thallium	203-1	92	75	42	69	36.66	cps
Thallium	205-1	83	100	92	92	9.09	cps
Tin	118-1	3376	3509	3467	3451	1.98	cps
Titanium	47-1	425	292	308	342	21.27	cps
Uranium	238-1	83	67	67	72	13.33	cps
Vanadium	51-2	60	70	57	62	11.15	cps
Yttrium	89-1	7444784	7358269	7456387	7419814	0.72	cps
Yttrium	89-2	251344	252748	237524	247205	3.40	cps
Zinc	66-2	2377	2414	2420	2404	0.97	cps
Zirconium	90-1	1350	1634	1417	1467	10.11	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-12	Instrumnet Name :	P8
Client Sample ID :	MCWYK2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:25:34	DataFile Name :	097SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	308	267	311	14.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	42	47	20.38	cps
Antimony	121-1	4143	4318	3651	4037	8.57	cps
Arsenic	75-2	856	843	820	840	2.12	cps
Barium	135-1	339027	338849	331003	336293	1.36	cps
Barium	137-1	590468	587138	580345	585984	0.88	cps
Beryllium	9-1	44	83	33	54	48.89	cps
Bismuth	209-1	4386409	4304442	4323066	4337972	0.99	cps
Bismuth	209-2	1401000	1376595	1389884	1389160	0.88	cps
Boron	11-1	93436	96683	96440	95520	1.89	cps
Boron	10-1	21751	21684	21767	21734	0.20	cps
Cadmium	106-1	1400	1258	1459	1372	7.50	cps
Cadmium	108-1	33	33	54	40	29.87	cps
Cadmium	111-1	994	928	1087	1003	7.95	cps
Calcium	43-1	1611411	1597080	1602885	1603792	0.45	cps
Calcium	44-1	25482143	25362800	25214692	25353212	0.53	cps
Chromium	52-2	2010	2097	2140	2082	3.18	cps
Cobalt	59-2	530	493	593	539	9.39	cps
Copper	63-2	1740	1827	1830	1799	2.84	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7589924	7476548	7531864	7532779	0.75	cps
Holmium	165-2	1915906	1907954	1926223	1916694	0.48	cps
Indium	115-1	6948394	6926255	6881440	6918696	0.49	cps
Indium	115-2	334760	337384	338917	337020	0.62	cps
Iron	56-2	7363	7508	7541	7471	1.27	cps
Iron	57-2	206	222	206	211	4.56	cps
Lead	206-1	1039	1378	1200	1206	14.06	cps
Lead	207-1	1100	1011	1000	1037	5.28	cps
Lead	208-1	4867	4945	4817	4876	1.32	cps
Lithium	6-1	801378	808398	813376	807717	0.75	cps
Magnesium	24-2	1302861	1317657	1321563	1314027	0.75	cps
Manganese	55-2	22435	21897	21233	21855	2.75	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	387391	395549	395191	392710	1.17	cps
Molybdenum	94-1	140732	138424	138569	139242	0.93	cps
Molybdenum	95-1	246413	244880	242938	244744	0.71	cps
Molybdenum	96-1	264119	261992	260251	262121	0.74	cps
Molybdenum	97-1	153822	150889	151252	151987	1.05	cps
Neodymium	150-1	47	20	47	38	40.76	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	1627	1503	1503	1545	4.61	cps
Phosphorus	31-2	8	8	33	17	86.64	cps
Potassium	39-2	109490	109432	108474	109132	0.52	cps
Rhodium	103-1	6385482	6374968	6409408	6389953	0.28	cps
Rhodium	103-2	1854057	1824760	1813207	1830675	1.15	cps
Scandium	45-1	4192491	4175164	4187013	4184889	0.21	cps
Scandium	45-2	37082	35639	36942	36554	2.18	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	2	6	9	6	66.68	cps
Selenium	82-1	87	-11	90	55	103.06	cps
Silicon	28-1	31280980	30501631	30566438	30783016	1.40	cps
Silver	109-1	883	1225	1025	1045	16.44	cps
Silver	107-1	1142	967	1183	1097	10.48	cps
Sodium	23-2	2099014	2133781	2124738	2119178	0.85	cps
Strontium	86-1	25833997	25892621	25529903	25752174	0.76	cps
Strontium	88-1	220993513	220565963	221184597	220914691	0.14	cps
Sulfur	34-1	852447	847250	847237	848978	0.35	cps
Terbium	159-1	7961901	8004578	7987232	7984570	0.27	cps
Terbium	159-2	1890976	1880123	1886022	1885707	0.29	cps
Thallium	203-1	350	325	283	319	10.54	cps
Thallium	205-1	667	667	550	628	10.73	cps
Tin	118-1	1492	1517	1675	1561	6.37	cps
Titanium	47-1	467	492	542	500	7.64	cps
Uranium	238-1	88362	85570	86987	86973	1.61	cps
Vanadium	51-2	1393	1327	1583	1435	9.28	cps
Yttrium	89-1	7445699	7413087	7474708	7444498	0.41	cps
Yttrium	89-2	251489	251184	254205	252293	0.66	cps
Zinc	66-2	1313	1483	1603	1467	9.94	cps
Zirconium	90-1	767	933	850	850	9.80	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13	Instrumnet Name :	P8
Client Sample ID :	MCWYK3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:28:43	DataFile Name :	098SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	250	233	231	9.09	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	17	25	57.73	cps
Antimony	121-1	3101	3501	3567	3389	7.45	cps
Arsenic	75-2	939	830	889	886	6.17	cps
Barium	135-1	340889	337594	335116	337866	0.86	cps
Barium	137-1	591081	588939	577511	585844	1.25	cps
Beryllium	9-1	6	61	56	41	75.09	cps
Bismuth	209-1	4405307	4346670	4334993	4362323	0.86	cps
Bismuth	209-2	1421019	1395346	1399488	1405284	0.98	cps
Boron	11-1	93278	95349	95416	94681	1.28	cps
Boron	10-1	19931	20232	21283	20482	3.47	cps
Cadmium	106-1	1417	1308	1300	1342	4.85	cps
Cadmium	108-1	21	58	46	42	45.84	cps
Cadmium	111-1	1044	921	953	973	6.56	cps
Calcium	43-1	1664746	1611516	1617321	1631194	1.79	cps
Calcium	44-1	25529834	25618068	25265633	25471179	0.72	cps
Chromium	52-2	1553	1587	1587	1576	1.22	cps
Cobalt	59-2	520	467	507	498	5.58	cps
Copper	63-2	1367	1467	1343	1392	4.71	cps
Dysprosium	156-1	42	8	42	31	62.99	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	25	83	42	50	60.09	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	83	50	92	75	29.40	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	7692263	7594319	7569183	7618588	0.85	cps
Holmium	165-2	1933477	1909787	1894428	1912564	1.03	cps
Indium	115-1	7130225	6914441	6973611	7006092	1.59	cps
Indium	115-2	343543	338550	338680	340258	0.84	cps
Iron	56-2	5646	5624	5668	5646	0.39	cps
Iron	57-2	111	172	206	163	29.39	cps
Lead	206-1	667	650	694	670	3.35	cps
Lead	207-1	589	639	567	598	6.18	cps
Lead	208-1	2745	2745	2584	2691	3.46	cps
Lithium	6-1	805724	803097	798438	802420	0.46	cps
Magnesium	24-2	1315410	1307226	1302028	1308221	0.52	cps
Manganese	55-2	21931	21450	21964	21782	1.32	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	400435	392689	395930	396351	0.98	cps
Molybdenum	94-1	143172	141396	142501	142356	0.63	cps
Molybdenum	95-1	250533	245092	248366	247997	1.10	cps
Molybdenum	96-1	266726	264405	263863	264998	0.57	cps
Molybdenum	97-1	157083	154118	155459	155553	0.95	cps
Neodymium	150-1	27	100	27	51	82.84	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	633	593	587	604	4.18	cps
Phosphorus	31-2	33	17	25	25	33.32	cps
Potassium	39-2	108708	107786	109296	108597	0.70	cps
Rhodium	103-1	6503719	6443571	6380793	6442694	0.95	cps
Rhodium	103-2	1859451	1813654	1800160	1824422	1.70	cps
Scandium	45-1	4237626	4219036	4200488	4219050	0.44	cps
Scandium	45-2	37968	36056	37106	37043	2.58	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	4	2	11	6	88.24	cps
Selenium	82-1	135	61	13	70	88.49	cps
Silicon	28-1	31327859	30995940	30735507	31019769	0.96	cps
Silver	109-1	1242	1458	1483	1395	9.53	cps
Silver	107-1	1317	1375	1542	1411	8.28	cps
Sodium	23-2	2099735	2064939	2126966	2097213	1.48	cps
Strontium	86-1	26207565	25910933	25669345	25929281	1.04	cps
Strontium	88-1	223779030	224264147	222341872	223461683	0.45	cps
Sulfur	34-1	857318	856605	852735	855553	0.29	cps
Terbium	159-1	8110990	7987915	7962487	8020464	0.99	cps
Terbium	159-2	1890034	1913720	1885843	1896532	0.79	cps
Thallium	203-1	242	150	92	161	46.93	cps
Thallium	205-1	408	325	250	328	24.16	cps
Tin	118-1	1709	1417	1508	1545	9.66	cps
Titanium	47-1	450	508	542	500	9.28	cps
Uranium	238-1	87523	89807	87583	88304	1.47	cps
Vanadium	51-2	1477	1453	1323	1418	5.83	cps
Yttrium	89-1	7576989	7530402	7480625	7529339	0.64	cps
Yttrium	89-2	255197	251535	252898	253210	0.73	cps
Zinc	66-2	367	377	373	372	1.37	cps
Zirconium	90-1	1008	967	825	933	10.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:38:09	DataFile Name :	101SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	208	192	219	15.81	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	17	17	99.99	cps
Antimony	121-1	433	533	408	458	14.43	cps
Arsenic	75-2	174	169	157	167	5.09	cps
Barium	135-1	61829	62758	63135	62574	1.07	cps
Barium	137-1	107418	107839	107098	107452	0.35	cps
Beryllium	9-1	33	61	50	48	29.04	cps
Bismuth	209-1	4189207	4147718	4197322	4178082	0.64	cps
Bismuth	209-2	1329341	1378708	1368476	1358842	1.92	cps
Boron	11-1	23019	22502	22969	22830	1.25	cps
Boron	10-1	5184	5143	5151	5159	0.43	cps
Cadmium	106-1	1375	1383	1117	1292	11.74	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	968	986	819	924	9.93	cps
Calcium	43-1	296003	292116	295571	294563	0.72	cps
Calcium	44-1	4817699	4822065	4855772	4831845	0.43	cps
Chromium	52-2	917	953	947	939	2.08	cps
Cobalt	59-2	100	73	103	92	17.83	cps
Copper	63-2	620	630	497	582	12.75	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	58	42	64	39.85	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	7142995	7074934	7129138	7115689	0.51	cps
Holmium	165-2	1819907	1858292	1863094	1847098	1.28	cps
Indium	115-1	6646992	6575824	6599470	6607429	0.55	cps
Indium	115-2	324677	333021	334296	330665	1.58	cps
Iron	56-2	3639	3751	3712	3701	1.52	cps
Iron	57-2	117	117	83	106	18.23	cps
Lead	206-1	306	361	317	328	8.97	cps
Lead	207-1	294	244	356	298	18.66	cps
Lead	208-1	1367	1328	1439	1378	4.09	cps
Lithium	6-1	740110	731605	747822	739846	1.10	cps
Magnesium	24-2	245933	248824	243009	245922	1.18	cps
Manganese	55-2	4224	4401	4194	4273	2.61	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	73197	73734	73274	73402	0.40	cps
Molybdenum	94-1	27487	26009	26402	26632	2.88	cps
Molybdenum	95-1	46322	45218	46665	46068	1.64	cps
Molybdenum	96-1	50779	49650	48730	49720	2.06	cps
Molybdenum	97-1	28865	28982	29074	28973	0.36	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	140	127	137	6.45	cps
Phosphorus	31-2	33	0	17	17	100.00	cps
Potassium	39-2	24038	24029	23203	23757	2.02	cps
Rhodium	103-1	6217797	6232632	6251388	6233939	0.27	cps
Rhodium	103-2	1758009	1793819	1801474	1784434	1.30	cps
Scandium	45-1	4017333	3985976	4003033	4002114	0.39	cps
Scandium	45-2	35261	35358	34860	35160	0.75	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	-35	-101	-185	-107	-70.32	cps
Silicon	28-1	6105465	6093184	6083982	6094210	0.18	cps
Silver	109-1	433	400	342	392	11.85	cps
Silver	107-1	458	525	517	500	7.27	cps
Sodium	23-2	389325	395956	390086	391789	0.93	cps
Strontium	86-1	4861778	4843019	4911957	4872251	0.73	cps
Strontium	88-1	41646347	41753525	41839638	41746503	0.23	cps
Sulfur	34-1	467825	463195	467311	466110	0.54	cps
Terbium	159-1	7474386	7514492	7556063	7514981	0.54	cps
Terbium	159-2	1792398	1824453	1843121	1819990	1.41	cps
Thallium	203-1	50	67	75	64	19.92	cps
Thallium	205-1	183	75	125	128	42.43	cps
Tin	118-1	792	675	667	711	9.83	cps
Titanium	47-1	200	267	325	264	23.70	cps
Uranium	238-1	16829	16044	16128	16334	2.64	cps
Vanadium	51-2	273	260	260	264	2.91	cps
Yttrium	89-1	7141410	7125971	7183043	7150142	0.41	cps
Yttrium	89-2	239443	247762	247336	244847	1.91	cps
Zinc	66-2	110	103	117	110	6.06	cps
Zirconium	90-1	492	642	542	558	13.68	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 19:41:17	DataFile Name :	102SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	133	133	136	3.53	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15059	15050	15083	15064	0.11	cps
Antimony	121-1	1190256	1178295	1169207	1179253	0.90	cps
Arsenic	75-2	6896	6802	7043	6914	1.76	cps
Barium	135-1	5070395	4954407	4970822	4998541	1.26	cps
Barium	137-1	8699630	8567043	8629237	8631970	0.77	cps
Beryllium	9-1	74258	74944	74085	74429	0.61	cps
Bismuth	209-1	4335255	4308219	4364901	4336125	0.65	cps
Bismuth	209-2	1385055	1363818	1376991	1375288	0.78	cps
Boron	11-1	90719	90149	91709	90859	0.87	cps
Boron	10-1	20908	20240	20373	20507	1.72	cps
Cadmium	106-1	13382	12915	13199	13165	1.79	cps
Cadmium	108-1	8761	8615	8937	8771	1.83	cps
Cadmium	111-1	133440	131099	129438	131325	1.53	cps
Calcium	43-1	1561150	1592315	1563079	1572181	1.11	cps
Calcium	44-1	24836442	24403120	24680065	24639876	0.89	cps
Chromium	52-2	248594	249307	247543	248481	0.36	cps
Cobalt	59-2	1284464	1290991	1285967	1287141	0.27	cps
Copper	63-2	561698	557095	558854	559216	0.42	cps
Dysprosium	156-1	50	33	42	42	19.99	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	25	108	64	65.65	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	75	42	83	67	33.07	cps
Gadolinium	160-2	10	17	20	16	32.73	cps
Holmium	165-1	7631307	7497255	7462030	7530197	1.19	cps
Holmium	165-2	1913299	1869966	1909658	1897641	1.27	cps
Indium	115-1	6887172	6868884	6881601	6879219	0.14	cps
Indium	115-2	334459	325551	334049	331353	1.52	cps
Iron	56-2	829348	832171	837620	833046	0.50	cps
Iron	57-2	20510	20738	20115	20454	1.54	cps
Lead	206-1	116800	116234	115302	116112	0.65	cps
Lead	207-1	105003	101263	105647	103971	2.28	cps
Lead	208-1	471925	465797	472788	470170	0.81	cps
Lithium	6-1	809994	803962	815440	809799	0.71	cps
Magnesium	24-2	1274263	1261617	1270867	1268916	0.52	cps
Manganese	55-2	192939	192823	195642	193802	0.82	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	386073	383349	379454	382959	0.87	cps
Molybdenum	94-1	136303	136042	137235	136527	0.46	cps
Molybdenum	95-1	239552	239578	236783	238637	0.67	cps
Molybdenum	96-1	254910	254087	254250	254415	0.17	cps
Molybdenum	97-1	151489	148666	148868	149674	1.05	cps
Neodymium	150-1	160	133	153	149	9.32	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	378734	376103	378536	377791	0.39	cps
Phosphorus	31-2	42	17	17	25	57.73	cps
Potassium	39-2	106316	106460	106224	106333	0.11	cps
Rhodium	103-1	6376350	6409910	6457843	6414701	0.64	cps
Rhodium	103-2	1840829	1770303	1808515	1806549	1.95	cps
Scandium	45-1	4152521	4151611	4138835	4147656	0.18	cps
Scandium	45-2	36601	35819	36541	36320	1.20	cps
Selenium	77-2	103	80	103	96	14.10	cps
Selenium	78-2	409	422	404	412	2.31	cps
Selenium	82-1	16790	16804	16917	16837	0.41	cps
Silicon	28-1	29936241	29591866	29768618	29765575	0.58	cps
Silver	109-1	550875	552302	546376	549851	0.56	cps
Silver	107-1	579722	580163	576836	578907	0.31	cps
Sodium	23-2	2016470	2036000	2013433	2021968	0.61	cps
Strontium	86-1	25145126	24795738	25075401	25005421	0.74	cps
Strontium	88-1	215732646	215142063	215758105	215544271	0.16	cps
Sulfur	34-1	839218	830191	828609	832673	0.69	cps
Terbium	159-1	7904383	7878358	8036126	7939622	1.07	cps
Terbium	159-2	1895706	1833389	1861782	1863626	1.67	cps
Thallium	203-1	366217	360950	360153	362440	0.91	cps
Thallium	205-1	866266	854401	853324	857997	0.84	cps
Tin	118-1	1684	1700	1667	1684	0.99	cps
Titanium	47-1	492	567	417	492	15.26	cps
Uranium	238-1	86299	85308	85980	85862	0.59	cps
Vanadium	51-2	446654	450094	447657	448135	0.39	cps
Yttrium	89-1	7453323	7438192	7455260	7448925	0.13	cps
Yttrium	89-2	250031	243323	250500	247951	1.62	cps
Zinc	66-2	106333	105920	105195	105816	0.54	cps
Zirconium	90-1	1150	1117	883	1050	13.84	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:44:26	DataFile Name :	103SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	225	192	217	10.18	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387836	392191	384343	388123	1.01	cps
Antimony	121-1	5150097	5150786	5208438	5169774	0.65	cps
Arsenic	75-2	77240	76847	77264	77117	0.30	cps
Barium	135-1	5072332	5125999	5111258	5103196	0.54	cps
Barium	137-1	8766309	8695927	8741769	8734668	0.41	cps
Beryllium	9-1	644568	649683	650753	648335	0.51	cps
Bismuth	209-1	3859280	3884290	3839500	3861023	0.58	cps
Bismuth	209-2	1273099	1279865	1268434	1273800	0.45	cps
Boron	11-1	355361	366161	372057	364526	2.32	cps
Boron	10-1	77217	79219	80560	78998	2.13	cps
Cadmium	106-1	115189	116373	114963	115509	0.66	cps
Cadmium	108-1	76834	77844	78175	77618	0.90	cps
Cadmium	111-1	1120807	1126469	1119434	1122237	0.33	cps
Calcium	43-1	5977904	5983445	5995527	5985625	0.15	cps
Calcium	44-1	97164740	97397136	98881604	97814493	0.95	cps
Chromium	52-2	581162	585493	582099	582918	0.39	cps
Cobalt	59-2	1271021	1273215	1270349	1271529	0.12	cps
Copper	63-2	2080086	2081855	2110846	2090929	0.83	cps
Dysprosium	156-1	133	108	92	111	18.88	cps
Dysprosium	156-2	27	20	10	19	44.42	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	100	83	167	117	37.80	cps
Gadolinium	160-2	17	13	27	19	36.75	cps
Holmium	165-1	7016037	6908323	6944408	6956256	0.79	cps
Holmium	165-2	1863799	1868674	1829772	1854082	1.14	cps
Indium	115-1	6290630	6268710	6296998	6285446	0.24	cps
Indium	115-2	323624	322985	325236	323948	0.36	cps
Iron	56-2	93183497	93205647	93162419	93183854	0.02	cps
Iron	57-2	2336453	2326675	2372500	2345210	1.03	cps
Lead	206-1	2501708	2527445	2519120	2516091	0.52	cps
Lead	207-1	2283942	2296685	2290998	2290542	0.28	cps
Lead	208-1	10217986	10291668	10307274	10272309	0.46	cps
Lithium	6-1	699582	697839	701556	699659	0.27	cps
Magnesium	24-2	9433588	9502687	9559379	9498551	0.66	cps
Manganese	55-2	326872	329063	329615	328517	0.44	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3751941	3758629	3753538	3754703	0.09	cps
Molybdenum	94-1	4063707	4172330	4162082	4132706	1.45	cps
Molybdenum	95-1	2354703	2370284	2376725	2367237	0.48	cps
Molybdenum	96-1	2950188	2978880	2981459	2970176	0.58	cps
Molybdenum	97-1	1458330	1469963	1470016	1466103	0.46	cps
Neodymium	150-1	227	187	220	211	10.15	cps
Neodymium	150-2	27	10	10	16	61.87	cps
Nickel	60-2	372551	372354	374244	373050	0.28	cps
Phosphorus	31-2	5660	6093	6027	5927	3.94	cps
Potassium	39-2	3040431	3088410	3099084	3075975	1.02	cps
Rhodium	103-1	5819444	5813353	5782404	5805067	0.34	cps
Rhodium	103-2	1727009	1689980	1710264	1709085	1.08	cps
Scandium	45-1	3930231	3940200	4002291	3957574	0.99	cps
Scandium	45-2	36812	36878	37290	36993	0.70	cps
Selenium	77-2	480	543	503	509	6.29	cps
Selenium	78-2	1622	1765	1704	1697	4.22	cps
Selenium	82-1	72211	72485	73059	72585	0.60	cps
Silicon	28-1	2250918	2298942	2354571	2301477	2.25	cps
Silver	109-1	5176051	5182942	5222387	5193793	0.48	cps
Silver	107-1	5437823	5469259	5503802	5470295	0.60	cps
Sodium	23-2	23093328	23262145	23263839	23206437	0.42	cps
Strontium	86-1	1546207	1528631	1545342	1540060	0.64	cps
Strontium	88-1	12977401	12987899	13011602	12992301	0.13	cps
Sulfur	34-1	696152	698289	699800	698080	0.26	cps
Terbium	159-1	7341971	7310446	7267128	7306515	0.51	cps
Terbium	159-2	1808187	1807233	1779631	1798351	0.90	cps
Thallium	203-1	3153406	3133397	3124579	3137127	0.47	cps
Thallium	205-1	7288784	7379797	7263935	7310839	0.83	cps
Tin	118-1	3588792	3593403	3567899	3583365	0.38	cps
Titanium	47-1	604198	610190	612503	608964	0.70	cps
Uranium	238-1	9252124	9197769	9219226	9223040	0.30	cps
Vanadium	51-2	415980	416793	418729	417167	0.34	cps
Yttrium	89-1	7142856	7051494	7067578	7087309	0.69	cps
Yttrium	89-2	250051	250346	251822	250740	0.38	cps
Zinc	66-2	198076	196537	198708	197774	0.56	cps
Zirconium	90-1	7749996	7774909	7750033	7758313	0.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P8
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:53:35	DataFile Name :	105CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1728695	1741185	1731234	1733704	0.38	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : CCB019 Instrumnet Name : P8
 Client Sample ID : CCB019 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 19:56:33 DataFile Name : 106CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	25	17	86.60	cps
Antimony	121-1	3059	2975	2659	2898	7.28	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	33	67	17	39	65.47	cps
Barium	137-1	83	100	83	89	10.82	cps
Beryllium	9-1	89	133	100	107	21.54	cps
Bismuth	209-1	4006364	4039740	3996046	4014050	0.57	cps
Bismuth	209-2	1341649	1350603	1349800	1347351	0.37	cps
Boron	11-1	11755	11639	10729	11374	4.94	cps
Boron	10-1	2692	2584	2475	2584	4.19	cps
Cadmium	106-1	1275	1225	1275	1258	2.29	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Cadmium	111-1	926	888	938	917	2.86	cps
Calcium	43-1	3117	3176	2734	3009	7.98	cps
Calcium	44-1	57586	56473	56656	56905	1.05	cps
Chromium	52-2	957	720	827	834	14.20	cps
Cobalt	59-2	13	30	20	21	39.75	cps
Copper	63-2	353	347	367	356	2.86	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	83	67	42	64	32.83	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	6904347	6869870	6843743	6872653	0.44	cps
Holmium	165-2	1820586	1839628	1820385	1826867	0.60	cps
Indium	115-1	6501007	6516168	6406364	6474513	0.92	cps
Indium	115-2	335525	337341	337739	336869	0.35	cps
Iron	56-2	3523	3812	3851	3728	4.80	cps
Iron	57-2	111	150	89	117	26.52	cps
Lead	206-1	606	572	694	624	10.12	cps
Lead	207-1	461	572	422	485	16.04	cps
Lead	208-1	2372	2395	2489	2419	2.56	cps
Lithium	6-1	732424	731661	730196	731427	0.15	cps
Magnesium	24-2	92	117	75	94	22.21	cps
Manganese	55-2	60	67	60	62	6.19	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P8
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:56:33	DataFile Name :	106CCBE_P8072517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	183	183	158	175	8.25	cps
Molybdenum	94-1	600	517	608	575	8.82	cps
Molybdenum	95-1	133	150	133	139	6.93	cps
Molybdenum	96-1	342	383	308	344	10.91	cps
Molybdenum	97-1	342	317	233	297	19.09	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	90	57	60	47.47	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	3626	3734	3759	3706	1.91	cps
Rhodium	103-1	6192029	6112952	6130469	6145150	0.68	cps
Rhodium	103-2	1837207	1840816	1848619	1842214	0.32	cps
Scandium	45-1	3949756	3959523	3968330	3959203	0.23	cps
Scandium	45-2	36243	36468	37099	36603	1.21	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-177	-33	22	-63	-163.52	cps
Silicon	28-1	390429	385949	378876	385084	1.51	cps
Silver	109-1	408	425	675	503	29.71	cps
Silver	107-1	633	550	600	594	7.06	cps
Sodium	23-2	7936	7652	7777	7789	1.82	cps
Strontium	86-1	1508	1567	1608	1561	3.22	cps
Strontium	88-1	533	800	833	722	22.77	cps
Sulfur	34-1	375853	373305	371090	373416	0.64	cps
Terbium	159-1	7200107	7185971	7250150	7212076	0.47	cps
Terbium	159-2	1772829	1812235	1814283	1799782	1.30	cps
Thallium	203-1	658	383	475	506	27.70	cps
Thallium	205-1	1342	1175	1067	1195	11.60	cps
Tin	118-1	1275	1375	1158	1270	8.54	cps
Titanium	47-1	192	192	150	178	13.53	cps
Uranium	238-1	92	58	117	89	32.92	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	7080897	7067887	6977460	7042081	0.80	cps
Yttrium	89-2	250476	252524	251758	251586	0.41	cps
Zinc	66-2	60	53	53	56	6.93	cps
Zirconium	90-1	1417	1300	1492	1403	6.89	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P8
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:56:33	DataFile Name :	106CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	275	400	342	18.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	17	33	43.30	cps
Antimony	121-1	4659	4976	4918	4851	3.48	cps
Arsenic	75-2	900	967	896	921	4.30	cps
Barium	135-1	323650	326149	322406	324068	0.59	cps
Barium	137-1	557892	566512	561871	562092	0.77	cps
Beryllium	9-1	78	94	89	87	9.75	cps
Bismuth	209-1	4132645	4091107	4104000	4109251	0.52	cps
Bismuth	209-2	1341590	1352670	1341899	1345387	0.47	cps
Boron	11-1	96717	98420	99233	98123	1.31	cps
Boron	10-1	20949	21375	21534	21286	1.42	cps
Cadmium	106-1	1442	1525	1584	1517	4.69	cps
Cadmium	108-1	58	46	42	49	17.84	cps
Cadmium	111-1	1077	1161	1196	1144	5.35	cps
Calcium	43-1	1637222	1636663	1613782	1629222	0.82	cps
Calcium	44-1	25920258	25550109	25699877	25723415	0.72	cps
Chromium	52-2	1690	1630	1660	1660	1.81	cps
Cobalt	59-2	517	540	503	520	3.57	cps
Copper	63-2	1547	1463	1547	1519	3.17	cps
Dysprosium	156-1	42	75	33	50	44.09	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	20	3	13	12	68.66	cps
Holmium	165-1	7161225	7198301	7179983	7179836	0.26	cps
Holmium	165-2	1896871	1894740	1884685	1892099	0.34	cps
Indium	115-1	6697844	6790484	6701918	6730082	0.78	cps
Indium	115-2	344322	346372	341891	344195	0.65	cps
Iron	56-2	5624	6029	6096	5916	4.32	cps
Iron	57-2	194	228	211	211	7.90	cps
Lead	206-1	850	694	895	813	12.92	cps
Lead	207-1	767	700	633	700	9.52	cps
Lead	208-1	3395	3089	3334	3273	4.94	cps
Lithium	6-1	788604	787860	784729	787064	0.26	cps
Magnesium	24-2	1351959	1350352	1328885	1343732	0.96	cps
Manganese	55-2	22735	22709	22752	22732	0.10	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	388278	393300	388444	390007	0.73	cps
Molybdenum	94-1	138483	138179	140359	139007	0.85	cps
Molybdenum	95-1	240376	241395	240558	240777	0.23	cps
Molybdenum	96-1	259684	260236	257936	259285	0.46	cps
Molybdenum	97-1	151083	151732	150914	151243	0.29	cps
Neodymium	150-1	27	53	13	31	65.48	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	603	510	583	566	8.69	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	118310	117252	114102	116555	1.88	cps
Rhodium	103-1	6347858	6377845	6348636	6358113	0.27	cps
Rhodium	103-2	1848383	1823710	1804795	1825630	1.20	cps
Scandium	45-1	4196148	4231752	4145046	4190982	1.04	cps
Scandium	45-2	38296	38236	37914	38149	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	6	11	9	34.60	cps
Selenium	82-1	77	-10	205	90	119.41	cps
Silicon	28-1	31473563	31440304	31162599	31358822	0.54	cps
Silver	109-1	3559	3776	3376	3570	5.61	cps
Silver	107-1	4067	3601	3867	3845	6.09	cps
Sodium	23-2	2180493	2177879	2145904	2168092	0.89	cps
Strontium	86-1	25444531	25791282	25421510	25552441	0.81	cps
Strontium	88-1	219612588	221706680	220074955	220464741	0.50	cps
Sulfur	34-1	865747	858249	853086	859027	0.74	cps
Terbium	159-1	7566391	7523898	7488131	7526140	0.52	cps
Terbium	159-2	1876390	1855374	1838177	1856647	1.03	cps
Thallium	203-1	792	533	450	592	30.11	cps
Thallium	205-1	1942	1233	892	1356	39.51	cps
Tin	118-1	1775	1634	1784	1731	4.87	cps
Titanium	47-1	525	467	483	492	6.11	cps
Uranium	238-1	81903	81525	80830	81419	0.67	cps
Vanadium	51-2	1490	1470	1497	1486	0.93	cps
Yttrium	89-1	7413357	7483651	7380349	7425785	0.71	cps
Yttrium	89-2	261016	262148	256901	260022	1.06	cps
Zinc	66-2	407	443	463	438	6.56	cps
Zirconium	90-1	1617	1475	1358	1483	8.72	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-14RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 19:59:41	DataFile Name :	107SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	350	392	353	10.65	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	42	39	32.73	cps
Antimony	121-1	942	850	867	886	5.51	cps
Arsenic	75-2	252	213	169	211	19.75	cps
Barium	135-1	63695	61662	62942	62766	1.64	cps
Barium	137-1	108718	106881	109341	108313	1.18	cps
Beryllium	9-1	106	128	61	98	34.59	cps
Bismuth	209-1	4055444	4043100	3935634	4011393	1.64	cps
Bismuth	209-2	1362537	1339450	1348645	1350211	0.86	cps
Boron	11-1	25064	25081	24255	24800	1.90	cps
Boron	10-1	5543	5818	5560	5640	2.73	cps
Cadmium	106-1	1392	1275	1133	1267	10.21	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Cadmium	111-1	986	903	811	900	9.73	cps
Calcium	43-1	294964	296938	296676	296193	0.36	cps
Calcium	44-1	4859802	4934790	4878084	4890892	0.80	cps
Chromium	52-2	987	1060	920	989	7.08	cps
Cobalt	59-2	127	110	103	113	10.60	cps
Copper	63-2	580	563	530	558	4.56	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	0	42	22	94.38	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	25	33	58	39	44.62	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	7119192	6963199	6757353	6946581	2.61	cps
Holmium	165-2	1887236	1833580	1841700	1854172	1.56	cps
Indium	115-1	6591921	6514185	6319269	6475125	2.17	cps
Indium	115-2	340305	333016	336715	336679	1.08	cps
Iron	56-2	3884	3945	3840	3890	1.36	cps
Iron	57-2	100	144	139	128	18.95	cps
Lead	206-1	406	444	428	426	4.58	cps
Lead	207-1	428	328	328	361	15.99	cps
Lead	208-1	1861	1667	1656	1728	6.69	cps
Lithium	6-1	737585	739295	712666	729848	2.04	cps
Magnesium	24-2	251011	247636	250934	249860	0.77	cps
Manganese	55-2	4364	4407	4371	4381	0.53	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	72914	72879	73844	73212	0.75	cps
Molybdenum	94-1	26986	26235	26009	26410	1.94	cps
Molybdenum	95-1	45210	45603	44950	45254	0.73	cps
Molybdenum	96-1	49399	49767	48178	49115	1.69	cps
Molybdenum	97-1	27713	28807	28773	28431	2.19	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	140	183	150	19.75	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	24731	24372	24973	24692	1.22	cps
Rhodium	103-1	6192981	6211133	5944448	6116187	2.44	cps
Rhodium	103-2	1816758	1775984	1806155	1799633	1.18	cps
Scandium	45-1	4059730	4018926	3852440	3977032	2.76	cps
Scandium	45-2	36778	35692	37457	36642	2.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-34	-18	-147	-66	-106.02	cps
Silicon	28-1	6212294	6179631	6122423	6171450	0.74	cps
Silver	109-1	800	808	1008	872	13.52	cps
Silver	107-1	792	925	767	828	10.28	cps
Sodium	23-2	403977	401700	403068	402915	0.28	cps
Strontium	86-1	4880830	4857565	4883934	4874110	0.30	cps
Strontium	88-1	41846910	41832130	41364541	41681194	0.66	cps
Sulfur	34-1	465968	463099	460423	463163	0.60	cps
Terbium	159-1	7386059	7383129	7155704	7308297	1.81	cps
Terbium	159-2	1835692	1790294	1849803	1825263	1.70	cps
Thallium	203-1	158	158	83	133	32.47	cps
Thallium	205-1	242	183	400	275	40.77	cps
Tin	118-1	950	875	808	878	8.07	cps
Titanium	47-1	233	325	267	275	16.87	cps
Uranium	238-1	15836	15410	15127	15457	2.31	cps
Vanadium	51-2	293	317	250	287	11.80	cps
Yttrium	89-1	7200371	7145313	6904524	7083403	2.22	cps
Yttrium	89-2	252815	247973	252105	250964	1.04	cps
Zinc	66-2	123	147	93	121	22.07	cps
Zirconium	90-1	683	783	800	756	8.35	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-13LREX5	Instrumnet Name :	P8
Client Sample ID :	MCWYK3L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 20:02:49	DataFile Name :	108SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	158	131	18.43	cps

LB Number : LB89103 Operator : Jaswal
 Lab Sample ID : I4410-15RE Instrumnet Name : P8
 Client Sample ID : MCWYK3S Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 20:05:58 DataFile Name : 109SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15709	15426	15117	15417	1.92	cps
Antimony	121-1	1168228	1173686	1164372	1168762	0.40	cps
Arsenic	75-2	7031	6770	7046	6949	2.23	cps
Barium	135-1	4911965	4972707	4961546	4948739	0.65	cps
Barium	137-1	8481499	8570492	8416456	8489483	0.91	cps
Beryllium	9-1	74297	74654	74180	74377	0.33	cps
Bismuth	209-1	4270185	4178603	4213098	4220629	1.10	cps
Bismuth	209-2	1376497	1371253	1328328	1358693	1.95	cps
Boron	11-1	91784	90786	95282	92618	2.55	cps
Boron	10-1	20524	20290	20799	20538	1.24	cps
Cadmium	106-1	13265	13266	12882	13138	1.69	cps
Cadmium	108-1	8299	8545	8645	8496	2.10	cps
Cadmium	111-1	132164	130384	129882	130810	0.92	cps
Calcium	43-1	1591663	1555771	1596305	1581246	1.40	cps
Calcium	44-1	25011931	24660032	24773117	24815026	0.72	cps
Chromium	52-2	250369	251336	249535	250413	0.36	cps
Cobalt	59-2	1297632	1304106	1291300	1297679	0.49	cps
Copper	63-2	562409	565385	560425	562740	0.44	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	92	33	58	61	47.89	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	83	67	108	86	24.35	cps
Gadolinium	160-2	23	7	3	11	96.43	cps
Holmium	165-1	7501772	7490867	7304760	7432466	1.49	cps
Holmium	165-2	1922543	1902949	1851313	1892268	1.94	cps
Indium	115-1	6835038	6843694	6746651	6808461	0.79	cps
Indium	115-2	338290	337730	327581	334534	1.80	cps
Iron	56-2	849921	847218	838196	845112	0.73	cps
Iron	57-2	21194	20877	20560	20877	1.52	cps
Lead	206-1	113599	113503	113027	113376	0.27	cps
Lead	207-1	102085	101900	101644	101876	0.22	cps
Lead	208-1	459992	459124	456656	458590	0.38	cps
Lithium	6-1	805997	801642	802183	803274	0.30	cps
Magnesium	24-2	1299846	1275587	1284851	1286761	0.95	cps
Manganese	55-2	197329	196937	195443	196570	0.51	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:05:58	DataFile Name :	109SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	385024	378370	375862	379752	1.25	cps
Molybdenum	94-1	137489	134915	134687	135697	1.15	cps
Molybdenum	95-1	240132	237979	236340	238150	0.80	cps
Molybdenum	96-1	256484	256456	251534	254825	1.12	cps
Molybdenum	97-1	151218	149659	148573	149817	0.89	cps
Neodymium	150-1	180	140	147	156	13.78	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	377681	379886	378041	378536	0.31	cps
Phosphorus	31-2	0	17	25	14	91.65	cps
Potassium	39-2	109474	110364	107709	109182	1.24	cps
Rhodium	103-1	6386465	6455130	6331867	6391154	0.97	cps
Rhodium	103-2	1844167	1838703	1790931	1824600	1.61	cps
Scandium	45-1	4199527	4176446	4181384	4185785	0.29	cps
Scandium	45-2	37670	37861	36284	37272	2.31	cps
Selenium	77-2	127	100	100	109	14.14	cps
Selenium	78-2	457	352	446	419	13.86	cps
Selenium	82-1	16982	17476	16877	17112	1.87	cps
Silicon	28-1	30157052	29830135	30208914	30065367	0.68	cps
Silver	109-1	541831	545403	545359	544198	0.38	cps
Silver	107-1	575654	574296	566041	571997	0.91	cps
Sodium	23-2	2076926	2033528	2060367	2056940	1.06	cps
Strontium	86-1	25153017	24962871	25004079	25039989	0.40	cps
Strontium	88-1	216465622	215128096	213782188	215125302	0.62	cps
Sulfur	34-1	824264	824068	823742	824025	0.03	cps
Terbium	159-1	7764189	7817455	7718941	7766862	0.63	cps
Terbium	159-2	1866877	1861409	1775938	1834742	2.78	cps
Thallium	203-1	354857	358537	351392	354929	1.01	cps
Thallium	205-1	851977	850084	833994	845352	1.17	cps
Tin	118-1	1925	1809	1842	1859	3.23	cps
Titanium	47-1	567	442	417	475	16.92	cps
Uranium	238-1	84704	83313	81315	83111	2.05	cps
Vanadium	51-2	453357	450857	451124	451779	0.30	cps
Yttrium	89-1	7456021	7377380	7466477	7433293	0.66	cps
Yttrium	89-2	253344	251993	245587	250308	1.66	cps
Zinc	66-2	106592	105988	105443	106008	0.54	cps
Zirconium	90-1	1533	1242	1500	1425	11.20	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-15RE	Instrumnet Name :	P8
Client Sample ID :	MCWYK3S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:05:58	DataFile Name :	109SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	375	358	372	3.42	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	50	44	10.82	cps
Antimony	121-1	2642	2617	2784	2681	3.35	cps
Arsenic	75-2	852	809	848	836	2.82	cps
Barium	135-1	384404	380267	384150	382940	0.61	cps
Barium	137-1	668450	660419	665372	664747	0.61	cps
Beryllium	9-1	56	56	83	65	24.74	cps
Bismuth	209-1	4262690	4295184	4222630	4260168	0.85	cps
Bismuth	209-2	1404987	1384052	1374303	1387781	1.13	cps
Boron	11-1	70398	69276	70541	70072	0.99	cps
Boron	10-1	15125	15367	15751	15414	2.05	cps
Cadmium	106-1	1375	1500	1333	1403	6.18	cps
Cadmium	108-1	46	79	54	60	29.05	cps
Cadmium	111-1	1218	1241	1233	1231	0.93	cps
Calcium	43-1	1858199	1810820	1853435	1840818	1.42	cps
Calcium	44-1	29889938	29451120	29700601	29680553	0.74	cps
Chromium	52-2	5865	6031	5968	5955	1.41	cps
Cobalt	59-2	247	240	270	252	6.25	cps
Copper	63-2	2204	2190	2087	2160	2.96	cps
Dysprosium	156-1	67	83	58	69	18.33	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	133	183	133	150	19.24	cps
Erbium	164-2	33	33	43	37	15.75	cps
Gadolinium	160-1	83	92	133	103	26.06	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	7461270	7471029	7452469	7461589	0.12	cps
Holmium	165-2	1922239	1905813	1916533	1914862	0.44	cps
Indium	115-1	6858950	6832918	6827287	6839718	0.25	cps
Indium	115-2	339813	334923	335640	336792	0.78	cps
Iron	56-2	7169	6930	6757	6952	2.97	cps
Iron	57-2	189	139	228	185	24.06	cps
Lead	206-1	2434	2456	2011	2300	10.89	cps
Lead	207-1	1911	1800	2011	1908	5.54	cps
Lead	208-1	9241	8879	8946	9022	2.13	cps
Lithium	6-1	798744	800170	807861	802258	0.61	cps
Magnesium	24-2	1629183	1590350	1612781	1610771	1.21	cps
Manganese	55-2	1477	1413	1373	1421	3.67	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	27078	27763	27846	27562	1.53	cps
Molybdenum	94-1	10388	9854	10054	10099	2.67	cps
Molybdenum	95-1	17762	17270	16986	17339	2.26	cps
Molybdenum	96-1	18856	18371	18513	18580	1.34	cps
Molybdenum	97-1	10947	11247	10496	10897	3.47	cps
Neodymium	150-1	73	67	40	60	29.40	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	1240	1063	1237	1180	8.56	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	24297	23696	24255	24083	1.39	cps
Rhodium	103-1	6418059	6361690	6341603	6373784	0.62	cps
Rhodium	103-2	1832795	1818249	1823002	1824682	0.41	cps
Scandium	45-1	4147085	4183364	4160805	4163751	0.44	cps
Scandium	45-2	36564	36491	36818	36625	0.47	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	15	20	15	17	19.26	cps
Selenium	82-1	496	556	439	497	11.83	cps
Silicon	28-1	35472206	35120287	35369904	35320799	0.51	cps
Silver	109-1	1784	2267	2092	2047	11.95	cps
Silver	107-1	2184	2275	2025	2161	5.85	cps
Sodium	23-2	1675249	1649668	1658654	1661190	0.78	cps
Strontium	86-1	11124769	11042520	11020034	11062441	0.50	cps
Strontium	88-1	96045175	95148065	95892156	95695132	0.50	cps
Sulfur	34-1	789395	779992	778783	782723	0.74	cps
Terbium	159-1	7795053	7843079	7868843	7835658	0.48	cps
Terbium	159-2	1897856	1853614	1873317	1874929	1.18	cps
Thallium	203-1	342	233	242	272	22.15	cps
Thallium	205-1	542	550	608	567	6.41	cps
Tin	118-1	1342	1383	1242	1322	5.51	cps
Titanium	47-1	600	600	467	556	13.86	cps
Uranium	238-1	91486	91134	91511	91377	0.23	cps
Vanadium	51-2	987	983	1030	1000	2.60	cps
Yttrium	89-1	7412961	7474091	7583378	7490144	1.15	cps
Yttrium	89-2	254572	251197	254817	253529	0.80	cps
Zinc	66-2	777	920	813	837	8.90	cps
Zirconium	90-1	883	808	875	856	4.81	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-16	Instrumnet Name :	P8
Client Sample ID :	MCWYK4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:09:07	DataFile Name :	110SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	275	183	247	22.44	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	25	39	32.73	cps
Antimony	121-1	2884	3184	3317	3128	7.10	cps
Arsenic	75-2	165	189	207	187	11.42	cps
Barium	135-1	310432	313059	304734	309408	1.38	cps
Barium	137-1	545744	538944	534509	539732	1.05	cps
Beryllium	9-1	78	56	39	57	33.99	cps
Bismuth	209-1	4276893	4283209	4272377	4277493	0.13	cps
Bismuth	209-2	1371875	1340791	1333450	1348705	1.51	cps
Boron	11-1	43500	44094	44111	43902	0.79	cps
Boron	10-1	9870	9278	9887	9679	3.58	cps
Cadmium	106-1	1500	1217	1233	1317	12.08	cps
Cadmium	108-1	13	29	17	19	44.61	cps
Cadmium	111-1	1075	848	906	943	12.49	cps
Calcium	43-1	1904691	1896840	1908471	1903334	0.31	cps
Calcium	44-1	30428034	30156661	30414260	30332985	0.50	cps
Chromium	52-2	1970	1974	2037	1994	1.88	cps
Cobalt	59-2	957	1033	953	981	4.61	cps
Copper	63-2	1730	1680	1763	1725	2.43	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	33	67	42	52.92	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	92	58	67	33.07	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	7427741	7424745	7351793	7401426	0.58	cps
Holmium	165-2	1906398	1854298	1856919	1872538	1.57	cps
Indium	115-1	6913479	6852034	6715634	6827049	1.48	cps
Indium	115-2	338177	327760	328158	331365	1.78	cps
Iron	56-2	10532	10732	10921	10728	1.81	cps
Iron	57-2	261	328	328	306	12.60	cps
Lead	206-1	589	522	511	541	7.78	cps
Lead	207-1	456	489	528	491	7.37	cps
Lead	208-1	2222	2122	2156	2167	2.35	cps
Lithium	6-1	798882	801152	799855	799963	0.14	cps
Magnesium	24-2	1411443	1433423	1454204	1433023	1.49	cps
Manganese	55-2	5058	5248	5048	5118	2.20	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	56385	56594	56200	56393	0.35	cps
Molybdenum	94-1	19865	21585	19849	20433	4.88	cps
Molybdenum	95-1	35757	35122	34737	35205	1.46	cps
Molybdenum	96-1	38873	38080	37511	38155	1.79	cps
Molybdenum	97-1	22110	22386	22152	22216	0.67	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1823	1567	1850	1747	8.96	cps
Phosphorus	31-2	17	8	33	19	65.47	cps
Potassium	39-2	32447	32121	34117	32895	3.26	cps
Rhodium	103-1	6439098	6279050	6287035	6335061	1.42	cps
Rhodium	103-2	1818765	1762875	1761444	1781028	1.84	cps
Scandium	45-1	4176083	4178569	4181898	4178850	0.07	cps
Scandium	45-2	37106	34666	35070	35614	3.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-88	-32	-118	-79	-54.84	cps
Silicon	28-1	31465229	31501375	31900360	31622321	0.76	cps
Silver	109-1	1684	1550	1742	1659	5.92	cps
Silver	107-1	1909	1859	1634	1800	8.14	cps
Sodium	23-2	1758750	1760258	1757207	1758738	0.09	cps
Strontium	86-1	7135400	7172891	7092861	7133717	0.56	cps
Strontium	88-1	61505862	61329276	61297372	61377503	0.18	cps
Sulfur	34-1	739672	736993	735170	737279	0.31	cps
Terbium	159-1	7867520	7867520	7700857	7811966	1.23	cps
Terbium	159-2	1872096	1773736	1795116	1813650	2.85	cps
Thallium	203-1	117	167	100	128	27.15	cps
Thallium	205-1	292	342	225	286	20.46	cps
Tin	118-1	1108	908	992	1003	10.02	cps
Titanium	47-1	442	483	483	469	5.12	cps
Uranium	238-1	89983	88270	89438	89230	0.98	cps
Vanadium	51-2	1013	1007	937	986	4.31	cps
Yttrium	89-1	7462034	7458016	7365295	7428449	0.74	cps
Yttrium	89-2	252024	243331	245039	246798	1.87	cps
Zinc	66-2	260	250	267	259	3.24	cps
Zirconium	90-1	833	875	800	836	4.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-17	Instrumnet Name :	P8
Client Sample ID :	MCWYK5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:12:13	DataFile Name :	111SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	158	183	169	7.51	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.33	cps
Antimony	121-1	2359	2409	2867	2545	11.01	cps
Arsenic	75-2	789	824	852	822	3.84	cps
Barium	135-1	386125	377471	389942	384512	1.66	cps
Barium	137-1	668516	657167	684650	670111	2.06	cps
Beryllium	9-1	72	39	78	63	33.40	cps
Bismuth	209-1	4308541	4303394	2419032	3676989	29.63	cps
Bismuth	209-2	1369665	1380178	1377218	1375687	0.39	cps
Boron	11-1	69552	69151	69595	69433	0.35	cps
Boron	10-1	15067	15501	15484	15350	1.60	cps
Cadmium	106-1	1425	1250	792	1156	28.30	cps
Cadmium	108-1	17	33	58	36	58.08	cps
Cadmium	111-1	1003	893	551	816	28.90	cps
Calcium	43-1	1831708	1834061	1895680	1853816	1.96	cps
Calcium	44-1	29667144	29572893	30355050	29865029	1.43	cps
Chromium	52-2	5464	5444	5508	5472	0.59	cps
Cobalt	59-2	197	203	240	213	10.94	cps
Copper	63-2	1940	2024	2157	2040	5.36	cps
Dysprosium	156-1	33	92	25	50	72.65	cps
Dysprosium	156-2	17	13	23	18	28.64	cps
Erbium	164-1	125	133	142	133	6.25	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	58	142	67	89	51.63	cps
Gadolinium	160-2	23	23	10	19	40.75	cps
Holmium	165-1	7439780	7454231	4175311	6356441	29.72	cps
Holmium	165-2	1893358	1908881	1912381	1904873	0.53	cps
Indium	115-1	6938095	6842164	3810389	5863549	30.34	cps
Indium	115-2	336333	339151	337798	337761	0.42	cps
Iron	56-2	5468	5290	5557	5438	2.50	cps
Iron	57-2	144	228	150	174	26.77	cps
Lead	206-1	494	500	406	467	11.36	cps
Lead	207-1	483	472	350	435	17.00	cps
Lead	208-1	2006	2139	1633	1926	13.60	cps
Lithium	6-1	817110	809492	493399	706667	26.14	cps
Magnesium	24-2	1601694	1594292	1640189	1612059	1.53	cps
Manganese	55-2	1370	1450	1407	1409	2.84	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	27687	27404	27721	27604	0.63	cps
Molybdenum	94-1	9779	10129	10788	10232	5.01	cps
Molybdenum	95-1	17328	16861	17570	17253	2.09	cps
Molybdenum	96-1	18797	18781	18947	18842	0.49	cps
Molybdenum	97-1	10896	11072	11697	11222	3.75	cps
Neodymium	150-1	67	33	60	53	33.08	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	930	883	957	923	4.02	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	22903	23187	23579	23223	1.46	cps
Rhodium	103-1	6422594	6373412	3585474	5460493	29.74	cps
Rhodium	103-2	1812013	1831870	1805410	1816431	0.76	cps
Scandium	45-1	4192575	4143083	2382324	3572661	28.86	cps
Scandium	45-2	36989	37383	37193	37188	0.53	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	9	20	19	16	37.09	cps
Selenium	82-1	411	326	469	402	17.82	cps
Silicon	28-1	35413655	35143127	35945008	35500597	1.15	cps
Silver	109-1	1742	1659	1867	1756	5.97	cps
Silver	107-1	1692	1734	1450	1625	9.41	cps
Sodium	23-2	1653404	1671734	1657633	1660924	0.58	cps
Strontium	86-1	10972376	10916535	11405618	11098176	2.41	cps
Strontium	88-1	94882513	93868842	97499558	95416971	1.96	cps
Sulfur	34-1	796951	787809	791022	791927	0.59	cps
Terbium	159-1	7881211	7856878	4417923	6718670	29.66	cps
Terbium	159-2	1880032	1881916	1875289	1879079	0.18	cps
Thallium	203-1	200	242	217	219	9.56	cps
Thallium	205-1	525	617	558	567	8.19	cps
Tin	118-1	1183	1217	1092	1164	5.56	cps
Titanium	47-1	383	517	567	489	19.39	cps
Uranium	238-1	91293	91560	94862	92572	2.15	cps
Vanadium	51-2	1010	1060	990	1020	3.54	cps
Yttrium	89-1	7551373	7461746	4142146	6385088	30.43	cps
Yttrium	89-2	252037	251871	253819	252576	0.43	cps
Zinc	66-2	373	323	400	366	10.65	cps
Zirconium	90-1	883	1042	658	861	22.37	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-18	Instrumnet Name :	P8
Client Sample ID :	MCWYK6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:15:21	DataFile Name :	112SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	183	601	314	79.14	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	33	44	43.31	cps
Antimony	121-1	2434	2475	2459	2456	0.85	cps
Arsenic	75-2	315	220	263	266	17.78	cps
Barium	135-1	679199	670849	671012	673687	0.71	cps
Barium	137-1	1178718	1162349	1161451	1167506	0.83	cps
Beryllium	9-1	83	94	89	89	6.25	cps
Bismuth	209-1	4185192	4202362	4133622	4173725	0.86	cps
Bismuth	209-2	1357658	1373013	1275966	1335546	3.91	cps
Boron	11-1	150564	153809	153961	152778	1.26	cps
Boron	10-1	31878	33072	32955	32635	2.02	cps
Cadmium	106-1	1750	1842	1934	1842	4.98	cps
Cadmium	108-1	513	458	483	485	5.59	cps
Cadmium	111-1	883	998	1057	979	9.02	cps
Calcium	43-1	3037872	3005556	2998915	3014114	0.69	cps
Calcium	44-1	49127280	48817082	48931884	48958749	0.32	cps
Chromium	52-2	22084	21380	21470	21645	1.77	cps
Cobalt	59-2	1317	1323	1333	1325	0.63	cps
Copper	63-2	21991	21928	21938	21952	0.16	cps
Dysprosium	156-1	83	58	50	64	27.15	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	117	200	183	167	26.46	cps
Erbium	164-2	43	33	30	36	19.51	cps
Gadolinium	160-1	133	33	142	103	58.66	cps
Gadolinium	160-2	17	27	53	32	58.81	cps
Holmium	165-1	7426463	7416087	7452216	7431588	0.25	cps
Holmium	165-2	1903603	1926764	1804837	1878402	3.45	cps
Indium	115-1	6851878	6859528	6817717	6843041	0.33	cps
Indium	115-2	339310	336190	320190	331897	3.09	cps
Iron	56-2	5540	5462	5390	5464	1.37	cps
Iron	57-2	222	217	228	222	2.50	cps
Lead	206-1	461	500	411	457	9.74	cps
Lead	207-1	428	461	483	457	6.11	cps
Lead	208-1	1778	2106	1806	1896	9.59	cps
Lithium	6-1	804503	805905	797817	802742	0.54	cps
Magnesium	24-2	2240163	2250196	2234709	2241690	0.35	cps
Manganese	55-2	3104	3040	3207	3117	2.70	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3509	3451	3617	3526	2.40	cps
Molybdenum	94-1	1842	1909	1875	1875	1.78	cps
Molybdenum	95-1	2284	2542	2100	2309	9.61	cps
Molybdenum	96-1	3000	2784	2442	2742	10.27	cps
Molybdenum	97-1	1684	1517	1625	1609	5.26	cps
Neodymium	150-1	73	100	80	84	16.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5278	4908	5021	5069	3.74	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	51638	52633	51462	51911	1.22	cps
Rhodium	103-1	6348094	6291223	6296741	6312019	0.50	cps
Rhodium	103-2	1819462	1822346	1677790	1773199	4.66	cps
Scandium	45-1	4171634	4202620	4128251	4167501	0.90	cps
Scandium	45-2	37243	36551	34857	36217	3.39	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	2	11	6	75.49	cps
Selenium	82-1	180	283	261	241	22.56	cps
Silicon	28-1	40570762	40738452	40617863	40642359	0.21	cps
Silver	109-1	2117	2384	1867	2123	12.18	cps
Silver	107-1	2142	2175	2509	2275	8.91	cps
Sodium	23-2	6910589	6930405	6923412	6921469	0.15	cps
Strontium	86-1	8430213	8357208	8434738	8407386	0.52	cps
Strontium	88-1	73086522	71765277	71954952	72268917	0.99	cps
Sulfur	34-1	554984	553370	557307	555221	0.36	cps
Terbium	159-1	7838262	7865329	7801453	7835015	0.41	cps
Terbium	159-2	1895594	1889842	1749142	1844859	4.50	cps
Thallium	203-1	83	175	133	131	35.15	cps
Thallium	205-1	167	208	183	186	11.27	cps
Tin	118-1	1108	992	1208	1103	9.83	cps
Titanium	47-1	667	733	642	681	6.96	cps
Uranium	238-1	241718	235095	234117	236977	1.74	cps
Vanadium	51-2	983	943	983	970	2.38	cps
Yttrium	89-1	7607713	7395576	7447800	7483696	1.48	cps
Yttrium	89-2	254351	254293	239086	249243	3.53	cps
Zinc	66-2	237	247	237	240	2.41	cps
Zirconium	90-1	1767	1892	1750	1803	4.30	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-19	Instrumnet Name :	P8
Client Sample ID :	MCWYK7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:18:28	DataFile Name :	113SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	350	450	383	15.06	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16857	13992	14617	15155	9.94	cps
Antimony	121-1	958	792	842	864	9.90	cps
Arsenic	75-2	635	609	806	683	15.61	cps
Barium	135-1	488686	483160	474591	482146	1.47	cps
Barium	137-1	841829	840655	824437	835640	1.16	cps
Beryllium	9-1	183	144	183	170	13.18	cps
Bismuth	209-1	4440362	4324698	4347576	4370879	1.40	cps
Bismuth	209-2	1447125	1442903	1436887	1442305	0.36	cps
Boron	11-1	84097	84189	84931	84405	0.54	cps
Boron	10-1	18179	18012	18479	18223	1.30	cps
Cadmium	106-1	1700	1433	1433	1522	10.11	cps
Cadmium	108-1	92	138	125	118	20.07	cps
Cadmium	111-1	1226	978	962	1055	14.03	cps
Calcium	43-1	1964274	1969790	1988029	1974031	0.63	cps
Calcium	44-1	31943471	31691663	31758004	31797713	0.41	cps
Chromium	52-2	5588	6118	5718	5808	4.76	cps
Cobalt	59-2	793	920	907	873	7.97	cps
Copper	63-2	7255	7432	9639	8109	16.38	cps
Dysprosium	156-1	3451	3484	3701	3545	3.83	cps
Dysprosium	156-2	837	777	770	794	4.62	cps
Erbium	164-1	2050	2534	2525	2370	11.68	cps
Erbium	164-2	967	617	603	729	28.30	cps
Gadolinium	160-1	3359	3226	3101	3228	4.01	cps
Gadolinium	160-2	1097	977	1010	1028	6.03	cps
Holmium	165-1	7696889	7597766	7496672	7597109	1.32	cps
Holmium	165-2	1962270	1954696	1983199	1966721	0.75	cps
Indium	115-1	6989868	6915197	7081663	6995576	1.19	cps
Indium	115-2	348471	350913	348281	349222	0.42	cps
Iron	56-2	607008	625495	617289	616597	1.50	cps
Iron	57-2	15003	15688	15583	15424	2.39	cps
Lead	206-1	6174	6358	5913	6148	3.64	cps
Lead	207-1	4929	4779	5051	4920	2.77	cps
Lead	208-1	22764	22603	22358	22575	0.91	cps
Lithium	6-1	792485	785565	786051	788033	0.49	cps
Magnesium	24-2	1622580	1629165	1621150	1624298	0.26	cps
Manganese	55-2	8403	8256	8269	8309	0.98	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25124	24206	24039	24456	2.39	cps
Molybdenum	94-1	17412	17856	21400	18889	11.57	cps
Molybdenum	95-1	15368	15935	15393	15565	2.06	cps
Molybdenum	96-1	19098	18390	17621	18369	4.02	cps
Molybdenum	97-1	10304	9337	9713	9785	4.98	cps
Neodymium	150-1	5735	5475	5862	5690	3.47	cps
Neodymium	150-2	1003	987	993	995	0.84	cps
Nickel	60-2	4821	4574	4834	4743	3.09	cps
Phosphorus	31-2	33	8	58	33	75.02	cps
Potassium	39-2	28070	28137	28413	28207	0.64	cps
Rhodium	103-1	6540728	6356530	6504333	6467197	1.51	cps
Rhodium	103-2	1892613	1848019	1883312	1874648	1.25	cps
Scandium	45-1	4218800	4238899	4198331	4218676	0.48	cps
Scandium	45-2	37834	37450	37146	37477	0.92	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	9	4	7	7	41.70	cps
Selenium	82-1	-31	26	5	0	-13101.17	cps
Silicon	28-1	49602221	48930418	51188628	49907089	2.32	cps
Silver	109-1	6301	275	375	2317	148.93	cps
Silver	107-1	442	625	383	483	26.09	cps
Sodium	23-2	1897200	1888092	1876012	1887102	0.56	cps
Strontium	86-1	11609152	11510110	11371670	11496977	1.04	cps
Strontium	88-1	100490290	99670067	98716908	99625755	0.89	cps
Sulfur	34-1	697256	694279	699500	697011	0.38	cps
Terbium	159-1	8030821	7947191	8101172	8026394	0.96	cps
Terbium	159-2	1937207	1931174	1917124	1928502	0.53	cps
Thallium	203-1	167	117	108	131	24.17	cps
Thallium	205-1	267	375	308	317	17.26	cps
Tin	118-1	2092	1834	1667	1864	11.49	cps
Titanium	47-1	51593	42221	39855	44557	13.93	cps
Uranium	238-1	128152	126134	126735	127007	0.82	cps
Vanadium	51-2	1673	1643	1617	1645	1.72	cps
Yttrium	89-1	7671762	7630621	7637713	7646699	0.29	cps
Yttrium	89-2	261966	261451	262590	262002	0.22	cps
Zinc	66-2	1924	1743	2027	1898	7.56	cps
Zirconium	90-1	25768	37752	34543	32688	18.98	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-01RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:21:36	DataFile Name :	114SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5835	5360	5468	5555	4.49	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	450	592	575	20.45	cps
Antimony	121-1	950	875	875	900	4.81	cps
Arsenic	75-2	900	822	913	878	5.59	cps
Barium	135-1	461630	453057	451845	455511	1.17	cps
Barium	137-1	791710	788164	779323	786399	0.81	cps
Beryllium	9-1	78	39	56	57	33.99	cps
Bismuth	209-1	4407892	4192496	4358586	4319658	2.61	cps
Bismuth	209-2	1450568	1441378	1449912	1447286	0.35	cps
Boron	11-1	131328	133633	136502	133821	1.94	cps
Boron	10-1	29063	29940	29164	29389	1.63	cps
Cadmium	106-1	1492	1584	1275	1450	10.92	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Cadmium	111-1	1121	1169	953	1081	10.49	cps
Calcium	43-1	1854568	1845116	1858751	1852812	0.38	cps
Calcium	44-1	29677853	29320826	29352748	29450475	0.67	cps
Chromium	52-2	2057	1947	1887	1964	4.39	cps
Cobalt	59-2	703	693	583	660	10.09	cps
Copper	63-2	2960	2944	2977	2960	0.56	cps
Dysprosium	156-1	1408	1275	1359	1347	5.00	cps
Dysprosium	156-2	363	390	403	386	5.28	cps
Erbium	164-1	1208	1150	1142	1167	3.11	cps
Erbium	164-2	300	257	283	280	7.81	cps
Gadolinium	160-1	1317	1350	1292	1320	2.22	cps
Gadolinium	160-2	420	387	387	398	4.84	cps
Holmium	165-1	7583876	7314706	7506519	7468367	1.86	cps
Holmium	165-2	1987780	1991597	1986349	1988575	0.14	cps
Indium	115-1	7027265	6808478	6921786	6919176	1.58	cps
Indium	115-2	359836	354588	349558	354661	1.45	cps
Iron	56-2	60103	60935	60591	60543	0.69	cps
Iron	57-2	1495	1734	1661	1630	7.52	cps
Lead	206-1	3312	3406	3328	3349	1.51	cps
Lead	207-1	3184	3145	2862	3063	5.74	cps
Lead	208-1	13575	13804	13164	13514	2.40	cps
Lithium	6-1	777302	749518	770569	765796	1.89	cps
Magnesium	24-2	1470087	1465888	1471149	1469041	0.19	cps
Manganese	55-2	6588	6282	6015	6295	4.56	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	57063	55850	56670	56527	1.09	cps
Molybdenum	94-1	21426	20667	21159	21084	1.83	cps
Molybdenum	95-1	35882	34987	34988	35286	1.46	cps
Molybdenum	96-1	38330	38264	37729	38107	0.87	cps
Molybdenum	97-1	21693	22152	21326	21724	1.91	cps
Neodymium	150-1	2900	2914	3381	3065	8.92	cps
Neodymium	150-2	460	507	510	492	5.68	cps
Nickel	60-2	3154	3257	3287	3233	2.16	cps
Phosphorus	31-2	25	33	8	22	57.30	cps
Potassium	39-2	54691	55979	54406	55025	1.52	cps
Rhodium	103-1	6522382	6280739	6486785	6429969	2.03	cps
Rhodium	103-2	1899277	1886263	1896849	1894130	0.37	cps
Scandium	45-1	4306332	4142678	4252618	4233876	1.97	cps
Scandium	45-2	38225	37580	37751	37852	0.88	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	5	-22	-30	-16	-114.51	cps
Silicon	28-1	31311450	32266856	31121927	31566744	1.94	cps
Silver	109-1	208	225	217	217	3.84	cps
Silver	107-1	292	358	258	303	16.82	cps
Sodium	23-2	2024420	2026992	1999082	2016831	0.76	cps
Strontium	86-1	19003684	19137143	18862705	19001177	0.72	cps
Strontium	88-1	163269512	163695558	163945925	163636998	0.21	cps
Sulfur	34-1	721227	721274	718458	720320	0.22	cps
Terbium	159-1	7971415	7685452	7942266	7866377	2.00	cps
Terbium	159-2	1981155	1942955	1947532	1957214	1.07	cps
Thallium	203-1	233	117	158	169	34.89	cps
Thallium	205-1	400	375	342	372	7.86	cps
Tin	118-1	1842	2117	1784	1914	9.30	cps
Titanium	47-1	1992	7340	1775	3703	85.14	cps
Uranium	238-1	99261	98481	96868	98203	1.24	cps
Vanadium	51-2	897	843	930	890	4.91	cps
Yttrium	89-1	7712470	7432583	7568807	7571287	1.85	cps
Yttrium	89-2	266202	264251	262834	264429	0.64	cps
Zinc	66-2	783	690	860	778	10.95	cps
Zirconium	90-1	3301	3403	2675	3126	12.59	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-02RE	Instrumnet Name :	P8
Client Sample ID :	MCWYG3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:24:44	DataFile Name :	115SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	758	467	633	619	23.62	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	83	64	32.83	cps
Antimony	121-1	367	442	258	356	25.92	cps
Arsenic	75-2	28	33	24	28	16.41	cps
Barium	135-1	132811	132685	128824	131440	1.72	cps
Barium	137-1	229645	229909	226032	228529	0.95	cps
Beryllium	9-1	61	44	56	54	15.80	cps
Bismuth	209-1	4035474	4096803	4059782	4064019	0.76	cps
Bismuth	209-2	1373226	1353999	1362476	1363234	0.71	cps
Boron	11-1	18463	18646	18396	18502	0.70	cps
Boron	10-1	4001	3976	4001	3992	0.36	cps
Cadmium	106-1	1300	1625	1242	1389	14.87	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Cadmium	111-1	944	1151	901	999	13.40	cps
Calcium	43-1	151332	152512	151240	151695	0.47	cps
Calcium	44-1	2575214	2564682	2588972	2576289	0.47	cps
Chromium	52-2	920	957	1033	970	5.96	cps
Cobalt	59-2	167	173	190	177	6.80	cps
Copper	63-2	8219	7912	8253	8128	2.31	cps
Dysprosium	156-1	58	58	0	39	86.60	cps
Dysprosium	156-2	10	17	27	18	47.19	cps
Erbium	164-1	67	50	125	81	48.89	cps
Erbium	164-2	20	27	13	20	33.35	cps
Gadolinium	160-1	150	67	108	108	38.46	cps
Gadolinium	160-2	13	23	30	22	37.76	cps
Holmium	165-1	7018417	6968045	7039929	7008797	0.53	cps
Holmium	165-2	1892438	1847415	1857731	1865861	1.26	cps
Indium	115-1	6510235	6581685	6526126	6539348	0.57	cps
Indium	115-2	333236	332290	335558	333695	0.50	cps
Iron	56-2	5868	5640	5718	5742	2.02	cps
Iron	57-2	172	150	183	169	10.07	cps
Lead	206-1	578	383	456	472	20.81	cps
Lead	207-1	367	522	394	428	19.39	cps
Lead	208-1	1806	1828	1900	1845	2.68	cps
Lithium	6-1	724390	725066	724519	724658	0.05	cps
Magnesium	24-2	79857	80185	82195	80746	1.57	cps
Manganese	55-2	202017	201197	201463	201559	0.21	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	875	733	992	867	14.93	cps
Molybdenum	94-1	600	583	658	614	6.42	cps
Molybdenum	95-1	583	725	517	608	17.49	cps
Molybdenum	96-1	667	808	908	795	15.29	cps
Molybdenum	97-1	650	567	592	603	7.10	cps
Neodymium	150-1	33	33	33	33	0.00	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	570	493	633	566	12.40	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	8753	8761	8144	8553	4.14	cps
Rhodium	103-1	6215688	6209853	6170519	6198687	0.40	cps
Rhodium	103-2	1829189	1810875	1787470	1809178	1.16	cps
Scandium	45-1	3936905	4011948	3972948	3973934	0.94	cps
Scandium	45-2	35729	35829	36254	35937	0.78	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	-22	-78	-40	-46	-61.12	cps
Silicon	28-1	2276735	2283942	2265158	2275278	0.42	cps
Silver	109-1	233	350	258	281	21.89	cps
Silver	107-1	267	258	283	269	4.72	cps
Sodium	23-2	149292	148516	150818	149542	0.78	cps
Strontium	86-1	151725	153620	151240	152195	0.83	cps
Strontium	88-1	1294092	1300011	1296053	1296719	0.23	cps
Sulfur	34-1	379263	376069	378134	377822	0.43	cps
Terbium	159-1	7373973	7476382	7413613	7421323	0.70	cps
Terbium	159-2	1845863	1804540	1831847	1827416	1.15	cps
Thallium	203-1	167	242	158	189	24.30	cps
Thallium	205-1	450	358	367	392	12.94	cps
Tin	118-1	658	692	717	689	4.25	cps
Titanium	47-1	217	233	250	233	7.14	cps
Uranium	238-1	1158	833	1000	997	16.30	cps
Vanadium	51-2	370	390	347	369	5.88	cps
Yttrium	89-1	7057999	7152705	7077717	7096140	0.70	cps
Yttrium	89-2	247977	244136	248618	246910	0.98	cps
Zinc	66-2	113	73	70	86	28.19	cps
Zirconium	90-1	683	700	767	717	6.15	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4377-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYJ0	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:27:53	DataFile Name :	116SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	142	192	164	15.53	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	0	6	173.21	cps
Antimony	121-1	300	233	300	278	13.86	cps
Arsenic	75-2	26	44	54	41	34.19	cps
Barium	135-1	132657	134897	135454	134336	1.10	cps
Barium	137-1	232249	231582	233657	232496	0.46	cps
Beryllium	9-1	50	33	61	48	29.04	cps
Bismuth	209-1	4133634	4114855	4083017	4110502	0.62	cps
Bismuth	209-2	1378419	1303871	1368048	1350113	2.99	cps
Boron	11-1	16343	16552	16902	16599	1.70	cps
Boron	10-1	3717	3201	3742	3553	8.61	cps
Cadmium	106-1	1250	1417	1425	1364	7.24	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Cadmium	111-1	891	1026	1024	981	7.88	cps
Calcium	43-1	156369	155856	156200	156141	0.17	cps
Calcium	44-1	2663415	2623341	2630412	2639056	0.81	cps
Chromium	52-2	987	1020	920	976	5.22	cps
Cobalt	59-2	177	170	210	186	11.55	cps
Copper	63-2	7529	7809	7849	7729	2.26	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	92	117	58	89	32.92	cps
Erbium	164-2	13	17	37	22	56.80	cps
Gadolinium	160-1	42	83	92	72	37.09	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6957097	7024486	6943923	6975169	0.62	cps
Holmium	165-2	1900577	1781514	1890910	1857667	3.56	cps
Indium	115-1	6499434	6490322	6409506	6466421	0.77	cps
Indium	115-2	338341	317773	333609	329908	3.27	cps
Iron	56-2	3840	3206	3573	3539	8.99	cps
Iron	57-2	100	111	72	94	21.21	cps
Lead	206-1	417	350	361	376	9.50	cps
Lead	207-1	317	361	483	387	22.30	cps
Lead	208-1	1461	1500	1595	1519	4.52	cps
Lithium	6-1	732335	724456	721784	726192	0.76	cps
Magnesium	24-2	82740	83553	82096	82797	0.88	cps
Manganese	55-2	198103	196524	195501	196710	0.67	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	817	817	850	828	2.32	cps
Molybdenum	94-1	617	583	533	578	7.26	cps
Molybdenum	95-1	550	408	508	489	14.89	cps
Molybdenum	96-1	792	658	833	761	12.01	cps
Molybdenum	97-1	650	583	500	578	13.01	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	487	527	547	520	5.88	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	8795	8436	8736	8656	2.22	cps
Rhodium	103-1	6201529	6277586	6268218	6249111	0.66	cps
Rhodium	103-2	1845796	1700755	1832683	1793078	4.47	cps
Scandium	45-1	4014687	3947700	3952268	3971552	0.94	cps
Scandium	45-2	36016	34994	36197	35736	1.82	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	15	4	2	7	103.29	cps
Selenium	82-1	-88	-263	-139	-163	-55.14	cps
Silicon	28-1	2304413	2296760	2295784	2298986	0.21	cps
Silver	109-1	242	225	250	239	5.33	cps
Silver	107-1	258	217	300	258	16.13	cps
Sodium	23-2	152156	152585	153890	152877	0.59	cps
Strontium	86-1	153917	156167	155862	155316	0.79	cps
Strontium	88-1	1331797	1327376	1319958	1326377	0.45	cps
Sulfur	34-1	386785	389088	389670	388514	0.39	cps
Terbium	159-1	7481557	7491266	7338358	7437060	1.15	cps
Terbium	159-2	1861243	1738371	1812601	1804072	3.43	cps
Thallium	203-1	225	200	133	186	25.46	cps
Thallium	205-1	283	392	325	333	16.39	cps
Tin	118-1	658	658	583	633	6.84	cps
Titanium	47-1	192	167	233	197	17.08	cps
Uranium	238-1	942	1308	958	1070	19.36	cps
Vanadium	51-2	257	313	290	287	9.94	cps
Yttrium	89-1	7153283	7069034	7030629	7084315	0.89	cps
Yttrium	89-2	251803	235331	249103	245412	3.60	cps
Zinc	66-2	47	127	100	91	44.71	cps
Zirconium	90-1	817	675	792	761	9.94	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	I4410-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MCWYK1	Dilution Factor :	20
Date & Time Acquired ::	2017-07-25 20:31:02	DataFile Name :	117SMPL_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	100	133	122	15.74	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377614	383709	382765	381362	0.86	cps
Antimony	121-1	5220217	5266674	5207623	5231505	0.59	cps
Arsenic	75-2	75603	77465	76443	76504	1.22	cps
Barium	135-1	5154848	5251768	5136454	5181023	1.20	cps
Barium	137-1	8908423	8897768	8918172	8908121	0.11	cps
Beryllium	9-1	650896	656284	645837	651005	0.80	cps
Bismuth	209-1	3933275	3963195	3988086	3961519	0.69	cps
Bismuth	209-2	1305588	1298714	1300418	1301573	0.28	cps
Boron	11-1	358683	364318	365154	362719	0.97	cps
Boron	10-1	77702	78163	80492	78786	1.90	cps
Cadmium	106-1	115659	115013	117198	115957	0.97	cps
Cadmium	108-1	78155	78267	80526	78982	1.69	cps
Cadmium	111-1	1126128	1144074	1135237	1135147	0.79	cps
Calcium	43-1	5923127	6020416	5993941	5979162	0.84	cps
Calcium	44-1	97272529	97968067	98468056	97902884	0.61	cps
Chromium	52-2	572893	578266	575183	575447	0.47	cps
Cobalt	59-2	1256707	1272428	1262211	1263782	0.63	cps
Copper	63-2	2074831	2061965	2061677	2066158	0.36	cps
Dysprosium	156-1	192	133	117	147	26.75	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	33	67	67	56	34.63	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	125	117	142	128	9.96	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	7038431	7093538	7031800	7054590	0.48	cps
Holmium	165-2	1839689	1886353	1861765	1862602	1.25	cps
Indium	115-1	6256437	6446194	6316963	6339865	1.53	cps
Indium	115-2	317801	323940	322857	321533	1.02	cps
Iron	56-2	91432691	93400488	92258141	92363773	1.07	cps
Iron	57-2	2325530	2338185	2356437	2340051	0.66	cps
Lead	206-1	2582977	2579925	2565762	2576221	0.36	cps
Lead	207-1	2316867	2363877	2359125	2346623	1.10	cps
Lead	208-1	10479750	10588846	10508085	10525560	0.54	cps
Lithium	6-1	692721	694827	699328	695626	0.49	cps
Magnesium	24-2	9385948	9548753	9401252	9445317	0.95	cps
Manganese	55-2	317517	323392	321180	320696	0.93	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3728538	3830872	3769111	3776174	1.36	cps
Molybdenum	94-1	4118925	4190299	4172957	4160727	0.89	cps
Molybdenum	95-1	2382716	2392277	2339065	2371353	1.20	cps
Molybdenum	96-1	3022958	2967798	3002175	2997644	0.93	cps
Molybdenum	97-1	1478243	1476472	1464814	1473176	0.50	cps
Neodymium	150-1	187	147	260	198	29.06	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	373133	370640	368036	370603	0.69	cps
Phosphorus	31-2	5785	5801	6268	5952	4.61	cps
Potassium	39-2	2990462	2995482	3060374	3015439	1.29	cps
Rhodium	103-1	5849001	5857744	5850465	5852403	0.08	cps
Rhodium	103-2	1721963	1717389	1728735	1722696	0.33	cps
Scandium	45-1	3932557	3989482	3968608	3963549	0.73	cps
Scandium	45-2	36785	36725	36929	36813	0.28	cps
Selenium	77-2	497	530	563	530	6.29	cps
Selenium	78-2	1717	1743	1726	1729	0.76	cps
Selenium	82-1	72217	72530	72470	72405	0.23	cps
Silicon	28-1	2266598	2331086	2296115	2297933	1.40	cps
Silver	109-1	5238332	5362712	5296831	5299292	1.17	cps
Silver	107-1	5526952	5569416	5613004	5569791	0.77	cps
Sodium	23-2	22730384	22861455	23012477	22868105	0.62	cps
Strontium	86-1	1535443	1556798	1529861	1540701	0.92	cps
Strontium	88-1	13038306	13023849	13063690	13041948	0.15	cps
Sulfur	34-1	703654	713741	704576	707324	0.79	cps
Terbium	159-1	7447742	7467291	7499739	7471591	0.35	cps
Terbium	159-2	1823625	1841973	1825853	1830484	0.55	cps
Thallium	203-1	3224740	3270925	3201904	3232523	1.09	cps
Thallium	205-1	7451861	7677124	7485187	7538057	1.61	cps
Tin	118-1	3631319	3722417	3631162	3661633	1.44	cps
Titanium	47-1	607743	612851	603548	608047	0.77	cps
Uranium	238-1	9548127	9482814	9470153	9500365	0.44	cps
Vanadium	51-2	411693	414057	414588	413446	0.37	cps
Yttrium	89-1	7106909	7160107	7134818	7133944	0.37	cps
Yttrium	89-2	247296	249580	248769	248548	0.47	cps
Zinc	66-2	194051	197521	197268	196280	0.99	cps
Zirconium	90-1	7701735	7703205	7791300	7732080	0.66	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P8
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:34:09	DataFile Name :	118CCV_P8072517-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1729144	1737874	1731339	1732786	0.26	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	0	14	124.91	cps
Antimony	121-1	3217	2959	2859	3012	6.14	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	42	58	50	50	16.67	cps
Barium	137-1	125	150	133	136	9.35	cps
Beryllium	9-1	106	78	89	91	15.41	cps
Bismuth	209-1	4156642	4180926	4099115	4145561	1.01	cps
Bismuth	209-2	1383295	1377357	1377063	1379238	0.25	cps
Boron	11-1	10546	9520	9562	9876	5.88	cps
Boron	10-1	2175	2325	1950	2150	8.78	cps
Cadmium	106-1	1392	1392	1233	1339	6.83	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	1000	1010	881	964	7.43	cps
Calcium	43-1	2859	3100	2892	2950	4.44	cps
Calcium	44-1	57109	56523	56255	56629	0.77	cps
Chromium	52-2	783	833	743	787	5.73	cps
Cobalt	59-2	20	43	20	28	48.49	cps
Copper	63-2	283	313	303	300	5.09	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	6954530	7035589	7025213	7005111	0.63	cps
Holmium	165-2	1887990	1867812	1847057	1867620	1.10	cps
Indium	115-1	6569279	6575925	6551532	6565578	0.19	cps
Indium	115-2	340312	335624	338220	338052	0.69	cps
Iron	56-2	3606	3528	3840	3658	4.43	cps
Iron	57-2	78	89	83	83	6.67	cps
Lead	206-1	617	467	622	569	15.52	cps
Lead	207-1	533	533	411	493	14.33	cps
Lead	208-1	2450	2233	2272	2319	4.98	cps
Lithium	6-1	730343	731851	729695	730630	0.15	cps
Magnesium	24-2	150	83	142	125	29.06	cps
Manganese	55-2	80	40	57	59	34.12	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	200	167	158	175	12.60	cps
Molybdenum	94-1	583	767	775	708	15.29	cps
Molybdenum	95-1	117	142	92	117	21.43	cps
Molybdenum	96-1	342	350	292	328	9.63	cps
Molybdenum	97-1	242	217	225	228	5.59	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	47	70	61	20.65	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	3526	3501	3175	3401	5.74	cps
Rhodium	103-1	6242030	6310889	6297673	6283531	0.58	cps
Rhodium	103-2	1835803	1813290	1839372	1829488	0.77	cps
Scandium	45-1	3958243	3990173	3980953	3976456	0.41	cps
Scandium	45-2	35846	36187	36578	36203	1.01	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	-176	-96	-163	-145	-29.73	cps
Silicon	28-1	378638	381450	380441	380176	0.37	cps
Silver	109-1	267	392	458	372	26.14	cps
Silver	107-1	375	467	408	417	11.14	cps
Sodium	23-2	6785	6860	6694	6780	1.23	cps
Strontium	86-1	1617	1575	1642	1611	2.09	cps
Strontium	88-1	775	850	1075	900	17.35	cps
Sulfur	34-1	378665	381131	377746	379181	0.46	cps
Terbium	159-1	7445920	7479680	7398502	7441367	0.55	cps
Terbium	159-2	1849027	1829919	1857920	1845622	0.78	cps
Thallium	203-1	492	442	475	469	5.42	cps
Thallium	205-1	1492	1192	1108	1264	15.95	cps
Tin	118-1	1325	1175	1150	1217	7.78	cps
Titanium	47-1	142	208	142	164	23.48	cps
Uranium	238-1	100	83	67	83	20.00	cps
Vanadium	51-2	33	7	13	18	78.05	cps
Yttrium	89-1	7076975	7099507	7096182	7090888	0.17	cps
Yttrium	89-2	249833	251089	251411	250778	0.33	cps
Zinc	66-2	73	57	57	62	15.46	cps
Zirconium	90-1	1859	1458	1617	1645	12.25	cps

LB Number :	LB89103	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P8
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 20:37:08	DataFile Name :	119CCBE_P8072517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	425	417	403	7.83	cps