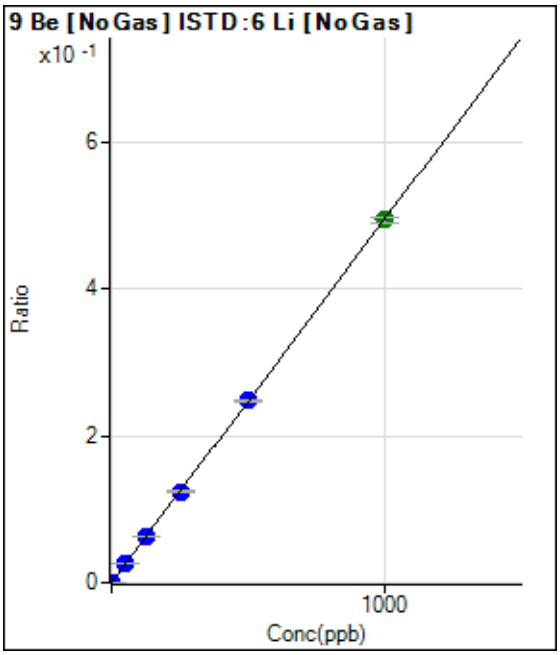
Batch Folder: D:\P8071618-MS .b\
Analysis File: P8071618-MS .batch.bin
DA Date-Time: 2018-07-16 19:51:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

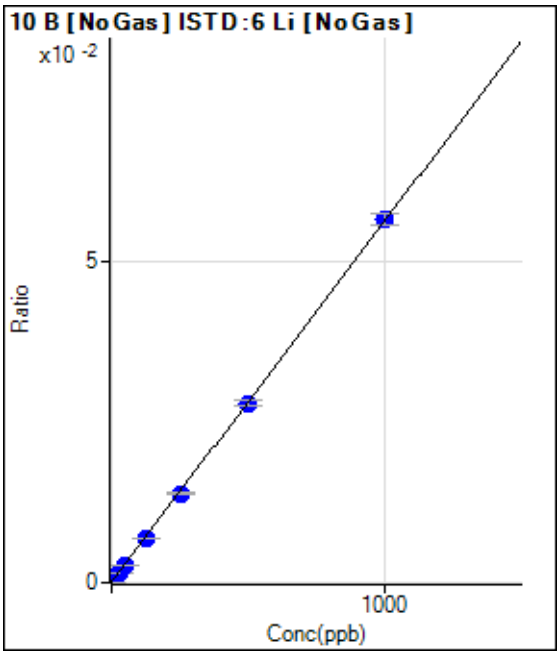
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_P8071618-MS.D	S00	2018-07-16 13:36:27
2			
3	006CALS_P8071618-MS.D	S02	2018-07-16 13:44:01
4	007CALS_P8071618-MS.D	S03	2018-07-16 13:47:43
5	008CALS_P8071618-MS.D	S04	2018-07-16 13:51:24
6	009CALS_P8071618-MS.D	S05	2018-07-16 13:55:00
7	010CALS_P8071618-MS.D	S06	2018-07-16 13:58:30
8	011CALS_P8071618-MS.D	S07	2018-07-16 14:01:56
9	012CALS_P8071618-MS.D	S08	2018-07-16 14:05:18



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	1.036	1237.13	0.0005	P	5.4
4	☐	50.000	51.049	58046.63	0.0253	P	1.3
5	☐	125.000	126.359	146197.70	0.0625	P	1.6
6	☐	250.000	251.292	282850.90	0.1243	P	0.8
7	☐	500.000	501.341	554283.94	0.2480	P	0.5
8	☐	1000.000	998.784	1072333.78	0.4940	A	1.8
9	☐			455.58	0.0002	P	3.6

y = 4.9462E-004 * x + 1.6984E-005
R = 1.0000
DL = 0.05128

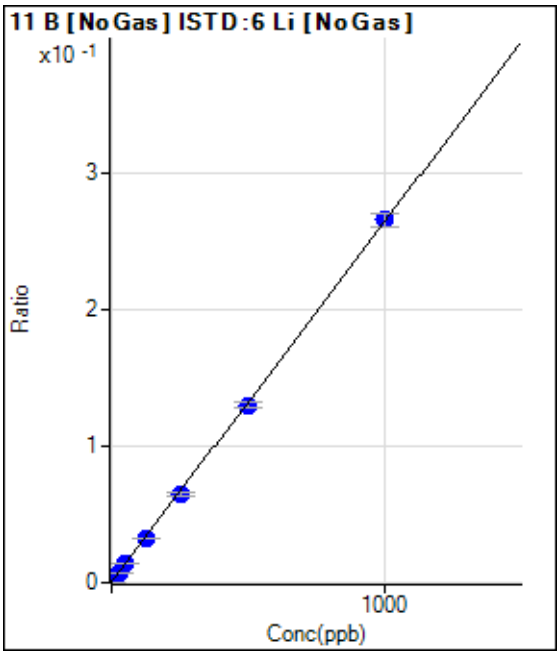
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0001	P	5.3
2	☐	2.500					
3	☐	25.000	23.978	3325.51	0.0014	P	3.9
4	☐	50.000	48.666	6454.52	0.0028	P	1.1
5	☐	125.000	121.432	16131.83	0.0069	P	1.1
6	☐	250.000	244.900	31468.94	0.0138	P	2.3
7	☐	500.000	496.190	62455.70	0.0279	P	2.9
8	☐	1000.000	1003.718	122516.11	0.0564	P	3.2
9	☐			6585.14	0.0030	P	8.5

y = 5.6163E-005 * x + 7.6306E-005
R = 1.0000
DL = 0.2153

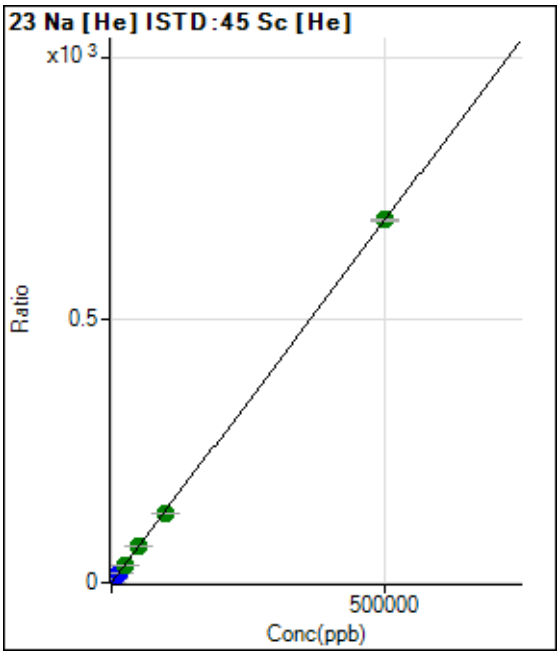
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.17	0.0004	P	6.9
2	☐	2.500					
3	☐	25.000	23.507	15369.95	0.0066	P	3.8
4	☐	50.000	50.815	31694.41	0.0138	P	3.3
5	☐	125.000	122.359	76507.02	0.0327	P	2.1
6	☐	250.000	245.097	148245.42	0.0652	P	3.5
7	☐	500.000	492.013	291514.87	0.1304	P	2.6
8	☐	1000.000	1005.546	577705.17	0.2662	P	3.4
9	☐			30035.36	0.0135	P	9.7

y = 2.6435E-004 * x + 3.6445E-004
R = 0.9999
DL = 0.2865

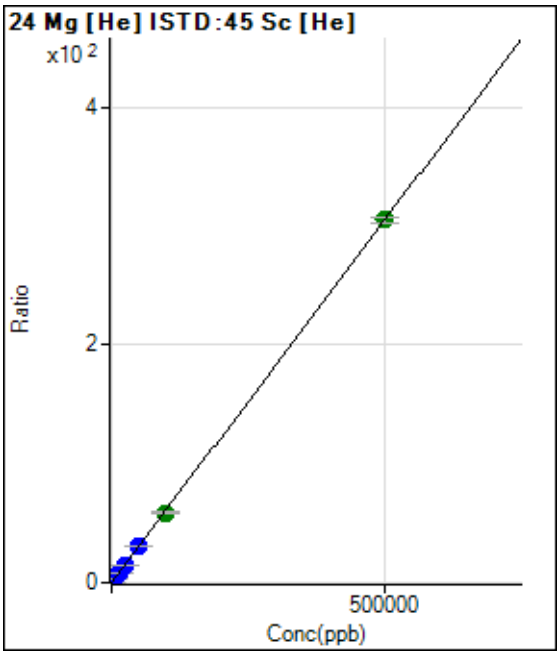
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3008.79	0.0820	P	7.1
2	☐	50.000					
3	☐	500.000	486.952	28036.82	0.7532	P	0.5
4	☐	5000.000	4991.924	255782.17	6.9631	P	0.9
5	☐	12500.000	12693.917	628410.51	17.5800	P	2.9
6	☐	25000.000	24876.509	1249812.37	34.3731	A	0.7
7	☐	50000.000	49797.980	2419143.07	68.7262	A	2.2
8	☐	100000.00	95242.350	4689833.57	131.3692	A	1.0
9	☐	500000.00	500973.15	26895463.80	690.6502	A	0.9

y = 0.0014 * x + 0.0820
R = 0.9999
DL = 12.74

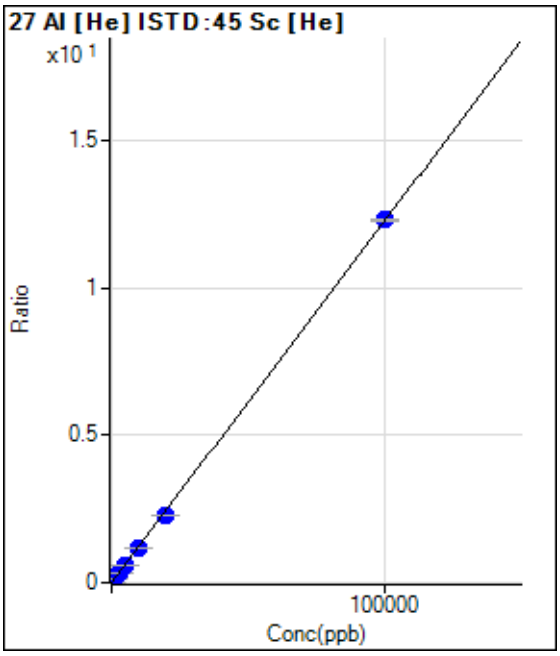
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0037	P	41.2
2	☐	50.000					
3	☐	500.000	466.858	10735.08	0.2885	P	4.3
4	☐	5000.000	4998.022	112114.91	3.0522	P	1.3
5	☐	12500.000	12904.890	281467.53	7.8748	P	3.6
6	☐	25000.000	24643.713	546605.06	15.0347	P	1.2
7	☐	50000.000	49612.327	1065372.14	30.2639	P	1.0
8	☐	100000.00	96622.532	2103977.98	58.9370	A	1.5
9	☐	500000.00	500722.00	11893361.38	305.4106	A	1.3

y = 6.0993E-004 * x + 0.0037
R = 1.0000
DL = 7.517

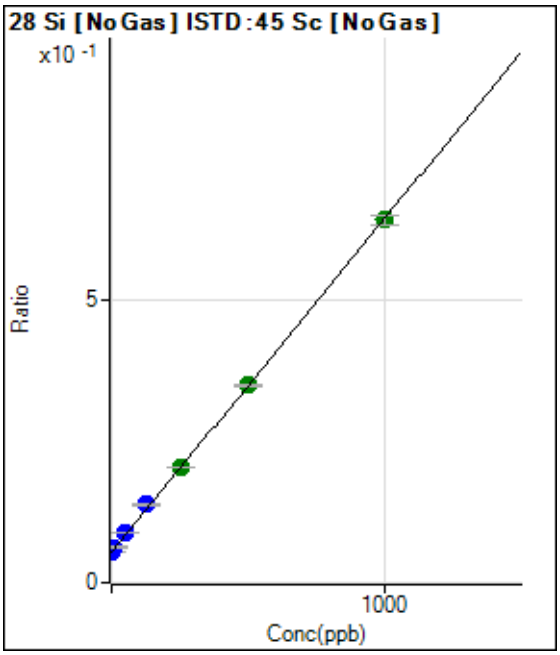
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0001	P	173.2
2	☐	2.000					
3	☐	20.000	25.500	119.45	0.0032	P	42.4
4	☐	1000.000	1038.830	4684.29	0.1276	P	5.7
5	☐	2500.000	2454.310	10771.22	0.3013	P	4.7
6	☐	5000.000	4842.657	21608.93	0.5944	P	2.4
7	☐	10000.000	9571.029	41350.29	1.1747	P	2.5
8	☐	20000.000	18456.508	80868.92	2.2653	P	1.0
9	☐	100000.00	100360.21	479674.75	12.3173	P	0.2

y = 1.2273E-004 * x + 7.6421E-005
R = 0.9999
DL = 3.236

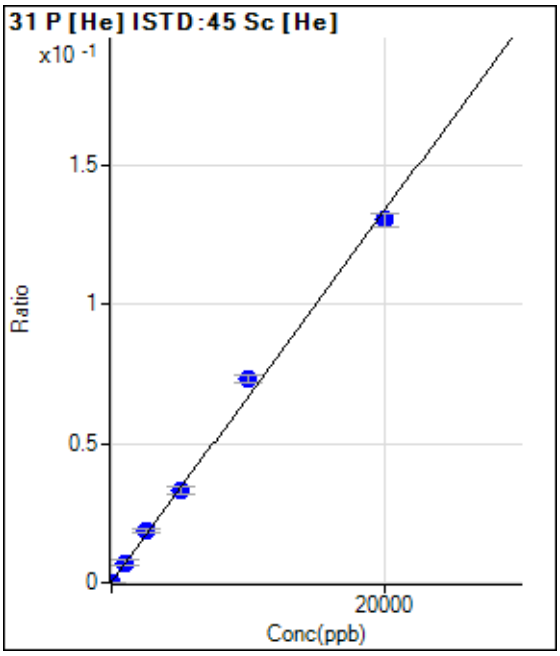
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	329012.57	0.0542	P	0.5
2	☐	1.000					
3	☐	10.000	14.579	382855.52	0.0629	P	1.4
4	☐	50.000	58.728	534097.39	0.0890	P	1.7
5	☐	125.000	142.078	845611.11	0.1383	P	1.7
6	☐	250.000	253.984	1240687.76	0.2045	A	0.6
7	☐	500.000	499.819	2086538.78	0.3500	A	1.0
8	☐	1000.000	996.478	3697623.17	0.6438	A	2.7
9	☐			397730.30	0.0660	P	2.1

y = 5.9170E-004 * x + 0.0542
R = 0.9999
DL = 1.508

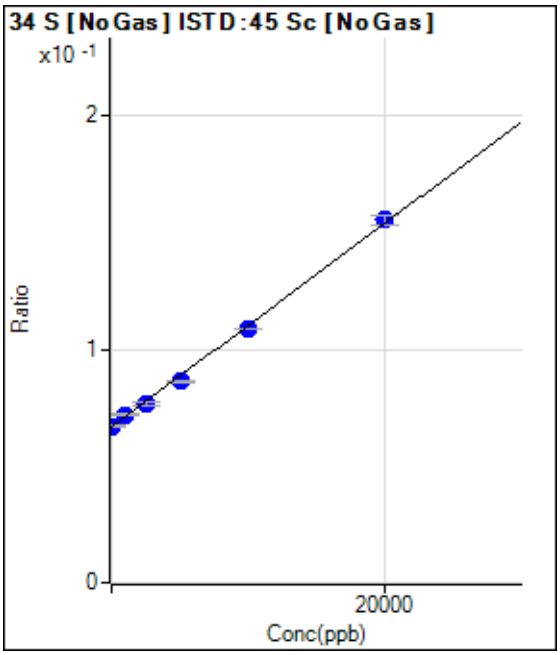
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-5.421	5.55	0.0002	P	86.6
2	☐	0.000					
3	☐	0.000	5.421	8.33	0.0002	P	99.9
4	☐	1000.000	1039.979	261.13	0.0071	P	25.6
5	☐	2500.000	2792.424	672.27	0.0188	P	6.9
6	☐	5000.000	4951.454	1208.44	0.0332	P	8.5
7	☐	10000.000	10940.826	2575.36	0.0732	P	3.9
8	☐	20000.000	19503.172	4650.96	0.1303	P	3.9
9	☐			11.11	0.0003	P	114.7

y = 6.6702E-006 * x + 1.8667E-004
R = 0.9983
DL = 79.35

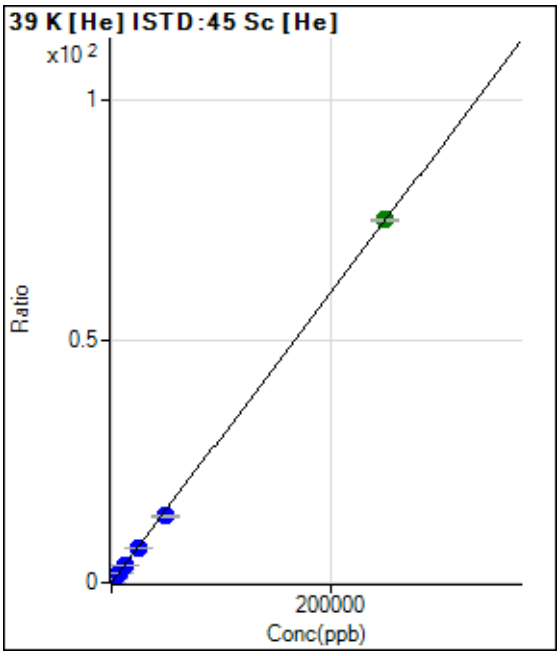
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	25.384	406598.91	0.0670	P	1.4
2	☐	0.000					
3	☐	0.000	-25.384	406889.08	0.0668	P	1.0
4	☐	1000.000	1153.691	431735.47	0.0719	P	1.7
5	☐	2500.000	2196.673	467481.83	0.0765	P	2.2
6	☐	5000.000	4443.599	523103.90	0.0862	P	0.6
7	☐	10000.000	9619.081	648241.87	0.1087	P	0.3
8	☐	20000.000	20359.791	892636.77	0.1554	P	2.5
9	☐			383429.34	0.0636	P	1.3

y = 4.3474E-006 * x + 0.0669
R = 0.9991
DL = 549.9

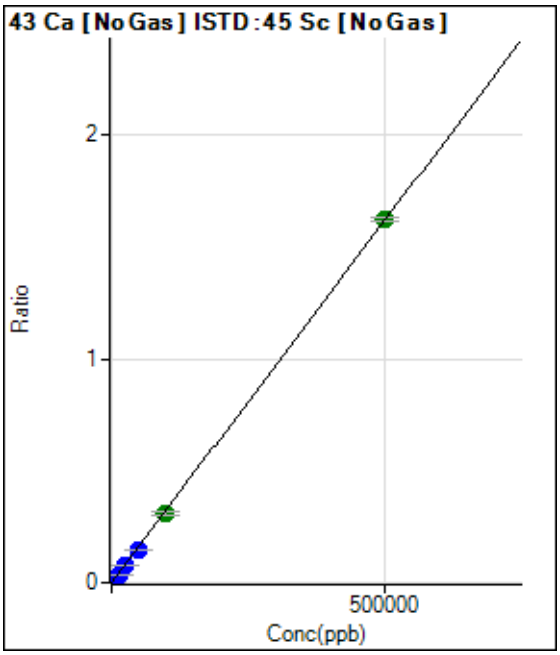
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1655.74	0.0451	P	16.4
2	☐	50.000					
3	☐	500.000	450.693	6699.11	0.1800	P	4.7
4	☐	2500.000	2429.859	28354.49	0.7721	P	3.8
5	☐	6250.000	6104.093	66889.69	1.8712	P	2.9
6	☐	12500.000	11827.504	130284.08	3.5835	P	1.1
7	☐	25000.000	23921.547	253500.65	7.2015	P	1.6
8	☐	50000.000	46170.898	494682.33	13.8576	P	2.2
9	☐	250000.00	250911.73	2924910.79	75.1077	A	0.6

y = 2.9916E-004 * x + 0.0451
R = 0.9999
DL = 74.39

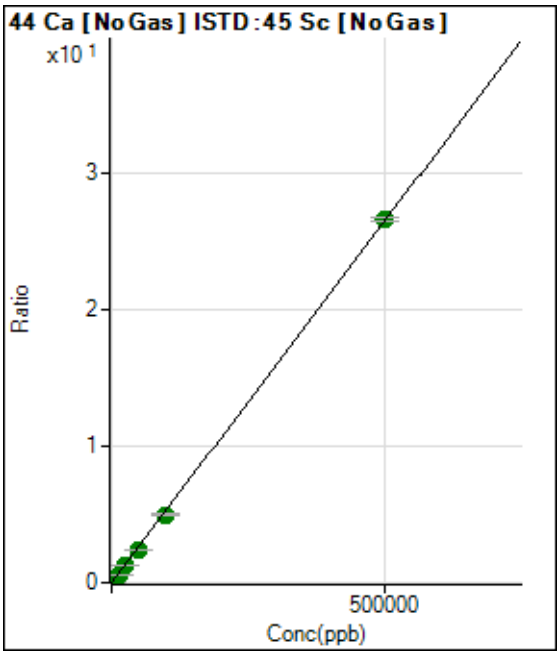
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	641.71	0.0001	P	10.1
2	☐	50.000					
3	☐	500.000	442.196	9356.31	0.0015	P	4.6
4	☐	5000.000	4657.325	91081.49	0.0152	P	2.7
5	☐	12500.000	11624.949	230634.96	0.0377	P	1.2
6	☐	25000.000	22893.732	449967.68	0.0742	P	0.8
7	☐	50000.000	46191.273	891616.45	0.1495	P	0.2
8	☐	100000.00	95733.880	1779257.51	0.3098	A	3.3
9	☐	500000.00	501364.77	9783472.18	1.6222	A	1.1

y = 3.2353E-006 * x + 1.0582E-004
R = 0.9999
DL = 9.924

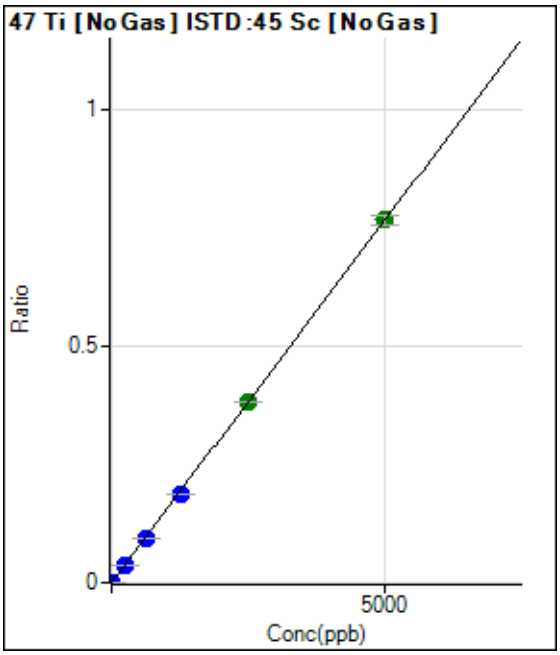
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18084.69	0.0030	P	1.2
2	☐	50.000					
3	☐	500.000	443.765	161393.13	0.0265	P	1.8
4	☐	5000.000	4674.188	1504768.29	0.2507	A	0.8
5	☐	12500.000	11495.151	3742818.27	0.6121	A	1.7
6	☐	25000.000	22673.997	7307086.97	1.2045	A	0.6
7	☐	50000.000	45640.761	14437241.47	2.4215	A	0.2
8	☐	100000.00	93551.496	28484989.88	4.9604	A	3.4
9	☐	500000.00	501870.36	160413563.3	26.5978	A	1.1

y = 5.2991E-005 * x + 0.0030
R = 0.9999
DL = 1.98

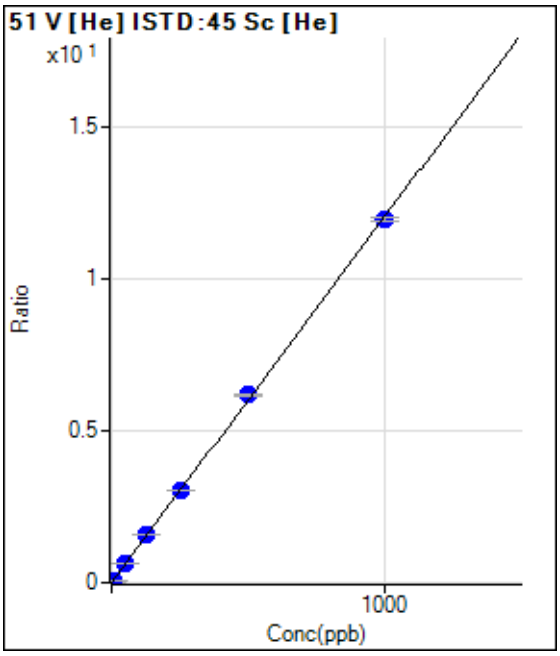
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.809	4592.64	0.0008	P	4.9
4	☐	250.000	246.588	226348.89	0.0377	P	1.3
5	☐	625.000	616.050	575842.98	0.0942	P	2.2
6	☐	1250.000	1218.429	1129846.12	0.1862	P	0.7
7	☐	2500.000	2497.569	2276039.61	0.3818	A	0.7
8	☐	5000.000	5010.398	4398205.87	0.7658	A	2.7
9	☐			2694.82	0.0004	P	2.6

y = 1.5284E-004 * x + 1.8791E-005
R = 1.0000
DL = 0.0597

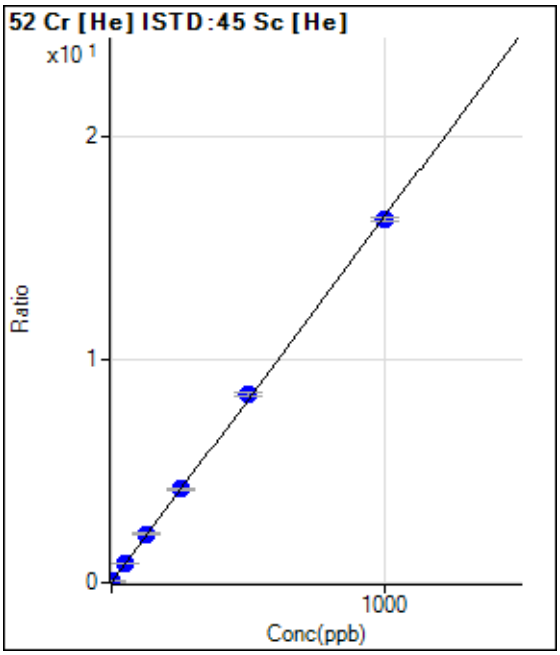
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0002	P	0.9
2	☐	0.500					
3	☐	5.000	4.922	2212.44	0.0594	P	3.1
4	☐	50.000	50.850	22494.98	0.6123	P	0.0
5	☐	125.000	131.403	56545.98	1.5820	P	3.9
6	☐	250.000	252.036	110321.20	3.0342	P	0.6
7	☐	500.000	513.032	217408.42	6.1762	P	1.6
8	☐	1000.000	992.132	426379.09	11.9437	P	1.2
9	☐			187.78	0.0048	P	7.9

y = 0.0120 * x + 1.8171E-004
R = 0.9999
DL = 0.0004033

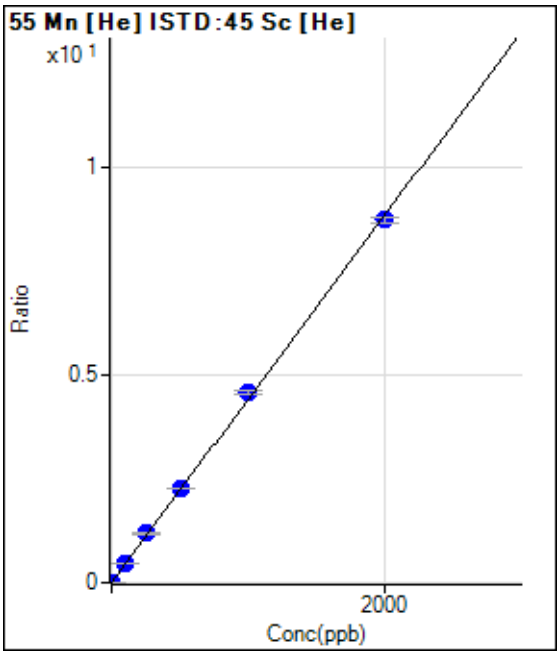
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	453.35	0.0123	P	9.1
2	☐	0.200					
3	☐	2.000	2.141	1763.47	0.0474	P	2.8
4	☐	50.000	51.550	31443.33	0.8560	P	0.9
5	☐	125.000	133.017	78249.31	2.1891	P	3.2
6	☐	250.000	254.378	151795.07	4.1752	P	1.2
7	☐	500.000	513.392	296182.86	8.4139	P	1.5
8	☐	1000.000	991.130	579474.05	16.2321	P	1.0
9	☐			25535.70	0.6558	P	1.3

y = 0.0164 * x + 0.0123
R = 0.9998
DL = 0.2054

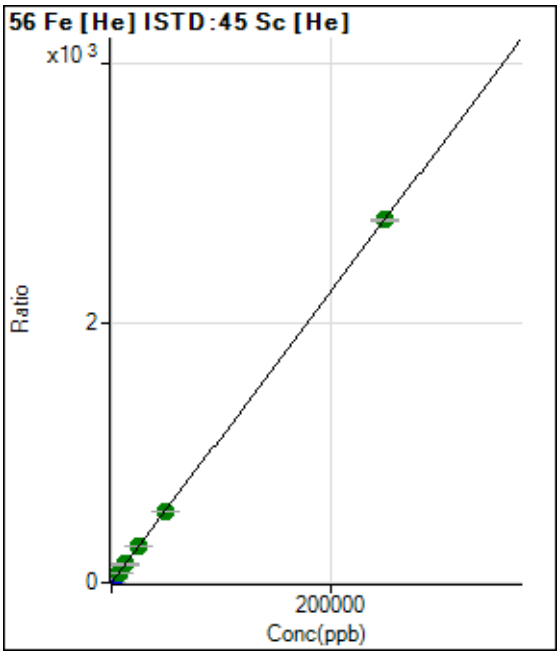
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0009	P	43.1
2	☐	0.100					
3	☐	1.000	1.032	202.23	0.0054	P	13.6
4	☐	100.000	104.048	16902.64	0.4602	P	2.9
5	☐	250.000	267.550	42243.88	1.1819	P	3.8
6	☐	500.000	511.718	82161.00	2.2598	P	0.7
7	☐	1000.000	1035.952	161005.49	4.5739	P	1.6
8	☐	2000.000	1976.698	311531.17	8.7266	P	1.4
9	☐			1710.14	0.0439	P	4.4

y = 0.0044 * x + 8.7842E-004
R = 0.9997
DL = 0.2572

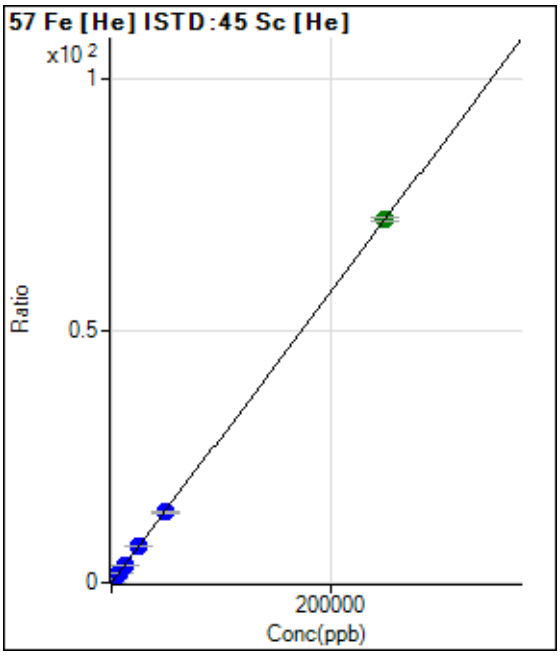
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	976.00	0.0266	P	6.0
2	☐	5.000					
3	☐	50.000	50.271	21893.62	0.5883	P	2.8
4	☐	2500.000	2565.407	1053853.49	28.6888	P	1.1
5	☐	6250.000	6662.632	2661642.10	74.4653	A	3.4
6	☐	12500.000	12638.109	5134335.93	141.2267	A	1.5
7	☐	25000.000	25359.604	9974760.29	283.3584	A	1.3
8	☐	50000.000	49124.921	19594983.31	548.8779	A	0.6
9	☐	250000.00	250121.18	108825358.9	2,794.521	A	0.3

y = 0.0112 * x + 0.0266
R = 1.0000
DL = 0.4296

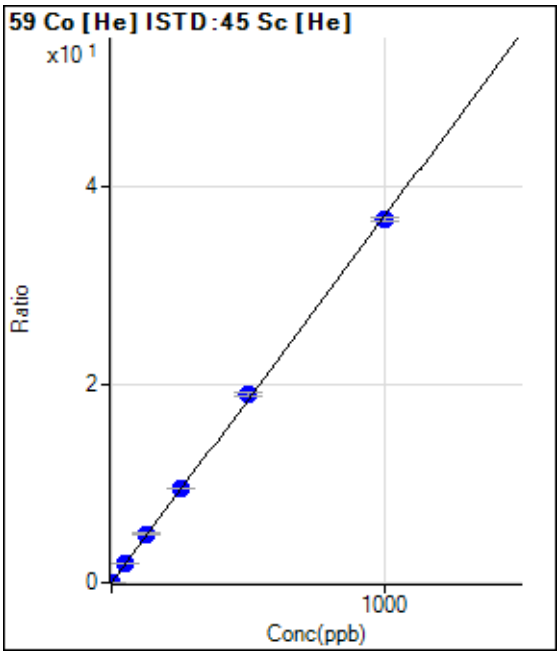
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0011	P	56.1
2	☐	5.000					
3	☐	50.000	50.754	585.22	0.0157	P	6.2
4	☐	2500.000	2488.375	26351.41	0.7174	P	2.6
5	☐	6250.000	6426.892	66175.28	1.8511	P	2.7
6	☐	12500.000	12418.585	130011.63	3.5759	P	0.7
7	☐	25000.000	24950.631	252864.35	7.1833	P	1.4
8	☐	50000.000	48447.761	497911.57	13.9471	P	0.7
9	☐	250000.00	250315.14	2805951.39	72.0560	A	1.0

y = 2.8786E-004 * x + 0.0011
R = 1.0000
DL = 6.511

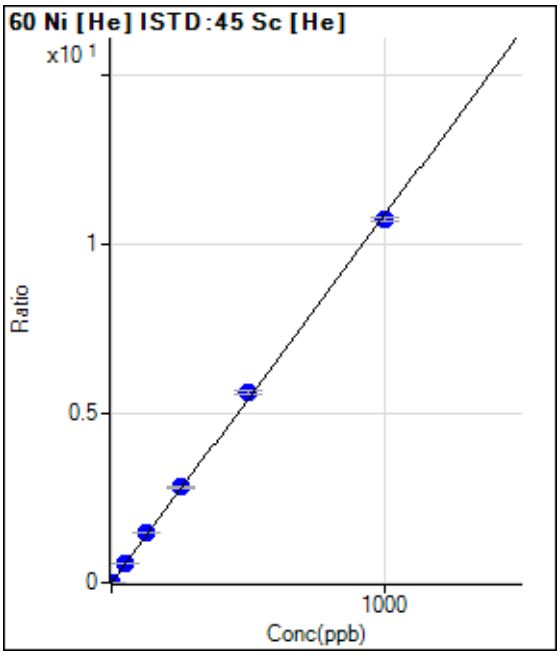
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0019	P	32.8
2	☐	0.100					
3	☐	1.000	1.014	1465.66	0.0394	P	2.6
4	☐	50.000	52.077	70721.65	1.9251	P	1.1
5	☐	125.000	133.112	175762.78	4.9176	P	3.7
6	☐	250.000	255.879	343630.24	9.4512	P	0.6
7	☐	500.000	514.301	668614.17	18.9943	P	1.7
8	☐	1000.000	990.262	1305547.42	36.5708	P	1.1
9	☐			18091.97	0.4646	P	3.1

y = 0.0369 * x + 0.0019
R = 0.9998
DL = 0.05166

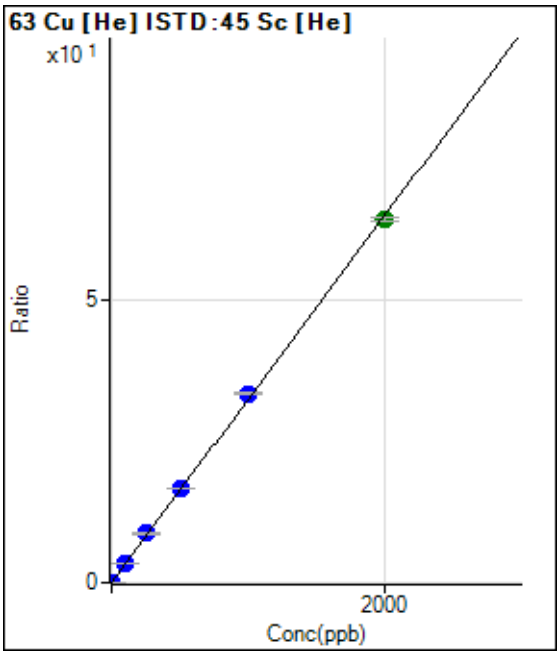
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0027	P	5.3
2	☐	0.100					
3	☐	1.000	1.200	586.69	0.0158	P	2.9
4	☐	50.000	53.128	21304.24	0.5800	P	0.8
5	☐	125.000	135.856	52861.19	1.4788	P	3.2
6	☐	250.000	259.553	102631.24	2.8227	P	1.0
7	☐	500.000	517.509	198017.10	5.6254	P	1.7
8	☐	1000.000	987.344	383054.35	10.7300	P	1.1
9	☐			13775.89	0.3538	P	3.0

y = 0.0109 * x + 0.0027
R = 0.9997
DL = 0.0402

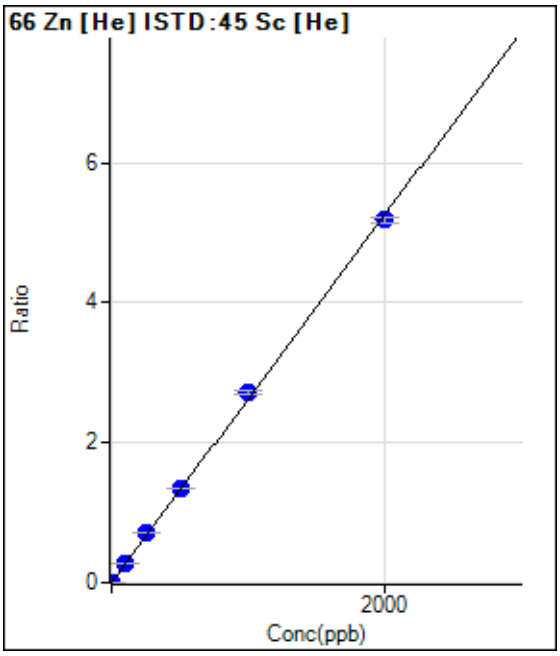
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.79	0.0117	P	9.7
2	☐	0.200					
3	☐	2.000	2.103	2972.59	0.0799	P	1.7
4	☐	100.000	105.171	125716.57	3.4224	P	1.0
5	☐	250.000	268.714	311885.14	8.7261	P	3.7
6	☐	500.000	514.639	607223.94	16.7016	P	1.0
7	☐	1000.000	1031.417	1177852.83	33.4608	P	1.6
8	☐	2000.000	1978.034	2290471.70	64.1598	A	1.0
9	☐			4742.00	0.1218	P	3.2

y = 0.0324 * x + 0.0117
R = 0.9998
DL = 0.1046

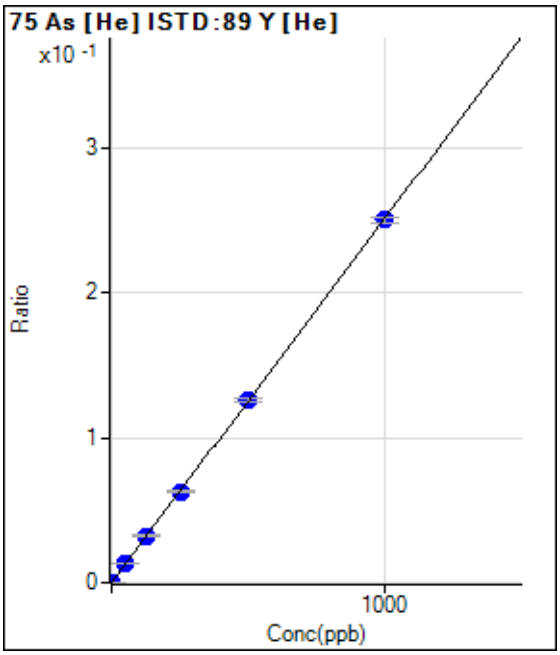
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0010	P	29.5
2	☐	0.200					
3	☐	2.000	2.467	276.68	0.0074	P	17.7
4	☐	100.000	106.382	10286.22	0.2801	P	3.6
5	☐	250.000	271.722	25517.03	0.7139	P	3.7
6	☐	500.000	511.955	48873.76	1.3442	P	0.2
7	☐	1000.000	1037.916	95894.20	2.7242	P	1.5
8	☐	2000.000	1975.019	185022.58	5.1829	P	1.4
9	☐			1625.68	0.0417	P	5.9

y = 0.0026 * x + 9.6685E-004
R = 0.9997
DL = 0.3256

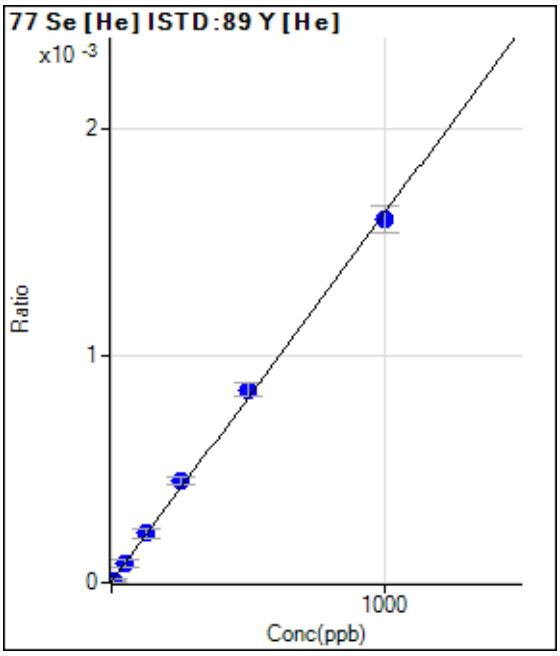
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	123.7
2	☐	0.100					
3	☐	1.000	1.105	79.01	0.0003	P	5.9
4	☐	50.000	51.179	3467.13	0.0128	P	3.7
5	☐	125.000	128.624	8532.94	0.0323	P	2.2
6	☐	250.000	250.080	16679.91	0.0627	P	0.9
7	☐	500.000	503.382	32882.29	0.1262	P	2.3
8	☐	1000.000	997.777	64756.15	0.2501	P	1.5
9	☐			137.04	0.0005	P	5.6

y = 2.5069E-004 * x + 1.1426E-005
R = 1.0000
DL = 0.1691

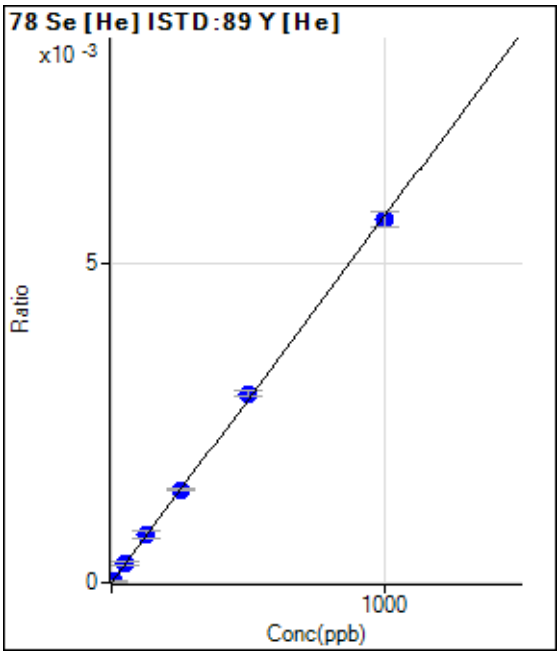
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.450	2.22	0.0000	P	173.2
4	☐	50.000	50.755	23.33	0.0001	P	43.3
5	☐	125.000	131.680	57.78	0.0002	P	20.0
6	☐	250.000	275.519	120.00	0.0005	P	6.8
7	☐	500.000	521.055	221.12	0.0008	P	6.5
8	☐	1000.000	982.233	413.35	0.0016	P	7.5
9	☐			3.33	0.0000	P	100.0

y = 1.6217E-006 * x + 4.2321E-006
R = 0.9992
DL = 13.56

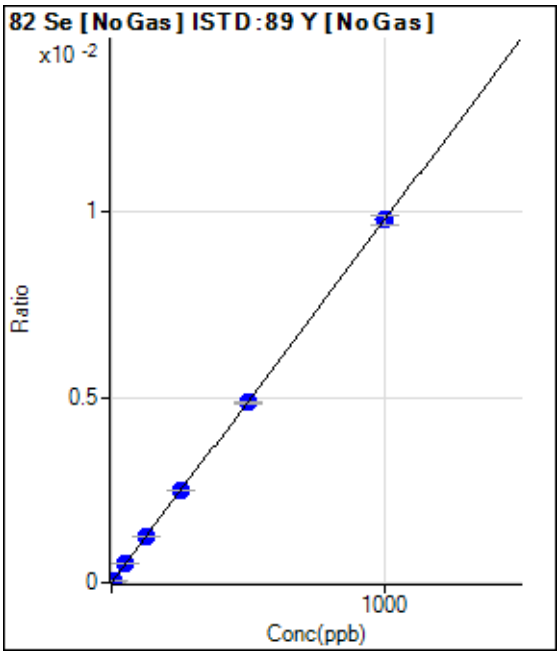
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.545	5.55	0.0000	P	58.9
4	☐	50.000	52.179	80.86	0.0003	P	13.5
5	☐	125.000	133.115	201.86	0.0008	P	15.3
6	☐	250.000	252.745	385.81	0.0015	P	2.5
7	☐	500.000	516.270	772.25	0.0030	P	3.5
8	☐	1000.000	990.063	1470.47	0.0057	P	4.3
9	☐			1.23	0.0000	P	86.6

y = 5.7379E-006 * x + 0.0000E+000
R = 0.9998
DL = 0

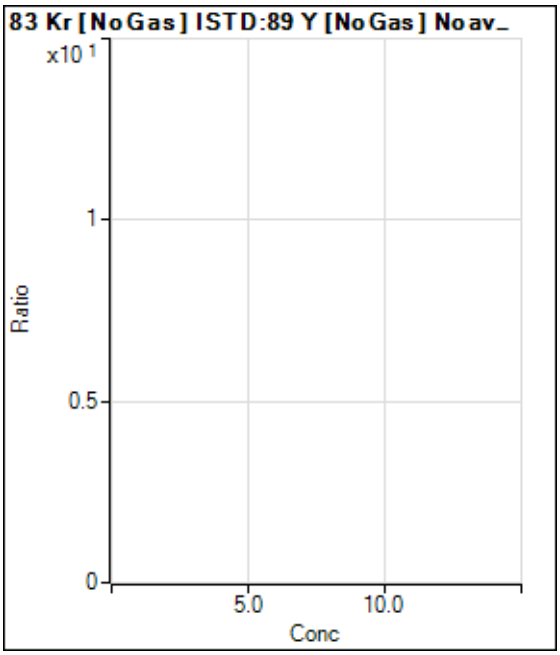
Weight: <None>
Min Conc: 0



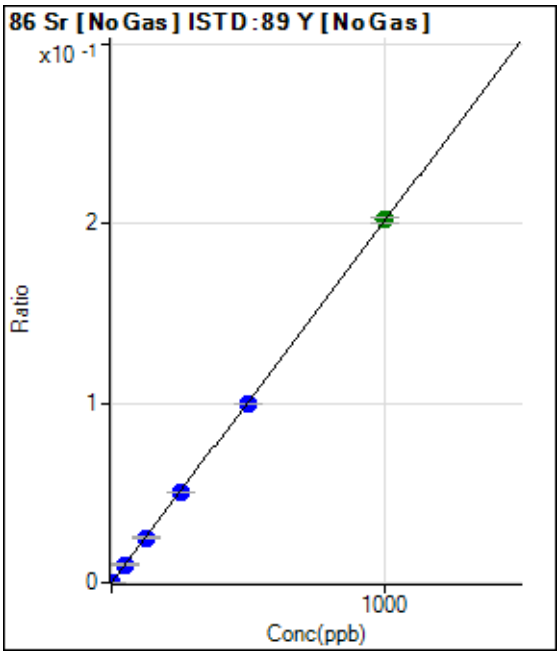
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-7.66	0.0000	P	-302.
2	☐	0.500					
3	☐	5.000	4.676	488.21	0.0000	P	4.9
4	☐	50.000	51.603	5371.11	0.0005	P	3.4
5	☐	125.000	125.912	13556.84	0.0012	P	1.4
6	☐	250.000	253.805	26655.89	0.0025	P	1.0
7	☐	500.000	497.287	52411.71	0.0049	P	0.8
8	☐	1000.000	1000.213	102763.86	0.0098	P	3.0
9	☐			51.19	0.0000	P	64.1

y = 9.7781E-006 * x - 7.1791E-007
R = 1.0000
DL = 0.6667

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			342.23	0.0000	P	2.6
2	☐						
3	☐			345.56	0.0000	P	5.3
4	☐			303.34	0.0000	P	2.9
5	☐			307.79	0.0000	P	6.4
6	☐			343.35	0.0000	P	4.2
7	☐			338.90	0.0000	P	2.4
8	☐			338.90	0.0000	P	23.5
9	☐			342.23	0.0000	P	14.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.03	0.0000	P	17.7
2	☐	0.100					
3	☐	1.000	1.042	2758.76	0.0003	P	4.8
4	☐	50.000	49.869	107568.33	0.0101	P	3.2
5	☐	125.000	124.241	276268.05	0.0251	P	1.9
6	☐	250.000	249.970	541596.59	0.0504	P	0.2
7	☐	500.000	493.108	1071529.41	0.0994	P	0.4
8	☐	1000.000	1003.555	2125584.53	0.2022	A	1.9
9	☐			10510.01	0.0010	P	0.5

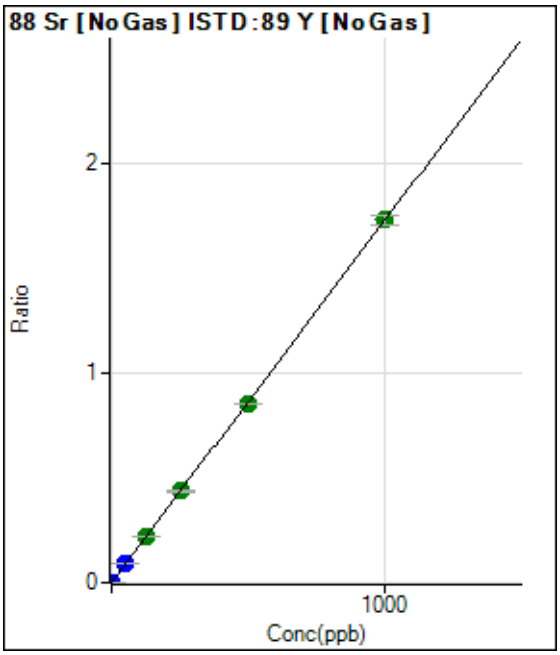
y = 2.0148E-004 * x + 4.4542E-005

R = 1.0000

DL = 0.1176

Weight: <None>

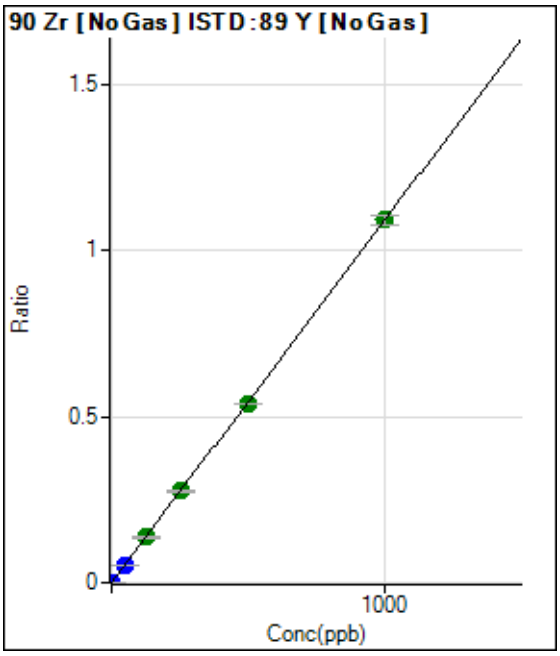
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	11.9
2	☐	0.100					
3	☐	1.000	0.978	18474.36	0.0017	P	1.4
4	☐	50.000	50.988	936936.90	0.0879	P	1.5
5	☐	125.000	126.741	2406856.17	0.2184	A	1.2
6	☐	250.000	252.799	4681042.08	0.4357	A	1.0
7	☐	500.000	493.956	9177335.79	0.8513	A	0.5
8	☐	1000.000	1002.055	18148858.91	1.7270	A	2.4
9	☐			88668.22	0.0083	P	2.1

y = 0.0017 * x + 1.7442E-005
R = 1.0000
DL = 0.003602

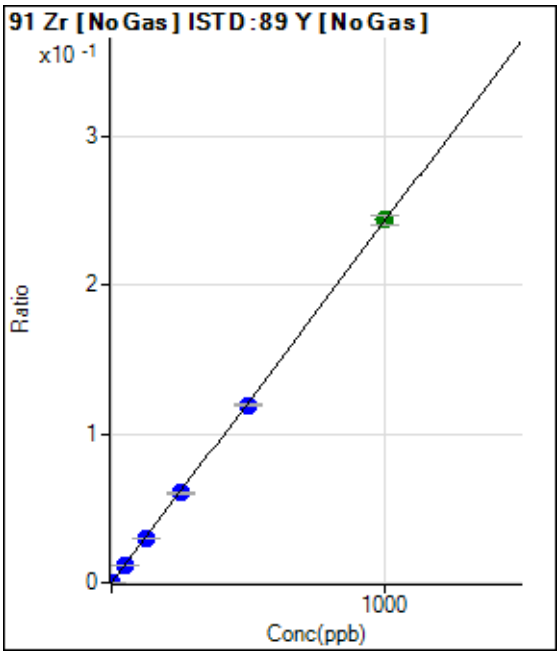
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1013.98	0.0001	P	15.8
2	☐	0.100					
3	☐	1.000	0.956	12328.36	0.0011	P	2.3
4	☐	50.000	49.478	575755.03	0.0540	P	1.9
5	☐	125.000	125.796	1510971.16	0.1372	A	3.5
6	☐	250.000	252.650	2958983.16	0.2754	A	0.9
7	☐	500.000	495.202	5818372.53	0.5397	A	0.4
8	☐	1000.000	1001.663	11471295.91	1.0916	A	2.7
9	☐			3453.38	0.0003	P	6.7

y = 0.0011 * x + 9.4882E-005
R = 1.0000
DL = 0.04126

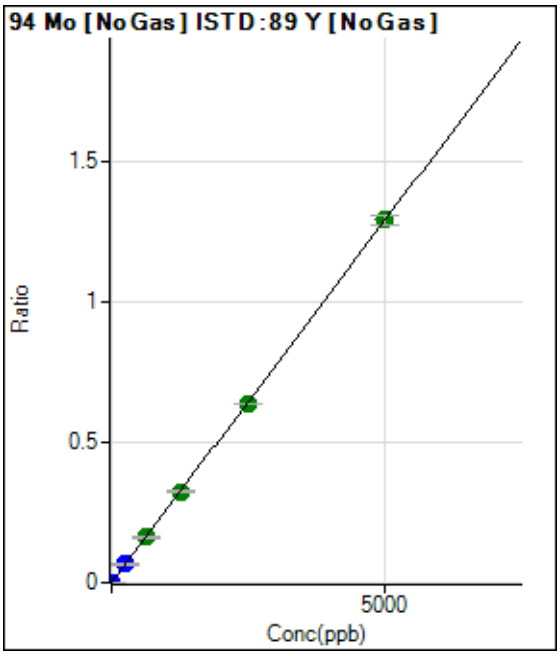
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	0.937	2678.18	0.0002	P	3.9
4	☐	50.000	48.755	126205.97	0.0118	P	1.8
5	☐	125.000	123.628	330401.90	0.0300	P	2.1
6	☐	250.000	247.714	645422.03	0.0601	P	1.0
7	☐	500.000	492.245	1286690.64	0.1194	P	0.2
8	☐	1000.000	1004.682	2559878.14	0.2436	A	2.3
9	☐			780.62	0.0001	P	7.0

y = 2.4243E-004 * x + 1.9757E-005
R = 1.0000
DL = 0.03134

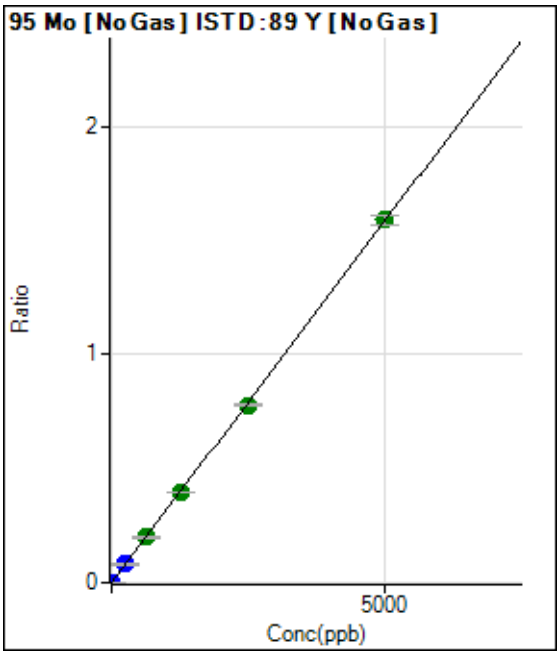
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0000	P	22.3
2	☐	0.500					
3	☐	5.000	4.839	13918.85	0.0013	P	4.9
4	☐	250.000	252.970	696206.41	0.0653	P	1.4
5	☐	625.000	627.116	1783108.44	0.1619	A	1.8
6	☐	1250.000	1256.608	3483883.37	0.3243	A	1.3
7	☐	2500.000	2466.907	6862369.34	0.6366	A	0.7
8	☐	5000.000	5014.482	13597369.92	1.2939	A	2.7
9	☐			20452.31	0.0019	P	3.6

y = 2.5803E-004 * x + 3.5103E-005
R = 1.0000
DL = 0.09081

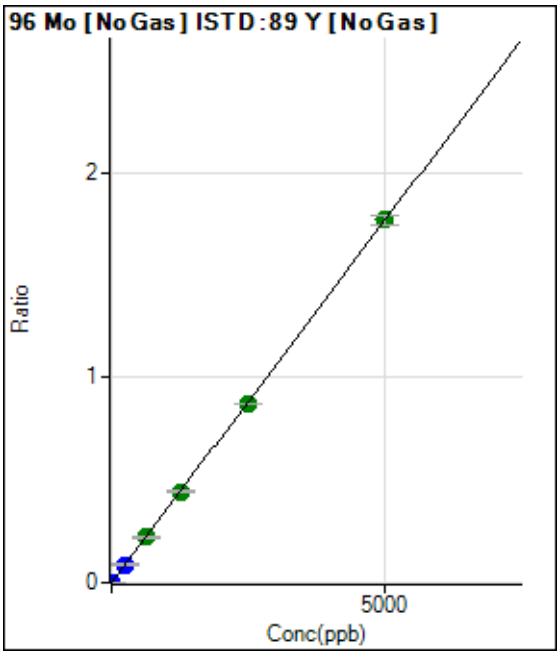
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	4.722	16363.34	0.0015	P	1.6
4	☐	250.000	253.577	857215.87	0.0804	P	0.9
5	☐	625.000	629.179	2198004.08	0.1995	A	1.7
6	☐	1250.000	1251.265	4262320.54	0.3967	A	0.9
7	☐	2500.000	2456.082	8394723.63	0.7787	A	0.6
8	☐	5000.000	5020.942	16729128.85	1.5919	A	2.6
9	☐			33675.90	0.0031	P	2.4

y = 3.1705E-004 * x + 1.1710E-005
R = 0.9999
DL = 0.001148

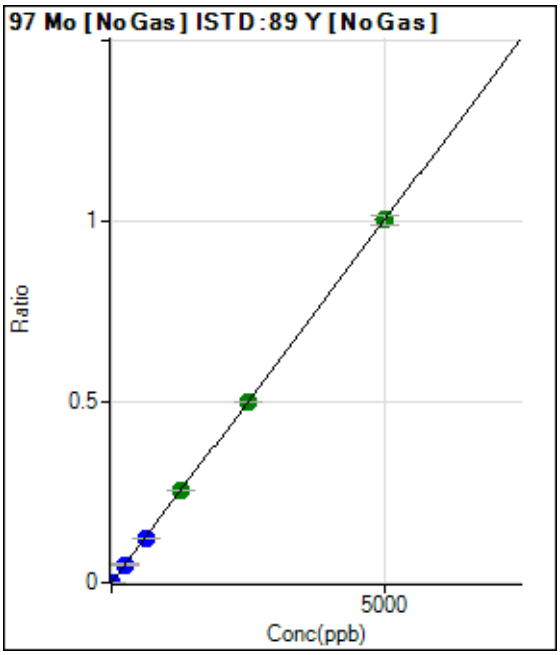
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	15.1
2	☐	0.500					
3	☐	5.000	4.676	18137.89	0.0017	P	2.7
4	☐	250.000	252.165	949359.14	0.0891	P	1.1
5	☐	625.000	626.251	2436454.66	0.2211	A	1.4
6	☐	1250.000	1260.410	4781307.44	0.4450	A	1.1
7	☐	2500.000	2465.750	9385365.49	0.8706	A	0.6
8	☐	5000.000	5014.258	18605492.60	1.7704	A	2.4
9	☐			38472.37	0.0036	P	2.4

y = 3.5307E-004 * x + 2.1341E-005
R = 1.0000
DL = 0.0273

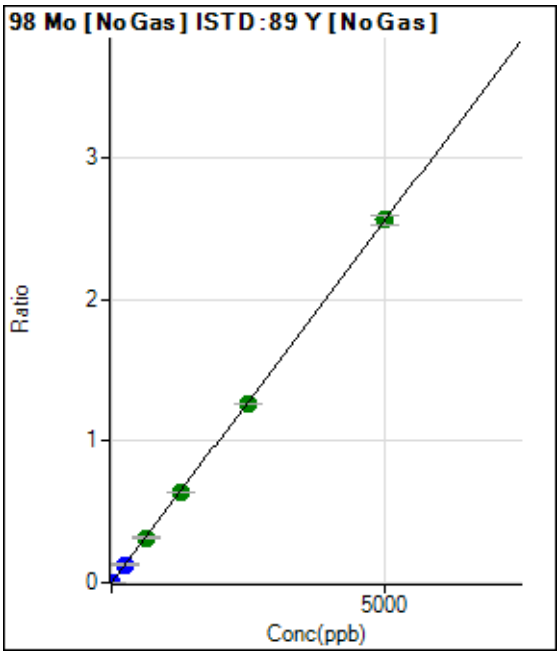
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	10.7
2	☐	0.500					
3	☐	5.000	4.869	10676.90	0.0010	P	1.3
4	☐	250.000	250.882	536526.55	0.0503	P	1.9
5	☐	625.000	615.972	1361384.94	0.1236	P	1.5
6	☐	1250.000	1270.437	2737932.18	0.2548	A	1.0
7	☐	2500.000	2488.651	5381515.10	0.4992	A	0.6
8	☐	5000.000	5001.650	10543308.31	1.0033	A	2.5
9	☐			20936.53	0.0020	P	5.0

y = 2.0059E-004 * x + 7.8097E-006
R = 1.0000
DL = 0.01248

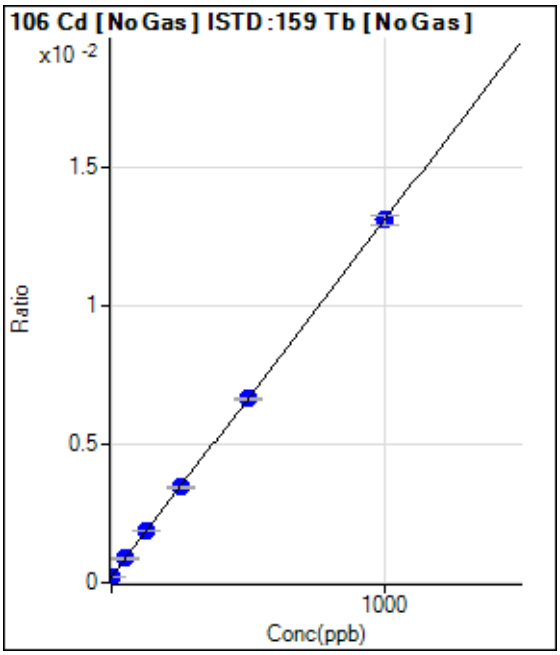
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.765	26579.69	0.0025	P	1.2
4	☐	250.000	251.499	1371096.51	0.1286	P	1.5
5	☐	625.000	622.409	3506658.76	0.3183	A	1.6
6	☐	1250.000	1243.978	6834532.70	0.6361	A	0.4
7	☐	2500.000	2470.737	13620287.29	1.2634	A	0.3
8	☐	5000.000	5016.386	26955410.32	2.5652	A	2.9
9	☐			53958.44	0.0050	P	2.4

y = 5.1136E-004 * x + 1.4298E-005
R = 1.0000
DL = 0.01689

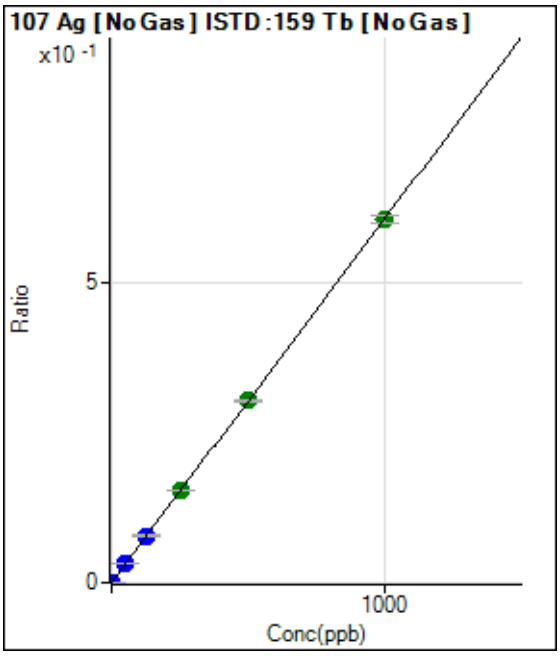
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2969.93	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	0.532	3142.18	0.0002	P	0.4
4	☐	50.000	51.553	12217.18	0.0009	P	3.8
5	☐	125.000	128.159	26671.91	0.0019	P	1.7
6	☐	250.000	250.499	48934.55	0.0034	P	2.7
7	☐	500.000	498.100	94161.08	0.0066	P	0.1
8	☐	1000.000	1000.353	181737.41	0.0131	P	2.3
9	☐			2928.22	0.0002	P	1.8

y = 1.2903E-005 * x + 2.1614E-004
R = 1.0000
DL = 3.474

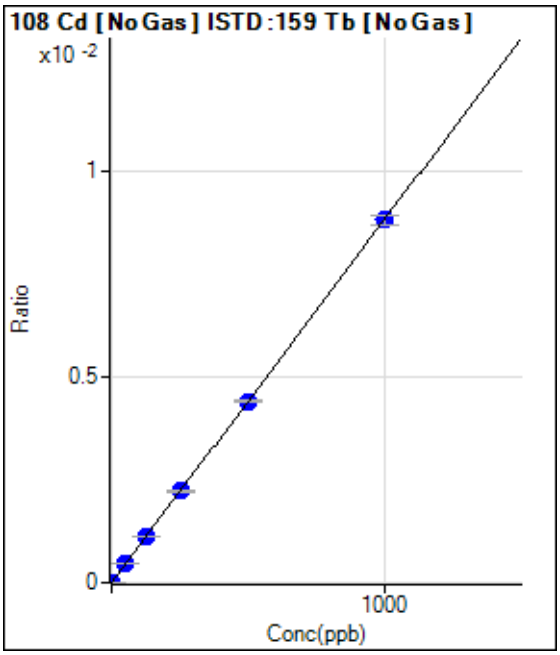
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	1.019	8808.81	0.0006	P	4.6
4	☐	50.000	52.169	438191.96	0.0316	P	1.5
5	☐	125.000	128.809	1112686.06	0.0780	P	1.4
6	☐	250.000	255.085	2193157.73	0.1545	A	0.6
7	☐	500.000	500.198	4294964.72	0.3030	A	0.2
8	☐	1000.000	998.045	8372809.39	0.6046	A	1.9
9	☐			1019.53	0.0001	P	3.5

y = 6.0576E-004 * x + 7.6930E-006
R = 1.0000
DL = 0.009591

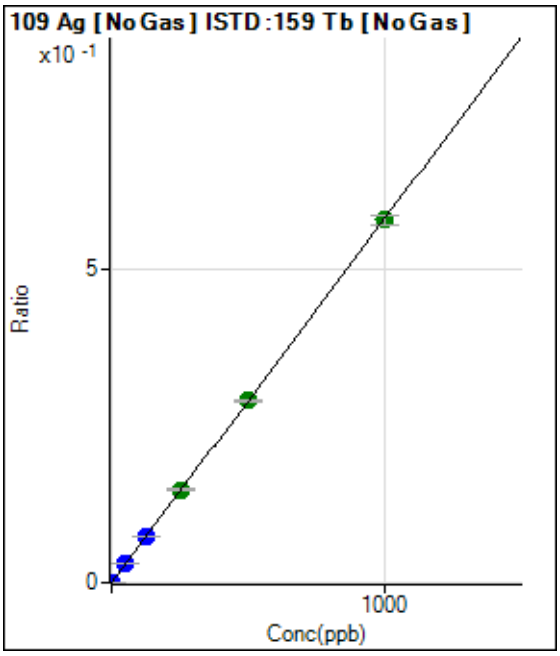
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	58.0
2	☐	0.100					
3	☐	1.000	1.014	138.89	0.0000	P	12.8
4	☐	50.000	51.908	6355.79	0.0005	P	1.7
5	☐	125.000	127.404	16029.26	0.0011	P	0.6
6	☐	250.000	252.742	31631.79	0.0022	P	2.0
7	☐	500.000	499.150	62382.47	0.0044	P	0.6
8	☐	1000.000	999.343	122008.30	0.0088	P	2.3
9	☐			51.39	0.0000	P	26.0

y = 8.8154E-006 * x + 9.0983E-007
R = 1.0000
DL = 0.1795

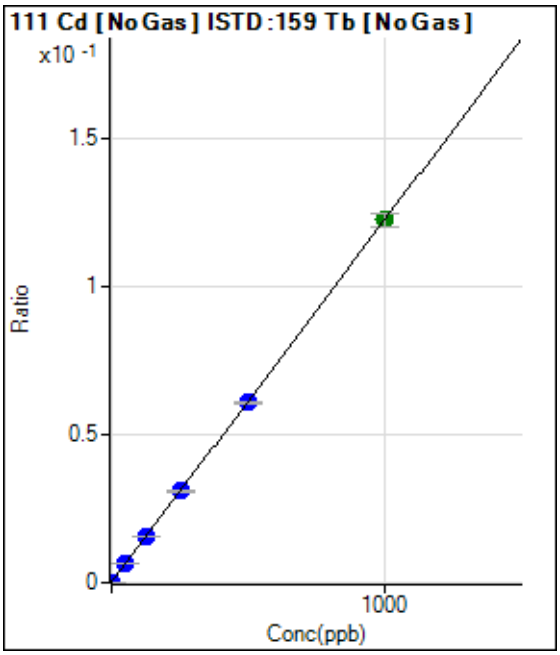
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	12.2
2	☐	0.100					
3	☐	1.000	1.033	8516.93	0.0006	P	2.6
4	☐	50.000	51.998	418289.63	0.0302	P	0.7
5	☐	125.000	128.331	1061703.54	0.0745	P	1.0
6	☐	250.000	256.361	2110902.21	0.1487	A	0.6
7	☐	500.000	500.741	4117824.44	0.2905	A	0.7
8	☐	1000.000	997.523	8013915.46	0.5787	A	2.5
9	☐			969.53	0.0001	P	15.6

y = 5.8015E-004 * x + 5.2495E-006
R = 1.0000
DL = 0.003309

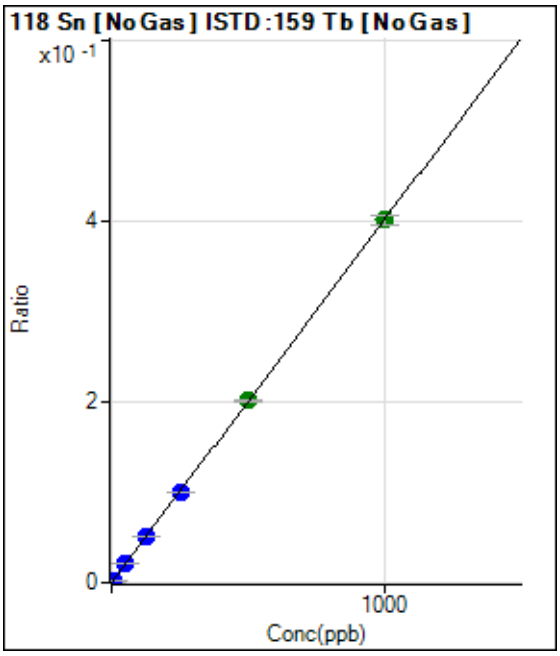
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2074.37	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	0.976	3810.79	0.0003	P	0.3
4	☐	50.000	52.167	90590.02	0.0065	P	2.2
5	☐	125.000	128.188	225866.61	0.0158	P	0.7
6	☐	250.000	251.382	438757.65	0.0309	P	1.0
7	☐	500.000	496.216	862909.94	0.0609	P	0.5
8	☐	1000.000	1001.040	1698316.38	0.1227	A	3.5
9	☐			2437.41	0.0002	P	2.4

y = 1.2238E-004 * x + 1.5096E-004
R = 1.0000
DL = 0.2541

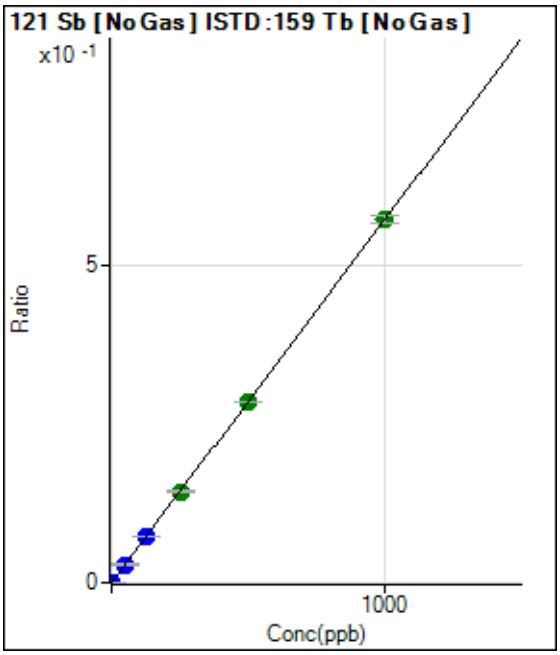
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1136.22	0.0001	P	7.5
2	☐	0.500					
3	☐	5.000	4.877	28706.91	0.0020	P	1.4
4	☐	50.000	50.741	283091.32	0.0204	P	0.7
5	☐	125.000	125.764	719987.51	0.0505	P	1.1
6	☐	250.000	248.739	1416083.07	0.0998	P	0.9
7	☐	500.000	501.005	2847465.19	0.2009	A	0.6
8	☐	1000.000	999.681	5549343.74	0.4008	A	2.8
9	☐			15440.02	0.0011	P	4.7

y = 4.0081E-004 * x + 8.2630E-005
R = 1.0000
DL = 0.04621

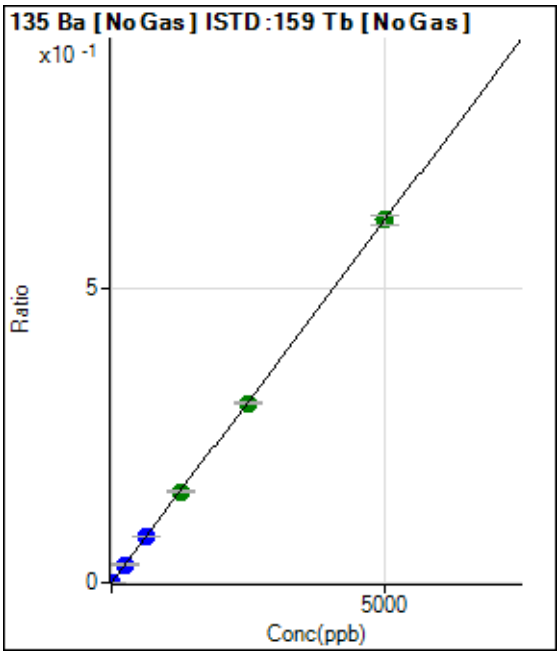
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	5.2
2	☐	0.200					
3	☐	2.000	1.933	15601.47	0.0011	P	2.9
4	☐	50.000	50.309	397416.74	0.0287	P	2.7
5	☐	125.000	126.649	1029028.20	0.0722	P	1.5
6	☐	250.000	250.948	2029391.43	0.1430	A	0.8
7	☐	500.000	498.223	4023942.23	0.2839	A	0.4
8	☐	1000.000	1000.430	7894000.35	0.5700	A	2.3
9	☐			23037.56	0.0016	P	5.1

y = 5.6979E-004 * x + 5.8588E-006
R = 1.0000
DL = 0.001601

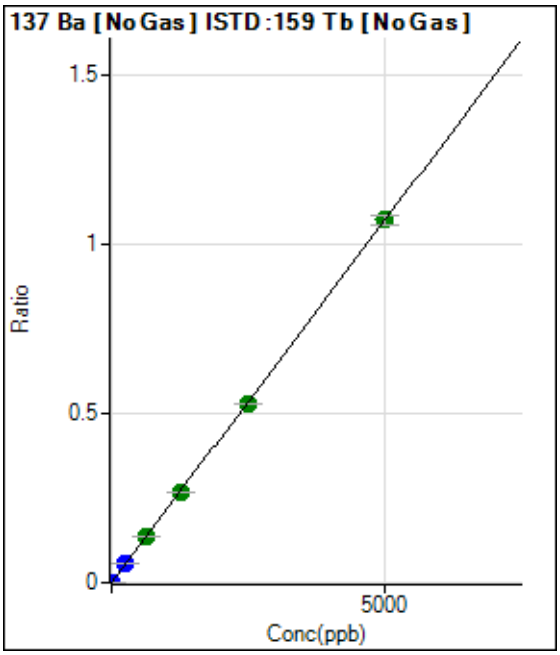
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	35.4
2	☐	1.000					
3	☐	10.000	9.490	16513.69	0.0012	P	0.7
4	☐	250.000	251.833	429684.20	0.0310	P	2.0
5	☐	625.000	628.531	1103010.95	0.0774	P	1.4
6	☐	1250.000	1255.704	2193330.04	0.1545	A	1.0
7	☐	2500.000	2481.049	4328138.77	0.3054	A	0.3
8	☐	5000.000	5007.517	8534152.27	0.6163	A	2.5
9	☐			1564.06	0.0001	P	5.5

y = 1.2307E-004 * x + 4.0518E-006
R = 1.0000
DL = 0.03498

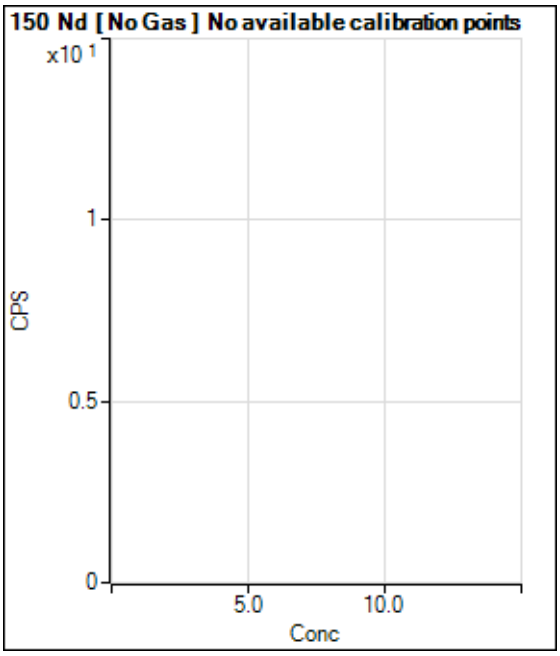
Weight: <None>
Min Conc: 0



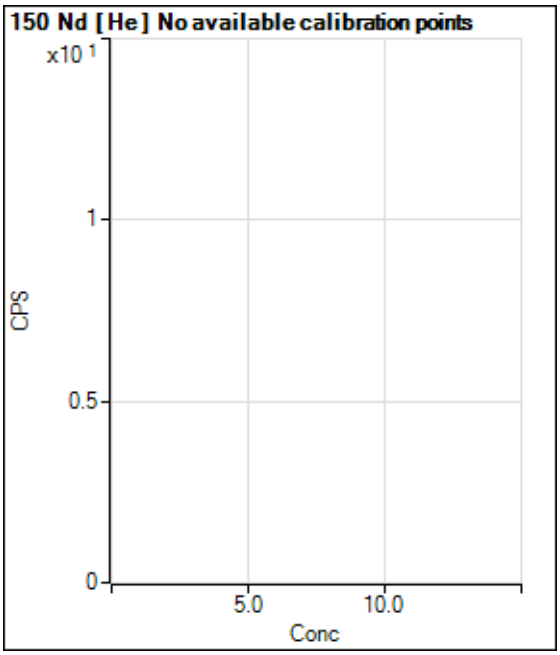
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	22.9
2	☐	1.000					
3	☐	10.000	9.645	29163.62	0.0021	P	1.4
4	☐	250.000	255.993	759319.57	0.0548	P	1.2
5	☐	625.000	641.265	1956283.53	0.1372	A	1.5
6	☐	1250.000	1252.643	3803625.87	0.2680	A	0.1
7	☐	2500.000	2468.990	7487142.96	0.5282	A	0.7
8	☐	5000.000	5012.512	14850196.69	1.0724	A	2.4
9	☐			2878.24	0.0002	P	5.4

y = 2.1394E-004 * x + 6.4607E-006
R = 1.0000
DL = 0.02077

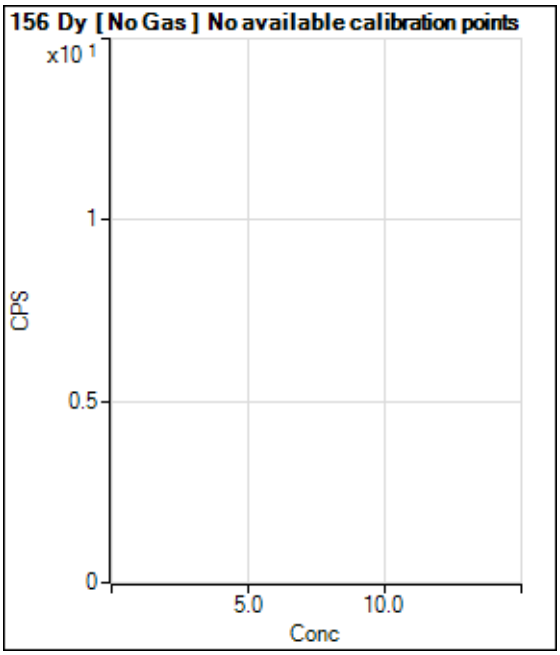
Weight: <None>
Min Conc: 0



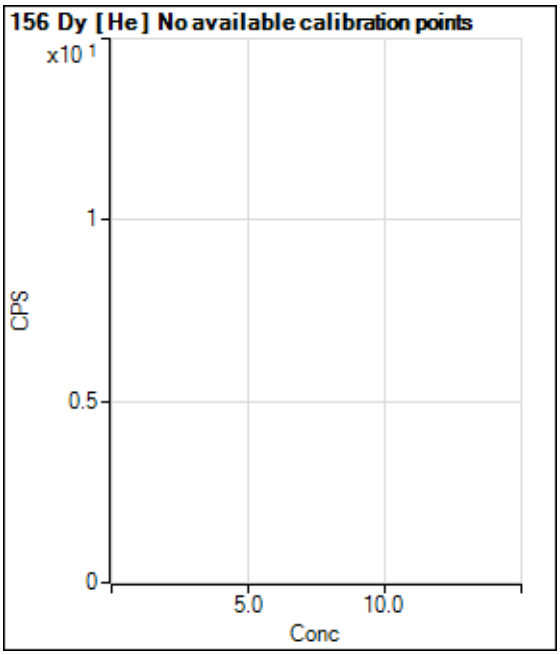
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			6.67		P	100.0
4	☐			26.67		P	25.0
5	☐			57.78		P	6.7
6	☐			75.56		P	58.7
7	☐			184.45		P	24.1
8	☐			297.79		P	10.6
9	☐			148.90		P	27.4



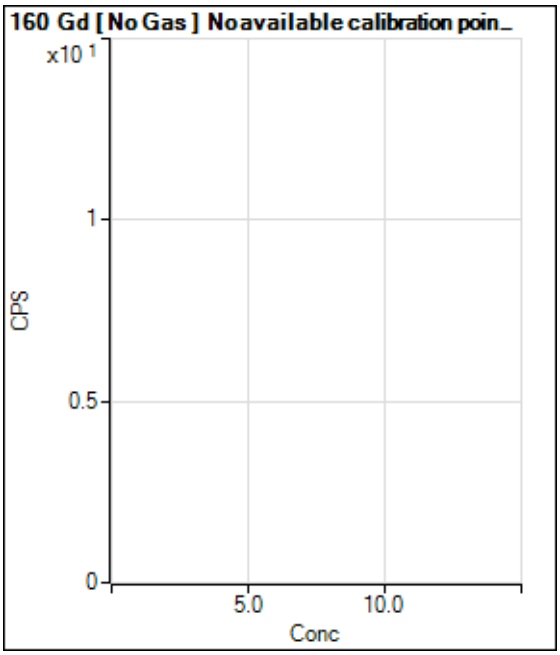
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			0.00		P	
8	☐			5.56		P	91.6
9	☐			8.89		P	57.3



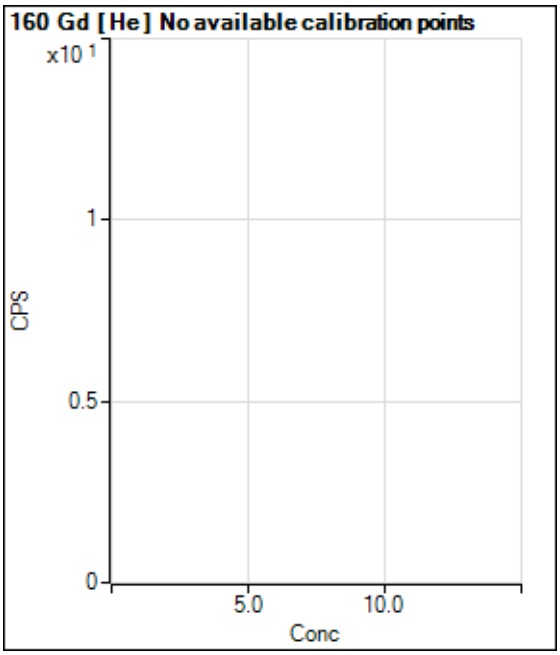
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			8.33		P	100.0
4	☐			22.22		P	114.6
5	☐			36.11		P	58.1
6	☐			33.33		P	25.0
7	☐			69.45		P	18.3
8	☐			119.45		P	31.5
9	☐			94.45		P	13.5



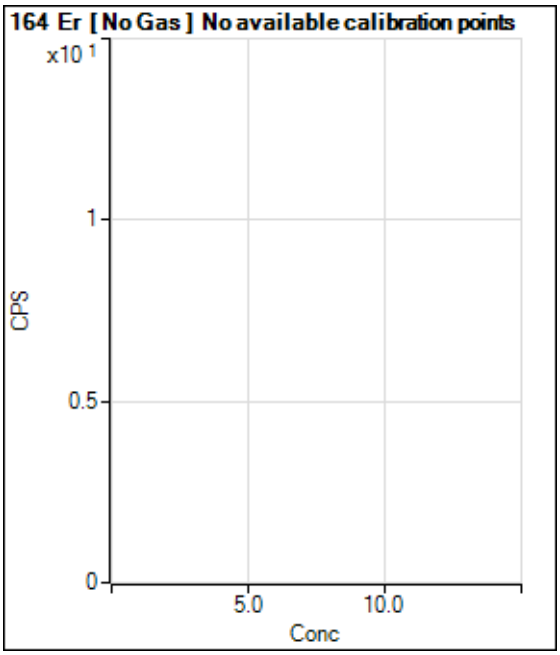
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			3.33		P	0.0
7	☐			3.33		P	100.1
8	☐			3.33		P	173.2
9	☐			5.56		P	34.7



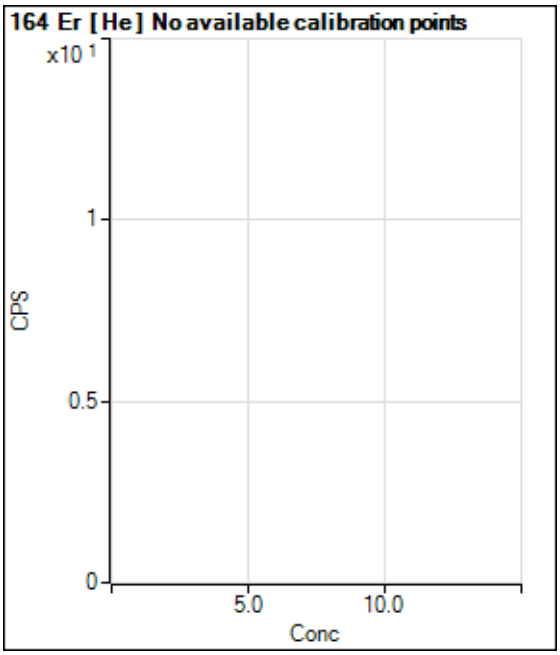
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			100.01		P	22.0
2	☐						
3	☐			108.34		P	15.4
4	☐			144.45		P	12.0
5	☐			97.23		P	21.6
6	☐			175.01		P	4.8
7	☐			166.68		P	20.0
8	☐			158.34		P	9.1
9	☐			186.12		P	34.8



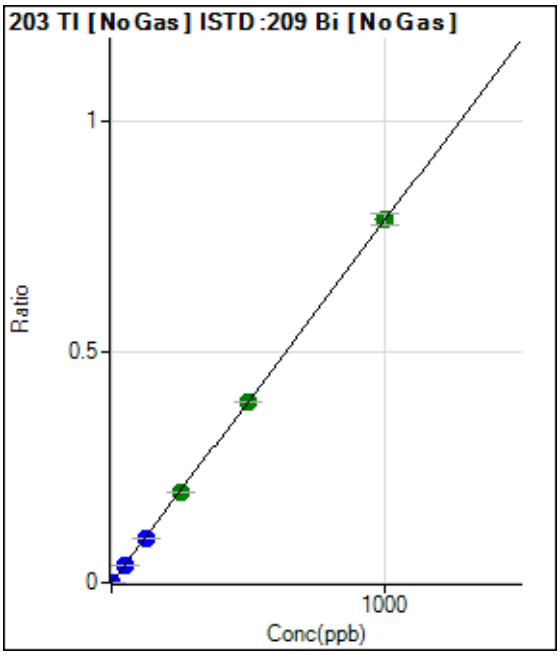
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	49.5
2	☐						
3	☐			12.22		P	31.5
4	☐			12.22		P	15.7
5	☐			16.67		P	20.0
6	☐			16.67		P	20.0
7	☐			15.56		P	65.5
8	☐			20.00		P	33.4
9	☐			16.66		P	34.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			30.56		P	95.8
2	☐						
3	☐			44.45		P	28.7
4	☐			47.22		P	36.7
5	☐			25.00		P	33.3
6	☐			47.22		P	36.7
7	☐			38.89		P	24.7
8	☐			55.56		P	34.6
9	☐			41.67		P	52.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			12.22		P	41.7
2	☐						
3	☐			11.11		P	45.8
4	☐			7.78		P	99.0
5	☐			8.89		P	21.6
6	☐			2.22		P	173.2
7	☐			6.66		P	86.6
8	☐			5.55		P	69.3
9	☐			12.22		P	31.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.80	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.970	7235.70	0.0008	P	0.9
4	☐	50.000	49.087	346052.21	0.0385	P	1.0
5	☐	125.000	123.241	888326.79	0.0967	P	1.6
6	☐	250.000	248.980	1765079.45	0.1953	A	0.9
7	☐	500.000	497.046	3539883.37	0.3898	A	0.1
8	☐	1000.000	1001.997	6906203.28	0.7858	A	3.1
9	☐			4331.52	0.0005	P	3.7

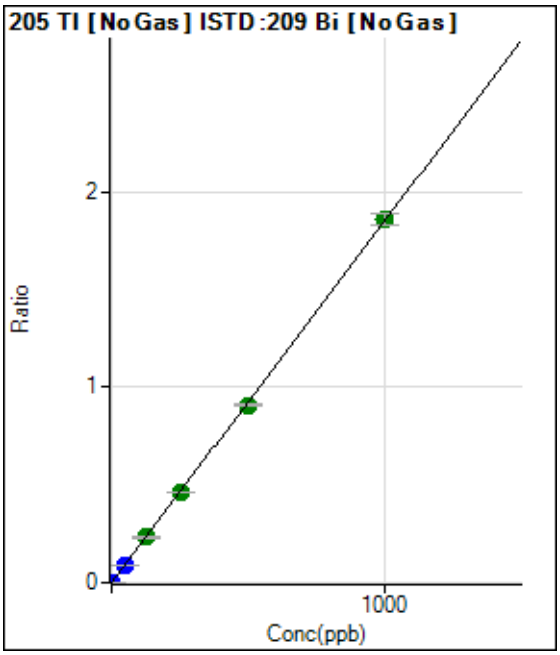
y = 7.8422E-004 * x + 3.7119E-005

R = 1.0000

DL = 0.02626

Weight: <None>

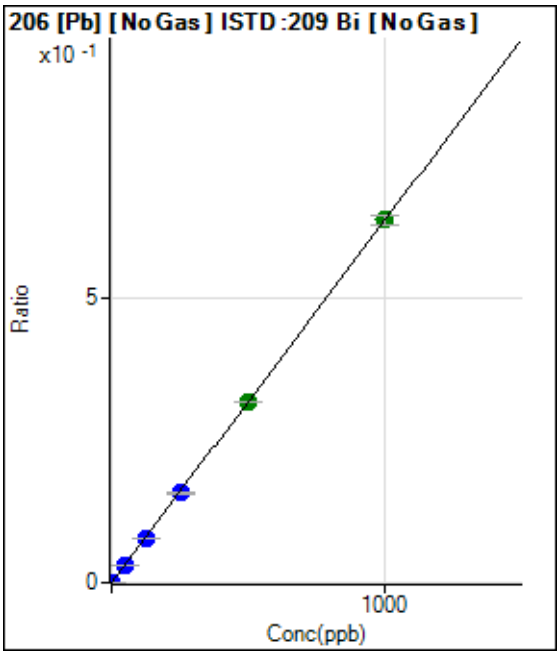
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	802.84	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.985	17359.98	0.0019	P	4.0
4	☐	50.000	50.174	835081.40	0.0930	P	0.9
5	☐	125.000	126.195	2147266.50	0.2337	A	2.0
6	☐	250.000	251.427	4208093.28	0.4656	A	0.7
7	☐	500.000	491.926	8271026.49	0.9109	A	0.2
8	☐	1000.000	1003.522	16328917.21	1.8580	A	3.2
9	☐			10346.43	0.0012	P	8.1

y = 0.0019 * x + 9.0759E-005
R = 0.9999
DL = 0.008701

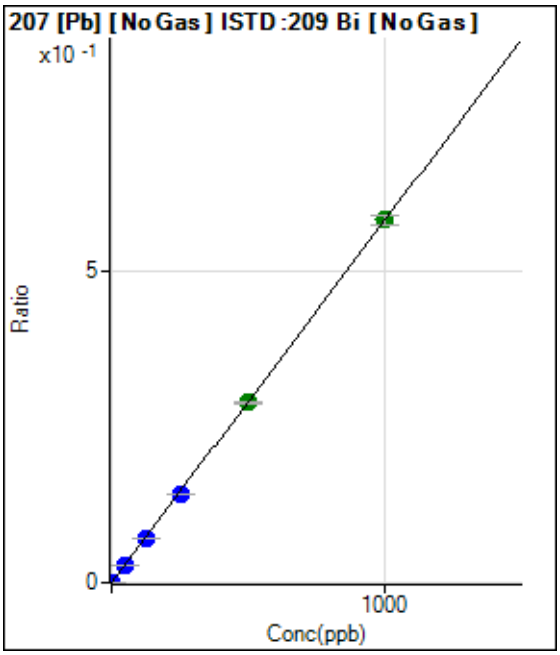
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.24	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	0.983	6049.76	0.0007	P	1.6
4	☐	50.000	49.396	282588.44	0.0315	P	0.8
5	☐	125.000	122.274	714946.07	0.0778	P	2.3
6	☐	250.000	247.102	1421126.91	0.1572	P	0.6
7	☐	500.000	497.836	2876151.39	0.3167	A	0.5
8	☐	1000.000	1002.178	5603558.06	0.6376	A	2.9
9	☐			32571.94	0.0039	P	2.6

y = 6.3615E-004 * x + 4.2076E-005
R = 1.0000
DL = 0.01141

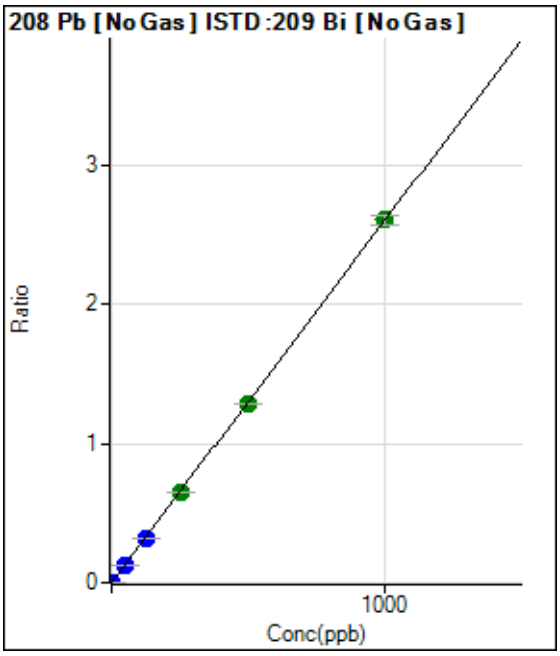
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	287.05	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	0.966	5386.53	0.0006	P	1.5
4	☐	50.000	49.018	256317.53	0.0285	P	0.9
5	☐	125.000	122.169	652917.92	0.0711	P	2.9
6	☐	250.000	244.648	1286244.33	0.1423	P	1.0
7	☐	500.000	498.640	2633635.59	0.2900	A	0.8
8	☐	1000.000	1002.421	5124306.66	0.5830	A	2.4
9	☐			27222.35	0.0032	P	2.3

y = 5.8158E-004 * x + 3.2515E-005
R = 1.0000
DL = 0.03682

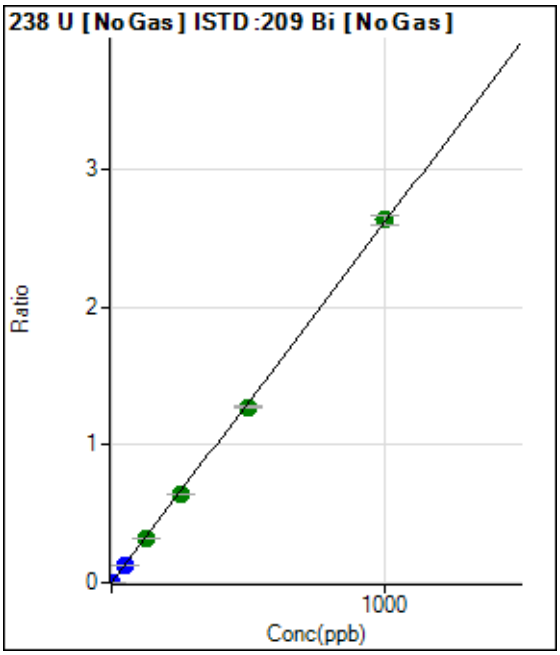
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1394.52	0.0002	P	1.7
2	☐	0.100					
3	☐	1.000	0.966	24178.20	0.0027	P	1.3
4	☐	50.000	49.551	1157733.73	0.1289	P	1.0
5	☐	125.000	122.897	2934905.05	0.3195	P	2.6
6	☐	250.000	249.266	5855365.00	0.6479	A	0.9
7	☐	500.000	495.058	11682374.39	1.2865	A	0.0
8	☐	1000.000	1002.940	22905732.23	2.6062	A	2.8
9	☐			127774.17	0.0152	P	2.0

y = 0.0026 * x + 1.5771E-004
R = 1.0000
DL = 0.003153

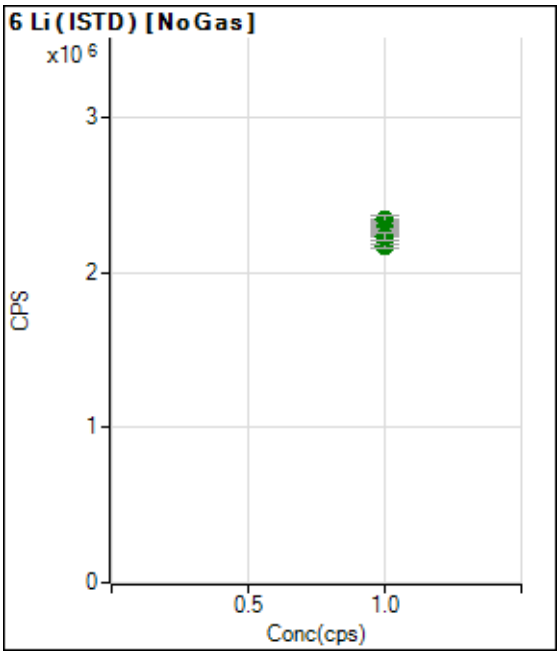
Weight: <None>
Min Conc: 0



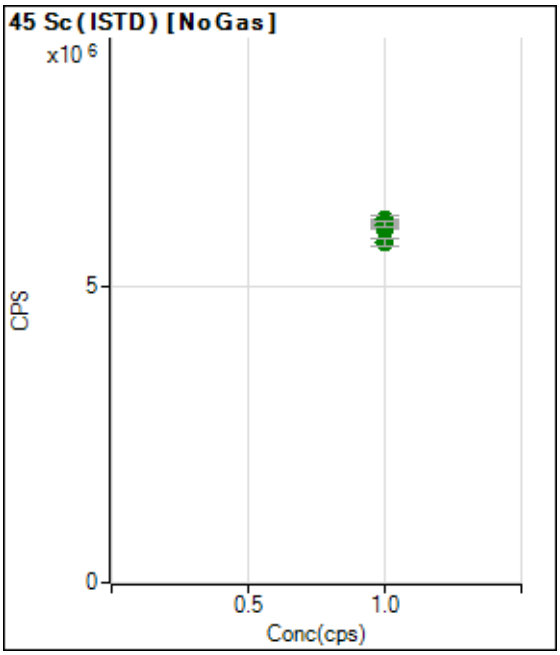
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	0.926	21964.78	0.0024	P	1.2
4	☐	50.000	48.825	1145468.45	0.1275	P	0.7
5	☐	125.000	122.573	2941030.12	0.3202	A	3.1
6	☐	250.000	246.507	5819758.77	0.6439	A	1.4
7	☐	500.000	487.468	11562757.64	1.2734	A	0.5
8	☐	1000.000	1007.501	23130762.67	2.6318	A	2.7
9	☐			2108.63	0.0003	P	16.3

y = 0.0026 * x + 3.1456E-006
R = 0.9999
DL = 0.0006704

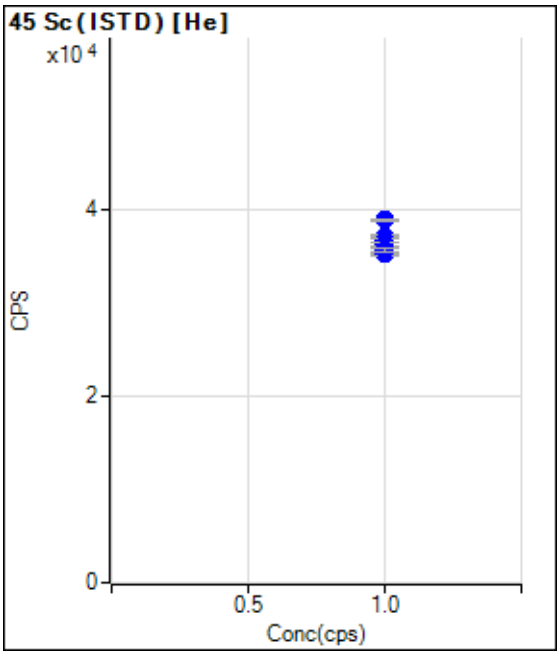
Weight: <None>
Min Conc: 0



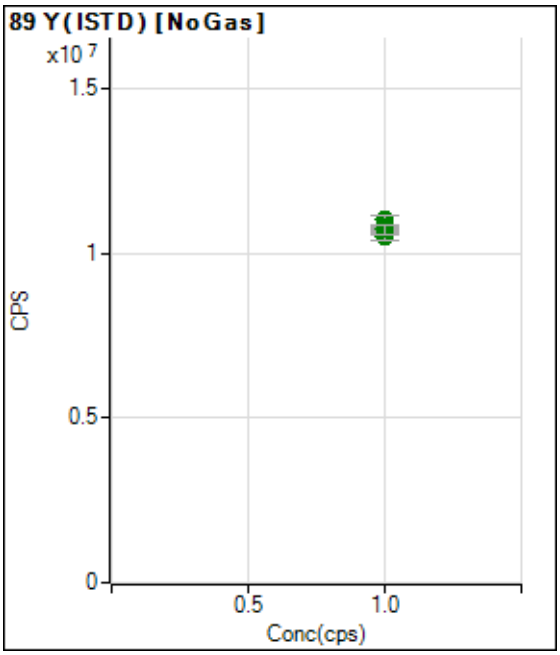
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2293912.10		A	0.6
2	☐	1.000					
3	☐	1.000		2336603.60		A	0.9
4	☐	1.000		2297452.56		A	0.8
5	☐	1.000		2338925.07		A	2.3
6	☐	1.000		2275396.25		A	0.4
7	☐	1.000		2235115.66		A	0.3
8	☐	1.000		2170851.67		A	1.1
9	☐	1.000		2230648.72		A	2.1



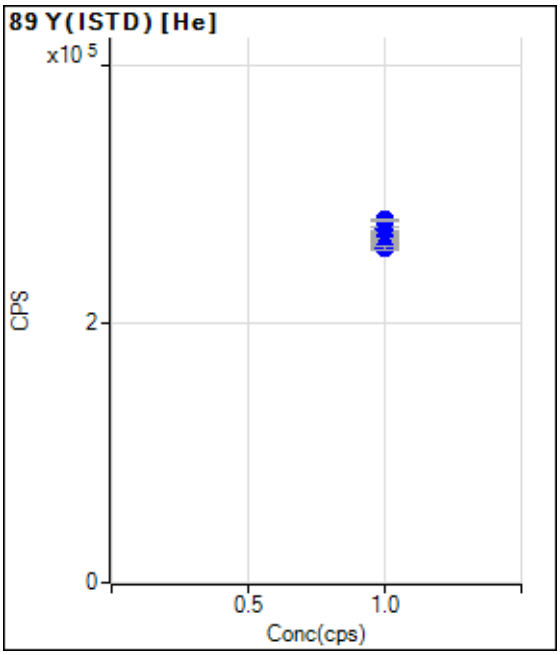
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6067101.79		A	0.9
2	☐	1.000					
3	☐	1.000		6091458.90		A	1.1
4	☐	1.000		6003314.24		A	1.3
5	☐	1.000		6116183.86		A	2.5
6	☐	1.000		6066531.30		A	0.6
7	☐	1.000		5961998.70		A	0.2
8	☐	1.000		5745542.40		A	2.4
9	☐	1.000		6031771.10		A	1.7



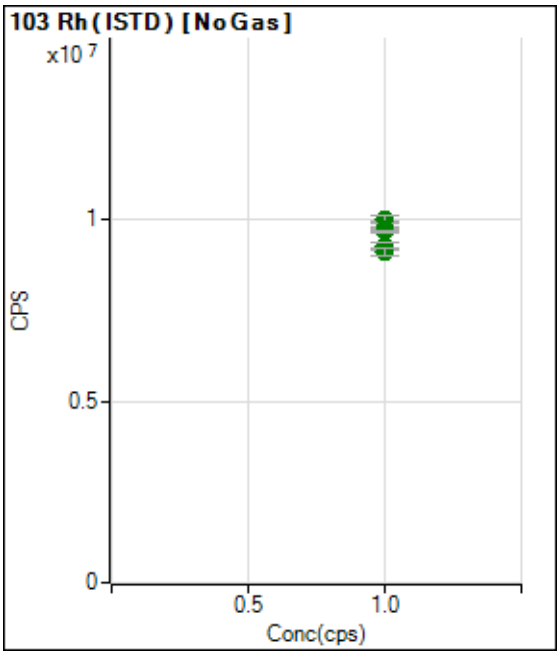
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		36709.12		P	0.9
2	☐	1.000					
3	☐	1.000		37222.74		P	0.7
4	☐	1.000		36736.97		P	1.4
5	☐	1.000		35761.28		P	2.2
6	☐	1.000		36359.34		P	1.2
7	☐	1.000		35205.33		P	1.2
8	☐	1.000		35701.02		P	0.7
9	☐	1.000		38942.95		P	0.7



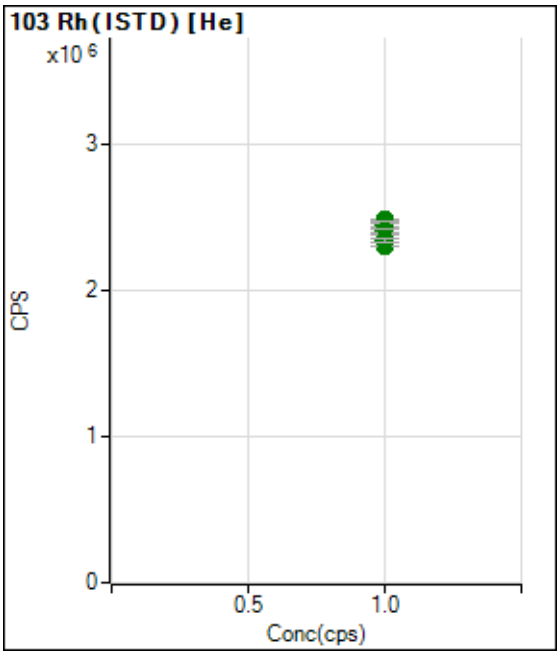
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10676698.59		A	1.0
2	☐	1.000					
3	☐	1.000		10845403.59		A	0.6
4	☐	1.000		10661515.81		A	1.4
5	☐	1.000		11020183.45		A	2.5
6	☐	1.000		10743979.98		A	0.6
7	☐	1.000		10780304.43		A	0.5
8	☐	1.000		10512856.23		A	2.3
9	☐	1.000		10724143.87		A	2.4



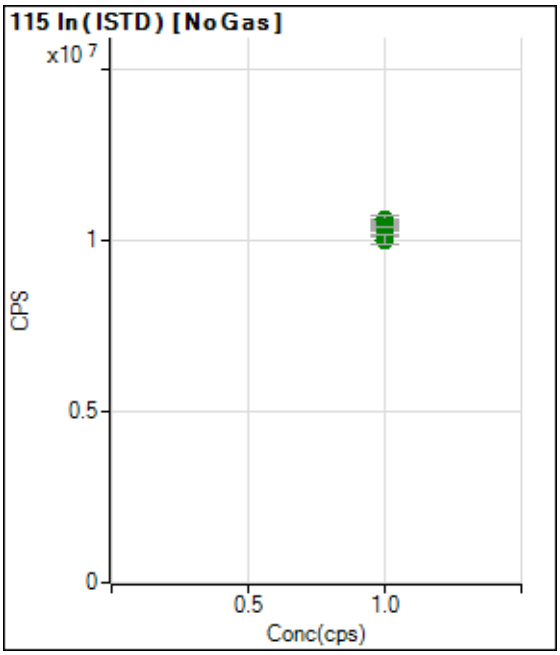
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		267706.01		P	1.9
2	☐	1.000					
3	☐	1.000		274094.51		P	1.0
4	☐	1.000		269962.13		P	0.5
5	☐	1.000		264554.23		P	2.2
6	☐	1.000		266006.55		P	0.6
7	☐	1.000		260604.27		P	2.0
8	☐	1.000		258898.47		P	0.9
9	☐	1.000		280445.43		P	0.4



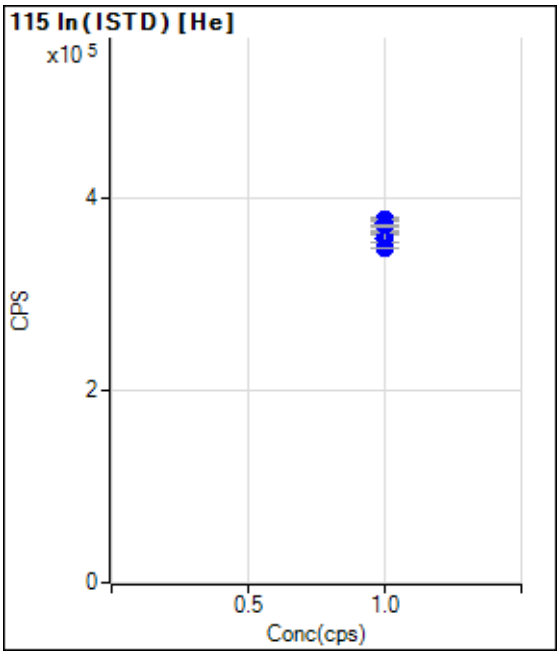
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9715222.79		A	0.9
2	☐	1.000					
3	☐	1.000		9944916.46		A	0.6
4	☐	1.000		9754800.91		A	1.3
5	☐	1.000		9993866.02		A	2.3
6	☐	1.000		9759851.35		A	0.6
7	☐	1.000		9667620.27		A	0.6
8	☐	1.000		9268524.34		A	2.3
9	☐	1.000		9123179.28		A	2.3



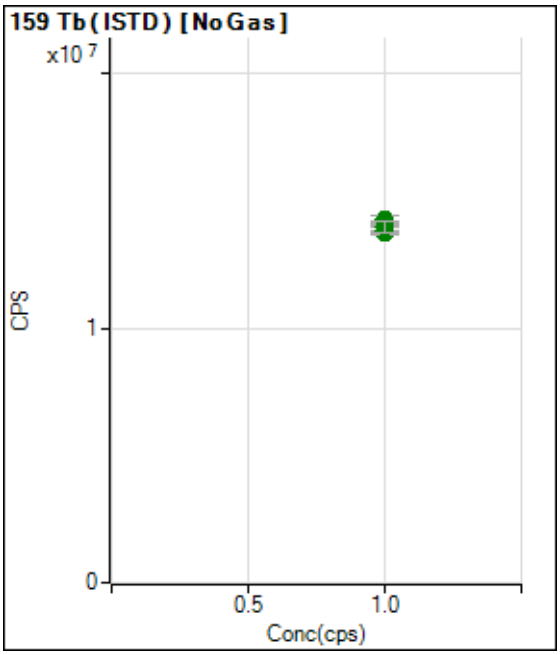
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2449533.28		A	1.7
2	☐	1.000					
3	☐	1.000		2481344.06		A	0.4
4	☐	1.000		2461904.98		A	0.6
5	☐	1.000		2402571.44		A	1.1
6	☐	1.000		2409014.29		A	1.0
7	☐	1.000		2355018.75		A	2.1
8	☐	1.000		2303138.51		A	0.4
9	☐	1.000		2335516.98		A	1.2



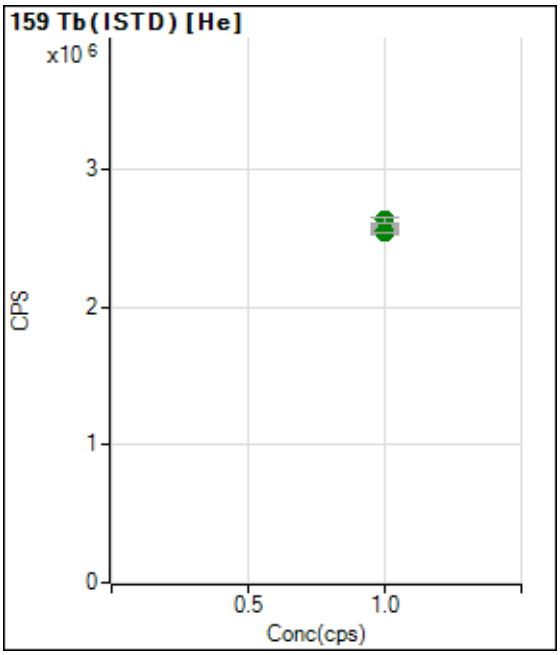
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10304416.63		A	0.4
2	☐	1.000					
3	☐	1.000		10595817.41		A	0.2
4	☐	1.000		10414382.58		A	1.1
5	☐	1.000		10609112.49		A	2.2
6	☐	1.000		10414199.34		A	0.3
7	☐	1.000		10398792.69		A	0.4
8	☐	1.000		10005285.63		A	2.3
9	☐	1.000		10036141.83		A	2.5



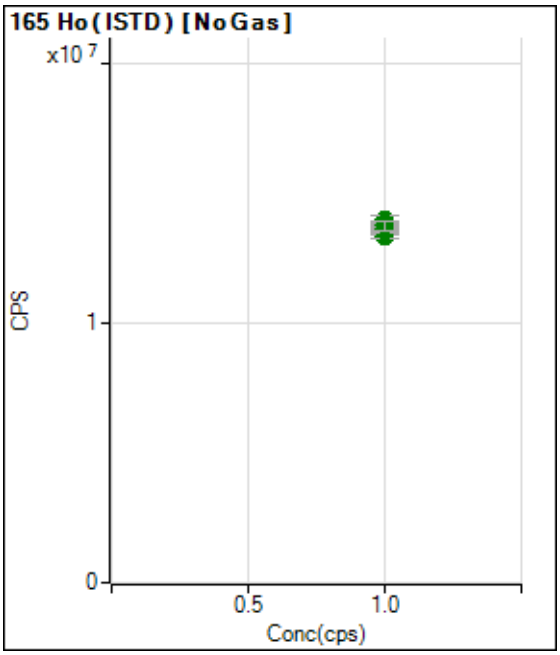
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		373852.95		P	1.7
2	☐	1.000					
3	☐	1.000		377999.75		P	0.9
4	☐	1.000		377813.72		P	0.5
5	☐	1.000		366899.54		P	2.3
6	☐	1.000		366352.65		P	0.1
7	☐	1.000		358646.44		P	2.8
8	☐	1.000		348582.93		P	0.2
9	☐	1.000		371709.67		P	0.8



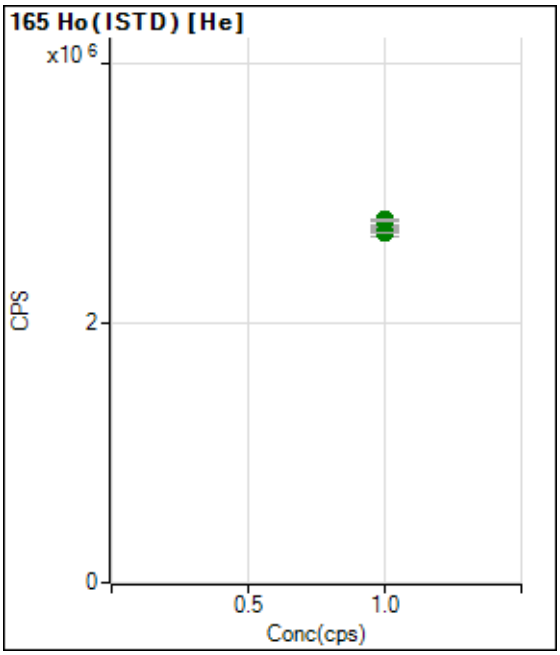
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13746758.41		A	1.1
2	☐	1.000					
3	☐	1.000		14090477.85		A	0.8
4	☐	1.000		13864365.63		A	1.4
5	☐	1.000		14261327.98		A	2.3
6	☐	1.000		14192797.84		A	0.7
7	☐	1.000		14174369.93		A	0.2
8	☐	1.000		13852714.79		A	2.2
9	☐	1.000		13988798.54		A	3.2



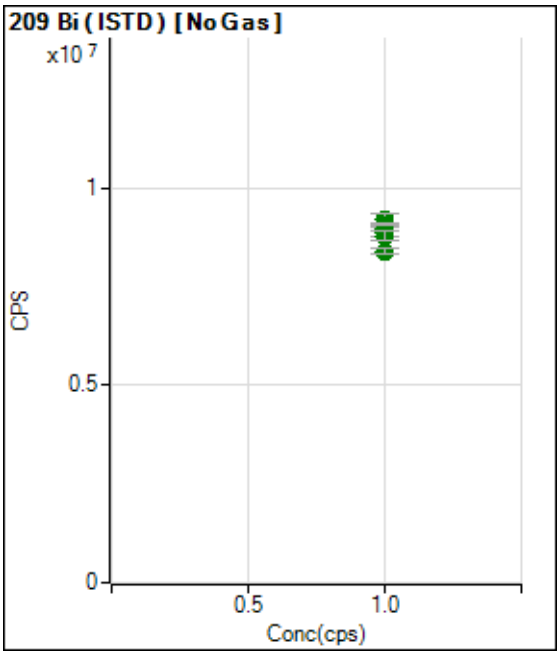
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2537467.27		A	1.0
2	☐	1.000					
3	☐	1.000		2589872.08		A	0.7
4	☐	1.000		2585033.57		A	1.2
5	☐	1.000		2543146.84		A	2.0
6	☐	1.000		2584598.50		A	0.8
7	☐	1.000		2553079.30		A	2.4
8	☐	1.000		2537895.46		A	0.5
9	☐	1.000		2631125.15		A	1.4



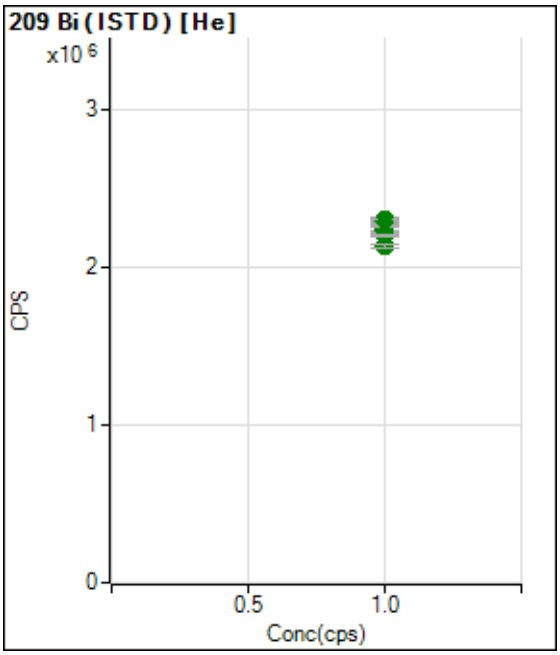
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13339908.29		A	1.0
2	☐	1.000					
3	☐	1.000		13711389.37		A	0.8
4	☐	1.000		13577563.15		A	1.5
5	☐	1.000		13964201.53		A	3.0
6	☐	1.000		13827702.39		A	0.3
7	☐	1.000		13856825.48		A	0.2
8	☐	1.000		13626590.41		A	1.9
9	☐	1.000		13744232.42		A	2.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2687006.25		A	1.4
2	☐	1.000					
3	☐	1.000		2733426.35		A	0.0
4	☐	1.000		2735462.60		A	1.2
5	☐	1.000		2687313.59		A	1.9
6	☐	1.000		2729010.65		A	0.7
7	☐	1.000		2697204.96		A	2.2
8	☐	1.000		2691149.61		A	0.3
9	☐	1.000		2792744.16		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8842981.47		A	1.2
2	☐	1.000					
3	☐	1.000		9065152.02		A	0.7
4	☐	1.000		8981400.91		A	1.0
5	☐	1.000		9190624.72		A	3.1
6	☐	1.000		9038444.45		A	0.7
7	☐	1.000		9080526.04		A	0.2
8	☐	1.000		8792483.69		A	2.2
9	☐	1.000		8401423.76		A	2.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2269536.18		A	2.5
2	☐	1.000					
3	☐	1.000		2304998.12		A	1.3
4	☐	1.000		2295182.13		A	1.0
5	☐	1.000		2248417.80		A	1.7
6	☐	1.000		2268727.03		A	0.4
7	☐	1.000		2241325.85		A	1.9
8	☐	1.000		2205360.45		A	0.4
9	☐	1.000		2140371.69		A	1.4

US EPA Tune Check Sample Report

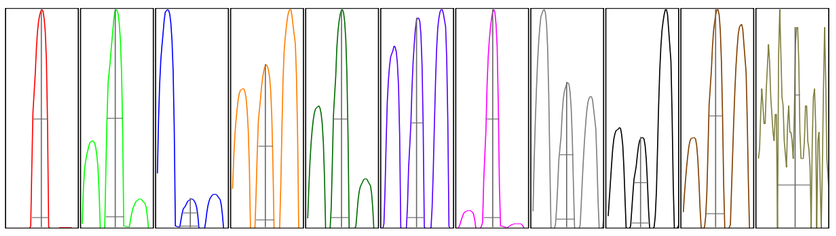
Batch Folder D:\P8071618-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7025	2.45	5.00	
24	115029	2.49	5.00	
25	15439	2.52	5.00	
26	17800	2.65	5.00	
59	72978	2.58	5.00	
113	10309	1.70	5.00	
115	132509	0.82	5.00	
206	31844	1.70	5.00	
207	29060	1.62	5.00	
208	69315	1.73	5.00	
220	1	32.87		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6761	7106	6954	7107	7199
24	111103	115724	113481	116166	118671
25	14824	15591	15303	15697	15782
26	17104	17916	17562	18156	18260
59	70842	73904	71031	74435	74679
113	10117	10458	10120	10394	10454
115	132121	133237	130773	132988	133429
206	31205	31485	31762	32227	32542
207	28591	28618	29004	29483	29602
208	68603	67675	69402	70431	70462
220	1	1	0	0	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	12258	9.00	8.9 - 9.1		0.738	0.900	
24	191351	23.95	23.9 - 24.1		0.785	0.900	
25	25713	24.95	24.9 - 25.1		0.787	0.900	
26	30083	25.95	25.9 - 26.1		0.782	0.900	
59	129191	59.00	58.9 - 59.1		0.769	0.900	
113	19667	113.00	112.9 - 113.1		0.722	0.900	
115	252688	115.05	114.9 - 115.1		0.733	0.900	
206	58538	206.00	205.9 - 206.1		0.774	0.900	
207	52961	206.95	206.9 - 207.1		0.775	0.900	
208	127093	207.95	207.9 - 208.1		0.778	0.900	
220	1	220.15	-		1.352		

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

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	13.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7832	1.95	
89	7574	2.07	
205	13669	2.13	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7616	7901	7961	7952	7730
89	7350	7647	7711	7690	7470
205	13244	13769	13904	13924	13502

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-0.62	-0.62	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.05	0.06	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	0.00	-0.07	0.00	N/A	ppb
Boron	11-1	-0.11	0.04	0.07	0.00	N/A	ppb
Cadmium	111-1	0.10	-0.04	-0.05	0.00	N/A	ppb
Cadmium	106-1	1.33	-0.60	-0.74	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.07	-0.04	0.00	N/A	ppb
Calcium	43-1	2.90	-3.60	0.70	0.00	N/A	ppb
Calcium	44-1	0.07	-0.69	0.62	0.00	N/A	ppb
Chromium	52-2	-0.08	0.06	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.02	-0.02	0.00	N/A	ppb
Copper	63-2	0.03	0.01	-0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.17	-0.08	-0.09	0.00	N/A	ppb
Iron	57-2	2.51	-1.25	-1.25	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.81	2.81	-2.00	0.00	N/A	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.07	-0.10	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.03	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-27.99	5.85	5.87	-5.42		ppb
Potassium	39-2	25.45	-24.08	-1.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	5.22	-2.61	-2.61	0.00	N/A	ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	0.17	-0.25	0.09	0.00	N/A	ppb
Silicon	28-1	0.58	-0.34	-0.23	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	4.75	-1.32	-3.43	0.00	N/A	ppb
Strontium	86-1	0.02	0.03	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	252.41	-13.70	-162.56	25.38	828.20	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-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	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.08	0.04	0.00	N/A	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.94	37.63	15.93	25.50	43.43	ppb
Antimony	121-1	1.98	1.95	1.87	1.93	2.90	ppb
Arsenic	75-2	1.18	1.08	1.05	1.10	6.11	ppb
Barium	135-1	9.53	9.53	9.41	9.49	0.75	ppb
Barium	137-1	9.72	9.49	9.72	9.64	1.41	ppb
Beryllium	9-1	1.04	1.09	0.98	1.04	5.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	23.15	25.07	23.72	23.98	4.12	ppb
Boron	11-1	22.52	23.62	24.38	23.51	3.99	ppb
Cadmium	111-1	0.97	0.98	0.98	0.98	0.78	ppb
Cadmium	106-1	0.61	0.51	0.48	0.53	13.24	ppb
Cadmium	108-1	1.01	1.16	0.87	1.01	14.08	ppb
Calcium	43-1	460.33	417.61	448.65	442.20	4.99	ppb
Calcium	44-1	454.14	439.28	437.87	443.76	2.03	ppb
Chromium	52-2	2.07	2.23	2.12	2.14	3.73	ppb
Cobalt	59-2	0.98	1.04	1.02	1.01	2.69	ppb
Copper	63-2	2.14	2.06	2.11	2.10	2.02	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	48.68	50.48	51.65	50.27	2.98	ppb
Iron	57-2	52.30	46.87	53.10	50.75	6.68	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.99	0.99	0.98	1.70	ppb
Lead	207-1	0.98	0.97	0.95	0.97	1.63	ppb
Lead	208-1	0.97	0.95	0.98	0.97	1.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	454.44	455.90	490.23	466.86	4.34	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	1.18	1.07	1.03	16.23	ppb
Molybdenum	94-1	4.87	4.58	5.07	4.84	5.08	ppb
Molybdenum	95-1	4.72	4.80	4.65	4.72	1.58	ppb
Molybdenum	96-1	4.83	4.59	4.61	4.68	2.77	ppb
Molybdenum	97-1	4.80	4.87	4.93	4.87	1.30	ppb
Molybdenum	98-1	4.77	4.71	4.82	4.76	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.25	1.17	1.20	3.45	ppb
Phosphorus	31-2	38.74	5.51	-27.99	5.42	615.37	ppb
Potassium	39-2	430.08	482.92	439.08	450.69	6.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	12.57	-2.61	-2.61	2.45	357.70	ppb
Selenium	78-2	5.96	2.34	2.34	3.54	58.90	ppb
Selenium	82-1	4.46	4.92	4.65	4.68	4.85	ppb
Silicon	28-1	15.90	13.00	14.84	14.58	10.05	ppb
Silver	109-1	1.01	1.02	1.06	1.03	2.60	ppb
Silver	107-1	0.96	1.04	1.05	1.02	4.65	ppb
Sodium	23-2	484.50	486.11	490.25	486.95	0.61	ppb
Strontium	86-1	1.02	0.99	1.11	1.04	5.84	ppb
Strontium	88-1	0.97	0.99	0.97	0.98	1.46	ppb
Sulfur	34-1	125.87	-186.38	-15.64	-25.38		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.97	0.98	0.97	0.92	ppb
Thallium	205-1	1.02	0.94	0.99	0.99	4.19	ppb
Tin	118-1	4.84	4.83	4.96	4.88	1.48	ppb
Titanium	47-1	4.99	4.91	4.53	4.81	5.03	ppb
Uranium	238-1	0.92	0.92	0.94	0.93	1.19	ppb
Vanadium	51-2	4.89	5.09	4.78	4.92	3.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.01	2.39	3.00	2.47	20.38	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.98	0.93	0.96	2.47	ppb
Zirconium	91-1	0.91	0.92	0.98	0.94	4.29	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1002.48	1106.76	1007.25	1038.83	5.67	ppb
Antimony	121-1	48.80	51.33	50.80	50.31	2.66	ppb
Arsenic	75-2	52.64	49.01	51.88	51.18	3.74	ppb
Barium	135-1	246.38	256.01	253.12	251.83	1.96	ppb
Barium	137-1	252.52	258.17	257.28	255.99	1.19	ppb
Beryllium	9-1	50.62	50.73	51.79	51.05	1.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	48.18	49.29	48.53	48.67	1.16	ppb
Boron	11-1	49.14	50.74	52.56	50.82	3.37	ppb
Cadmium	111-1	51.11	53.40	51.99	52.17	2.22	ppb
Cadmium	106-1	51.14	54.34	49.17	51.55	5.06	ppb
Cadmium	108-1	50.98	52.78	51.96	51.91	1.73	ppb
Calcium	43-1	4609.45	4562.79	4799.73	4657.33	2.69	ppb
Calcium	44-1	4639.44	4667.52	4715.60	4674.19	0.82	ppb
Chromium	52-2	51.54	52.02	51.09	51.55	0.91	ppb
Cobalt	59-2	52.53	52.26	51.45	52.08	1.08	ppb
Copper	63-2	104.18	106.35	104.98	105.17	1.04	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2557.45	2595.52	2543.25	2565.41	1.05	ppb
Iron	57-2	2413.95	2516.14	2535.03	2488.37	2.62	ppb
Krypton	83-1						cps
Lead	206-1	48.94	49.60	49.65	49.40	0.81	ppb
Lead	207-1	48.48	49.33	49.25	49.02	0.95	ppb
Lead	208-1	49.00	49.89	49.76	49.55	0.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	4927.82	5055.73	5010.52	4998.02	1.30	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.11	106.99	101.05	104.05	2.86	ppb
Molybdenum	94-1	249.09	256.30	253.52	252.97	1.44	ppb
Molybdenum	95-1	251.27	255.82	253.65	253.58	0.90	ppb
Molybdenum	96-1	249.11	254.38	253.00	252.16	1.08	ppb
Molybdenum	97-1	246.43	255.79	250.43	250.88	1.87	ppb
Molybdenum	98-1	247.32	254.87	252.30	251.50	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.66	53.48	53.25	53.13	0.80	ppb
Phosphorus	31-2	745.15	1284.17	1090.61	1039.98	26.26	ppb
Potassium	39-2	2392.31	2540.27	2357.00	2429.86	4.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	27.73	73.98	50.55	50.75	45.56	ppb
Selenium	78-2	58.37	44.50	53.67	52.18	13.52	ppb
Selenium	82-1	51.21	53.49	50.10	51.60	3.35	ppb
Silicon	28-1	55.87	59.97	60.34	58.73	4.23	ppb
Silver	109-1	51.56	52.19	52.25	52.00	0.74	ppb
Silver	107-1	51.32	52.82	52.37	52.17	1.48	ppb
Sodium	23-2	4953.14	5045.53	4977.10	4991.92	0.96	ppb
Strontium	86-1	48.35	51.53	49.72	49.87	3.20	ppb
Strontium	88-1	50.25	51.82	50.89	50.99	1.55	ppb
Sulfur	34-1	832.78	1265.78	1362.51	1153.69	24.45	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	48.56	49.21	49.49	49.09	0.97	ppb
Thallium	205-1	49.65	50.46	50.42	50.17	0.91	ppb
Tin	118-1	50.38	51.08	50.75	50.74	0.69	ppb
Titanium	47-1	242.91	248.34	248.52	246.59	1.29	ppb
Uranium	238-1	48.48	48.85	49.15	48.83	0.69	ppb
Vanadium	51-2	50.86	50.84	50.85	50.85	0.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	103.96	110.77	104.42	106.38	3.58	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.56	50.48	49.40	49.48	1.95	ppb
Zirconium	91-1	47.78	49.51	48.97	48.75	1.81	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2560.76	2330.84	2471.33	2454.31	4.72	ppb
Antimony	121-1	128.23	124.60	127.11	126.65	1.47	ppb
Arsenic	75-2	130.23	125.39	130.25	128.62	2.18	ppb
Barium	135-1	636.79	618.87	629.93	628.53	1.44	ppb
Barium	137-1	648.31	630.65	644.84	641.27	1.46	ppb
Beryllium	9-1	128.03	124.18	126.87	126.36	1.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	120.42	120.97	122.91	121.43	1.08	ppb
Boron	11-1	122.50	119.64	124.94	122.36	2.17	ppb
Cadmium	111-1	128.64	127.09	128.83	128.19	0.74	ppb
Cadmium	106-1	125.39	129.88	129.20	128.16	1.89	ppb
Cadmium	108-1	128.04	127.56	126.61	127.40	0.57	ppb
Calcium	43-1	11779.63	11508.54	11586.68	11624.95	1.20	ppb
Calcium	44-1	11714.83	11336.13	11434.50	11495.15	1.71	ppb
Chromium	52-2	137.75	132.01	129.28	133.02	3.25	ppb
Cobalt	59-2	138.60	131.65	129.08	133.11	3.70	ppb
Copper	63-2	279.66	266.46	260.02	268.71	3.73	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				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	6920.39	6585.01	6482.50	6662.63	3.44	ppb
Iron	57-2	6628.43	6319.62	6332.63	6426.89	2.72	ppb
Krypton	83-1						cps
Lead	206-1	125.32	119.85	121.65	122.27	2.28	ppb
Lead	207-1	126.01	119.18	121.32	122.17	2.86	ppb
Lead	208-1	126.21	119.98	122.50	122.90	2.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	13441.32	12707.26	12566.09	12904.89	3.64	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	279.08	263.99	259.57	267.55	3.82	ppb
Molybdenum	94-1	639.96	619.30	622.10	627.12	1.79	ppb
Molybdenum	95-1	639.16	618.24	630.14	629.18	1.67	ppb
Molybdenum	96-1	635.30	618.25	625.21	626.25	1.37	ppb
Molybdenum	97-1	626.31	609.08	612.53	615.97	1.48	ppb
Molybdenum	98-1	633.87	616.74	616.62	622.41	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.80	133.09	133.68	135.86	3.16	ppb
Phosphorus	31-2	2869.58	2935.61	2572.08	2792.42	6.94	ppb
Potassium	39-2	6305.47	6048.94	5957.87	6104.09	2.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	100.88	144.22	149.94	131.68	20.37	ppb
Selenium	78-2	150.00	110.42	138.92	133.12	15.34	ppb
Selenium	82-1	127.91	124.98	124.85	125.91	1.37	ppb
Silicon	28-1	146.65	139.00	140.58	142.08	2.84	ppb
Silver	109-1	129.44	126.90	128.66	128.33	1.01	ppb
Silver	107-1	130.32	126.75	129.36	128.81	1.44	ppb
Sodium	23-2	13107.76	12594.64	12379.35	12693.92	2.95	ppb
Strontium	86-1	126.92	122.97	122.83	124.24	1.87	ppb
Strontium	88-1	128.47	125.52	126.23	126.74	1.21	ppb
Sulfur	34-1	2628.64	1895.69	2065.69	2196.67	17.46	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	125.29	121.37	123.07	123.24	1.59	ppb
Thallium	205-1	129.00	123.98	125.60	126.20	2.03	ppb
Tin	118-1	126.23	124.25	126.82	125.76	1.07	ppb
Titanium	47-1	628.01	600.87	619.27	616.05	2.25	ppb
Uranium	238-1	126.29	118.79	122.64	122.57	3.06	ppb
Vanadium	51-2	137.29	128.60	128.32	131.40	3.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	283.29	265.87	266.00	271.72	3.69	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	130.32	121.61	125.46	125.80	3.47	ppb
Zirconium	91-1	126.48	121.37	123.04	123.63	2.11	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4967.67	4743.23	4817.07	4842.66	2.36	ppb
Antimony	121-1	250.80	248.94	253.11	250.95	0.83	ppb
Arsenic	75-2	249.57	248.19	252.48	250.08	0.88	ppb
Barium	135-1	1248.61	1248.26	1270.24	1255.70	1.00	ppb
Barium	137-1	1251.94	1253.38	1252.61	1252.64	0.06	ppb
Beryllium	9-1	249.25	251.24	253.38	251.29	0.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	238.25	248.51	247.94	244.90	2.36	ppb
Boron	11-1	235.65	247.12	252.52	245.10	3.52	ppb
Cadmium	111-1	249.69	250.25	254.21	251.38	0.98	ppb
Cadmium	106-1	251.44	242.81	257.25	250.50	2.90	ppb
Cadmium	108-1	254.54	247.05	256.64	252.74	2.00	ppb
Calcium	43-1	23100.25	22721.12	22859.82	22893.73	0.84	ppb
Calcium	44-1	22732.22	22512.62	22777.15	22674.00	0.62	ppb
Chromium	52-2	255.43	250.81	256.90	254.38	1.25	ppb
Cobalt	59-2	255.57	254.53	257.54	255.88	0.60	ppb
Copper	63-2	515.12	509.36	519.44	514.64	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	12745.03	12418.54	12750.76	12638.11	1.50	ppb
Iron	57-2	12432.77	12329.19	12493.80	12418.58	0.67	ppb
Krypton	83-1						cps
Lead	206-1	248.66	245.96	246.69	247.10	0.57	ppb
Lead	207-1	246.66	242.05	245.23	244.65	0.96	ppb
Lead	208-1	251.71	247.23	248.86	249.27	0.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	24816.20	24315.64	24799.30	24643.71	1.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.29	508.52	515.35	511.72	0.67	ppb
Molybdenum	94-1	1253.99	1241.27	1274.57	1256.61	1.34	ppb
Molybdenum	95-1	1246.24	1243.70	1263.86	1251.26	0.88	ppb
Molybdenum	96-1	1253.01	1251.59	1276.63	1260.41	1.12	ppb
Molybdenum	97-1	1270.11	1258.15	1283.05	1270.44	0.98	ppb
Molybdenum	98-1	1239.53	1243.09	1249.31	1243.98	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.04	258.21	262.41	259.55	0.95	ppb
Phosphorus	31-2	4555.04	5400.31	4899.01	4951.45	8.58	ppb
Potassium	39-2	11975.73	11761.83	11744.95	11827.50	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	261.79	267.53	297.23	275.52	6.90	ppb
Selenium	78-2	245.41	255.70	257.12	252.75	2.53	ppb
Selenium	82-1	256.83	251.92	252.67	253.80	1.04	ppb
Silicon	28-1	252.72	252.76	256.47	253.98	0.85	ppb
Silver	109-1	257.60	254.72	256.76	256.36	0.58	ppb
Silver	107-1	256.39	253.29	255.57	255.09	0.63	ppb
Sodium	23-2	24700.44	24901.55	25027.53	24876.51	0.66	ppb
Strontium	86-1	249.44	249.93	250.55	249.97	0.22	ppb
Strontium	88-1	255.01	250.23	253.15	252.80	0.95	ppb
Sulfur	34-1	4571.01	4425.03	4334.76	4443.60	2.68	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	251.54	248.36	247.03	248.98	0.93	ppb
Thallium	205-1	252.53	249.32	252.44	251.43	0.73	ppb
Tin	118-1	247.44	247.57	251.22	248.74	0.86	ppb
Titanium	47-1	1227.37	1209.41	1218.51	1218.43	0.74	ppb
Uranium	238-1	249.38	242.77	247.37	246.51	1.37	ppb
Vanadium	51-2	251.46	250.88	253.77	252.04	0.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	511.58	511.02	513.26	511.95	0.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	255.03	250.26	252.66	252.65	0.94	ppb
Zirconium	91-1	250.21	245.40	247.54	247.71	0.97	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9709.19	9295.03	9708.87	9571.03	2.50	ppb
Antimony	121-1	496.14	499.76	498.77	498.22	0.38	ppb
Arsenic	75-2	492.60	502.25	515.29	503.38	2.26	ppb
Barium	135-1	2476.96	2477.55	2488.64	2481.05	0.27	ppb
Barium	137-1	2465.53	2452.45	2488.99	2468.99	0.75	ppb
Beryllium	9-1	498.68	502.22	503.12	501.34	0.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	480.13	501.22	507.22	496.19	2.87	ppb
Boron	11-1	477.09	498.81	500.15	492.01	2.63	ppb
Cadmium	111-1	497.06	493.58	498.01	496.22	0.47	ppb
Cadmium	106-1	498.12	497.82	498.36	498.10	0.05	ppb
Cadmium	108-1	497.11	497.94	502.40	499.15	0.57	ppb
Calcium	43-1	46069.56	46251.95	46252.31	46191.27	0.23	ppb
Calcium	44-1	45586.68	45598.97	45736.64	45640.76	0.18	ppb
Chromium	52-2	515.27	504.93	519.97	513.39	1.50	ppb
Cobalt	59-2	511.99	506.89	524.02	514.30	1.71	ppb
Copper	63-2	1026.53	1017.41	1050.31	1031.42	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	25242.86	25103.72	25732.23	25359.60	1.30	ppb
Iron	57-2	24838.20	24667.57	25346.13	24950.63	1.41	ppb
Krypton	83-1						cps
Lead	206-1	497.50	500.36	495.65	497.84	0.48	ppb
Lead	207-1	503.18	497.87	494.87	498.64	0.84	ppb
Lead	208-1	495.20	494.93	495.04	495.06	0.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	49649.87	49113.58	50073.53	49612.33	0.97	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.34	1019.33	1053.19	1035.95	1.64	ppb
Molybdenum	94-1	2448.82	2482.05	2469.84	2466.91	0.68	ppb
Molybdenum	95-1	2440.10	2468.38	2459.77	2456.08	0.59	ppb
Molybdenum	96-1	2452.78	2480.20	2464.27	2465.75	0.56	ppb
Molybdenum	97-1	2477.59	2506.66	2481.70	2488.65	0.63	ppb
Molybdenum	98-1	2465.56	2467.58	2479.07	2470.74	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.83	509.61	527.09	517.51	1.71	ppb
Phosphorus	31-2	10504.51	10959.44	11358.53	10940.83	3.91	ppb
Potassium	39-2	23773.44	23627.16	24364.04	23921.55	1.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	523.82	485.69	553.65	521.06	6.54	ppb
Selenium	78-2	532.95	518.42	497.44	516.27	3.46	ppb
Selenium	82-1	497.06	501.39	493.41	497.29	0.80	ppb
Silicon	28-1	492.88	502.99	503.59	499.82	1.20	ppb
Silver	109-1	503.01	502.45	496.76	500.74	0.69	ppb
Silver	107-1	500.23	499.30	501.06	500.20	0.18	ppb
Sodium	23-2	50062.69	48614.23	50717.02	49797.98	2.16	ppb
Strontium	86-1	491.22	495.44	492.66	493.11	0.44	ppb
Strontium	88-1	491.79	496.81	493.28	493.96	0.52	ppb
Sulfur	34-1	9644.05	9539.56	9673.63	9619.08	0.73	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	496.31	497.21	497.62	497.05	0.13	ppb
Thallium	205-1	490.70	492.01	493.07	491.93	0.24	ppb
Tin	118-1	504.37	500.01	498.63	501.01	0.60	ppb
Titanium	47-1	2511.31	2503.08	2478.32	2497.57	0.69	ppb
Uranium	238-1	485.39	489.97	487.04	487.47	0.48	ppb
Vanadium	51-2	512.90	505.13	521.07	513.03	1.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1036.38	1022.69	1054.68	1037.92	1.55	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.18	495.98	496.44	495.20	0.36	ppb
Zirconium	91-1	491.51	492.19	493.03	492.25	0.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18255.32	18485.50	18628.70	18456.51	1.02	ppb
Antimony	121-1	989.59	985.33	1026.38	1000.43	2.26	ppb
Arsenic	75-2	980.73	1003.58	1009.02	997.78	1.50	ppb
Barium	135-1	4930.63	4940.87	5151.04	5007.52	2.48	ppb
Barium	137-1	4949.25	4937.40	5150.89	5012.51	2.39	ppb
Beryllium	9-1	988.31	988.19	1019.86	998.78	1.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	972.51	1001.77	1036.87	1003.72	3.21	ppb
Boron	11-1	981.32	991.00	1044.32	1005.55	3.37	ppb
Cadmium	111-1	977.22	984.86	1041.04	1001.04	3.48	ppb
Cadmium	106-1	994.32	980.58	1026.16	1000.35	2.34	ppb
Cadmium	108-1	993.55	979.38	1025.09	999.34	2.34	ppb
Calcium	43-1	96489.25	92288.57	98423.83	95733.88	3.28	ppb
Calcium	44-1	93229.00	90585.56	96839.93	93551.50	3.36	ppb
Chromium	52-2	984.35	986.21	1002.82	991.13	1.03	ppb
Cobalt	59-2	983.77	983.89	1003.12	990.26	1.12	ppb
Copper	63-2	1964.00	1970.45	1999.65	1978.03	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				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	48828.80	49091.86	49454.11	49124.92	0.64	ppb
Iron	57-2	48099.32	48424.12	48819.84	48447.76	0.74	ppb
Krypton	83-1						cps
Lead	206-1	995.96	976.94	1033.63	1002.18	2.88	ppb
Lead	207-1	991.80	985.11	1030.35	1002.42	2.44	ppb
Lead	208-1	993.17	980.99	1034.67	1002.94	2.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	95287.24	96421.77	98158.59	96622.53	1.50	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1952.08	1970.78	2007.23	1976.70	1.42	ppb
Molybdenum	94-1	4988.20	4893.75	5161.50	5014.48	2.71	ppb
Molybdenum	95-1	4998.18	4905.34	5159.31	5020.94	2.56	ppb
Molybdenum	96-1	5006.14	4899.86	5136.78	5014.26	2.37	ppb
Molybdenum	97-1	4997.87	4877.63	5129.45	5001.65	2.52	ppb
Molybdenum	98-1	5001.68	4878.37	5169.11	5016.39	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.52	983.74	999.77	987.34	1.12	ppb
Phosphorus	31-2	18698.85	20218.46	19592.21	19503.17	3.92	ppb
Potassium	39-2	45251.86	45961.44	47299.40	46170.90	2.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	902.20	1046.48	998.02	982.23	7.48	ppb
Selenium	78-2	941.35	1018.28	1010.56	990.06	4.28	ppb
Selenium	82-1	996.06	972.97	1031.60	1000.21	2.95	ppb
Silicon	28-1	992.01	969.18	1028.24	996.48	2.99	ppb
Silver	109-1	986.88	979.92	1025.77	997.52	2.48	ppb
Silver	107-1	990.50	983.50	1020.14	998.05	1.95	ppb
Sodium	23-2	94358.25	95201.14	96167.66	95242.35	0.95	ppb
Strontium	86-1	996.72	988.99	1024.95	1003.55	1.89	ppb
Strontium	88-1	1002.66	977.76	1025.74	1002.05	2.39	ppb
Sulfur	34-1	20310.76	19493.93	21274.68	20359.79	4.38	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	987.18	981.21	1037.61	1002.00	3.09	ppb
Thallium	205-1	990.08	979.84	1040.65	1003.52	3.24	ppb
Tin	118-1	990.86	976.70	1031.48	999.68	2.84	ppb
Titanium	47-1	5007.17	4878.85	5145.17	5010.40	2.66	ppb
Uranium	238-1	994.33	989.56	1038.62	1007.50	2.69	ppb
Vanadium	51-2	982.05	988.85	1005.50	992.13	1.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1956.47	1962.85	2005.73	1975.02	1.36	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	999.93	975.08	1029.98	1001.66	2.74	ppb
Zirconium	91-1	1005.08	981.02	1027.94	1004.68	2.34	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100150.01	100363.70	100566.94	100360.22	0.21	ppb
Antimony	121-1	3.05	2.77	2.83	2.88	5.11	ppb
Arsenic	75-2	1.83	2.03	1.85	1.90	5.75	ppb
Barium	135-1	0.93	0.85	0.84	0.88	5.73	ppb
Barium	137-1	0.96	0.96	0.87	0.93	5.56	ppb
Beryllium	9-1	0.36	0.39	0.38	0.38	3.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	56.32	49.06	48.25	51.21	8.68	ppb
Boron	11-1	54.85	48.72	45.05	49.54	10.00	ppb
Cadmium	111-1	0.21	0.21	0.15	0.19	17.67	ppb
Cadmium	106-1	-0.46	-0.29	-0.86	-0.53		ppb
Cadmium	108-1	0.20	0.42	0.31	0.31	34.60	ppb
Calcium	43-1	503153.16	495252.45	505688.71	501364.77	1.09	ppb
Calcium	44-1	505914.54	495442.78	504253.76	501870.36	1.12	ppb
Chromium	52-2	39.41	38.76	39.78	39.32	1.32	ppb
Cobalt	59-2	12.54	12.14	12.91	12.53	3.10	ppb
Copper	63-2	3.49	3.26	3.44	3.40	3.55	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				104		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	250711.24	249213.52	250438.78	250121.18	0.32	ppb
Iron	57-2	252275.14	247592.07	251078.24	250315.15	0.97	ppb
Krypton	83-1						cps
Lead	206-1	6.21	5.91	5.97	6.03	2.60	ppb
Lead	207-1	5.66	5.40	5.49	5.52	2.36	ppb
Lead	208-1	5.93	5.71	5.75	5.79	2.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	497800.41	496360.78	508004.83	500722.01	1.27	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.92	9.25	10.08	9.75	4.50	ppb
Molybdenum	94-1	7.56	7.05	7.16	7.26	3.67	ppb
Molybdenum	95-1	10.14	9.72	9.75	9.87	2.37	ppb
Molybdenum	96-1	10.28	9.82	10.21	10.10	2.45	ppb
Molybdenum	97-1	10.12	9.16	9.81	9.70	5.07	ppb
Molybdenum	98-1	10.06	9.59	9.80	9.81	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.57	31.24	33.13	32.31	3.00	ppb
Phosphorus	31-2	68.80	-27.99	4.14	14.99	328.96	ppb
Potassium	39-2	249728.67	250288.64	252717.91	250911.74	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	-2.61	12.01	4.70	4.70	155.48	ppb
Selenium	78-2	0.00	1.15	1.15	0.76	86.60	ppb
Selenium	82-1	0.57	0.86	0.24	0.56	55.62	ppb
Silicon	28-1	19.00	17.98	22.46	19.81	11.85	ppb
Silver	109-1	0.13	0.10	0.10	0.11	16.82	ppb
Silver	107-1	0.11	0.11	0.10	0.11	3.86	ppb
Sodium	23-2	499720.72	497461.36	505737.38	500973.15	0.85	ppb
Strontium	86-1	4.66	4.62	4.65	4.64	0.50	ppb
Strontium	88-1	4.82	4.68	4.87	4.79	2.09	ppb
Sulfur	34-1	-701.55	-976.74	-622.53	-766.94		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.58	0.63	0.62	0.61	3.95	ppb
Thallium	205-1	0.68	0.60	0.57	0.62	8.76	ppb
Tin	118-1	2.69	2.44	2.52	2.55	5.08	ppb
Titanium	47-1	2.87	2.72	2.82	2.80	2.71	ppb
Uranium	238-1	0.11	0.09	0.08	0.09	16.50	ppb
Vanadium	51-2	0.36	0.38	0.42	0.39	8.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	15.09	14.92	16.63	15.54	6.06	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.19	0.22	0.21	9.43	ppb
Zirconium	91-1	0.24	0.20	0.21	0.22	9.54	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.97	515.81	490.37	496.38	3.47	ppb
Antimony	121-1	193.47	196.82	196.26	195.52	0.92	ppb
Arsenic	75-2	199.13	196.04	194.82	196.66	1.13	ppb
Barium	135-1	98.23	99.22	98.89	98.78	0.51	ppb
Barium	137-1	99.18	100.70	98.57	99.48	1.10	ppb
Beryllium	9-1	97.06	97.69	97.29	97.35	0.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	498.19	510.92	519.10	509.40	2.07	ppb
Boron	11-1	488.73	506.50	529.88	508.37	4.06	ppb
Cadmium	111-1	102.20	103.75	102.88	102.94	0.75	ppb
Cadmium	106-1	162.74	166.10	160.26	163.03	1.80	ppb
Cadmium	108-1	133.51	133.87	133.14	133.51	0.28	ppb
Calcium	43-1	2027.05	1976.65	2021.58	2008.42	1.38	ppb
Calcium	44-1	1893.98	1911.36	1911.47	1905.61	0.53	ppb
Chromium	52-2	97.29	99.00	97.11	97.80	1.07	ppb
Cobalt	59-2	99.77	100.30	99.55	99.87	0.39	ppb
Copper	63-2	100.38	101.48	100.37	100.75	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	986.36	998.29	983.10	989.25	0.81	ppb
Iron	57-2	981.35	982.38	987.53	983.76	0.34	ppb
Krypton	83-1						cps
Lead	206-1	195.96	197.93	192.78	195.56	1.33	ppb
Lead	207-1	185.03	187.21	184.33	185.52	0.81	ppb
Lead	208-1	194.00	196.19	193.08	194.42	0.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	1184.50	1164.88	1146.33	1165.24	1.64	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.32	99.09	97.10	97.50	1.47	ppb
Molybdenum	94-1	1150.26	1167.62	1155.90	1157.93	0.76	ppb
Molybdenum	95-1	524.90	542.35	538.65	535.30	1.72	ppb
Molybdenum	96-1	611.33	621.08	614.39	615.60	0.81	ppb
Molybdenum	97-1	522.53	529.04	524.84	525.47	0.63	ppb
Molybdenum	98-1	529.82	533.38	536.71	533.30	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.01	105.57	100.84	102.14	2.93	ppb
Phosphorus	31-2	-27.99	-27.99	70.56	4.86	1170.32	ppb
Potassium	39-2	1935.26	1921.18	1843.58	1900.01	2.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	177.76	243.68	230.53	217.32	16.05	ppb
Selenium	78-2	206.50	206.24	211.36	208.03	1.39	ppb
Selenium	82-1	194.88	200.50	197.85	197.74	1.42	ppb
Silicon	28-1	-2.81	-2.76	-1.57	-2.38		ppb
Silver	109-1	90.65	91.95	90.72	91.11	0.80	ppb
Silver	107-1	91.69	92.73	92.08	92.17	0.57	ppb
Sodium	23-2	1967.06	1948.36	1939.56	1951.66	0.72	ppb
Strontium	86-1	497.64	512.29	507.19	505.71	1.47	ppb
Strontium	88-1	508.15	512.80	509.21	510.06	0.48	ppb
Sulfur	34-1	-910.68	-1064.72	-856.33	-943.91		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	197.34	199.37	195.06	197.26	1.09	ppb
Thallium	205-1	202.03	206.48	201.17	203.22	1.40	ppb
Tin	118-1	528.18	533.49	525.30	528.99	0.79	ppb
Titanium	47-1	499.76	502.18	501.36	501.10	0.25	ppb
Uranium	238-1	485.17	495.35	482.97	487.83	1.35	ppb
Vanadium	51-2	96.93	99.40	97.10	97.81	1.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	206.88	199.63	198.62	201.71	2.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.92	512.89	508.07	508.29	0.88	ppb
Zirconium	91-1	501.67	508.62	502.58	504.29	0.75	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.32	17.17	15.14	15.88	7.07	ppb
Antimony	121-1	1.98	2.05	1.98	2.01	2.02	ppb
Arsenic	75-2	1.13	1.06	1.18	1.12	5.31	ppb
Barium	135-1	9.34	9.86	9.93	9.71	3.29	ppb
Barium	137-1	9.40	9.68	9.57	9.55	1.49	ppb
Beryllium	9-1	0.92	1.07	1.01	1.00	7.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	27.47	30.09	28.54	28.70	4.60	ppb
Boron	11-1	28.23	31.53	29.69	29.82	5.55	ppb
Cadmium	111-1	0.80	0.96	0.71	0.82	15.13	ppb
Cadmium	106-1	-0.94	0.05	-2.73	-1.21		ppb
Cadmium	108-1	1.44	1.08	0.80	1.11	28.91	ppb
Calcium	43-1	451.82	435.41	441.02	442.75	1.88	ppb
Calcium	44-1	426.09	452.12	435.64	437.95	3.01	ppb
Chromium	52-2	2.15	1.87	2.06	2.03	7.21	ppb
Cobalt	59-2	0.96	0.88	1.00	0.95	5.99	ppb
Copper	63-2	2.04	2.09	1.99	2.04	2.61	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				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	49.50	50.26	48.84	49.53	1.44	ppb
Iron	57-2	45.47	46.20	44.44	45.37	1.95	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.07	1.00	1.00	6.87	ppb
Lead	207-1	0.93	1.01	0.95	0.96	3.96	ppb
Lead	208-1	0.95	1.00	0.96	0.97	2.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	481.65	459.86	464.75	468.75	2.44	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.85	0.99	0.91	7.71	ppb
Molybdenum	94-1	5.02	5.34	5.00	5.12	3.68	ppb
Molybdenum	95-1	4.46	5.03	4.84	4.78	6.06	ppb
Molybdenum	96-1	4.65	4.99	4.93	4.86	3.69	ppb
Molybdenum	97-1	4.77	5.04	4.65	4.82	4.19	ppb
Molybdenum	98-1	4.72	5.05	4.76	4.84	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.91	1.13	1.06	11.93	ppb
Phosphorus	31-2	-27.99	-27.99	4.24	-17.25		ppb
Potassium	39-2	474.86	474.79	473.87	474.50	0.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	2.29	2.30	4.56	3.05	42.89	ppb
Selenium	82-1	5.58	5.15	4.75	5.16	8.07	ppb
Silicon	28-1	7.05	14.89	9.55	10.50	38.18	ppb
Silver	109-1	0.97	1.00	1.05	1.01	3.79	ppb
Silver	107-1	1.02	1.03	1.01	1.02	0.98	ppb
Sodium	23-2	497.57	481.22	521.27	500.02	4.03	ppb
Strontium	86-1	0.97	1.03	1.02	1.01	2.84	ppb
Strontium	88-1	0.99	1.05	0.99	1.01	3.55	ppb
Sulfur	34-1	-505.81	401.10	-28.66	-44.45		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	0.90	0.98	0.98	0.95	4.61	ppb
Thallium	205-1	0.94	1.02	0.97	0.98	4.41	ppb
Tin	118-1	4.89	5.00	4.96	4.95	1.12	ppb
Titanium	47-1	4.68	5.16	4.83	4.89	5.07	ppb
Uranium	238-1	0.91	0.95	0.93	0.93	2.49	ppb
Vanadium	51-2	4.69	4.45	4.94	4.69	5.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	2.51	2.79	2.39	2.56	8.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.12	1.19	1.18	1.16	3.35	ppb
Zirconium	91-1	1.14	1.20	1.05	1.13	6.48	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.02	1.14	-0.62	1.84	156.43	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	14.54	ppb
Arsenic	75-2	0.01	-0.02	0.14	0.04	198.38	ppb
Barium	135-1	0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.02	0.05	0.05	51.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	7.86	9.02	7.19	8.02	11.56	ppb
Boron	11-1	7.78	7.15	6.91	7.28	6.19	ppb
Cadmium	111-1	-0.10	-0.15	-0.21	-0.15		ppb
Cadmium	106-1	-1.32	-2.25	-2.80	-2.13		ppb
Cadmium	108-1	0.03	-0.04	0.00	0.00		ppb
Calcium	43-1	-0.68	-2.04	-3.52	-2.08		ppb
Calcium	44-1	-4.97	-4.03	-4.00	-4.33		ppb
Chromium	52-2	0.04	-0.06	-0.11	-0.04		ppb
Cobalt	59-2	0.01	0.02	-0.01	0.01	299.45	ppb
Copper	63-2	-0.11	-0.10	-0.01	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.14	-0.13	0.25	0.09	231.81	ppb
Iron	57-2	1.48	-3.37	-1.34	-1.08		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	622.04	ppb
Lead	207-1	0.01	0.00	0.01	0.01	101.92	ppb
Lead	208-1	0.01	0.01	0.00	0.01	40.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.00	2.79	2.88	2.89	3.68	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	-0.16	-0.18	-0.14		ppb
Molybdenum	94-1	0.08	0.11	0.10	0.10	19.71	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	23.69	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	27.63	ppb
Molybdenum	97-1	0.03	0.02	0.06	0.03	52.28	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	15.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.10	0.06	57.98	ppb
Phosphorus	31-2	-27.99	4.43	-27.99	-17.18		ppb
Potassium	39-2	17.24	8.19	-17.92	2.50	730.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	3.55	0.00	0.00	1.18	173.21	ppb
Selenium	82-1	-0.09	-0.02	0.17	0.02	654.42	ppb
Silicon	28-1	-6.02	-5.58	-6.09	-5.90		ppb
Silver	109-1	0.01	0.00	0.00	0.00	472.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	82.20	ppb
Sodium	23-2	34.76	23.86	24.57	27.73	22.01	ppb
Strontium	86-1	-0.02	-0.02	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	137.14	ppb
Sulfur	34-1	-127.74	-53.79	-126.97	-102.83		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.00	0.02	0.02	72.72	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	61.11	ppb
Tin	118-1	0.07	0.05	0.04	0.06	28.79	ppb
Titanium	47-1	0.03	0.08	0.03	0.05	67.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	129.21	ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.37	0.06	0.36	0.26	66.95	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	23.45	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	21.62	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88294.28	89542.62	96183.73	91340.21	4.64	ppb
Antimony	121-1	1.06	1.12	1.12	1.10	2.87	ppb
Arsenic	75-2	0.21	0.31	0.32	0.28	21.14	ppb
Barium	135-1	1.53	1.43	1.61	1.52	5.75	ppb
Barium	137-1	1.41	1.45	1.46	1.44	1.99	ppb
Beryllium	9-1	0.27	0.37	0.30	0.31	17.30	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	8.70	9.07	8.85	8.87	2.11	ppb
Boron	11-1	8.10	8.51	8.75	8.45	3.92	ppb
Cadmium	111-1	0.24	0.07	0.07	0.12	78.42	ppb
Cadmium	106-1	-2.83	-2.72	-2.92	-2.83		ppb
Cadmium	108-1	8.71	10.16	10.12	9.66	8.55	ppb
Calcium	43-1	90544.42	90545.56	92312.35	91134.11	1.12	ppb
Calcium	44-1	90212.77	89631.18	91398.62	90414.19	1.00	ppb
Chromium	52-2	19.69	20.74	21.72	20.72	4.88	ppb
Cobalt	59-2	1.14	1.25	1.28	1.23	5.86	ppb
Copper	63-2	7.69	7.62	8.53	7.94	6.37	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				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	99033.45	101705.73	108261.29	103000.16	4.61	ppb
Iron	57-2	96777.04	98733.47	104932.51	100147.67	4.25	ppb
Krypton	83-1						cps
Lead	206-1	4.56	4.62	4.80	4.66	2.70	ppb
Lead	207-1	3.94	4.07	4.11	4.04	2.18	ppb
Lead	208-1	4.20	4.28	4.37	4.28	1.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	95660.79	98856.46	105508.77	100008.67	5.02	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.34	8.07	8.01	7.80	5.15	ppb
Molybdenum	94-1	1349.09	1364.90	1378.37	1364.12	1.07	ppb
Molybdenum	95-1	1932.48	1927.52	1953.68	1937.89	0.72	ppb
Molybdenum	96-1	1851.14	1880.46	1887.17	1872.92	1.02	ppb
Molybdenum	97-1	1963.19	1963.63	1987.27	1971.36	0.70	ppb
Molybdenum	98-1	1909.77	1947.75	1952.26	1936.59	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.35	5.88	5.60	4.80	ppb
Phosphorus	31-2	103679.28	104694.07	117219.96	108531.10	6.95	ppb
Potassium	39-2	93116.42	94559.87	101971.41	96549.23	4.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	-2.61	-2.61	5.94	0.24	2042.66	ppb
Selenium	78-2	2.51	0.00	0.00	0.84	173.21	ppb
Selenium	82-1	-0.11	-0.32	0.52	0.03	1430.62	ppb
Silicon	28-1	22.85	22.65	23.79	23.10	2.64	ppb
Silver	109-1	0.03	0.06	0.04	0.04	35.88	ppb
Silver	107-1	0.03	0.05	0.04	0.04	24.70	ppb
Sodium	23-2	97617.36	99672.23	106021.49	101103.69	4.33	ppb
Strontium	86-1	32.61	33.00	32.38	32.66	0.97	ppb
Strontium	88-1	33.10	33.73	33.83	33.56	1.18	ppb
Sulfur	34-1	78441.70	76034.62	78344.62	77606.98	1.76	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.05	0.06	25.40	ppb
Thallium	205-1	0.05	0.06	0.05	0.06	12.16	ppb
Tin	118-1	0.17	0.20	0.18	0.18	8.02	ppb
Titanium	47-1	1980.44	1991.10	2024.38	1998.64	1.15	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	19.22	ppb
Vanadium	51-2	0.17	0.16	0.15	0.16	4.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	12.25	11.79	13.44	12.49	6.82	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.73	0.61	0.73	15.78	ppb
Zirconium	91-1	0.79	0.69	0.61	0.70	13.33	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89927.98	88813.10	87221.38	88654.15	1.53	ppb
Antimony	121-1	20.20	19.94	19.87	20.00	0.87	ppb
Arsenic	75-2	18.77	19.30	20.63	19.56	4.90	ppb
Barium	135-1	20.75	21.33	21.16	21.08	1.40	ppb
Barium	137-1	20.93	21.59	21.12	21.22	1.61	ppb
Beryllium	9-1	20.09	20.25	20.12	20.15	0.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	65.74	70.46	65.84	67.35	4.00	ppb
Boron	11-1	65.85	68.45	65.68	66.66	2.33	ppb
Cadmium	111-1	19.39	19.27	18.89	19.18	1.35	ppb
Cadmium	106-1	21.31	20.33	21.45	21.03	2.91	ppb
Cadmium	108-1	30.22	30.54	30.13	30.30	0.71	ppb
Calcium	43-1	90494.66	92461.31	87989.15	90315.04	2.48	ppb
Calcium	44-1	88678.16	90756.39	87906.48	89113.68	1.65	ppb
Chromium	52-2	39.82	39.31	39.92	39.68	0.83	ppb
Cobalt	59-2	21.68	21.77	21.08	21.51	1.75	ppb
Copper	63-2	28.46	28.59	27.63	28.23	1.84	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	101408.14	99224.36	98423.47	99685.32	1.55	ppb
Iron	57-2	98979.23	96677.50	95766.31	97141.01	1.70	ppb
Krypton	83-1						cps
Lead	206-1	24.61	25.16	24.13	24.63	2.09	ppb
Lead	207-1	22.64	22.74	22.16	22.51	1.37	ppb
Lead	208-1	23.52	23.64	23.17	23.45	1.04	ppb
Lithium	6-1				97		%
Magnesium	24-2	97190.31	95892.94	95065.98	96049.74	1.11	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.74	28.81	28.30	28.28	1.90	ppb
Molybdenum	94-1	1473.12	1482.67	1444.84	1466.88	1.34	ppb
Molybdenum	95-1	1964.86	2009.15	1942.31	1972.11	1.72	ppb
Molybdenum	96-1	1906.90	1952.06	1905.40	1921.46	1.38	ppb
Molybdenum	97-1	2009.20	2013.25	1965.26	1995.90	1.33	ppb
Molybdenum	98-1	1984.43	1979.03	1959.42	1974.29	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.98	25.58	26.22	26.26	2.67	ppb
Phosphorus	31-2	105312.95	106929.70	101338.51	104527.05	2.75	ppb
Potassium	39-2	95409.31	93529.73	92652.78	93863.94	1.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	13.24	13.32	-2.61	7.98	114.92	ppb
Selenium	78-2	13.68	12.50	21.03	15.74	29.38	ppb
Selenium	82-1	19.48	20.41	20.01	19.97	2.32	ppb
Silicon	28-1	79.61	82.85	77.48	79.98	3.38	ppb
Silver	109-1	18.44	18.61	18.34	18.46	0.74	ppb
Silver	107-1	18.77	18.47	18.19	18.48	1.58	ppb
Sodium	23-2	99050.06	98258.90	97310.78	98206.58	0.89	ppb
Strontium	86-1	85.96	86.86	85.69	86.17	0.71	ppb
Strontium	88-1	89.41	89.75	88.55	89.24	0.69	ppb
Sulfur	34-1	75595.55	77724.33	75003.26	76107.71	1.88	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	19.83	20.13	19.73	19.90	1.04	ppb
Thallium	205-1	20.34	20.67	20.14	20.38	1.32	ppb
Tin	118-1	54.09	54.27	53.67	54.01	0.57	ppb
Titanium	47-1	2030.92	2042.16	1988.73	2020.61	1.39	ppb
Uranium	238-1	54.76	55.63	54.50	54.96	1.08	ppb
Vanadium	51-2	19.70	19.82	19.91	19.81	0.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	34.15	31.76	32.30	32.74	3.83	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.97	54.90	53.81	54.23	1.08	ppb
Zirconium	91-1	53.68	53.20	52.77	53.22	0.86	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51161.84	48359.05	49206.76	49575.88	2.90	ppb
Antimony	121-1	535.31	494.54	505.72	511.86	4.12	ppb
Arsenic	75-2	509.43	509.55	502.60	507.19	0.78	ppb
Barium	135-1	2746.32	2509.42	2547.28	2601.01	4.89	ppb
Barium	137-1	2701.67	2489.39	2532.71	2574.59	4.36	ppb
Beryllium	9-1	544.82	515.36	514.79	524.99	3.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	529.01	516.02	523.83	522.95	1.25	ppb
Boron	11-1	531.48	511.92	520.12	521.17	1.88	ppb
Cadmium	111-1	527.01	483.03	491.17	500.40	4.68	ppb
Cadmium	106-1	529.96	483.52	491.83	501.77	4.94	ppb
Cadmium	108-1	528.27	483.72	491.30	501.09	4.76	ppb
Calcium	43-1	250969.79	230671.44	234177.42	238606.21	4.55	ppb
Calcium	44-1	248160.55	229545.71	233618.14	237108.13	4.13	ppb
Chromium	52-2	538.69	517.56	525.87	527.37	2.02	ppb
Cobalt	59-2	517.51	497.43	497.88	504.27	2.27	ppb
Copper	63-2	1000.42	961.26	975.07	978.92	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	128785.73	122619.29	123833.01	125079.35	2.61	ppb
Iron	57-2	125231.80	119894.77	121895.57	122340.71	2.20	ppb
Krypton	83-1						cps
Lead	206-1	559.72	514.67	525.57	533.32	4.41	ppb
Lead	207-1	558.54	518.81	524.50	533.95	4.02	ppb
Lead	208-1	557.79	514.96	521.01	531.25	4.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	255948.36	246038.45	248578.60	250188.47	2.06	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.41	1001.46	1028.99	1027.29	2.44	ppb
Molybdenum	94-1	2707.71	2515.73	2552.21	2591.88	3.93	ppb
Molybdenum	95-1	2744.96	2525.75	2552.08	2607.59	4.59	ppb
Molybdenum	96-1	2733.53	2514.44	2547.61	2598.53	4.54	ppb
Molybdenum	97-1	2738.30	2547.96	2564.65	2616.97	4.03	ppb
Molybdenum	98-1	2716.00	2509.63	2538.84	2588.16	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.65	498.09	503.61	508.78	2.75	ppb
Phosphorus	31-2	9659.15	9978.78	10796.13	10144.69	5.78	ppb
Potassium	39-2	127464.04	120158.49	121827.41	123149.98	3.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	569.63	573.52	583.18	575.44	1.21	ppb
Selenium	78-2	491.80	496.94	520.42	503.05	3.03	ppb
Selenium	82-1	526.43	489.47	497.73	504.54	3.84	ppb
Silicon	28-1	563.61	516.86	527.13	535.87	4.59	ppb
Silver	109-1	528.96	486.95	498.42	504.78	4.30	ppb
Silver	107-1	530.36	488.29	496.56	505.07	4.41	ppb
Sodium	23-2	254702.54	244830.46	246920.99	248818.00	2.09	ppb
Strontium	86-1	538.80	499.55	504.47	514.27	4.16	ppb
Strontium	88-1	543.14	508.77	508.00	519.97	3.86	ppb
Sulfur	34-1	10495.33	8793.59	9198.35	9495.76	9.36	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	549.45	515.06	526.22	530.24	3.31	ppb
Thallium	205-1	550.62	509.20	521.00	526.94	4.05	ppb
Tin	118-1	542.94	500.89	507.65	517.16	4.37	ppb
Titanium	47-1	2732.90	2523.05	2567.98	2607.97	4.24	ppb
Uranium	238-1	563.00	509.86	520.10	530.99	5.31	ppb
Vanadium	51-2	532.37	506.19	515.61	518.05	2.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	1019.60	976.27	989.43	995.10	2.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	547.26	503.96	511.39	520.87	4.45	ppb
Zirconium	91-1	540.91	499.38	501.67	513.99	4.54	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	4.82	6.65	4.25	64.13	ppb
Antimony	121-1	0.26	0.27	0.30	0.28	8.52	ppb
Arsenic	75-2	0.01	-0.05	-0.02	-0.02		ppb
Barium	135-1	0.02	0.00	0.01	0.01	123.83	ppb
Barium	137-1	0.01	0.01	-0.01	0.00	475.29	ppb
Beryllium	9-1	0.09	0.14	0.07	0.10	31.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	8.65	8.60	6.60	7.95	14.72	ppb
Boron	11-1	7.55	8.20	6.89	7.55	8.67	ppb
Cadmium	111-1	-0.12	-0.34	-0.23	-0.23		ppb
Cadmium	106-1	-1.77	-4.72	-3.12	-3.20		ppb
Cadmium	108-1	-0.04	-0.07	0.00	-0.04		ppb
Calcium	43-1	-3.07	-6.80	-3.45	-4.44		ppb
Calcium	44-1	0.67	-0.24	1.72	0.72	136.78	ppb
Chromium	52-2	-0.06	-0.18	0.01	-0.08		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.06	-0.05	-0.06	-0.06		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				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	1.88	1.65	1.73	1.75	6.79	ppb
Iron	57-2	-1.70	-1.29	-1.80	-1.60		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.03	0.04	35.03	ppb
Lead	207-1	0.06	0.05	0.07	0.06	14.79	ppb
Lead	208-1	0.04	0.05	0.04	0.05	9.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.52	1.59	3.07	2.73	36.99	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	0.02	0.02	-0.02		ppb
Molybdenum	94-1	0.46	0.38	0.28	0.37	23.65	ppb
Molybdenum	95-1	0.46	0.34	0.29	0.36	23.56	ppb
Molybdenum	96-1	0.47	0.37	0.38	0.40	14.09	ppb
Molybdenum	97-1	0.50	0.34	0.37	0.40	21.39	ppb
Molybdenum	98-1	0.46	0.35	0.34	0.38	17.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.06	0.03	121.28	ppb
Phosphorus	31-2	-27.99	-27.99	5.45	-16.84		ppb
Potassium	39-2	11.17	23.33	26.61	20.37	39.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-2.61	-2.61	4.86	-0.12		ppb
Selenium	78-2	1.25	1.19	1.17	1.21	3.49	ppb
Selenium	82-1	0.54	0.70	-0.12	0.38	115.98	ppb
Silicon	28-1	-5.35	-6.78	-10.03	-7.39		ppb
Silver	109-1	0.02	0.02	0.01	0.02	6.94	ppb
Silver	107-1	0.03	0.02	0.02	0.02	27.37	ppb
Sodium	23-2	73.07	63.83	54.97	63.96	14.15	ppb
Strontium	86-1	0.02	-0.03	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	36.66	ppb
Sulfur	34-1	-1033.15	-773.50	-1278.15	-1028.27		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.04	0.03	0.03	25.90	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	28.08	ppb
Tin	118-1	0.15	0.14	0.10	0.13	18.75	ppb
Titanium	47-1	0.04	0.05	0.06	0.05	25.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	115.73	ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	232.68	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.28	0.04	0.13	104.73	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.10	0.09	12.43	ppb
Zirconium	91-1	0.07	0.07	0.11	0.09	25.76	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.23	18.23	31.84	22.43	36.39	ppb
Antimony	121-1	2.05	1.96	1.96	1.99	2.72	ppb
Arsenic	75-2	0.97	1.42	0.81	1.07	29.45	ppb
Barium	135-1	9.65	9.49	9.09	9.41	3.04	ppb
Barium	137-1	9.34	9.64	9.46	9.48	1.58	ppb
Beryllium	9-1	1.02	0.95	0.93	0.97	4.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	27.83	29.41	28.03	28.42	3.04	ppb
Boron	11-1	27.63	27.03	27.60	27.42	1.23	ppb
Cadmium	111-1	0.68	0.67	0.84	0.73	13.23	ppb
Cadmium	106-1	-2.08	-2.32	-0.51	-1.63		ppb
Cadmium	108-1	1.10	0.86	1.38	1.11	23.48	ppb
Calcium	43-1	443.48	442.78	412.02	432.76	4.15	ppb
Calcium	44-1	426.96	422.71	421.11	423.59	0.71	ppb
Chromium	52-2	1.92	2.06	1.87	1.95	4.94	ppb
Cobalt	59-2	1.02	1.07	1.00	1.03	3.59	ppb
Copper	63-2	1.92	1.97	1.87	1.92	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	48.44	53.51	50.19	50.71	5.08	ppb
Iron	57-2	42.80	44.36	54.06	47.07	12.95	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.98	1.00	0.98	1.81	ppb
Lead	207-1	0.95	1.01	1.00	0.99	3.62	ppb
Lead	208-1	0.98	0.98	0.96	0.98	1.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	477.51	459.57	489.12	475.40	3.13	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	0.85	0.74	0.85	12.29	ppb
Molybdenum	94-1	4.79	4.91	4.71	4.80	2.17	ppb
Molybdenum	95-1	4.59	4.79	4.49	4.63	3.26	ppb
Molybdenum	96-1	4.66	4.67	4.82	4.72	1.95	ppb
Molybdenum	97-1	4.67	4.76	4.85	4.76	1.90	ppb
Molybdenum	98-1	4.75	4.79	4.62	4.72	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.01	0.97	1.03	7.04	ppb
Phosphorus	31-2	-27.99	-27.99	38.39	-5.86		ppb
Potassium	39-2	458.45	470.33	492.96	473.91	3.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	7.00	8.44	7.03	7.49	11.00	ppb
Selenium	82-1	5.64	4.95	4.17	4.92	14.96	ppb
Silicon	28-1	7.53	6.54	5.52	6.53	15.41	ppb
Silver	109-1	0.98	1.03	0.98	1.00	3.18	ppb
Silver	107-1	0.97	1.04	0.95	0.99	4.45	ppb
Sodium	23-2	509.68	538.04	508.72	518.81	3.21	ppb
Strontium	86-1	0.97	1.10	0.91	0.99	9.73	ppb
Strontium	88-1	0.94	0.94	0.94	0.94	0.53	ppb
Sulfur	34-1	-779.92	-982.10	-856.66	-872.89		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.98	1.03	0.98	5.20	ppb
Thallium	205-1	0.94	0.99	0.95	0.96	2.85	ppb
Tin	118-1	4.81	4.60	4.61	4.67	2.53	ppb
Titanium	47-1	4.61	5.12	4.70	4.81	5.58	ppb
Uranium	238-1	0.93	0.91	0.90	0.91	1.80	ppb
Vanadium	51-2	4.85	4.82	5.08	4.92	2.89	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2.00	2.70	2.40	2.37	14.79	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.05	1.07	1.05	1.06	1.24	ppb
Zirconium	91-1	1.02	1.04	1.07	1.04	2.41	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.22	-0.62	6.71	2.44	156.52	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	11.23	ppb
Arsenic	75-2	-0.05	0.09	-0.02	0.01	900.91	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	1994.33	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	1057.01	ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	30.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	6.47	7.29	7.50	7.09	7.65	ppb
Boron	11-1	6.01	5.67	5.95	5.88	3.13	ppb
Cadmium	111-1	-0.22	-0.18	-0.14	-0.18		ppb
Cadmium	106-1	-3.04	-2.55	-2.03	-2.54		ppb
Cadmium	108-1	-0.04	-0.10	0.00	-0.05		ppb
Calcium	43-1	0.56	-3.28	0.03	-0.90		ppb
Calcium	44-1	-0.11	-1.57	-3.29	-1.66		ppb
Chromium	52-2	-0.12	-0.12	-0.05	-0.10		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.05	-0.05	-0.06		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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.72	0.83	0.68	0.74	10.72	ppb
Iron	57-2	-0.19	-0.81	0.30	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.02	41.67	ppb
Lead	207-1	0.02	0.03	0.02	0.02	17.33	ppb
Lead	208-1	0.02	0.02	0.01	0.02	24.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.36	5.10	6.47	4.31	61.43	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.16	0.10	-0.06	-0.04		ppb
Molybdenum	94-1	0.20	0.13	0.16	0.16	20.79	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	18.40	ppb
Molybdenum	96-1	0.09	0.13	0.13	0.12	18.69	ppb
Molybdenum	97-1	0.16	0.06	0.08	0.10	55.53	ppb
Molybdenum	98-1	0.13	0.13	0.08	0.11	23.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	0.09	0.02	409.78	ppb
Phosphorus	31-2	-27.99	37.96	39.52	16.50	233.56	ppb
Potassium	39-2	2.15	21.11	23.68	15.65	75.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	4.77	4.99	2.38	181.48	ppb
Selenium	78-2	2.36	0.00	1.19	1.18	99.63	ppb
Selenium	82-1	0.33	-0.41	0.28	0.07	614.79	ppb
Silicon	28-1	-7.76	-7.76	-6.51	-7.35		ppb
Silver	109-1	0.02	0.01	0.00	0.01	79.39	ppb
Silver	107-1	0.00	0.01	0.00	0.01	60.43	ppb
Sodium	23-2	52.18	39.76	47.17	46.37	13.48	ppb
Strontium	86-1	0.02	0.00	-0.02	0.00	19145.42	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	104.55	ppb
Sulfur	34-1	-817.65	-918.83	-844.66	-860.38		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.01	-0.01	0.03	0.01	147.87	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.38	ppb
Tin	118-1	0.07	0.03	0.01	0.04	80.90	ppb
Titanium	47-1	0.08	0.08	0.09	0.09	7.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	399.94	ppb
Vanadium	51-2	-0.01	-0.02	0.03	0.00	1013.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.25	0.37	0.15	0.26	43.49	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	20.49	ppb
Zirconium	91-1	0.05	0.03	0.01	0.03	60.49	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9753.10	9651.73	9869.24	9758.02	1.12	ppb
Antimony	121-1	500.25	504.86	513.37	506.16	1.31	ppb
Arsenic	75-2	492.86	509.90	500.20	500.99	1.71	ppb
Barium	135-1	2493.24	2524.27	2585.25	2534.25	1.85	ppb
Barium	137-1	2485.10	2482.96	2540.93	2503.00	1.31	ppb
Beryllium	9-1	493.57	493.21	512.33	499.70	2.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	461.23	472.10	506.10	479.81	4.88	ppb
Boron	11-1	456.83	475.38	503.56	478.59	4.92	ppb
Cadmium	111-1	493.09	494.82	508.79	498.90	1.73	ppb
Cadmium	106-1	500.01	489.49	508.13	499.21	1.87	ppb
Cadmium	108-1	497.06	493.67	505.12	498.62	1.18	ppb
Calcium	43-1	46128.96	45631.18	46934.83	46231.66	1.42	ppb
Calcium	44-1	45952.92	45486.99	47536.85	46325.59	2.32	ppb
Chromium	52-2	515.78	502.69	513.28	510.58	1.36	ppb
Cobalt	59-2	508.60	504.70	509.10	507.47	0.48	ppb
Copper	63-2	1020.11	1009.21	1017.95	1015.76	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	25521.41	25125.61	25388.22	25345.08	0.79	ppb
Iron	57-2	24874.69	24553.70	24835.85	24754.75	0.71	ppb
Krypton	83-1						cps
Lead	206-1	506.52	499.93	505.54	504.00	0.71	ppb
Lead	207-1	508.22	500.14	507.95	505.44	0.91	ppb
Lead	208-1	506.71	499.72	506.77	504.40	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	50060.74	48657.40	49928.40	49548.85	1.56	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.81	1016.30	1030.13	1023.08	0.68	ppb
Molybdenum	94-1	2459.43	2484.45	2560.96	2501.61	2.11	ppb
Molybdenum	95-1	2480.17	2482.86	2560.94	2507.99	1.83	ppb
Molybdenum	96-1	2471.06	2495.56	2533.23	2499.95	1.25	ppb
Molybdenum	97-1	2466.22	2495.44	2552.31	2504.65	1.75	ppb
Molybdenum	98-1	2460.20	2475.72	2537.25	2491.05	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.70	505.11	514.38	510.73	0.97	ppb
Phosphorus	31-2	11023.06	10827.30	10558.79	10803.05	2.16	ppb
Potassium	39-2	23888.91	23576.06	23798.30	23754.42	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	412.94	573.12	466.77	484.27	16.83	ppb
Selenium	78-2	510.10	518.27	559.37	529.25	4.99	ppb
Selenium	82-1	487.92	494.47	502.22	494.87	1.45	ppb
Silicon	28-1	496.56	487.61	513.46	499.21	2.63	ppb
Silver	109-1	504.60	503.29	518.52	508.81	1.66	ppb
Silver	107-1	507.05	502.56	522.50	510.70	2.05	ppb
Sodium	23-2	50902.99	49818.20	49916.79	50212.66	1.19	ppb
Strontium	86-1	489.76	489.11	503.81	494.23	1.68	ppb
Strontium	88-1	496.97	495.42	510.39	500.93	1.64	ppb
Sulfur	34-1	8957.72	8783.63	9529.05	9090.13	4.29	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	505.52	499.89	511.56	505.66	1.15	ppb
Thallium	205-1	504.67	499.39	510.36	504.81	1.09	ppb
Tin	118-1	501.97	510.40	516.76	509.71	1.46	ppb
Titanium	47-1	2494.94	2451.38	2552.74	2499.69	2.03	ppb
Uranium	238-1	486.22	487.17	496.59	489.99	1.17	ppb
Vanadium	51-2	508.33	503.49	509.30	507.04	0.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1039.99	1034.20	1056.34	1043.51	1.10	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.55	495.66	510.69	500.30	1.80	ppb
Zirconium	91-1	487.52	492.33	505.88	495.24	1.92	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.20	16.43	7.08	9.24	69.26	ppb
Antimony	121-1	2.40	1.90	1.85	2.05	14.82	ppb
Arsenic	75-2	0.22	0.37	0.45	0.35	33.02	ppb
Barium	135-1	1.21	1.01	0.94	1.05	13.23	ppb
Barium	137-1	1.10	1.16	1.14	1.13	2.80	ppb
Beryllium	9-1	0.17	0.15	0.16	0.16	7.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	36.41	28.92	25.68	30.34	18.15	ppb
Boron	11-1	34.66	28.36	24.45	29.16	17.67	ppb
Cadmium	111-1	0.01	-0.04	-0.15	-0.06		ppb
Cadmium	106-1	-3.30	-3.16	-4.49	-3.65		ppb
Cadmium	108-1	0.12	0.14	0.27	0.17	46.50	ppb
Calcium	43-1	2773.92	2616.91	2598.38	2663.07	3.62	ppb
Calcium	44-1	2760.99	2589.43	2571.65	2640.69	3.96	ppb
Chromium	52-2	1.62	1.42	1.69	1.58	8.88	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	96.22	ppb
Copper	63-2	2.61	2.62	2.89	2.71	5.81	ppb
Dysprosium	156-1						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				92		%
Indium	115-1				97		%
Indium	115-2				82		%
Iron	56-2	12.15	12.09	12.07	12.10	0.34	ppb
Iron	57-2	12.58	8.60	6.34	9.17	34.41	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.51	0.46	0.54	17.48	ppb
Lead	207-1	0.59	0.52	0.46	0.52	12.55	ppb
Lead	208-1	0.61	0.53	0.46	0.53	13.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	656.29	704.56	717.61	692.82	4.66	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.42	0.57	0.50	14.79	ppb
Molybdenum	94-1	1.69	1.38	1.26	1.44	15.22	ppb
Molybdenum	95-1	1.70	1.32	1.27	1.43	16.46	ppb
Molybdenum	96-1	1.72	1.38	1.26	1.45	16.54	ppb
Molybdenum	97-1	1.70	1.44	1.45	1.53	9.43	ppb
Molybdenum	98-1	1.85	1.47	1.30	1.54	18.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.48	0.94	0.69	34.49	ppb
Phosphorus	31-2	60.74	-27.99	66.46	33.07	160.12	ppb
Potassium	39-2	578.11	617.89	718.87	638.29	11.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				75		%
Selenium	77-2	-2.61	7.00	-2.61	0.59	933.78	ppb
Selenium	78-2	0.00	1.51	1.55	1.02	86.62	ppb
Selenium	82-1	-0.71	-0.36	0.81	-0.08		ppb
Silicon	28-1	4585.51	4217.94	4156.43	4319.96	5.37	ppb
Silver	109-1	1.11	1.05	0.96	1.04	7.30	ppb
Silver	107-1	1.18	1.08	1.05	1.10	6.37	ppb
Sodium	23-2	4331.62	4384.84	4505.47	4407.31	2.02	ppb
Strontium	86-1	28.69	26.98	27.21	27.63	3.36	ppb
Strontium	88-1	29.14	27.35	27.22	27.90	3.85	ppb
Sulfur	34-1	1102.62	-165.90	-384.47	184.08	436.19	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	0.99	0.65	0.50	0.71	35.17	ppb
Thallium	205-1	0.95	0.68	0.54	0.73	28.49	ppb
Tin	118-1	3.45	3.00	3.01	3.15	8.13	ppb
Titanium	47-1	0.71	0.63	0.55	0.63	12.68	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	19.92	ppb
Vanadium	51-2	0.17	0.11	0.10	0.13	29.53	ppb
Yttrium	89-1				93		%
Yttrium	89-2				80		%
Zinc	66-2	11.36	10.07	10.72	10.72	6.01	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.27	0.24	0.28	18.95	ppb
Zirconium	91-1	0.32	0.30	0.20	0.27	24.07	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.27	7.12	9.79	9.73	26.49	ppb
Antimony	121-1	1.09	1.13	1.11	1.11	1.79	ppb
Arsenic	75-2	0.42	0.24	0.21	0.29	39.05	ppb
Barium	135-1	1.10	1.09	1.10	1.10	0.70	ppb
Barium	137-1	1.04	0.92	0.98	0.98	6.11	ppb
Beryllium	9-1	0.07	0.08	0.09	0.08	11.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	15.50	14.24	14.43	14.73	4.61	ppb
Boron	11-1	14.53	14.28	13.36	14.06	4.36	ppb
Cadmium	111-1	-0.25	-0.33	-0.40	-0.33		ppb
Cadmium	106-1	-3.93	-5.28	-6.23	-5.15		ppb
Cadmium	108-1	0.00	-0.10	0.03	-0.02		ppb
Calcium	43-1	2709.82	2668.15	2605.23	2661.07	1.98	ppb
Calcium	44-1	2646.59	2650.84	2628.60	2642.01	0.45	ppb
Chromium	52-2	1.37	0.96	1.59	1.31	24.56	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	64.79	ppb
Copper	63-2	2.49	2.78	2.55	2.61	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				80		%
Iron	56-2	12.07	11.04	12.64	11.92	6.80	ppb
Iron	57-2	10.06	12.28	10.19	10.84	11.46	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.22	0.24	4.66	ppb
Lead	207-1	0.26	0.28	0.25	0.26	5.82	ppb
Lead	208-1	0.25	0.24	0.24	0.24	2.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	713.58	702.79	689.30	701.89	1.73	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.49	0.46	0.64	0.53	18.17	ppb
Molybdenum	94-1	0.61	0.56	0.53	0.57	7.44	ppb
Molybdenum	95-1	0.38	0.41	0.43	0.41	5.68	ppb
Molybdenum	96-1	0.49	0.45	0.43	0.46	6.22	ppb
Molybdenum	97-1	0.47	0.55	0.43	0.48	12.52	ppb
Molybdenum	98-1	0.50	0.45	0.45	0.47	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.94	0.89	0.91	2.78	ppb
Phosphorus	31-2	-27.99	19.50	19.89	3.80	724.36	ppb
Potassium	39-2	567.76	568.40	632.08	589.41	6.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	1.57	0.00	0.52	173.21	ppb
Selenium	82-1	-0.02	0.60	0.34	0.30	103.16	ppb
Silicon	28-1	4283.84	4232.32	4196.76	4237.64	1.03	ppb
Silver	109-1	0.47	0.42	0.37	0.42	11.06	ppb
Silver	107-1	0.45	0.42	0.43	0.43	3.76	ppb
Sodium	23-2	4397.01	4372.90	4365.97	4378.63	0.37	ppb
Strontium	86-1	27.67	27.96	27.63	27.75	0.64	ppb
Strontium	88-1	28.44	28.34	27.63	28.13	1.57	ppb
Sulfur	34-1	-579.36	-912.80	-845.85	-779.34		ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.08	0.06	0.06	0.07	11.40	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	3.48	ppb
Tin	118-1	2.57	2.39	2.49	2.48	3.58	ppb
Titanium	47-1	0.54	0.48	0.53	0.52	6.00	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.72	ppb
Vanadium	51-2	0.16	0.10	0.15	0.14	24.39	ppb
Yttrium	89-1				92		%
Yttrium	89-2				77		%
Zinc	66-2	11.70	11.51	11.71	11.64	0.94	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.16	0.14	0.16	7.14	ppb
Zirconium	91-1	0.17	0.14	0.15	0.15	12.28	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.33	4.04	1.73	4.03	57.06	ppb
Antimony	121-1	0.24	0.31	0.28	0.28	11.99	ppb
Arsenic	75-2	0.08	0.11	0.05	0.08	38.55	ppb
Barium	135-1	0.17	0.14	0.24	0.18	27.08	ppb
Barium	137-1	0.19	0.19	0.18	0.19	4.25	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	10.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	7.98	9.08	8.99	8.68	7.08	ppb
Boron	11-1	7.47	8.77	7.52	7.92	9.32	ppb
Cadmium	111-1	-0.30	-0.21	-0.24	-0.25		ppb
Cadmium	106-1	-4.42	-3.24	-3.63	-3.76		ppb
Cadmium	108-1	0.00	-0.07	-0.07	-0.05		ppb
Calcium	43-1	507.46	524.99	495.52	509.32	2.91	ppb
Calcium	44-1	501.06	523.25	511.63	511.98	2.17	ppb
Chromium	52-2	0.24	0.43	0.22	0.30	38.91	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	1.01	0.93	0.86	0.93	7.55	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				101		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				88		%
Iron	56-2	2.66	3.14	2.49	2.76	12.07	ppb
Iron	57-2	1.40	2.76	0.14	1.43	91.34	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.03	0.03	50.70	ppb
Lead	207-1	0.04	0.03	0.05	0.04	30.34	ppb
Lead	208-1	0.03	0.04	0.04	0.04	16.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	132.43	126.72	140.13	133.10	5.06	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	0.01	0.02	79.33	ppb
Molybdenum	94-1	0.17	0.23	0.20	0.20	13.60	ppb
Molybdenum	95-1	0.17	0.23	0.19	0.20	14.34	ppb
Molybdenum	96-1	0.19	0.21	0.17	0.19	9.80	ppb
Molybdenum	97-1	0.19	0.19	0.14	0.17	14.66	ppb
Molybdenum	98-1	0.17	0.22	0.21	0.20	15.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.22	0.31	0.23	31.01	ppb
Phosphorus	31-2	-27.99	-27.99	-27.99	-27.99		ppb
Potassium	39-2	101.06	101.67	131.75	111.49	15.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				79		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	2.79	0.00	0.93	173.21	ppb
Selenium	82-1	-0.52	-0.04	-0.03	-0.20		ppb
Silicon	28-1	826.15	845.71	814.78	828.88	1.89	ppb
Silver	109-1	0.14	0.12	0.14	0.14	7.40	ppb
Silver	107-1	0.14	0.13	0.14	0.14	4.10	ppb
Sodium	23-2	851.61	883.48	866.76	867.28	1.84	ppb
Strontium	86-1	5.21	5.70	5.28	5.40	4.92	ppb
Strontium	88-1	5.34	5.48	5.29	5.37	1.79	ppb
Sulfur	34-1	-2173.14	-1750.30	-1653.35	-1858.93		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.20	0.31	0.29	0.27	21.42	ppb
Titanium	47-1	0.18	0.20	0.10	0.16	33.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	53.84	ppb
Vanadium	51-2	0.07	0.00	0.06	0.05	79.60	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	2.54	3.30	3.06	2.97	13.12	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.02	17.08	ppb
Zirconium	91-1	0.06	0.06	0.02	0.04	52.33	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9008.21	9436.18	9276.26	9240.22	2.34	ppb
Antimony	121-1	557.03	502.69	503.24	520.99	5.99	ppb
Arsenic	75-2	514.00	512.93	504.72	510.55	0.99	ppb
Barium	135-1	2667.79	2384.93	2410.99	2487.91	6.28	ppb
Barium	137-1	2637.96	2376.90	2380.24	2465.03	6.08	ppb
Beryllium	9-1	458.13	412.26	411.74	427.38	6.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	418.50	379.26	398.10	398.62	4.92	ppb
Boron	11-1	403.83	372.10	380.06	385.33	4.28	ppb
Cadmium	111-1	536.62	481.88	482.27	500.26	6.30	ppb
Cadmium	106-1	525.28	465.38	472.84	487.83	6.69	ppb
Cadmium	108-1	537.57	470.13	475.72	494.48	7.57	ppb
Calcium	43-1	53393.82	47765.16	47662.80	49607.26	6.61	ppb
Calcium	44-1	53627.83	47692.99	47380.37	49567.06	7.10	ppb
Chromium	52-2	544.29	554.23	562.20	553.57	1.62	ppb
Cobalt	59-2	557.41	569.44	574.78	567.21	1.57	ppb
Copper	63-2	1103.74	1134.67	1142.67	1127.03	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				76		%
Iron	56-2	25671.81	26378.55	26457.08	26169.14	1.65	ppb
Iron	57-2	25182.92	25718.33	25995.51	25632.25	1.61	ppb
Krypton	83-1						cps
Lead	206-1	565.68	513.16	516.96	531.93	5.51	ppb
Lead	207-1	550.76	493.05	505.44	516.42	5.88	ppb
Lead	208-1	559.61	503.27	509.71	524.19	5.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	51374.56	52276.81	52607.29	52086.22	1.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.76	1015.76	1029.52	1010.68	2.16	ppb
Molybdenum	94-1	2776.12	2490.55	2488.23	2584.97	6.40	ppb
Molybdenum	95-1	2764.20	2464.94	2480.25	2569.80	6.56	ppb
Molybdenum	96-1	2775.81	2481.97	2478.59	2578.79	6.62	ppb
Molybdenum	97-1	2761.39	2494.94	2506.77	2587.70	5.82	ppb
Molybdenum	98-1	2761.94	2458.15	2476.76	2565.62	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	568.00	584.45	590.61	581.02	2.01	ppb
Phosphorus	31-2	-27.99	-27.99	-27.99	-27.99		ppb
Potassium	39-2	22360.00	23198.76	23619.28	23059.35	2.78	ppb
Rhodium	103-1				88		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				71		%
Selenium	77-2	481.56	376.76	549.05	469.13	18.51	ppb
Selenium	78-2	494.15	482.95	460.37	479.16	3.59	ppb
Selenium	82-1	559.43	494.97	500.47	518.29	6.89	ppb
Silicon	28-1	5043.52	4458.52	4463.54	4655.20	7.22	ppb
Silver	109-1	435.31	387.94	392.62	405.29	6.44	ppb
Silver	107-1	438.76	394.49	394.74	409.33	6.23	ppb
Sodium	23-2	56549.64	57631.53	58074.91	57418.69	1.37	ppb
Strontium	86-1	583.97	523.34	527.69	545.00	6.21	ppb
Strontium	88-1	593.93	528.53	531.54	551.33	6.70	ppb
Sulfur	34-1	1011.41	-647.98	-857.43	-164.67		ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	565.60	510.39	517.85	531.28	5.64	ppb
Thallium	205-1	562.61	514.29	515.03	530.65	5.22	ppb
Tin	118-1	519.55	466.04	464.38	483.32	6.49	ppb
Titanium	47-1	2676.66	2406.86	2381.36	2488.30	6.58	ppb
Uranium	238-1	566.95	514.02	515.59	532.19	5.66	ppb
Vanadium	51-2	536.15	547.88	552.67	545.56	1.56	ppb
Yttrium	89-1				88		%
Yttrium	89-2				75		%
Zinc	66-2	1048.95	1052.83	1073.71	1058.50	1.26	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	570.24	506.79	512.43	529.82	6.63	ppb
Zirconium	91-1	562.93	501.19	503.82	522.65	6.68	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9272.26	10263.47	8880.35	9472.03	7.53	ppb
Antimony	121-1	500.44	502.61	501.01	501.36	0.22	ppb
Arsenic	75-2	508.71	586.97	512.38	536.02	8.24	ppb
Barium	135-1	2420.41	2400.37	2377.86	2399.55	0.89	ppb
Barium	137-1	2385.88	2354.84	2400.52	2380.41	0.98	ppb
Beryllium	9-1	418.77	417.50	414.14	416.80	0.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				85		%
Boron	10-1	380.67	400.37	400.11	393.72	2.87	ppb
Boron	11-1	380.24	385.18	382.57	382.66	0.65	ppb
Cadmium	111-1	485.41	482.92	486.07	484.80	0.34	ppb
Cadmium	106-1	472.26	465.29	475.33	470.96	1.09	ppb
Cadmium	108-1	482.30	473.07	473.23	476.20	1.11	ppb
Calcium	43-1	47832.65	48086.00	48390.84	48103.16	0.58	ppb
Calcium	44-1	48296.95	48031.37	48122.48	48150.27	0.28	ppb
Chromium	52-2	555.14	649.18	554.69	586.34	9.28	ppb
Cobalt	59-2	572.53	673.34	568.13	604.67	9.84	ppb
Copper	63-2	1131.13	1321.67	1124.41	1192.41	9.39	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				102		%
Holmium	165-2				86		%
Indium	115-1				94		%
Indium	115-2				73		%
Iron	56-2	26231.58	30755.68	26051.94	27679.73	9.63	ppb
Iron	57-2	25532.56	30049.13	25758.28	27113.32	9.39	ppb
Krypton	83-1						cps
Lead	206-1	515.62	525.69	515.43	518.91	1.13	ppb
Lead	207-1	504.42	507.48	505.74	505.88	0.30	ppb
Lead	208-1	510.05	515.83	508.45	511.44	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	51037.28	59915.87	50852.28	53935.14	9.60	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.73	1195.55	1009.89	1071.39	10.04	ppb
Molybdenum	94-1	2525.25	2498.19	2486.84	2503.43	0.79	ppb
Molybdenum	95-1	2479.15	2451.71	2465.50	2465.45	0.56	ppb
Molybdenum	96-1	2491.05	2478.30	2481.82	2483.73	0.27	ppb
Molybdenum	97-1	2510.20	2469.22	2479.88	2486.43	0.86	ppb
Molybdenum	98-1	2482.32	2480.04	2450.76	2471.04	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	590.30	685.93	580.42	618.89	9.42	ppb
Phosphorus	31-2	19.70	27.60	-27.99	6.44	467.27	ppb
Potassium	39-2	23346.15	26643.69	23147.48	24379.11	8.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				68		%
Selenium	77-2	374.24	588.06	513.78	492.03	22.06	ppb
Selenium	78-2	482.95	589.20	464.23	512.13	13.16	ppb
Selenium	82-1	504.45	503.03	495.97	501.15	0.91	ppb
Silicon	28-1	4484.01	4504.86	4517.70	4502.19	0.38	ppb
Silver	109-1	398.36	389.78	392.21	393.45	1.12	ppb
Silver	107-1	396.80	393.42	393.97	394.73	0.46	ppb
Sodium	23-2	55811.11	64406.08	54564.51	58260.57	9.20	ppb
Strontium	86-1	528.04	526.31	530.36	528.24	0.38	ppb
Strontium	88-1	540.12	534.49	533.49	536.03	0.67	ppb
Sulfur	34-1	-654.21	-625.72	-693.52	-657.82		ppb
Terbium	159-1				100		%
Terbium	159-2				86		%
Thallium	203-1	518.96	525.78	518.09	520.95	0.81	ppb
Thallium	205-1	517.54	519.69	517.42	518.21	0.25	ppb
Tin	118-1	461.60	458.89	454.75	458.42	0.75	ppb
Titanium	47-1	2421.06	2387.92	2430.96	2413.31	0.93	ppb
Uranium	238-1	512.81	517.04	515.73	515.19	0.42	ppb
Vanadium	51-2	550.76	644.67	542.28	579.24	9.81	ppb
Yttrium	89-1				91		%
Yttrium	89-2				73		%
Zinc	66-2	1073.80	1255.92	1054.82	1128.18	9.84	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.13	516.97	517.06	517.05	0.02	ppb
Zirconium	91-1	511.86	509.60	507.77	509.74	0.40	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9269.74	9049.66	9147.66	9155.69	1.20	ppb
Antimony	121-1	499.30	492.47	494.19	495.32	0.72	ppb
Arsenic	75-2	510.29	502.83	514.80	509.31	1.19	ppb
Barium	135-1	2392.67	2337.25	2378.60	2369.51	1.22	ppb
Barium	137-1	2394.17	2346.28	2355.65	2365.37	1.07	ppb
Beryllium	9-1	424.42	426.63	416.12	422.39	1.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				89		%
Boron	10-1	398.11	413.88	412.18	408.06	2.12	ppb
Boron	11-1	384.09	399.26	398.32	393.89	2.16	ppb
Cadmium	111-1	479.23	478.11	479.73	479.03	0.17	ppb
Cadmium	106-1	468.13	467.28	466.00	467.14	0.23	ppb
Cadmium	108-1	485.00	473.53	478.64	479.06	1.20	ppb
Calcium	43-1	48176.47	48051.08	47753.70	47993.75	0.45	ppb
Calcium	44-1	48261.37	47969.16	47712.74	47981.09	0.57	ppb
Chromium	52-2	550.35	549.55	557.15	552.35	0.76	ppb
Cobalt	59-2	564.44	564.39	570.35	566.39	0.61	ppb
Copper	63-2	1117.34	1113.75	1122.65	1117.91	0.40	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				102		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				76		%
Iron	56-2	25943.21	25965.67	26308.96	26072.61	0.79	ppb
Iron	57-2	25484.36	25243.42	25399.21	25375.67	0.48	ppb
Krypton	83-1						cps
Lead	206-1	523.26	518.14	517.54	519.65	0.61	ppb
Lead	207-1	510.23	504.82	504.92	506.66	0.61	ppb
Lead	208-1	514.99	512.89	510.31	512.73	0.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	51529.31	50688.72	51427.25	51215.09	0.90	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.53	994.51	1013.84	1006.29	1.03	ppb
Molybdenum	94-1	2490.97	2508.94	2449.91	2483.27	1.22	ppb
Molybdenum	95-1	2455.78	2461.81	2413.42	2443.67	1.08	ppb
Molybdenum	96-1	2462.83	2448.19	2455.24	2455.42	0.30	ppb
Molybdenum	97-1	2473.48	2496.46	2460.48	2476.81	0.74	ppb
Molybdenum	98-1	2479.94	2469.21	2443.73	2464.29	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.10	581.85	584.85	582.27	0.41	ppb
Phosphorus	31-2	19.15	-27.99	68.15	19.77	243.12	ppb
Potassium	39-2	23288.93	22913.67	23191.08	23131.23	0.84	ppb
Rhodium	103-1				92		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				72		%
Selenium	77-2	476.84	486.24	470.66	477.91	1.64	ppb
Selenium	78-2	485.31	468.54	529.85	494.57	6.41	ppb
Selenium	82-1	494.99	499.96	492.62	495.86	0.76	ppb
Silicon	28-1	4502.10	4503.73	4429.65	4478.49	0.94	ppb
Silver	109-1	389.50	387.26	387.29	388.02	0.33	ppb
Silver	107-1	387.08	386.36	386.94	386.79	0.10	ppb
Sodium	23-2	56006.84	55929.01	56798.38	56244.74	0.86	ppb
Strontium	86-1	519.73	523.98	522.97	522.23	0.42	ppb
Strontium	88-1	530.17	530.53	526.68	529.13	0.40	ppb
Sulfur	34-1	-690.15	-695.18	-1007.43	-797.58		ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	522.51	517.32	512.71	517.51	0.95	ppb
Thallium	205-1	518.85	514.73	513.51	515.70	0.54	ppb
Tin	118-1	461.68	455.50	458.85	458.68	0.67	ppb
Titanium	47-1	2425.09	2418.66	2390.60	2411.45	0.76	ppb
Uranium	238-1	518.91	520.36	518.84	519.37	0.17	ppb
Vanadium	51-2	541.53	540.98	545.37	542.63	0.44	ppb
Yttrium	89-1				92		%
Yttrium	89-2				75		%
Zinc	66-2	1044.63	1037.97	1059.29	1047.30	1.04	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.71	508.94	507.00	508.88	0.37	ppb
Zirconium	91-1	504.97	505.44	496.92	502.44	0.95	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.72	15.34	12.62	13.56	11.37	ppb
Antimony	121-1	0.90	0.97	1.01	0.96	5.49	ppb
Arsenic	75-2	5.17	4.68	4.39	4.75	8.25	ppb
Barium	135-1	10.74	11.17	11.25	11.05	2.49	ppb
Barium	137-1	11.40	11.28	11.28	11.32	0.63	ppb
Beryllium	9-1	0.31	0.32	0.31	0.31	2.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				92		%
Boron	10-1	33.25	30.82	29.13	31.07	6.67	ppb
Boron	11-1	32.23	30.72	27.67	30.21	7.70	ppb
Cadmium	111-1	-0.13	-0.19	-0.23	-0.18		ppb
Cadmium	106-1	-4.04	-4.60	-4.29	-4.31		ppb
Cadmium	108-1	0.14	0.24	0.17	0.18	28.96	ppb
Calcium	43-1	3826.42	3825.53	3914.37	3855.44	1.32	ppb
Calcium	44-1	3858.71	3920.67	3907.84	3895.74	0.84	ppb
Chromium	52-2	1.05	1.27	1.03	1.12	12.09	ppb
Cobalt	59-2	1.32	1.33	1.21	1.29	5.14	ppb
Copper	63-2	4.01	4.24	4.36	4.21	4.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				78		%
Iron	56-2	2706.57	2667.19	2666.01	2679.92	0.86	ppb
Iron	57-2	2615.37	2609.34	2554.81	2593.17	1.29	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.53	0.54	0.53	2.06	ppb
Lead	207-1	0.49	0.46	0.46	0.47	2.98	ppb
Lead	208-1	0.50	0.50	0.51	0.50	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	1318.43	1318.91	1338.67	1325.34	0.87	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	161.99	162.03	160.13	161.38	0.67	ppb
Molybdenum	94-1	1.62	1.25	1.13	1.34	19.24	ppb
Molybdenum	95-1	1.27	1.06	1.02	1.12	11.83	ppb
Molybdenum	96-1	1.30	1.24	1.19	1.24	4.48	ppb
Molybdenum	97-1	1.20	1.26	0.89	1.12	17.55	ppb
Molybdenum	98-1	1.21	1.15	1.09	1.15	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.07	10.08	9.79	10.31	6.51	ppb
Phosphorus	31-2	168.38	20.95	118.23	102.52	73.12	ppb
Potassium	39-2	1257.44	1322.24	1293.94	1291.21	2.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				70		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	1.61	0.00	0.54	173.21	ppb
Selenium	82-1	0.29	0.29	0.35	0.31	12.03	ppb
Silicon	28-1	7975.78	7987.73	8027.31	7996.94	0.34	ppb
Silver	109-1	0.16	0.16	0.17	0.16	3.97	ppb
Silver	107-1	0.15	0.17	0.15	0.16	5.93	ppb
Sodium	23-2	17557.57	17235.98	17271.08	17354.88	1.02	ppb
Strontium	86-1	29.94	30.38	30.23	30.18	0.74	ppb
Strontium	88-1	30.63	30.80	31.25	30.89	1.03	ppb
Sulfur	34-1	4820.31	4694.40	4820.21	4778.31	1.52	ppb
Terbium	159-1				101		%
Terbium	159-2				89		%
Thallium	203-1	0.22	0.22	0.18	0.20	10.89	ppb
Thallium	205-1	0.21	0.20	0.17	0.20	12.30	ppb
Tin	118-1	5.91	6.00	5.62	5.84	3.38	ppb
Titanium	47-1	0.82	0.88	0.93	0.87	6.20	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	4.33	ppb
Vanadium	51-2	0.31	0.19	0.22	0.24	25.81	ppb
Yttrium	89-1				92		%
Yttrium	89-2				75		%
Zinc	66-2	10.82	11.18	11.58	11.19	3.40	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.29	0.25	0.27	6.31	ppb
Zirconium	91-1	0.25	0.32	0.33	0.30	13.58	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48703.72	49061.40	48683.50	48816.21	0.44	ppb
Antimony	121-1	491.47	465.61	473.92	477.00	2.77	ppb
Arsenic	75-2	507.61	509.73	496.68	504.68	1.39	ppb
Barium	135-1	2608.83	2466.76	2473.26	2516.28	3.19	ppb
Barium	137-1	2600.38	2461.59	2474.90	2512.29	3.05	ppb
Beryllium	9-1	537.73	500.63	504.59	514.32	3.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	535.61	506.58	532.95	525.05	3.06	ppb
Boron	11-1	518.61	508.51	512.78	513.30	0.99	ppb
Cadmium	111-1	497.93	470.89	473.25	480.69	3.12	ppb
Cadmium	106-1	509.99	474.08	460.85	481.64	5.28	ppb
Cadmium	108-1	502.99	476.70	477.99	485.89	3.05	ppb
Calcium	43-1	238483.62	227227.92	227835.35	231182.30	2.74	ppb
Calcium	44-1	239283.19	226698.81	228947.02	231643.01	2.90	ppb
Chromium	52-2	539.07	541.51	542.00	540.86	0.29	ppb
Cobalt	59-2	523.54	522.03	525.97	523.85	0.38	ppb
Copper	63-2	1028.74	1030.71	1029.26	1029.57	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	127315.14	128424.10	128496.93	128078.72	0.52	ppb
Iron	57-2	124585.72	125481.87	125340.65	125136.08	0.39	ppb
Krypton	83-1						cps
Lead	206-1	544.15	511.94	517.47	524.52	3.28	ppb
Lead	207-1	539.65	514.66	520.31	524.87	2.50	ppb
Lead	208-1	538.51	509.70	518.69	522.30	2.82	ppb
Lithium	6-1				88		%
Magnesium	24-2	249721.50	251702.07	251038.16	250820.58	0.40	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1032.49	1026.22	1029.76	1029.49	0.31	ppb
Molybdenum	94-1	2638.73	2529.05	2571.23	2579.67	2.14	ppb
Molybdenum	95-1	2643.65	2540.71	2561.03	2581.80	2.11	ppb
Molybdenum	96-1	2661.43	2542.72	2538.06	2580.74	2.71	ppb
Molybdenum	97-1	2661.12	2548.32	2556.07	2588.50	2.43	ppb
Molybdenum	98-1	2650.01	2540.38	2553.87	2581.42	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.54	531.64	532.03	532.40	0.19	ppb
Phosphorus	31-2	9954.90	10160.76	11495.12	10536.93	7.94	ppb
Potassium	39-2	117329.76	118385.86	119136.77	118284.13	0.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	486.98	601.94	573.24	554.06	10.80	ppb
Selenium	78-2	482.82	457.23	481.33	473.80	3.03	ppb
Selenium	82-1	505.00	482.14	490.93	492.69	2.34	ppb
Silicon	28-1	517.99	492.15	502.76	504.30	2.58	ppb
Silver	109-1	511.58	481.33	485.30	492.74	3.34	ppb
Silver	107-1	509.82	476.55	487.32	491.23	3.46	ppb
Sodium	23-2	248981.88	251299.90	251618.36	250633.38	0.57	ppb
Strontium	86-1	519.50	497.68	499.94	505.71	2.37	ppb
Strontium	88-1	526.60	504.18	509.27	513.35	2.29	ppb
Sulfur	34-1	9407.34	8075.16	8339.84	8607.45	8.19	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	539.62	511.86	517.01	522.83	2.82	ppb
Thallium	205-1	538.31	510.57	512.57	520.48	2.97	ppb
Tin	118-1	522.13	497.54	500.17	506.61	2.67	ppb
Titanium	47-1	2626.69	2490.70	2523.97	2547.12	2.78	ppb
Uranium	238-1	542.78	513.86	519.04	525.23	2.94	ppb
Vanadium	51-2	519.37	527.98	524.28	523.88	0.83	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	1016.77	1013.52	1017.51	1015.93	0.21	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	529.63	504.48	511.25	515.12	2.53	ppb
Zirconium	91-1	523.07	498.01	502.34	507.81	2.64	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.46	-0.62	9.44	4.09	123.72	ppb
Antimony	121-1	0.31	0.32	0.30	0.31	3.04	ppb
Arsenic	75-2	-0.02	-0.05	-0.05	-0.04		ppb
Barium	135-1	0.02	0.01	-0.01	0.01	245.80	ppb
Barium	137-1	0.04	0.03	0.02	0.03	18.57	ppb
Beryllium	9-1	0.13	0.16	0.20	0.16	22.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	12.90	10.55	13.25	12.23	12.02	ppb
Boron	11-1	12.18	10.61	11.93	11.57	7.31	ppb
Cadmium	111-1	-0.18	-0.39	-0.23	-0.27		ppb
Cadmium	106-1	-2.96	-5.40	-3.48	-3.95		ppb
Cadmium	108-1	0.09	0.00	0.07	0.05	94.61	ppb
Calcium	43-1	-4.43	4.04	-1.96	-0.78		ppb
Calcium	44-1	2.83	2.64	5.46	3.64	43.35	ppb
Chromium	52-2	0.11	0.04	0.14	0.10	51.13	ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.15	0.11	0.05	0.11	46.05	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1.43	2.02	1.16	1.53	28.73	ppb
Iron	57-2	1.35	2.52	0.71	1.52	60.24	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.00	0.01	120.95	ppb
Lead	207-1	0.02	0.01	0.02	0.02	26.29	ppb
Lead	208-1	0.01	0.01	0.01	0.01	23.39	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.18	2.97	2.83	3.33	22.29	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	-0.06	0.00	-0.04		ppb
Molybdenum	94-1	0.44	0.44	0.45	0.45	1.41	ppb
Molybdenum	95-1	0.40	0.38	0.38	0.39	3.51	ppb
Molybdenum	96-1	0.42	0.36	0.42	0.40	9.38	ppb
Molybdenum	97-1	0.39	0.42	0.44	0.42	5.56	ppb
Molybdenum	98-1	0.36	0.35	0.36	0.36	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-27.99	-27.99	-27.99	-27.99		ppb
Potassium	39-2	-1.18	4.17	20.84	7.94	144.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	2.59	0.00	0.00	0.86	173.21	ppb
Selenium	82-1	-0.25	-0.33	-0.26	-0.28		ppb
Silicon	28-1	-11.72	-12.61	-8.45	-10.93		ppb
Silver	109-1	0.05	0.04	0.04	0.04	7.55	ppb
Silver	107-1	0.04	0.04	0.05	0.04	13.62	ppb
Sodium	23-2	32.92	48.58	31.02	37.51	25.70	ppb
Strontium	86-1	-0.01	0.04	0.02	0.02	129.11	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	43.04	ppb
Sulfur	34-1	-1653.94	-1656.10	-1136.87	-1482.30		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.03	0.03	13.02	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.94	ppb
Tin	118-1	0.17	0.13	0.09	0.13	31.89	ppb
Titanium	47-1	0.06	0.04	0.05	0.05	27.32	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.05	ppb
Vanadium	51-2	0.01	-0.02	-0.01	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.20	0.32	0.27	0.26	21.98	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.10	0.10	0.10	15.71	ppb
Zirconium	91-1	0.10	0.09	0.11	0.10	6.90	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.72	97.47	122.34	104.51	14.88	ppb
Antimony	121-1	1.34	1.15	1.14	1.21	9.31	ppb
Arsenic	75-2	50.51	50.28	49.01	49.93	1.62	ppb
Barium	135-1	22.93	23.80	24.68	23.81	3.68	ppb
Barium	137-1	23.50	24.29	25.33	24.38	3.77	ppb
Beryllium	9-1	0.33	0.35	0.34	0.34	3.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	18.07	18.98	19.64	18.90	4.16	ppb
Boron	11-1	19.88	17.95	17.95	18.59	5.99	ppb
Cadmium	111-1	-0.24	-0.29	-0.28	-0.27		ppb
Cadmium	106-1	-4.84	-5.26	-5.13	-5.08		ppb
Cadmium	108-1	0.04	0.04	0.15	0.07	88.57	ppb
Calcium	43-1	111647.80	112066.09	115195.83	112969.91	1.72	ppb
Calcium	44-1	108804.64	110251.95	113649.52	110902.04	2.24	ppb
Chromium	52-2	20.38	20.06	20.47	20.30	1.07	ppb
Cobalt	59-2	43.09	44.08	43.70	43.63	1.14	ppb
Copper	63-2	4.08	4.19	4.55	4.27	5.79	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				99		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				76		%
Iron	56-2	82997.27	83193.88	83658.79	83283.31	0.41	ppb
Iron	57-2	80758.61	80942.36	81432.21	81044.40	0.43	ppb
Krypton	83-1						cps
Lead	206-1	1.95	1.92	1.98	1.95	1.63	ppb
Lead	207-1	1.74	1.73	1.86	1.78	3.90	ppb
Lead	208-1	1.85	1.85	1.91	1.87	1.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	53412.77	53675.91	53793.27	53627.31	0.36	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17265.20	17230.28	17173.16	17222.88	0.27	ppb
Molybdenum	94-1	1.82	1.62	1.51	1.65	9.75	ppb
Molybdenum	95-1	0.75	0.74	0.66	0.72	6.78	ppb
Molybdenum	96-1	0.93	1.01	0.92	0.96	5.37	ppb
Molybdenum	97-1	0.64	0.72	0.67	0.68	6.19	ppb
Molybdenum	98-1	0.68	0.63	0.66	0.66	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.47	29.74	29.95	30.39	3.10	ppb
Phosphorus	31-2	68.47	215.92	119.56	134.65	55.61	ppb
Potassium	39-2	9133.48	9065.43	9022.62	9073.84	0.62	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				70		%
Selenium	77-2	-2.61	7.59	7.67	4.22	140.21	ppb
Selenium	78-2	0.00	0.00	3.23	1.08	173.21	ppb
Selenium	82-1	-0.56	-0.01	-0.61	-0.39		ppb
Silicon	28-1	13160.78	13288.10	13682.58	13377.15	2.03	ppb
Silver	109-1	0.31	0.32	0.26	0.30	10.91	ppb
Silver	107-1	0.32	0.30	0.35	0.32	6.60	ppb
Sodium	23-2	394631.16	395683.37	396770.03	395694.85	0.27	ppb
Strontium	86-1	1378.14	1391.29	1440.61	1403.34	2.35	ppb
Strontium	88-1	1388.76	1407.89	1454.44	1417.03	2.38	ppb
Sulfur	34-1	338790.29	342406.68	353367.30	344854.76	2.20	ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.10	0.10	0.11	22.70	ppb
Thallium	205-1	0.15	0.11	0.10	0.12	24.09	ppb
Tin	118-1	4.58	4.46	4.39	4.48	2.11	ppb
Titanium	47-1	2.32	2.96	2.75	2.68	12.09	ppb
Uranium	238-1	1.21	1.18	1.27	1.22	3.75	ppb
Vanadium	51-2	1.03	1.23	1.13	1.13	8.67	ppb
Yttrium	89-1				90		%
Yttrium	89-2				75		%
Zinc	66-2	17.97	18.38	18.14	18.16	1.14	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.81	0.72	0.62	0.72	13.12	ppb
Zirconium	91-1	0.90	0.86	0.69	0.81	13.65	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.11	98.50	87.33	87.65	12.21	ppb
Antimony	121-1	0.82	0.83	0.83	0.83	0.72	ppb
Arsenic	75-2	46.60	47.86	48.28	47.58	1.84	ppb
Barium	135-1	22.30	23.21	23.27	22.93	2.35	ppb
Barium	137-1	23.24	23.68	24.03	23.65	1.67	ppb
Beryllium	9-1	0.25	0.29	0.28	0.28	6.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				88		%
Boron	10-1	16.08	16.73	18.15	16.99	6.23	ppb
Boron	11-1	16.39	16.20	16.40	16.33	0.68	ppb
Cadmium	111-1	-0.40	-0.24	-0.25	-0.30		ppb
Cadmium	106-1	-5.71	-4.12	-3.85	-4.56		ppb
Cadmium	108-1	0.00	0.04	0.11	0.05	111.78	ppb
Calcium	43-1	107280.28	112674.35	110730.73	110228.45	2.48	ppb
Calcium	44-1	104621.69	109615.60	109309.40	107848.90	2.60	ppb
Chromium	52-2	19.09	19.30	18.69	19.03	1.63	ppb
Cobalt	59-2	42.53	42.15	41.84	42.18	0.81	ppb
Copper	63-2	4.74	4.58	4.50	4.61	2.63	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				101		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				76		%
Iron	56-2	81582.42	80096.30	82420.31	81366.34	1.45	ppb
Iron	57-2	78607.59	78224.99	80027.28	78953.29	1.20	ppb
Krypton	83-1						cps
Lead	206-1	1.87	2.00	1.96	1.94	3.48	ppb
Lead	207-1	1.69	1.79	1.76	1.74	3.05	ppb
Lead	208-1	1.77	1.87	1.87	1.84	3.29	ppb
Lithium	6-1				92		%
Magnesium	24-2	52459.03	52019.26	53107.94	52528.74	1.04	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16759.80	16682.05	17069.85	16837.23	1.22	ppb
Molybdenum	94-1	1.00	0.93	1.03	0.99	4.99	ppb
Molybdenum	95-1	0.66	0.68	0.64	0.66	2.38	ppb
Molybdenum	96-1	0.74	0.72	0.79	0.75	5.21	ppb
Molybdenum	97-1	0.61	0.49	0.63	0.57	13.40	ppb
Molybdenum	98-1	0.56	0.57	0.62	0.58	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.52	28.74	29.14	29.47	3.18	ppb
Phosphorus	31-2	21.31	21.29	22.56	21.72	3.36	ppb
Potassium	39-2	8775.17	8761.49	9071.02	8869.23	1.97	ppb
Rhodium	103-1				88		%
Rhodium	103-2				80		%
Scandium	45-1				81		%
Scandium	45-2				68		%
Selenium	77-2	7.70	-2.61	18.20	7.77	134.00	ppb
Selenium	78-2	0.00	1.63	0.00	0.54	173.21	ppb
Selenium	82-1	0.30	-0.16	-0.30	-0.05		ppb
Silicon	28-1	12398.05	12853.37	12873.30	12708.24	2.12	ppb
Silver	109-1	0.16	0.15	0.15	0.15	5.40	ppb
Silver	107-1	0.15	0.17	0.16	0.16	7.03	ppb
Sodium	23-2	385437.87	385519.79	393062.30	388006.66	1.13	ppb
Strontium	86-1	1330.00	1395.95	1399.28	1375.08	2.84	ppb
Strontium	88-1	1340.49	1393.29	1394.47	1376.08	2.24	ppb
Sulfur	34-1	322620.85	339462.98	335868.77	332650.87	2.67	ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.04	0.05	0.04	26.16	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	15.87	ppb
Tin	118-1	3.74	3.81	3.89	3.81	1.87	ppb
Titanium	47-1	2.31	2.96	2.52	2.60	12.85	ppb
Uranium	238-1	1.17	1.22	1.23	1.21	2.73	ppb
Vanadium	51-2	0.95	1.04	0.98	0.99	4.99	ppb
Yttrium	89-1				89		%
Yttrium	89-2				74		%
Zinc	66-2	20.75	17.88	18.45	19.03	7.98	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.38	0.34	0.36	5.03	ppb
Zirconium	91-1	0.38	0.37	0.41	0.39	5.56	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47942.21	48414.74	48258.08	48205.01	0.50	ppb
Antimony	121-1	484.73	486.75	484.27	485.25	0.27	ppb
Arsenic	75-2	495.96	498.18	496.42	496.85	0.24	ppb
Barium	135-1	2460.28	2466.46	2470.54	2465.76	0.21	ppb
Barium	137-1	2447.69	2439.84	2444.96	2444.16	0.16	ppb
Beryllium	9-1	515.69	511.18	514.93	513.93	0.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	489.51	512.24	535.09	512.28	4.45	ppb
Boron	11-1	497.08	509.16	519.82	508.68	2.24	ppb
Cadmium	111-1	468.75	470.84	466.93	468.84	0.42	ppb
Cadmium	106-1	461.83	464.16	472.45	466.15	1.20	ppb
Cadmium	108-1	470.92	477.06	470.05	472.68	0.81	ppb
Calcium	43-1	226251.41	227325.67	226998.60	226858.56	0.24	ppb
Calcium	44-1	223898.34	227476.36	225298.70	225557.80	0.80	ppb
Chromium	52-2	529.56	533.59	531.16	531.44	0.38	ppb
Cobalt	59-2	516.10	515.43	515.64	515.73	0.07	ppb
Copper	63-2	1005.69	1014.48	1013.23	1011.13	0.47	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				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	125924.10	126523.78	126287.26	126245.05	0.24	ppb
Iron	57-2	122857.70	123075.77	122846.41	122926.63	0.11	ppb
Krypton	83-1						cps
Lead	206-1	515.30	512.71	512.30	513.44	0.32	ppb
Lead	207-1	514.75	511.66	515.83	514.08	0.42	ppb
Lead	208-1	513.16	510.13	511.70	511.66	0.30	ppb
Lithium	6-1				91		%
Magnesium	24-2	243198.03	245735.69	247018.03	245317.25	0.79	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.47	1015.91	1021.59	1017.33	0.37	ppb
Molybdenum	94-1	2477.54	2490.13	2534.34	2500.67	1.19	ppb
Molybdenum	95-1	2497.31	2499.71	2504.38	2500.47	0.14	ppb
Molybdenum	96-1	2505.89	2502.99	2523.78	2510.89	0.45	ppb
Molybdenum	97-1	2494.27	2534.84	2540.22	2523.11	1.00	ppb
Molybdenum	98-1	2487.05	2513.18	2528.35	2509.53	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.75	524.66	523.30	522.57	0.49	ppb
Phosphorus	31-2	10827.71	10992.38	10173.11	10664.40	4.06	ppb
Potassium	39-2	117156.45	117834.75	116387.16	117126.12	0.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	462.93	456.72	593.98	504.54	15.36	ppb
Selenium	78-2	475.12	501.06	468.37	481.51	3.58	ppb
Selenium	82-1	475.60	480.19	480.65	478.81	0.58	ppb
Silicon	28-1	468.72	481.88	485.71	478.77	1.86	ppb
Silver	109-1	484.85	481.42	472.79	479.68	1.30	ppb
Silver	107-1	479.68	484.38	479.48	481.18	0.58	ppb
Sodium	23-2	245550.01	246179.99	246110.66	245946.89	0.14	ppb
Strontium	86-1	487.52	495.14	496.29	492.98	0.97	ppb
Strontium	88-1	498.20	500.87	500.54	499.87	0.29	ppb
Sulfur	34-1	7625.76	7897.21	7791.69	7771.56	1.76	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	509.74	508.88	506.41	508.34	0.34	ppb
Thallium	205-1	510.33	507.81	509.07	509.07	0.25	ppb
Tin	118-1	494.18	494.12	490.48	492.93	0.43	ppb
Titanium	47-1	2453.41	2481.80	2462.30	2465.84	0.59	ppb
Uranium	238-1	509.26	507.68	510.43	509.12	0.27	ppb
Vanadium	51-2	515.98	519.73	519.68	518.46	0.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	996.06	1008.20	994.98	999.75	0.73	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.59	499.71	501.99	499.10	0.65	ppb
Zirconium	91-1	493.63	493.59	496.76	494.66	0.37	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	5.24	1.30	3.24	60.98	ppb
Antimony	121-1	0.18	0.19	0.16	0.18	6.51	ppb
Arsenic	75-2	-0.02	0.01	-0.02	-0.01		ppb
Barium	135-1	-0.02	0.00	0.02	0.00	1321.29	ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.13	0.11	0.15	0.13	11.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	5.17	4.76	5.45	5.13	6.76	ppb
Boron	11-1	5.03	5.52	5.21	5.25	4.64	ppb
Cadmium	111-1	-0.24	-0.30	-0.25	-0.26		ppb
Cadmium	106-1	-3.44	-4.12	-3.35	-3.64		ppb
Cadmium	108-1	-0.07	0.03	0.03	-0.01		ppb
Calcium	43-1	1.27	-2.41	-0.98	-0.71		ppb
Calcium	44-1	-2.77	-2.06	-5.26	-3.37		ppb
Chromium	52-2	-0.05	0.07	-0.12	-0.03		ppb
Cobalt	59-2	-0.03	0.00	-0.02	-0.02		ppb
Copper	63-2	0.00	0.01	-0.04	-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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	1.07	1.06	1.29	1.14	11.51	ppb
Iron	57-2	-1.71	-1.65	-2.23	-1.86		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.01	42.53	ppb
Lead	207-1	0.00	0.02	0.00	0.01	129.45	ppb
Lead	208-1	0.00	0.01	0.01	0.01	37.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.62	4.55	6.67	5.28	22.82	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.02	0.01	-0.02		ppb
Molybdenum	94-1	0.16	0.12	0.17	0.15	17.08	ppb
Molybdenum	95-1	0.15	0.10	0.09	0.12	28.26	ppb
Molybdenum	96-1	0.17	0.17	0.12	0.15	18.38	ppb
Molybdenum	97-1	0.17	0.17	0.17	0.17	0.70	ppb
Molybdenum	98-1	0.17	0.12	0.11	0.13	24.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.04	0.06	0.03	190.11	ppb
Phosphorus	31-2	6.93	-27.99	-27.99	-16.35		ppb
Potassium	39-2	-9.15	-0.07	1.09	-2.71		ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	1.22	0.00	1.21	0.81	86.60	ppb
Selenium	82-1	0.07	0.30	0.49	0.29	73.99	ppb
Silicon	28-1	-10.30	-10.70	-14.21	-11.74		ppb
Silver	109-1	0.02	0.02	0.02	0.02	22.59	ppb
Silver	107-1	0.03	0.02	0.02	0.02	32.26	ppb
Sodium	23-2	22.67	21.31	28.03	24.01	14.80	ppb
Strontium	86-1	-0.01	-0.01	0.06	0.01	329.58	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	59.31	ppb
Sulfur	34-1	-915.09	-1011.45	-1303.30	-1076.61		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	71.82	ppb
Tin	118-1	0.05	0.03	0.07	0.05	33.49	ppb
Titanium	47-1	0.04	0.09	0.09	0.07	44.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.71	ppb
Vanadium	51-2	0.01	-0.01	0.02	0.01	206.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.16	0.22	0.35	0.24	39.25	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	6.88	ppb
Zirconium	91-1	0.07	0.02	0.10	0.06	64.52	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	-0.62	3.18	1.28	149.02	ppb
Antimony	121-1	0.08	0.06	0.09	0.08	20.83	ppb
Arsenic	75-2	0.04	-0.05	0.01	0.00	4334.72	ppb
Barium	135-1	0.00	0.01	0.01	0.01	52.12	ppb
Barium	137-1	0.00	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.11	0.08	0.12	0.10	19.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	3.43	4.72	4.53	4.23	16.42	ppb
Boron	11-1	4.33	4.53	4.47	4.44	2.26	ppb
Cadmium	111-1	-0.19	-0.20	-0.19	-0.19		ppb
Cadmium	106-1	-2.73	-3.03	-2.71	-2.82		ppb
Cadmium	108-1	-0.07	0.02	-0.01	-0.02		ppb
Calcium	43-1	-3.76	3.61	-4.98	-1.71		ppb
Calcium	44-1	-5.27	-4.78	-3.48	-4.51		ppb
Chromium	52-2	-0.08	-0.02	-0.05	-0.05		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.02	0.00	0.00	0.01	105.72	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				106		%
Indium	115-2				99		%
Iron	56-2	0.74	0.70	0.15	0.53	61.79	ppb
Iron	57-2	-2.79	0.00	-1.17	-1.32		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.01	0.01	0.02	0.01	72.08	ppb
Lead	208-1	0.01	0.00	0.01	0.01	22.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.07	4.10	5.40	4.19	27.83	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.08	0.01	0.05	71.07	ppb
Molybdenum	94-1	0.10	0.13	0.06	0.10	37.96	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	17.48	ppb
Molybdenum	96-1	0.06	0.08	0.06	0.07	19.45	ppb
Molybdenum	97-1	0.07	0.06	0.03	0.05	33.28	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	19.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.17	0.05	0.08	113.06	ppb
Phosphorus	31-2	6.84	-27.99	6.97	-4.72		ppb
Potassium	39-2	5.27	-8.07	12.06	3.09	331.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	-2.61	5.15	-2.61	-0.02		ppb
Selenium	78-2	3.66	1.22	0.00	1.63	114.64	ppb
Selenium	82-1	-0.69	-0.52	0.21	-0.33		ppb
Silicon	28-1	-14.36	-14.87	-14.35	-14.53		ppb
Silver	109-1	0.02	0.02	0.01	0.02	13.70	ppb
Silver	107-1	0.02	0.01	0.01	0.01	18.64	ppb
Sodium	23-2	22.13	23.30	21.07	22.17	5.03	ppb
Strontium	86-1	0.02	-0.02	0.03	0.01	289.13	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.18	ppb
Sulfur	34-1	-1626.05	-1764.79	-1425.11	-1605.32		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.01	0.03	0.00	0.00	411.86	ppb
Titanium	47-1	-0.06	0.03	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	294.55	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	382.34	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.06	0.00	-0.19	-0.05		ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.02	0.02	30.46	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	35.56	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9628.02	9886.12	9442.26	9652.13	2.31	ppb
Antimony	121-1	501.11	495.65	477.63	491.46	2.50	ppb
Arsenic	75-2	498.50	497.40	493.40	496.43	0.54	ppb
Barium	135-1	2506.05	2469.95	2385.33	2453.78	2.53	ppb
Barium	137-1	2468.14	2464.31	2368.50	2433.65	2.32	ppb
Beryllium	9-1	504.62	489.76	483.64	492.67	2.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	473.84	474.08	472.49	473.47	0.18	ppb
Boron	11-1	462.33	470.14	476.05	469.50	1.47	ppb
Cadmium	111-1	489.26	487.64	474.03	483.64	1.73	ppb
Cadmium	106-1	497.93	482.47	468.53	482.98	3.05	ppb
Cadmium	108-1	490.99	486.73	469.21	482.31	2.39	ppb
Calcium	43-1	45613.66	46320.48	44852.03	45595.39	1.61	ppb
Calcium	44-1	46193.55	46596.29	44780.43	45856.75	2.08	ppb
Chromium	52-2	514.87	524.40	511.69	516.99	1.28	ppb
Cobalt	59-2	525.01	532.02	522.10	526.37	0.97	ppb
Copper	63-2	1052.67	1068.05	1047.70	1056.14	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	25811.95	26115.69	25692.37	25873.33	0.84	ppb
Iron	57-2	24828.07	25055.15	25225.66	25036.29	0.80	ppb
Krypton	83-1						cps
Lead	206-1	505.39	500.70	480.72	495.61	2.64	ppb
Lead	207-1	504.72	507.67	484.79	499.06	2.49	ppb
Lead	208-1	506.88	503.76	480.70	497.11	2.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	49913.24	50338.11	49638.60	49963.32	0.71	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.35	1025.80	1017.83	1021.33	0.40	ppb
Molybdenum	94-1	2479.44	2486.85	2403.64	2456.64	1.87	ppb
Molybdenum	95-1	2482.88	2478.02	2408.25	2456.39	1.70	ppb
Molybdenum	96-1	2493.13	2492.89	2415.44	2467.16	1.82	ppb
Molybdenum	97-1	2488.48	2512.82	2423.59	2474.96	1.86	ppb
Molybdenum	98-1	2478.24	2491.70	2426.96	2465.63	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.13	535.07	520.67	528.96	1.41	ppb
Phosphorus	31-2	10179.74	11027.28	10678.76	10628.60	4.01	ppb
Potassium	39-2	23479.27	23987.54	23227.86	23564.89	1.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	596.48	522.06	501.42	539.99	9.26	ppb
Selenium	78-2	485.58	479.07	486.32	483.66	0.83	ppb
Selenium	82-1	485.26	485.44	476.95	482.55	1.01	ppb
Silicon	28-1	472.15	482.66	467.94	474.25	1.60	ppb
Silver	109-1	499.51	495.31	482.42	492.41	1.81	ppb
Silver	107-1	501.87	499.68	479.61	493.72	2.48	ppb
Sodium	23-2	50921.97	51200.95	50742.53	50955.15	0.45	ppb
Strontium	86-1	488.07	491.46	476.28	485.27	1.64	ppb
Strontium	88-1	497.94	499.79	481.47	493.07	2.05	ppb
Sulfur	34-1	8537.07	8555.50	7536.19	8209.59	7.10	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	499.15	502.22	488.00	496.46	1.51	ppb
Thallium	205-1	500.52	501.54	481.77	494.61	2.25	ppb
Tin	118-1	502.93	502.54	484.58	496.68	2.11	ppb
Titanium	47-1	2469.43	2515.74	2395.54	2460.24	2.46	ppb
Uranium	238-1	488.41	494.45	471.09	484.65	2.50	ppb
Vanadium	51-2	516.23	520.49	511.87	516.20	0.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	1055.35	1072.02	1052.51	1059.96	0.99	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.96	498.78	476.78	489.17	2.30	ppb
Zirconium	91-1	488.25	490.34	471.37	483.32	2.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.81	69.65	59.33	66.60	9.49	ppb
Antimony	121-1	1.13	1.01	0.95	1.03	8.73	ppb
Arsenic	75-2	0.22	0.38	0.37	0.32	28.56	ppb
Barium	135-1	14.93	14.63	14.83	14.80	1.04	ppb
Barium	137-1	15.01	14.83	15.25	15.03	1.40	ppb
Beryllium	9-1	0.20	0.21	0.23	0.21	7.32	ppb
Bismuth	209-1				122		%
Bismuth	209-2				114		%
Boron	10-1	24.99	22.37	25.76	24.37	7.28	ppb
Boron	11-1	26.39	25.23	23.63	25.08	5.52	ppb
Cadmium	111-1	-0.08	-0.05	-0.10	-0.08		ppb
Cadmium	106-1	-2.95	-2.80	-3.36	-3.04		ppb
Cadmium	108-1	0.30	0.30	0.07	0.22	59.12	ppb
Calcium	43-1	4894.22	4932.01	4864.53	4896.92	0.69	ppb
Calcium	44-1	5049.20	5049.30	5024.93	5041.14	0.28	ppb
Chromium	52-2	3.61	4.15	3.70	3.82	7.54	ppb
Cobalt	59-2	0.10	0.14	0.09	0.11	25.88	ppb
Copper	63-2	306.86	306.07	296.78	303.23	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				121		%
Holmium	165-2				113		%
Indium	115-1				119		%
Indium	115-2				106		%
Iron	56-2	30.18	29.18	32.59	30.65	5.73	ppb
Iron	57-2	28.93	33.45	30.21	30.86	7.55	ppb
Krypton	83-1						cps
Lead	206-1	2.30	2.34	2.24	2.29	2.25	ppb
Lead	207-1	2.20	2.10	2.18	2.16	2.30	ppb
Lead	208-1	2.24	2.25	2.21	2.23	0.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	1111.63	1098.57	1072.80	1094.34	1.81	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.49	13.17	12.73	13.13	2.90	ppb
Molybdenum	94-1	1.98	1.64	1.49	1.70	14.71	ppb
Molybdenum	95-1	1.28	1.18	0.91	1.12	16.76	ppb
Molybdenum	96-1	1.39	1.33	1.00	1.24	16.74	ppb
Molybdenum	97-1	1.28	1.16	1.08	1.17	8.38	ppb
Molybdenum	98-1	1.37	1.17	1.02	1.19	14.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.83	177.78	176.57	177.73	0.64	ppb
Phosphorus	31-2	477.56	244.23	506.81	409.53	35.14	ppb
Potassium	39-2	484.96	425.82	490.91	467.23	7.70	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	2.31	1.14	1.15	100.44	ppb
Selenium	82-1	0.26	0.20	0.68	0.38	69.16	ppb
Silicon	28-1	789.20	791.01	767.92	782.71	1.64	ppb
Silver	109-1	0.05	0.04	0.04	0.04	12.41	ppb
Silver	107-1	0.05	0.05	0.04	0.05	6.10	ppb
Sodium	23-2	9993.05	9859.75	9751.00	9867.93	1.23	ppb
Strontium	86-1	18.93	18.68	18.81	18.81	0.66	ppb
Strontium	88-1	19.24	18.97	18.66	18.96	1.54	ppb
Sulfur	34-1	-2159.59	-2192.87	-2037.36	-2129.94		ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	0.11	0.07	0.07	0.08	26.71	ppb
Thallium	205-1	0.12	0.08	0.08	0.09	22.74	ppb
Tin	118-1	19.30	18.86	18.91	19.02	1.26	ppb
Titanium	47-1	0.47	0.41	0.40	0.43	9.24	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	13.19	ppb
Vanadium	51-2	0.07	0.08	0.05	0.07	23.30	ppb
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	952.67	964.77	938.40	951.95	1.39	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.69	0.59	0.48	0.59	17.52	ppb
Zirconium	91-1	0.64	0.55	0.47	0.56	15.47	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.48	39.79	36.11	42.46	18.90	ppb
Antimony	121-1	0.33	0.34	0.34	0.34	1.66	ppb
Arsenic	75-2	0.20	0.41	0.28	0.30	35.34	ppb
Barium	135-1	15.01	15.50	15.65	15.39	2.17	ppb
Barium	137-1	14.27	15.57	15.65	15.16	5.10	ppb
Beryllium	9-1	0.14	0.10	0.12	0.12	16.17	ppb
Bismuth	209-1				118		%
Bismuth	209-2				111		%
Boron	10-1	12.80	13.54	13.26	13.20	2.83	ppb
Boron	11-1	12.83	13.55	13.01	13.13	2.84	ppb
Cadmium	111-1	-0.20	-0.10	-0.18	-0.16		ppb
Cadmium	106-1	-3.13	-1.35	-2.81	-2.43		ppb
Cadmium	108-1	0.38	0.60	0.23	0.40	47.02	ppb
Calcium	43-1	4909.80	5102.15	5208.32	5073.42	2.98	ppb
Calcium	44-1	5066.45	5240.16	5272.06	5192.89	2.13	ppb
Chromium	52-2	-0.05	0.05	-0.13	-0.04		ppb
Cobalt	59-2	0.15	0.11	0.07	0.11	34.18	ppb
Copper	63-2	952.85	975.48	929.64	952.66	2.41	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				119		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	56-2	26.59	28.19	26.87	27.22	3.14	ppb
Iron	57-2	23.11	17.47	27.97	22.85	23.02	ppb
Krypton	83-1						cps
Lead	206-1	1.79	1.65	1.71	1.72	4.17	ppb
Lead	207-1	1.55	1.55	1.64	1.58	3.26	ppb
Lead	208-1	1.61	1.62	1.67	1.63	1.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	1138.07	1196.32	1101.69	1145.36	4.17	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.07	11.06	10.93	11.36	5.50	ppb
Molybdenum	94-1	0.78	0.74	0.55	0.69	17.23	ppb
Molybdenum	95-1	0.43	0.42	0.40	0.42	3.12	ppb
Molybdenum	96-1	0.45	0.46	0.41	0.44	5.97	ppb
Molybdenum	97-1	0.38	0.36	0.38	0.37	3.59	ppb
Molybdenum	98-1	0.39	0.38	0.36	0.38	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.65	18.01	16.79	17.48	3.58	ppb
Phosphorus	31-2	314.41	219.92	647.89	394.07	57.05	ppb
Potassium	39-2	470.65	450.89	493.46	471.67	4.52	ppb
Rhodium	103-1				115		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	77-2	5.06	-2.61	-2.61	-0.05		ppb
Selenium	78-2	0.00	0.00	3.52	1.17	173.21	ppb
Selenium	82-1	-0.47	0.01	0.36	-0.03		ppb
Silicon	28-1	821.63	797.01	817.52	812.05	1.62	ppb
Silver	109-1	0.02	0.01	0.03	0.02	33.83	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.82	ppb
Sodium	23-2	10003.40	10250.55	9791.18	10015.05	2.30	ppb
Strontium	86-1	18.66	19.75	18.70	19.04	3.25	ppb
Strontium	88-1	19.11	19.88	19.86	19.62	2.23	ppb
Sulfur	34-1	-2396.96	-1853.20	-1410.37	-1886.84		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.04	0.06	0.05	16.53	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	14.34	ppb
Tin	118-1	20.89	22.63	22.77	22.10	4.75	ppb
Titanium	47-1	0.33	0.23	0.31	0.29	18.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.76	ppb
Vanadium	51-2	0.03	0.06	0.06	0.05	32.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	1926.04	1992.23	1889.34	1935.87	2.69	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.26	0.28	0.29	10.60	ppb
Zirconium	91-1	0.31	0.33	0.27	0.30	11.43	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.01	9.03	14.50	10.18	38.04	ppb
Antimony	121-1	0.21	0.22	0.17	0.20	14.14	ppb
Arsenic	75-2	0.28	0.45	0.47	0.40	25.68	ppb
Barium	135-1	14.81	15.76	14.97	15.18	3.33	ppb
Barium	137-1	14.87	15.59	15.03	15.16	2.48	ppb
Beryllium	9-1	0.12	0.10	0.07	0.10	27.00	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Boron	10-1	8.73	10.94	9.19	9.62	12.11	ppb
Boron	11-1	9.51	10.07	9.64	9.74	3.04	ppb
Cadmium	111-1	-0.20	-0.34	-0.16	-0.24		ppb
Cadmium	106-1	-2.99	-5.03	-2.55	-3.52		ppb
Cadmium	108-1	0.07	0.05	-0.01	0.04	119.66	ppb
Calcium	43-1	4812.38	5181.57	4914.07	4969.34	3.84	ppb
Calcium	44-1	4977.24	5228.02	5025.59	5076.95	2.62	ppb
Chromium	52-2	0.11	-0.13	0.01	0.00		ppb
Cobalt	59-2	0.02	-0.02	0.00	0.00		ppb
Copper	63-2	192.13	193.35	188.69	191.39	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	33.19	32.24	34.22	33.22	2.98	ppb
Iron	57-2	37.38	32.36	33.21	34.32	7.84	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.32	0.33	0.33	3.44	ppb
Lead	207-1	0.25	0.33	0.36	0.31	18.20	ppb
Lead	208-1	0.32	0.33	0.33	0.33	2.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	1114.18	1101.85	1111.05	1109.03	0.58	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.61	12.86	13.53	13.33	3.09	ppb
Molybdenum	94-1	0.47	0.37	0.45	0.43	11.83	ppb
Molybdenum	95-1	0.21	0.18	0.19	0.19	9.61	ppb
Molybdenum	96-1	0.19	0.21	0.24	0.22	10.71	ppb
Molybdenum	97-1	0.22	0.18	0.25	0.22	16.35	ppb
Molybdenum	98-1	0.19	0.22	0.18	0.19	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.13	4.21	3.95	4.10	3.21	ppb
Phosphorus	31-2	674.72	753.68	632.96	687.12	8.92	ppb
Potassium	39-2	482.25	509.16	420.86	470.76	9.61	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	-0.43	-0.63	-0.09	-0.38		ppb
Silicon	28-1	761.67	780.24	794.28	778.73	2.10	ppb
Silver	109-1	0.01	0.01	0.02	0.01	11.19	ppb
Silver	107-1	0.02	0.01	0.02	0.02	49.03	ppb
Sodium	23-2	10338.96	10374.94	10137.89	10283.93	1.24	ppb
Strontium	86-1	18.80	19.00	19.10	18.96	0.80	ppb
Strontium	88-1	18.78	19.78	18.97	19.18	2.78	ppb
Sulfur	34-1	-2132.66	-1418.23	-1529.54	-1693.48		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	3.43	3.61	3.43	3.49	2.99	ppb
Titanium	47-1	0.39	0.44	0.24	0.36	28.47	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	19.12	ppb
Vanadium	51-2	0.10	0.10	0.07	0.09	19.02	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	71.43	72.85	74.15	72.81	1.87	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.20	0.17	0.19	9.22	ppb
Zirconium	91-1	0.18	0.21	0.19	0.19	7.63	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.54	26.19	15.18	20.30	27.32	ppb
Antimony	121-1	0.21	0.21	0.23	0.21	5.01	ppb
Arsenic	75-2	0.14	0.09	0.10	0.11	24.44	ppb
Barium	135-1	14.71	14.72	15.24	14.89	2.06	ppb
Barium	137-1	14.84	14.60	15.00	14.81	1.36	ppb
Beryllium	9-1	0.05	0.09	0.09	0.07	29.46	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	10-1	11.67	11.95	10.69	11.44	5.77	ppb
Boron	11-1	11.17	11.02	11.65	11.28	2.94	ppb
Cadmium	111-1	-0.29	-0.21	-0.27	-0.26		ppb
Cadmium	106-1	-4.46	-3.15	-4.04	-3.88		ppb
Cadmium	108-1	0.37	0.22	0.38	0.32	27.80	ppb
Calcium	43-1	4978.42	4931.70	4961.75	4957.29	0.48	ppb
Calcium	44-1	5171.77	4979.08	5106.97	5085.94	1.93	ppb
Chromium	52-2	7.01	6.98	7.88	7.29	7.02	ppb
Cobalt	59-2	1.21	1.34	1.35	1.30	5.85	ppb
Copper	63-2	875.41	909.48	940.29	908.40	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	56-2	110.62	116.93	121.77	116.44	4.80	ppb
Iron	57-2	116.51	104.48	98.87	106.62	8.45	ppb
Krypton	83-1						cps
Lead	206-1	4.39	4.32	4.52	4.41	2.31	ppb
Lead	207-1	4.00	4.01	4.18	4.06	2.43	ppb
Lead	208-1	4.22	4.19	4.35	4.25	2.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	1090.84	1181.27	1162.55	1144.89	4.17	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.70	19.44	21.00	19.38	8.51	ppb
Molybdenum	94-1	0.34	0.34	0.32	0.33	4.19	ppb
Molybdenum	95-1	0.14	0.16	0.16	0.15	8.22	ppb
Molybdenum	96-1	0.19	0.19	0.17	0.19	6.92	ppb
Molybdenum	97-1	0.18	0.19	0.16	0.18	8.54	ppb
Molybdenum	98-1	0.15	0.14	0.15	0.14	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	591.77	614.33	636.34	614.15	3.63	ppb
Phosphorus	31-2	106.92	42.51	262.74	137.39	82.42	ppb
Potassium	39-2	482.53	492.02	470.72	481.76	2.21	ppb
Rhodium	103-1				113		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	12.28	-2.61	-2.61	2.35	365.18	ppb
Selenium	78-2	0.00	0.00	1.25	0.42	173.21	ppb
Selenium	82-1	-0.10	0.12	0.32	0.11	183.39	ppb
Silicon	28-1	807.55	777.11	816.66	800.44	2.59	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.32	ppb
Silver	107-1	0.01	0.01	0.02	0.01	7.99	ppb
Sodium	23-2	9696.49	10235.03	10446.18	10125.90	3.82	ppb
Strontium	86-1	18.78	19.06	18.75	18.86	0.90	ppb
Strontium	88-1	19.04	19.07	19.23	19.11	0.51	ppb
Sulfur	34-1	-1691.63	-1893.71	-1419.86	-1668.40		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.03	0.04	0.03	38.11	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	27.43	ppb
Tin	118-1	37.68	37.52	38.27	37.83	1.04	ppb
Titanium	47-1	0.19	0.09	0.14	0.14	34.75	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	43.18	ppb
Vanadium	51-2	0.05	0.03	0.06	0.05	28.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	1705.62	1783.59	1817.18	1768.80	3.24	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.14	0.14	0.14	1.80	ppb
Zirconium	91-1	0.18	0.18	0.12	0.16	23.42	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.78	3.25	7.04	8.02	66.51	ppb
Antimony	121-1	0.38	0.32	0.35	0.35	7.29	ppb
Arsenic	75-2	0.16	0.12	0.39	0.22	65.53	ppb
Barium	135-1	16.32	15.30	15.59	15.74	3.36	ppb
Barium	137-1	16.13	14.96	15.35	15.48	3.83	ppb
Beryllium	9-1	0.08	0.11	0.05	0.08	34.20	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	9.95	9.65	9.98	9.86	1.85	ppb
Boron	11-1	9.77	9.59	9.75	9.70	1.06	ppb
Cadmium	111-1	-0.25	-0.15	-0.04	-0.15		ppb
Cadmium	106-1	-3.35	-2.79	-1.13	-2.43		ppb
Cadmium	108-1	2.06	1.42	1.35	1.61	24.28	ppb
Calcium	43-1	5444.04	5026.58	5131.59	5200.74	4.18	ppb
Calcium	44-1	5576.39	5144.60	5248.71	5323.23	4.23	ppb
Chromium	52-2	-0.06	-0.01	-0.03	-0.03		ppb
Cobalt	59-2	0.43	0.46	0.51	0.47	8.84	ppb
Copper	63-2	831.20	899.45	880.54	870.40	4.05	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				116		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	26.93	35.05	31.25	31.08	13.07	ppb
Iron	57-2	25.30	29.13	26.62	27.02	7.20	ppb
Krypton	83-1						cps
Lead	206-1	5.76	5.26	5.39	5.47	4.69	ppb
Lead	207-1	5.38	4.93	4.93	5.08	5.12	ppb
Lead	208-1	5.64	5.10	5.19	5.31	5.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	1148.97	1213.76	1259.65	1207.46	4.61	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.96	16.72	16.78	16.49	2.76	ppb
Molybdenum	94-1	0.36	0.27	0.26	0.30	18.55	ppb
Molybdenum	95-1	0.10	0.11	0.11	0.10	7.29	ppb
Molybdenum	96-1	0.12	0.14	0.17	0.14	17.00	ppb
Molybdenum	97-1	0.09	0.08	0.12	0.10	18.74	ppb
Molybdenum	98-1	0.14	0.11	0.12	0.13	9.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.54	564.39	556.12	549.69	3.42	ppb
Phosphorus	31-2	203.95	185.63	430.17	273.25	49.85	ppb
Potassium	39-2	469.76	541.53	497.52	502.94	7.20	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	-2.61	5.02	-2.61	-0.07		ppb
Selenium	78-2	2.26	0.00	0.00	0.75	173.21	ppb
Selenium	82-1	0.40	0.27	-0.21	0.15	209.04	ppb
Silicon	28-1	887.25	814.52	862.39	854.72	4.32	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.15	ppb
Silver	107-1	0.08	0.06	0.06	0.07	18.41	ppb
Sodium	23-2	9715.78	10301.49	10232.41	10083.23	3.17	ppb
Strontium	86-1	20.73	18.73	20.06	19.84	5.14	ppb
Strontium	88-1	21.08	19.35	20.05	20.16	4.29	ppb
Sulfur	34-1	-972.76	-2127.37	-1800.60	-1633.58		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.18	0.16	0.15	0.16	8.04	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	5.54	ppb
Tin	118-1	514.36	473.89	468.80	485.68	5.14	ppb
Titanium	47-1	0.23	0.16	0.09	0.16	42.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	12.62	ppb
Vanadium	51-2	0.04	0.02	0.02	0.02	50.27	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	6263.39	6749.16	6643.73	6552.09	3.90	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.11	0.11	0.12	9.75	ppb
Zirconium	91-1	0.10	0.18	0.18	0.15	32.22	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.12	10.58	20.77	15.16	34.14	ppb
Antimony	121-1	0.20	0.18	0.14	0.17	19.78	ppb
Arsenic	75-2	0.20	0.37	0.36	0.31	31.70	ppb
Barium	135-1	16.19	14.10	14.46	14.92	7.51	ppb
Barium	137-1	16.11	14.57	14.56	15.08	5.92	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	11.77	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	9.20	8.60	7.16	8.32	12.56	ppb
Boron	11-1	8.96	8.43	9.13	8.84	4.15	ppb
Cadmium	111-1	-0.16	-0.30	-0.25	-0.24		ppb
Cadmium	106-1	-2.40	-4.41	-3.44	-3.42		ppb
Cadmium	108-1	0.06	0.10	0.13	0.10	38.89	ppb
Calcium	43-1	5445.73	4877.16	4841.20	5054.70	6.71	ppb
Calcium	44-1	5682.80	4924.68	4919.62	5175.70	8.49	ppb
Chromium	52-2	2.90	2.72	2.75	2.79	3.44	ppb
Cobalt	59-2	0.04	0.05	0.11	0.07	53.51	ppb
Copper	63-2	409.36	415.36	430.84	418.52	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	30.30	30.21	31.95	30.82	3.18	ppb
Iron	57-2	26.52	23.19	30.40	26.70	13.51	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.39	0.42	0.43	11.63	ppb
Lead	207-1	0.44	0.37	0.40	0.40	8.55	ppb
Lead	208-1	0.46	0.39	0.40	0.42	10.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	1069.69	1103.91	1131.82	1101.81	2.82	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.10	9.85	11.48	10.81	7.89	ppb
Molybdenum	94-1	0.30	0.89	0.26	0.48	72.37	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	7.70	ppb
Molybdenum	96-1	0.17	0.10	0.09	0.12	34.56	ppb
Molybdenum	97-1	0.12	0.10	0.11	0.11	11.83	ppb
Molybdenum	98-1	0.13	0.14	0.11	0.12	12.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.28	109.10	113.81	110.40	2.70	ppb
Phosphorus	31-2	141.60	384.10	222.46	249.39	49.51	ppb
Potassium	39-2	448.14	476.36	469.02	464.51	3.15	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	-2.61	5.04	12.54	4.99	151.83	ppb
Selenium	78-2	1.17	0.00	1.19	0.79	86.61	ppb
Selenium	82-1	-0.45	-0.30	-0.11	-0.29		ppb
Silicon	28-1	904.54	813.62	787.51	835.22	7.36	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.24	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.09	ppb
Sodium	23-2	9635.71	9749.52	10159.29	9848.18	2.80	ppb
Strontium	86-1	20.51	18.12	18.18	18.94	7.20	ppb
Strontium	88-1	20.54	18.45	18.60	19.20	6.07	ppb
Sulfur	34-1	-25.29	-1538.69	-1538.06	-1034.01		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.02	0.00	0.01	170.25	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	9.90	9.06	8.82	9.26	6.13	ppb
Titanium	47-1	0.20	0.99	0.24	0.48	93.81	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	29.53	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	49.74	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	426.35	426.23	438.81	430.46	1.68	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.09	0.10	0.10	17.02	ppb
Zirconium	91-1	0.16	0.16	0.09	0.14	28.74	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.09	39.74	48.58	40.14	20.56	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	5.57	ppb
Arsenic	75-2	0.17	0.23	0.12	0.17	31.46	ppb
Barium	135-1	14.97	14.91	14.75	14.88	0.77	ppb
Barium	137-1	15.02	15.36	15.09	15.16	1.20	ppb
Beryllium	9-1	0.06	0.00	0.03	0.03	91.15	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	10-1	9.38	10.75	9.06	9.73	9.26	ppb
Boron	11-1	8.58	8.74	8.77	8.70	1.18	ppb
Cadmium	111-1	-0.08	-0.14	-0.26	-0.16		ppb
Cadmium	106-1	-2.99	-3.49	-4.85	-3.78		ppb
Cadmium	108-1	0.32	0.25	0.26	0.28	13.08	ppb
Calcium	43-1	4820.84	4966.81	4872.26	4886.64	1.52	ppb
Calcium	44-1	5023.65	5090.66	5039.64	5051.32	0.69	ppb
Chromium	52-2	-0.13	0.11	0.02	0.00	9237.21	ppb
Cobalt	59-2	0.08	0.10	0.11	0.10	18.57	ppb
Copper	63-2	541.16	575.88	611.27	576.10	6.09	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				116		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	31.06	30.27	32.94	31.42	4.35	ppb
Iron	57-2	17.83	37.65	28.18	27.89	35.55	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.92	1.00	0.92	8.62	ppb
Lead	207-1	0.88	0.85	0.91	0.88	3.54	ppb
Lead	208-1	0.88	0.90	0.91	0.90	1.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	1036.99	1149.27	1239.26	1141.84	8.88	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.76	12.50	14.62	13.29	8.72	ppb
Molybdenum	94-1	0.21	0.19	0.17	0.19	11.53	ppb
Molybdenum	95-1	0.06	0.06	0.07	0.07	5.77	ppb
Molybdenum	96-1	0.06	0.10	0.12	0.09	28.26	ppb
Molybdenum	97-1	0.07	0.07	0.08	0.07	11.13	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	14.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.86	32.93	34.08	32.62	5.00	ppb
Phosphorus	31-2	272.95	431.73	462.43	389.04	26.14	ppb
Potassium	39-2	442.72	495.79	508.69	482.40	7.25	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	-2.61	5.13	-2.61	-0.03		ppb
Selenium	78-2	0.00	2.43	0.00	0.81	173.21	ppb
Selenium	82-1	0.47	0.20	0.06	0.25	85.48	ppb
Silicon	28-1	772.01	794.71	783.15	783.29	1.45	ppb
Silver	109-1	0.02	0.02	0.00	0.01	57.72	ppb
Silver	107-1	0.02	0.01	0.01	0.01	18.91	ppb
Sodium	23-2	9515.63	10061.87	10768.26	10115.26	6.21	ppb
Strontium	86-1	18.24	18.65	18.77	18.55	1.50	ppb
Strontium	88-1	18.60	19.11	18.77	18.83	1.40	ppb
Sulfur	34-1	-1586.22	-1255.96	-1335.32	-1392.50		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	79.75	76.98	78.18	78.30	1.77	ppb
Titanium	47-1	0.25	0.40	0.29	0.31	24.45	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	17.39	ppb
Vanadium	51-2	0.07	0.06	0.06	0.06	15.13	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	821.06	871.62	939.85	877.51	6.79	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.07	0.08	0.08	19.11	ppb
Zirconium	91-1	0.10	0.09	0.10	0.10	7.75	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.66	24.61	13.14	15.47	53.16	ppb
Antimony	121-1	0.19	0.19	0.17	0.18	7.10	ppb
Arsenic	75-2	0.14	0.12	0.13	0.13	9.03	ppb
Barium	135-1	16.49	16.32	16.21	16.34	0.85	ppb
Barium	137-1	17.02	16.84	16.56	16.81	1.39	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	17.09	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	10-1	8.85	9.67	8.65	9.06	6.01	ppb
Boron	11-1	8.18	8.40	8.05	8.21	2.13	ppb
Cadmium	111-1	-0.34	-0.30	-0.20	-0.28		ppb
Cadmium	106-1	-4.83	-4.36	-2.77	-3.99		ppb
Cadmium	108-1	0.11	0.17	0.16	0.15	23.35	ppb
Calcium	43-1	5186.56	5387.99	5118.25	5230.94	2.68	ppb
Calcium	44-1	5366.24	5354.99	5170.08	5297.10	2.08	ppb
Chromium	52-2	0.69	0.89	0.96	0.84	16.42	ppb
Cobalt	59-2	0.18	0.24	0.22	0.22	13.06	ppb
Copper	63-2	1664.42	1732.42	1740.82	1712.55	2.45	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				116		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	56-2	19.08	20.31	21.07	20.15	5.00	ppb
Iron	57-2	14.08	19.30	21.27	18.22	20.39	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.44	0.40	0.41	6.29	ppb
Lead	207-1	0.38	0.43	0.35	0.39	9.89	ppb
Lead	208-1	0.41	0.43	0.38	0.41	5.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	1106.02	1139.53	1214.25	1153.27	4.80	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.99	18.80	20.28	18.69	8.83	ppb
Molybdenum	94-1	0.22	0.17	0.19	0.19	13.41	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	15.02	ppb
Molybdenum	96-1	0.11	0.10	0.07	0.09	23.25	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	4.96	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	748.57	783.83	788.85	773.75	2.84	ppb
Phosphorus	31-2	40.38	7.71	225.17	91.09	128.74	ppb
Potassium	39-2	487.05	481.43	545.11	504.53	6.99	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	1.25	0.42	173.21	ppb
Selenium	82-1	0.26	0.17	-0.42	0.00	11844.27	ppb
Silicon	28-1	822.43	841.23	791.75	818.47	3.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.34	ppb
Silver	107-1	0.02	0.01	0.02	0.02	30.63	ppb
Sodium	23-2	9762.48	10332.39	10448.28	10181.05	3.61	ppb
Strontium	86-1	20.14	19.54	19.26	19.65	2.30	ppb
Strontium	88-1	20.02	19.96	19.24	19.74	2.20	ppb
Sulfur	34-1	-1448.89	-1018.70	-1551.45	-1339.68		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	15.47	17.12	15.07	15.89	6.83	ppb
Titanium	47-1	0.19	0.11	0.18	0.16	27.26	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	35.28	ppb
Vanadium	51-2	0.02	0.03	0.05	0.03	52.53	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	827.20	873.95	891.14	864.10	3.83	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.08	0.07	16.54	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	12.69	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48320.11	49387.76	48673.17	48793.68	1.11	ppb
Antimony	121-1	495.46	491.55	493.16	493.39	0.40	ppb
Arsenic	75-2	503.62	500.70	502.17	502.16	0.29	ppb
Barium	135-1	2513.02	2460.57	2500.44	2491.35	1.10	ppb
Barium	137-1	2506.00	2466.58	2478.97	2483.85	0.81	ppb
Beryllium	9-1	505.80	502.90	505.04	504.58	0.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	494.11	496.44	514.72	501.76	2.25	ppb
Boron	11-1	487.67	497.77	508.79	498.08	2.12	ppb
Cadmium	111-1	480.52	475.61	478.87	478.33	0.52	ppb
Cadmium	106-1	479.91	474.64	484.84	479.80	1.06	ppb
Cadmium	108-1	494.24	469.00	480.64	481.29	2.62	ppb
Calcium	43-1	230048.83	231542.69	230260.20	230617.24	0.35	ppb
Calcium	44-1	229941.14	229625.60	230191.77	229919.50	0.12	ppb
Chromium	52-2	530.43	528.87	528.69	529.33	0.18	ppb
Cobalt	59-2	513.86	512.98	507.72	511.52	0.65	ppb
Copper	63-2	1002.00	994.67	990.60	995.76	0.58	ppb
Dysprosium	156-1						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				101		%
Indium	115-2				94		%
Iron	56-2	127144.09	125820.31	124656.88	125873.76	0.99	ppb
Iron	57-2	122649.78	123275.28	122394.74	122773.27	0.37	ppb
Krypton	83-1						cps
Lead	206-1	507.73	511.82	515.97	511.84	0.80	ppb
Lead	207-1	514.64	516.16	515.10	515.30	0.15	ppb
Lead	208-1	511.64	513.28	511.87	512.26	0.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	249619.42	248992.70	246045.93	248219.35	0.77	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.19	1022.85	1014.73	1017.92	0.43	ppb
Molybdenum	94-1	2548.11	2523.02	2502.68	2524.61	0.90	ppb
Molybdenum	95-1	2520.86	2512.45	2517.41	2516.90	0.17	ppb
Molybdenum	96-1	2550.12	2496.61	2501.72	2516.15	1.17	ppb
Molybdenum	97-1	2550.15	2518.00	2515.51	2527.89	0.76	ppb
Molybdenum	98-1	2520.61	2505.42	2479.35	2501.79	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.67	511.40	518.77	515.28	0.72	ppb
Phosphorus	31-2	11128.01	10070.21	11392.42	10863.55	6.44	ppb
Potassium	39-2	117650.47	118766.04	118119.42	118178.65	0.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	456.42	551.50	503.39	503.77	9.44	ppb
Selenium	78-2	503.26	498.39	499.03	500.23	0.53	ppb
Selenium	82-1	484.49	482.91	482.98	483.46	0.18	ppb
Silicon	28-1	496.18	498.69	504.84	499.90	0.89	ppb
Silver	109-1	485.60	481.84	483.08	483.51	0.40	ppb
Silver	107-1	489.65	478.04	485.20	484.30	1.21	ppb
Sodium	23-2	248739.99	250528.96	247372.69	248880.54	0.64	ppb
Strontium	86-1	499.17	495.10	495.87	496.71	0.44	ppb
Strontium	88-1	507.20	501.07	497.36	501.88	0.99	ppb
Sulfur	34-1	8951.64	8923.20	8955.32	8943.39	0.20	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	508.91	517.16	512.73	512.93	0.80	ppb
Thallium	205-1	506.46	513.06	510.74	510.09	0.66	ppb
Tin	118-1	508.17	495.51	499.38	501.02	1.29	ppb
Titanium	47-1	2535.73	2536.99	2499.42	2524.05	0.85	ppb
Uranium	238-1	511.82	514.58	509.33	511.91	0.51	ppb
Vanadium	51-2	520.70	515.54	510.56	515.60	0.98	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1009.27	997.29	996.35	1000.97	0.72	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.54	501.44	503.50	503.83	0.51	ppb
Zirconium	91-1	499.19	500.64	492.35	497.39	0.89	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	3.07	3.08	2.47	42.14	ppb
Antimony	121-1	1.31	1.18	1.15	1.21	7.03	ppb
Arsenic	75-2	0.06	0.12	0.04	0.07	57.51	ppb
Barium	135-1	0.08	0.06	0.09	0.08	15.46	ppb
Barium	137-1	0.06	0.02	0.07	0.05	56.58	ppb
Beryllium	9-1	0.22	0.24	0.21	0.22	7.21	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	20.08	19.26	18.44	19.26	4.25	ppb
Boron	11-1	18.72	17.49	16.86	17.69	5.33	ppb
Cadmium	111-1	-0.22	-0.18	-0.25	-0.21		ppb
Cadmium	106-1	-3.29	-3.07	-3.86	-3.41		ppb
Cadmium	108-1	-0.01	-0.04	0.15	0.04	293.03	ppb
Calcium	43-1	7.53	2.26	1.24	3.67	91.90	ppb
Calcium	44-1	1.60	-1.73	0.69	0.19	919.26	ppb
Chromium	52-2	-0.05	-0.09	-0.09	-0.07		ppb
Cobalt	59-2	0.01	0.01	-0.02	0.00		ppb
Copper	63-2	0.10	0.01	0.04	0.05	92.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	4.01	3.63	3.44	3.69	7.90	ppb
Iron	57-2	2.05	0.32	1.92	1.43	67.13	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	42.78	ppb
Lead	207-1	0.05	0.02	0.05	0.04	37.95	ppb
Lead	208-1	0.03	0.02	0.03	0.03	14.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	10.68	6.54	6.22	7.81	31.86	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.06	0.05	-0.01		ppb
Molybdenum	94-1	1.14	0.92	0.96	1.01	11.19	ppb
Molybdenum	95-1	1.21	0.99	1.05	1.08	10.84	ppb
Molybdenum	96-1	1.21	1.10	1.07	1.13	6.88	ppb
Molybdenum	97-1	1.19	1.02	1.07	1.09	7.86	ppb
Molybdenum	98-1	1.24	1.03	1.06	1.11	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.14	0.03	0.07	91.42	ppb
Phosphorus	31-2	6.82	-27.99	6.07	-5.03		ppb
Potassium	39-2	19.94	29.89	2.54	17.46	79.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	5.01	-2.61	12.56	4.99	152.09	ppb
Selenium	78-2	0.00	0.00	3.57	1.19	173.21	ppb
Selenium	82-1	0.57	0.64	0.26	0.49	41.13	ppb
Silicon	28-1	-13.64	-13.07	-12.63	-13.11		ppb
Silver	109-1	0.04	0.04	0.03	0.04	16.66	ppb
Silver	107-1	0.05	0.04	0.03	0.04	30.55	ppb
Sodium	23-2	63.90	51.51	59.73	58.38	10.80	ppb
Strontium	86-1	0.01	-0.02	0.02	0.01	489.38	ppb
Strontium	88-1	0.01	0.02	0.02	0.02	24.87	ppb
Sulfur	34-1	-1632.54	-1747.14	-1675.04	-1684.91		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.10	0.08	0.10	21.09	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	7.35	ppb
Tin	118-1	0.50	0.50	0.46	0.49	5.36	ppb
Titanium	47-1	0.17	0.21	0.10	0.16	35.75	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	30.14	ppb
Vanadium	51-2	0.03	0.03	0.00	0.02	86.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	0.32	0.22	0.19	81.45	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.14	0.14	3.05	ppb
Zirconium	91-1	0.14	0.09	0.16	0.13	28.70	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.93	4.72	13.65	10.77	48.66	ppb
Antimony	121-1	0.68	0.66	0.67	0.67	0.93	ppb
Arsenic	75-2	0.22	0.29	0.22	0.24	17.78	ppb
Barium	135-1	17.07	17.01	16.88	16.99	0.58	ppb
Barium	137-1	17.30	17.35	17.42	17.36	0.35	ppb
Beryllium	9-1	0.13	0.10	0.07	0.10	33.20	ppb
Bismuth	209-1				117		%
Bismuth	209-2				112		%
Boron	10-1	45.76	48.37	44.76	46.30	4.03	ppb
Boron	11-1	43.73	46.77	47.41	45.97	4.28	ppb
Cadmium	111-1	-0.26	-0.29	-0.21	-0.25		ppb
Cadmium	106-1	-3.62	-4.21	-3.37	-3.73		ppb
Cadmium	108-1	0.39	0.31	0.37	0.36	11.62	ppb
Calcium	43-1	5096.33	5220.35	5149.55	5155.41	1.21	ppb
Calcium	44-1	5274.24	5362.48	5379.57	5338.76	1.06	ppb
Chromium	52-2	-0.13	-0.09	-0.10	-0.10		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	30.68	ppb
Copper	63-2	4121.04	3969.30	4003.17	4031.17	1.98	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				117		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				106		%
Iron	56-2	13.99	13.70	13.48	13.72	1.85	ppb
Iron	57-2	12.68	9.80	10.83	11.10	13.15	ppb
Krypton	83-1						cps
Lead	206-1	7.57	7.79	7.56	7.64	1.65	ppb
Lead	207-1	7.14	7.17	7.12	7.15	0.35	ppb
Lead	208-1	7.35	7.49	7.37	7.40	1.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	1162.18	1120.07	1126.16	1136.14	2.00	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.61	7.37	8.31	7.76	6.31	ppb
Molybdenum	94-1	1.73	1.49	1.41	1.54	10.83	ppb
Molybdenum	95-1	0.33	0.32	0.30	0.31	4.93	ppb
Molybdenum	96-1	0.51	0.48	0.44	0.48	7.82	ppb
Molybdenum	97-1	0.34	0.30	0.39	0.34	13.92	ppb
Molybdenum	98-1	0.33	0.35	0.34	0.34	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.02	509.99	508.72	511.25	0.65	ppb
Phosphorus	31-2	172.87	103.06	70.46	115.46	45.31	ppb
Potassium	39-2	566.64	553.55	562.71	560.97	1.20	ppb
Rhodium	103-1				114		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	-0.25	0.47	-0.57	-0.12		ppb
Silicon	28-1	830.42	853.23	861.95	848.53	1.92	ppb
Silver	109-1	0.02	0.33	0.03	0.12	143.85	ppb
Silver	107-1	0.03	0.02	0.03	0.02	22.40	ppb
Sodium	23-2	10206.84	9961.48	10009.89	10059.40	1.29	ppb
Strontium	86-1	19.84	20.02	20.00	19.96	0.49	ppb
Strontium	88-1	20.22	20.19	20.15	20.19	0.18	ppb
Sulfur	34-1	-1817.64	-1425.27	-1401.15	-1548.02		ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.03	0.04	0.03	19.35	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.03	ppb
Tin	118-1	31.86	32.79	31.71	32.12	1.83	ppb
Titanium	47-1	0.18	0.16	0.17	0.17	7.50	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	40.94	ppb
Vanadium	51-2	0.02	0.06	0.01	0.03	90.63	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	1231.17	1190.59	1188.60	1203.45	2.00	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	0.89	0.69	0.86	17.84	ppb
Zirconium	91-1	0.93	0.90	0.65	0.83	18.49	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.07	4.86	13.93	10.62	47.16	ppb
Antimony	121-1	0.56	0.59	0.61	0.59	3.83	ppb
Arsenic	75-2	0.40	0.25	0.17	0.27	43.86	ppb
Barium	135-1	16.20	16.34	16.95	16.50	2.41	ppb
Barium	137-1	16.39	16.70	16.62	16.57	0.98	ppb
Beryllium	9-1	0.09	0.10	0.09	0.10	3.52	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Boron	10-1	59.85	63.29	63.18	62.11	3.15	ppb
Boron	11-1	59.12	64.81	64.16	62.70	4.97	ppb
Cadmium	111-1	-0.24	-0.21	-0.19	-0.21		ppb
Cadmium	106-1	-3.46	-2.95	-2.76	-3.06		ppb
Cadmium	108-1	0.24	0.34	0.38	0.32	21.43	ppb
Calcium	43-1	4906.76	5054.54	5200.49	5053.93	2.91	ppb
Calcium	44-1	5094.70	5227.12	5292.38	5204.74	1.94	ppb
Chromium	52-2	0.00	-0.10	-0.06	-0.05		ppb
Cobalt	59-2	0.00	0.03	0.01	0.02	81.50	ppb
Copper	63-2	4383.59	4012.79	4000.37	4132.25	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				116		%
Indium	115-2				102		%
Iron	56-2	19.79	15.06	13.94	16.26	19.08	ppb
Iron	57-2	9.48	13.27	13.19	11.98	18.08	ppb
Krypton	83-1						cps
Lead	206-1	9.57	9.77	10.08	9.81	2.58	ppb
Lead	207-1	8.88	9.37	9.45	9.23	3.29	ppb
Lead	208-1	9.26	9.56	9.76	9.53	2.64	ppb
Lithium	6-1				107		%
Magnesium	24-2	1287.36	1167.74	1153.17	1202.76	6.12	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.61	7.42	7.95	7.66	3.53	ppb
Molybdenum	94-1	0.82	0.72	0.70	0.74	9.19	ppb
Molybdenum	95-1	0.17	0.17	0.20	0.18	10.09	ppb
Molybdenum	96-1	0.23	0.22	0.23	0.23	3.09	ppb
Molybdenum	97-1	0.17	0.17	0.19	0.18	5.44	ppb
Molybdenum	98-1	0.17	0.18	0.19	0.18	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	615.57	568.37	564.45	582.80	4.88	ppb
Phosphorus	31-2	44.03	72.86	38.97	51.95	35.19	ppb
Potassium	39-2	709.09	640.11	633.72	660.97	6.32	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				99		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	1.21	0.00	1.15	0.79	86.69	ppb
Selenium	82-1	0.24	0.18	-0.25	0.06	467.38	ppb
Silicon	28-1	866.43	879.02	917.00	887.48	2.97	ppb
Silver	109-1	0.01	0.02	0.02	0.02	25.54	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.92	ppb
Sodium	23-2	10929.63	9984.75	10008.42	10307.60	5.23	ppb
Strontium	86-1	18.90	19.46	19.97	19.44	2.76	ppb
Strontium	88-1	19.45	20.11	20.26	19.94	2.14	ppb
Sulfur	34-1	-2059.21	-1773.81	-1447.43	-1760.15		ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.03	0.02	57.77	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	44.24	ppb
Tin	118-1	51.43	52.74	53.70	52.62	2.16	ppb
Titanium	47-1	0.11	0.17	0.56	0.28	88.06	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	43.87	ppb
Vanadium	51-2	0.01	0.01	0.04	0.02	73.34	ppb
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	1472.02	1343.56	1323.09	1379.56	5.85	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.44	0.34	0.35	0.37	15.09	ppb
Zirconium	91-1	0.43	0.38	0.30	0.37	17.79	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.94	15.71	4.83	12.16	52.19	ppb
Antimony	121-1	0.12	0.13	0.11	0.12	8.67	ppb
Arsenic	75-2	0.19	0.22	0.30	0.24	23.39	ppb
Barium	135-1	14.29	15.93	15.09	15.10	5.42	ppb
Barium	137-1	14.09	15.78	15.24	15.04	5.76	ppb
Beryllium	9-1	0.06	0.09	0.09	0.08	20.43	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	10.90	12.30	10.90	11.37	7.13	ppb
Boron	11-1	10.43	10.53	11.03	10.66	3.02	ppb
Cadmium	111-1	-0.27	-0.25	-0.35	-0.29		ppb
Cadmium	106-1	-3.97	-3.52	-4.94	-4.14		ppb
Cadmium	108-1	0.04	-0.01	-0.01	0.01	552.18	ppb
Calcium	43-1	4696.49	5249.33	5087.42	5011.08	5.67	ppb
Calcium	44-1	4765.80	5377.89	5147.81	5097.17	6.07	ppb
Chromium	52-2	0.71	0.88	0.70	0.77	13.51	ppb
Cobalt	59-2	0.02	-0.02	0.05	0.02	177.55	ppb
Copper	63-2	296.46	294.78	293.76	295.00	0.46	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				116		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	38.89	32.34	32.72	34.65	10.61	ppb
Iron	57-2	34.84	25.02	30.25	30.04	16.36	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.18	0.21	0.18	21.07	ppb
Lead	207-1	0.16	0.16	0.18	0.17	7.48	ppb
Lead	208-1	0.15	0.18	0.19	0.17	11.79	ppb
Lithium	6-1				106		%
Magnesium	24-2	1126.28	1110.70	1120.33	1119.10	0.70	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.32	13.83	14.02	14.39	5.62	ppb
Molybdenum	94-1	0.44	0.41	0.33	0.40	14.30	ppb
Molybdenum	95-1	0.12	0.10	0.10	0.11	11.72	ppb
Molybdenum	96-1	0.16	0.16	0.14	0.15	5.71	ppb
Molybdenum	97-1	0.11	0.18	0.14	0.14	24.91	ppb
Molybdenum	98-1	0.09	0.16	0.13	0.13	26.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.96	2.16	2.01	6.61	ppb
Phosphorus	31-2	852.48	706.75	540.93	700.05	22.27	ppb
Potassium	39-2	522.02	482.21	458.12	487.45	6.62	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	1.15	0.00	1.16	0.77	86.60	ppb
Selenium	82-1	0.55	0.42	0.99	0.65	45.89	ppb
Silicon	28-1	708.90	817.50	778.46	768.29	7.16	ppb
Silver	109-1	0.01	0.00	0.01	0.01	85.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	34.29	ppb
Sodium	23-2	10125.69	9956.22	9872.42	9984.77	1.29	ppb
Strontium	86-1	17.69	19.16	18.98	18.61	4.30	ppb
Strontium	88-1	17.97	19.47	18.54	18.66	4.07	ppb
Sulfur	34-1	-2363.42	-683.86	-1363.10	-1470.13		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.01	-0.01	0.00	710.05	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.17	1.27	1.17	1.20	5.12	ppb
Titanium	47-1	0.29	0.42	0.53	0.41	29.63	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	14.52	ppb
Vanadium	51-2	0.08	0.13	0.04	0.08	57.19	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	70.00	68.01	66.86	68.29	2.33	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.18	0.18	0.18	6.38	ppb
Zirconium	91-1	0.27	0.22	0.20	0.23	15.46	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.06	25.12	12.54	20.57	33.90	ppb
Antimony	121-1	0.38	0.40	0.40	0.39	2.79	ppb
Arsenic	75-2	0.32	0.14	0.22	0.23	38.90	ppb
Barium	135-1	15.51	16.00	16.00	15.84	1.78	ppb
Barium	137-1	15.56	15.85	16.09	15.84	1.67	ppb
Beryllium	9-1	0.06	0.06	0.08	0.07	11.53	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	10-1	51.11	54.26	50.67	52.01	3.76	ppb
Boron	11-1	49.35	52.72	50.44	50.84	3.39	ppb
Cadmium	111-1	-0.20	-0.27	-0.32	-0.27		ppb
Cadmium	106-1	-3.10	-3.84	-4.56	-3.83		ppb
Cadmium	108-1	0.04	0.23	0.05	0.11	98.08	ppb
Calcium	43-1	4883.94	5083.08	5075.28	5014.10	2.25	ppb
Calcium	44-1	5046.71	5347.97	5263.26	5219.31	2.98	ppb
Chromium	52-2	-0.08	-0.03	0.01	-0.03		ppb
Cobalt	59-2	0.03	0.04	0.05	0.04	24.83	ppb
Copper	63-2	785.78	817.61	836.69	813.36	3.16	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				116		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	24.37	25.19	25.63	25.06	2.56	ppb
Iron	57-2	23.19	31.15	26.60	26.98	14.80	ppb
Krypton	83-1						cps
Lead	206-1	6.92	7.17	7.30	7.13	2.70	ppb
Lead	207-1	6.45	6.63	6.80	6.63	2.67	ppb
Lead	208-1	6.61	6.94	7.06	6.87	3.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	1143.56	1115.99	1145.06	1134.87	1.44	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.41	11.76	11.20	11.12	6.13	ppb
Molybdenum	94-1	0.37	0.37	0.35	0.36	3.68	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	2.11	ppb
Molybdenum	96-1	0.11	0.13	0.09	0.11	17.46	ppb
Molybdenum	97-1	0.10	0.13	0.11	0.12	13.80	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.10	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.94	37.60	38.44	37.66	2.00	ppb
Phosphorus	31-2	166.62	208.86	525.71	300.40	65.34	ppb
Potassium	39-2	610.86	627.07	647.94	628.62	2.96	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	2.27	0.00	1.17	1.14	98.97	ppb
Selenium	82-1	-0.26	0.23	0.30	0.09	333.96	ppb
Silicon	28-1	782.59	819.61	813.12	805.10	2.46	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.65	ppb
Silver	107-1	0.02	0.01	0.02	0.01	39.75	ppb
Sodium	23-2	9617.54	10087.92	10150.61	9952.02	2.93	ppb
Strontium	86-1	18.71	19.39	19.47	19.19	2.17	ppb
Strontium	88-1	19.28	19.79	19.56	19.55	1.30	ppb
Sulfur	34-1	-1609.46	-1031.20	-1381.14	-1340.60		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	155.73	ppb
Tin	118-1	56.94	59.56	59.94	58.81	2.77	ppb
Titanium	47-1	0.24	0.89	0.43	0.52	64.03	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	39.18	ppb
Vanadium	51-2	0.04	0.08	0.05	0.06	34.52	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	543.09	573.90	576.99	564.66	3.32	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.17	0.21	0.19	13.65	ppb
Zirconium	91-1	0.13	0.15	0.23	0.17	30.83	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.83	18.07	21.48	17.13	28.56	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	0.87	ppb
Arsenic	75-2	0.11	0.31	0.30	0.24	46.18	ppb
Barium	135-1	15.78	15.51	14.73	15.34	3.53	ppb
Barium	137-1	15.05	15.58	14.73	15.12	2.82	ppb
Beryllium	9-1	0.08	0.06	0.08	0.07	16.20	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	10-1	22.72	21.94	22.11	22.26	1.84	ppb
Boron	11-1	21.19	20.84	21.79	21.27	2.27	ppb
Cadmium	111-1	-0.25	-0.22	-0.26	-0.24		ppb
Cadmium	106-1	-3.71	-3.18	-3.74	-3.54		ppb
Cadmium	108-1	0.08	0.05	0.08	0.07	25.51	ppb
Calcium	43-1	4892.36	4965.51	5055.77	4971.21	1.65	ppb
Calcium	44-1	5098.02	5061.74	5120.56	5093.44	0.58	ppb
Chromium	52-2	-0.05	-0.06	-0.01	-0.04		ppb
Cobalt	59-2	0.02	0.01	0.05	0.03	75.63	ppb
Copper	63-2	575.30	674.22	591.93	613.82	8.63	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				116		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	56-2	29.28	31.77	29.11	30.05	4.95	ppb
Iron	57-2	23.43	36.28	35.91	31.87	22.94	ppb
Krypton	83-1						cps
Lead	206-1	2.05	2.15	2.14	2.11	2.61	ppb
Lead	207-1	2.06	1.89	1.98	1.97	4.21	ppb
Lead	208-1	2.04	2.02	2.07	2.05	1.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	1084.10	1262.65	1105.00	1150.58	8.48	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.41	13.89	12.74	12.68	9.78	ppb
Molybdenum	94-1	0.17	0.23	0.28	0.23	24.47	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	9.47	ppb
Molybdenum	96-1	0.13	0.10	0.08	0.10	23.47	ppb
Molybdenum	97-1	0.05	0.08	0.09	0.07	24.61	ppb
Molybdenum	98-1	0.07	0.09	0.06	0.07	21.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	173.33	207.14	180.54	187.00	9.52	ppb
Phosphorus	31-2	528.43	507.05	548.03	527.84	3.88	ppb
Potassium	39-2	471.75	588.92	480.81	513.83	12.69	ppb
Rhodium	103-1				113		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	1.18	0.39	173.21	ppb
Selenium	82-1	0.09	-0.46	0.08	-0.10		ppb
Silicon	28-1	799.86	811.70	806.26	805.94	0.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.76	ppb
Silver	107-1	0.01	0.02	0.01	0.01	58.42	ppb
Sodium	23-2	9562.24	11296.16	9890.30	10249.56	8.99	ppb
Strontium	86-1	18.89	18.53	18.01	18.48	2.38	ppb
Strontium	88-1	19.16	18.97	18.92	19.02	0.64	ppb
Sulfur	34-1	-1413.50	-1392.51	-1323.50	-1376.50		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.41	5.41	5.53	5.45	1.27	ppb
Titanium	47-1	0.30	0.45	0.17	0.31	45.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.61	ppb
Vanadium	51-2	0.04	0.14	0.05	0.08	72.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	453.82	528.27	461.53	481.21	8.51	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.14	0.12	0.14	12.02	ppb
Zirconium	91-1	0.16	0.11	0.10	0.12	24.16	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.87	20.29	28.42	27.20	23.45	ppb
Antimony	121-1	0.15	0.14	0.14	0.14	5.29	ppb
Arsenic	75-2	0.12	0.22	0.12	0.15	41.02	ppb
Barium	135-1	15.75	14.96	16.14	15.62	3.84	ppb
Barium	137-1	15.80	15.08	16.00	15.63	3.12	ppb
Beryllium	9-1	0.08	0.07	0.08	0.08	5.70	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	8.36	10.47	10.16	9.66	11.76	ppb
Boron	11-1	8.55	9.46	9.62	9.21	6.29	ppb
Cadmium	111-1	-0.19	-0.21	-0.27	-0.22		ppb
Cadmium	106-1	-2.77	-3.10	-3.81	-3.23		ppb
Cadmium	108-1	0.14	0.20	0.18	0.17	17.53	ppb
Calcium	43-1	5324.08	5228.20	5352.27	5301.51	1.23	ppb
Calcium	44-1	5450.37	5379.42	5489.89	5439.89	1.03	ppb
Chromium	52-2	-0.08	0.08	-0.09	-0.03		ppb
Cobalt	59-2	0.15	0.23	0.17	0.18	23.20	ppb
Copper	63-2	941.97	962.76	909.35	938.03	2.87	ppb
Dysprosium	156-1						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				113		%
Indium	115-2				103		%
Iron	56-2	23.14	22.17	22.87	22.73	2.22	ppb
Iron	57-2	20.99	23.16	23.99	22.71	6.82	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.43	0.38	0.41	5.84	ppb
Lead	207-1	0.40	0.41	0.43	0.41	3.85	ppb
Lead	208-1	0.40	0.42	0.42	0.41	2.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	1149.33	1181.92	1119.85	1150.37	2.70	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.60	8.64	8.66	8.63	0.39	ppb
Molybdenum	94-1	0.23	0.10	0.19	0.18	36.36	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	11.58	ppb
Molybdenum	96-1	0.07	0.11	0.10	0.09	25.79	ppb
Molybdenum	97-1	0.06	0.08	0.05	0.07	21.86	ppb
Molybdenum	98-1	0.06	0.09	0.08	0.07	18.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	325.57	332.84	315.61	324.67	2.66	ppb
Phosphorus	31-2	485.61	216.95	406.19	369.58	37.34	ppb
Potassium	39-2	480.59	467.88	472.52	473.66	1.36	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	4.86	4.85	-2.61	2.37	182.09	ppb
Selenium	78-2	0.00	1.17	2.34	1.17	99.97	ppb
Selenium	82-1	0.70	0.35	0.26	0.44	54.29	ppb
Silicon	28-1	808.15	799.57	837.57	815.09	2.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.88	ppb
Sodium	23-2	10086.03	10221.91	9805.92	10037.95	2.11	ppb
Strontium	86-1	19.49	19.58	19.58	19.55	0.27	ppb
Strontium	88-1	19.58	19.38	20.17	19.71	2.08	ppb
Sulfur	34-1	-1254.83	-1256.33	-841.50	-1117.56		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.00	0.00	0.00	376.48	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	29.50	29.34	30.97	29.94	3.00	ppb
Titanium	47-1	0.18	0.29	0.26	0.24	23.54	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	43.78	ppb
Vanadium	51-2	0.07	0.05	0.05	0.06	20.30	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	709.69	728.96	686.20	708.28	3.02	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.08	0.08	7.42	ppb
Zirconium	91-1	0.08	0.05	0.09	0.08	27.07	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.55	3.12	5.05	6.24	61.84	ppb
Antimony	121-1	0.15	0.13	0.15	0.15	8.76	ppb
Arsenic	75-2	0.14	0.17	0.09	0.13	30.44	ppb
Barium	135-1	15.64	15.06	15.52	15.41	1.97	ppb
Barium	137-1	16.23	15.88	15.90	16.00	1.25	ppb
Beryllium	9-1	0.05	0.09	0.08	0.08	28.38	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	8.48	7.62	7.28	7.79	7.94	ppb
Boron	11-1	7.53	7.61	7.39	7.51	1.49	ppb
Cadmium	111-1	-0.30	-0.22	-0.28	-0.26		ppb
Cadmium	106-1	-4.14	-3.15	-3.73	-3.67		ppb
Cadmium	108-1	0.18	0.08	0.27	0.18	54.28	ppb
Calcium	43-1	5231.09	4985.95	5256.73	5157.92	2.90	ppb
Calcium	44-1	5353.29	5110.97	5337.16	5267.14	2.57	ppb
Chromium	52-2	0.01	-0.11	0.07	-0.01		ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	20.00	ppb
Copper	63-2	876.84	872.40	885.30	878.18	0.75	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				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	22.76	22.23	22.50	22.50	1.19	ppb
Iron	57-2	25.79	20.06	25.68	23.84	13.75	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.32	0.33	0.32	2.98	ppb
Lead	207-1	0.31	0.27	0.33	0.31	9.58	ppb
Lead	208-1	0.32	0.30	0.32	0.31	4.47	ppb
Lithium	6-1				103		%
Magnesium	24-2	1119.53	1130.79	1164.34	1138.22	2.05	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.37	10.58	9.81	10.25	3.89	ppb
Molybdenum	94-1	0.25	0.21	0.19	0.21	16.12	ppb
Molybdenum	95-1	0.08	0.06	0.04	0.06	32.36	ppb
Molybdenum	96-1	0.10	0.04	0.08	0.08	38.17	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	11.60	ppb
Molybdenum	98-1	0.07	0.05	0.07	0.06	16.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.00	171.19	169.17	170.12	0.60	ppb
Phosphorus	31-2	143.42	384.98	389.32	305.91	46.01	ppb
Potassium	39-2	484.40	466.96	481.92	477.76	1.98	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	1.18	0.39	173.21	ppb
Selenium	82-1	0.16	0.00	0.40	0.18	110.42	ppb
Silicon	28-1	858.62	806.90	839.83	835.12	3.13	ppb
Silver	109-1	0.01	0.01	0.02	0.01	29.68	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.44	ppb
Sodium	23-2	9940.94	9994.05	10129.60	10021.53	0.97	ppb
Strontium	86-1	19.78	18.86	19.84	19.49	2.82	ppb
Strontium	88-1	19.85	19.26	19.77	19.63	1.64	ppb
Sulfur	34-1	-580.13	-1149.78	-690.76	-806.89		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	10.64	10.48	10.54	10.55	0.79	ppb
Titanium	47-1	0.23	0.23	0.30	0.25	15.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.33	ppb
Vanadium	51-2	0.03	0.02	0.05	0.04	45.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	737.33	730.12	752.52	739.99	1.55	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.07	0.08	0.09	19.90	ppb
Zirconium	91-1	0.08	0.09	0.08	0.08	7.33	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125.90	103.31	121.01	116.74	10.18	ppb
Antimony	121-1	0.19	0.16	0.16	0.17	9.76	ppb
Arsenic	75-2	0.09	0.06	0.25	0.13	78.01	ppb
Barium	135-1	16.08	13.97	14.07	14.71	8.10	ppb
Barium	137-1	16.15	14.05	14.25	14.82	7.83	ppb
Beryllium	9-1	0.02	0.03	0.05	0.03	62.69	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	13.61	12.09	14.12	13.27	7.95	ppb
Boron	11-1	13.53	12.32	12.71	12.85	4.82	ppb
Cadmium	111-1	-0.30	-0.31	-0.26	-0.29		ppb
Cadmium	106-1	-4.23	-4.15	-3.61	-4.00		ppb
Cadmium	108-1	0.38	0.58	0.44	0.47	21.90	ppb
Calcium	43-1	5460.87	4854.93	4990.25	5102.01	6.23	ppb
Calcium	44-1	5687.04	5087.10	5181.24	5318.46	6.07	ppb
Chromium	52-2	-0.09	-0.03	0.10	-0.01		ppb
Cobalt	59-2	0.50	0.51	0.53	0.51	3.41	ppb
Copper	63-2	749.23	755.50	766.34	757.02	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				113		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	19.27	19.58	19.17	19.34	1.09	ppb
Iron	57-2	17.50	22.51	18.47	19.49	13.62	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.68	0.67	0.68	2.74	ppb
Lead	207-1	0.66	0.63	0.57	0.62	7.50	ppb
Lead	208-1	0.68	0.64	0.60	0.64	5.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	1124.31	1140.28	1103.02	1122.54	1.67	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.73	8.41	7.96	8.03	4.27	ppb
Molybdenum	94-1	0.17	0.27	0.17	0.20	29.55	ppb
Molybdenum	95-1	0.10	0.12	0.13	0.12	16.72	ppb
Molybdenum	96-1	0.16	0.11	0.14	0.14	16.82	ppb
Molybdenum	97-1	0.12	0.09	0.09	0.10	18.47	ppb
Molybdenum	98-1	0.11	0.11	0.09	0.10	13.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.93	12.94	12.76	12.55	4.31	ppb
Phosphorus	31-2	73.22	211.07	144.18	142.82	48.26	ppb
Potassium	39-2	425.44	493.38	461.09	459.97	7.39	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	-2.61	-2.61	4.94	-0.09		ppb
Selenium	78-2	0.00	0.00	1.19	0.40	173.21	ppb
Selenium	82-1	-0.23	0.21	0.76	0.25	198.54	ppb
Silicon	28-1	868.89	778.80	793.22	813.64	5.95	ppb
Silver	109-1	0.01	0.00	0.00	0.01	158.55	ppb
Silver	107-1	0.01	0.02	0.01	0.01	16.18	ppb
Sodium	23-2	9968.94	10083.48	10171.84	10074.75	1.01	ppb
Strontium	86-1	20.66	18.48	18.69	19.28	6.24	ppb
Strontium	88-1	20.88	19.28	19.24	19.80	4.74	ppb
Sulfur	34-1	-286.17	-1577.71	-1247.01	-1036.96		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.01	0.00	0.00	171.34	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	394.42	ppb
Tin	118-1	66.65	59.67	68.16	64.83	6.98	ppb
Titanium	47-1	0.04	0.08	0.11	0.08	47.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.21	ppb
Vanadium	51-2	0.07	0.05	0.08	0.07	22.85	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	2816.86	2804.28	2843.96	2821.70	0.72	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.06	0.07	16.73	ppb
Zirconium	91-1	0.09	0.07	0.06	0.08	18.48	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.67	20.00	9.04	13.24	44.66	ppb
Antimony	121-1	0.71	0.69	0.79	0.73	7.43	ppb
Arsenic	75-2	0.09	0.11	0.12	0.11	14.00	ppb
Barium	135-1	15.05	15.73	17.05	15.94	6.37	ppb
Barium	137-1	15.49	15.70	16.61	15.93	3.76	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	21.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	13.67	14.63	13.50	13.93	4.35	ppb
Boron	11-1	12.45	12.20	14.78	13.14	10.86	ppb
Cadmium	111-1	-0.24	-0.19	-0.17	-0.20		ppb
Cadmium	106-1	-2.73	-1.91	-1.58	-2.08		ppb
Cadmium	108-1	1.18	1.27	1.62	1.36	17.09	ppb
Calcium	43-1	4896.80	5006.13	5519.61	5140.85	6.47	ppb
Calcium	44-1	4966.27	5196.83	5635.61	5266.23	6.46	ppb
Chromium	52-2	-0.12	-0.07	0.02	-0.06		ppb
Cobalt	59-2	0.02	0.04	0.01	0.02	60.99	ppb
Copper	63-2	1912.75	1897.31	1948.28	1919.44	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				111		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	18.80	17.34	19.55	18.56	6.07	ppb
Iron	57-2	14.32	16.91	15.35	15.53	8.37	ppb
Krypton	83-1						cps
Lead	206-1	4.77	5.04	5.27	5.02	4.94	ppb
Lead	207-1	4.55	4.65	5.01	4.74	5.20	ppb
Lead	208-1	4.64	4.87	5.15	4.89	5.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	1166.23	1170.11	1215.03	1183.79	2.29	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.18	8.83	9.06	9.02	2.00	ppb
Molybdenum	94-1	0.19	0.22	0.13	0.18	24.34	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	27.69	ppb
Molybdenum	96-1	0.06	0.09	0.08	0.08	19.36	ppb
Molybdenum	97-1	0.07	0.10	0.04	0.07	41.88	ppb
Molybdenum	98-1	0.04	0.07	0.08	0.06	37.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	161.99	158.33	165.54	161.95	2.23	ppb
Phosphorus	31-2	41.30	6.48	7.55	18.44	107.36	ppb
Potassium	39-2	475.59	473.59	459.58	469.59	1.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	2.38	2.33	0.00	1.57	86.61	ppb
Selenium	82-1	0.11	-0.13	0.07	0.02	751.99	ppb
Silicon	28-1	849.57	854.55	969.03	891.05	7.58	ppb
Silver	109-1	0.02	0.02	0.04	0.02	54.20	ppb
Silver	107-1	0.02	0.02	0.04	0.03	47.43	ppb
Sodium	23-2	9957.21	9971.11	10108.25	10012.19	0.83	ppb
Strontium	86-1	18.78	19.35	20.27	19.47	3.84	ppb
Strontium	88-1	19.16	19.23	20.75	19.72	4.55	ppb
Sulfur	34-1	-1563.79	-971.57	418.28	-705.69		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.04	0.02	59.67	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	102.31	ppb
Tin	118-1	43.69	45.09	49.08	45.95	6.08	ppb
Titanium	47-1	-0.01	0.12	0.11	0.07	95.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.18	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	51.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	6495.69	6455.03	6634.52	6528.41	1.44	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.07	0.09	0.08	10.29	ppb
Zirconium	91-1	0.08	0.04	0.09	0.07	33.71	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.91	35.73	26.12	27.92	25.37	ppb
Antimony	121-1	0.13	0.14	0.11	0.13	14.83	ppb
Arsenic	75-2	0.23	0.31	0.23	0.26	19.82	ppb
Barium	135-1	14.76	14.87	14.81	14.81	0.37	ppb
Barium	137-1	15.07	14.91	15.07	15.01	0.63	ppb
Beryllium	9-1	0.01	0.06	0.05	0.04	61.74	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	6.42	7.89	8.26	7.52	12.90	ppb
Boron	11-1	7.64	7.06	7.91	7.54	5.78	ppb
Cadmium	111-1	-0.27	-0.32	-0.22	-0.27		ppb
Cadmium	106-1	-3.99	-4.41	-3.06	-3.82		ppb
Cadmium	108-1	0.18	-0.04	0.24	0.12	118.15	ppb
Calcium	43-1	5150.76	4980.12	5076.96	5069.28	1.69	ppb
Calcium	44-1	5213.67	5129.25	5182.35	5175.09	0.82	ppb
Chromium	52-2	1.69	1.89	1.71	1.76	6.29	ppb
Cobalt	59-2	0.12	0.09	0.07	0.10	28.09	ppb
Copper	63-2	640.90	652.98	651.52	648.47	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				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	29.22	30.19	28.62	29.34	2.70	ppb
Iron	57-2	32.96	32.02	29.79	31.59	5.15	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.69	0.68	0.69	1.03	ppb
Lead	207-1	0.62	0.66	0.68	0.65	4.34	ppb
Lead	208-1	0.67	0.68	0.67	0.67	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	1085.99	1103.96	1095.65	1095.20	0.82	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.66	12.40	12.78	12.61	1.56	ppb
Molybdenum	94-1	0.16	0.17	0.17	0.16	0.89	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	21.55	ppb
Molybdenum	96-1	0.09	0.03	0.09	0.07	52.37	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.04	41.58	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	15.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.02	9.48	9.66	9.72	2.83	ppb
Phosphorus	31-2	386.62	500.07	464.05	450.25	12.87	ppb
Potassium	39-2	420.03	490.51	483.99	464.84	8.38	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	1.19	0.40	173.21	ppb
Selenium	82-1	0.10	-0.12	-0.19	-0.07		ppb
Silicon	28-1	815.22	848.89	799.69	821.27	3.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.99	ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.00	ppb
Sodium	23-2	9923.49	9974.15	10048.42	9982.02	0.63	ppb
Strontium	86-1	18.75	18.69	18.54	18.66	0.60	ppb
Strontium	88-1	19.18	18.95	19.10	19.07	0.61	ppb
Sulfur	34-1	-534.96	-721.27	-512.74	-589.66		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	25.07	23.95	23.62	24.21	3.15	ppb
Titanium	47-1	0.28	12.79	0.25	4.44	162.74	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	34.45	ppb
Vanadium	51-2	0.04	0.02	0.07	0.04	53.86	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	761.21	761.33	776.21	766.25	1.13	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.06	7.76	ppb
Zirconium	91-1	0.08	0.02	0.07	0.06	56.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50449.72	48204.06	49221.19	49291.66	2.28	ppb
Antimony	121-1	488.66	495.56	490.12	491.45	0.74	ppb
Arsenic	75-2	496.66	493.16	504.97	498.26	1.22	ppb
Barium	135-1	2489.44	2505.60	2465.16	2486.73	0.82	ppb
Barium	137-1	2479.44	2479.09	2451.80	2470.11	0.64	ppb
Beryllium	9-1	501.24	507.31	494.57	501.04	1.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	491.41	510.05	505.14	502.20	1.92	ppb
Boron	11-1	477.04	500.96	495.42	491.14	2.55	ppb
Cadmium	111-1	472.23	479.82	469.51	473.85	1.13	ppb
Cadmium	106-1	472.79	481.91	475.99	476.90	0.97	ppb
Cadmium	108-1	473.53	477.44	474.60	475.19	0.43	ppb
Calcium	43-1	227513.00	230239.37	227573.28	228441.88	0.68	ppb
Calcium	44-1	225310.64	228757.28	225530.31	226532.75	0.85	ppb
Chromium	52-2	539.44	517.08	526.23	527.59	2.13	ppb
Cobalt	59-2	519.43	499.84	506.50	508.59	1.96	ppb
Copper	63-2	1010.78	972.81	987.94	990.51	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	128773.99	124242.75	126408.24	126474.99	1.79	ppb
Iron	57-2	125206.58	120396.26	123116.73	122906.53	1.96	ppb
Krypton	83-1						cps
Lead	206-1	516.00	509.63	502.64	509.42	1.31	ppb
Lead	207-1	514.24	516.64	502.20	511.03	1.51	ppb
Lead	208-1	512.96	512.01	501.99	508.99	1.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	256170.58	247148.32	248134.70	250484.53	1.98	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.92	997.52	1013.25	1014.90	1.80	ppb
Molybdenum	94-1	2500.11	2525.99	2490.22	2505.44	0.74	ppb
Molybdenum	95-1	2506.76	2516.38	2474.18	2499.11	0.88	ppb
Molybdenum	96-1	2506.44	2537.11	2502.09	2515.21	0.76	ppb
Molybdenum	97-1	2508.33	2534.07	2511.65	2518.02	0.56	ppb
Molybdenum	98-1	2489.12	2499.52	2508.33	2498.99	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.71	508.63	513.88	516.41	1.80	ppb
Phosphorus	31-2	11188.94	10069.40	11130.12	10796.15	5.84	ppb
Potassium	39-2	121275.57	118058.20	118387.13	119240.30	1.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	452.14	523.98	493.14	489.75	7.36	ppb
Selenium	78-2	483.24	521.13	514.75	506.37	4.01	ppb
Selenium	82-1	481.18	479.62	478.97	479.92	0.24	ppb
Silicon	28-1	487.78	506.52	499.99	498.09	1.91	ppb
Silver	109-1	480.56	489.70	477.68	482.65	1.30	ppb
Silver	107-1	483.84	488.37	481.17	484.46	0.75	ppb
Sodium	23-2	255100.69	247917.08	250424.95	251147.57	1.45	ppb
Strontium	86-1	487.64	492.74	492.20	490.86	0.57	ppb
Strontium	88-1	499.94	504.42	496.29	500.22	0.81	ppb
Sulfur	34-1	8728.06	9186.63	8551.42	8822.04	3.72	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	514.08	514.04	495.15	507.76	2.15	ppb
Thallium	205-1	505.95	507.37	498.92	504.08	0.90	ppb
Tin	118-1	491.39	499.77	494.78	495.31	0.85	ppb
Titanium	47-1	2463.35	2517.54	2462.79	2481.23	1.27	ppb
Uranium	238-1	507.67	508.59	495.05	503.77	1.50	ppb
Vanadium	51-2	525.33	501.80	510.61	512.58	2.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1010.83	980.99	993.53	995.12	1.51	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.04	506.01	501.96	501.67	0.90	ppb
Zirconium	91-1	489.00	495.62	492.29	492.30	0.67	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.06	6.88	1.17	3.70	78.53	ppb
Antimony	121-1	1.18	1.07	0.94	1.06	11.04	ppb
Arsenic	75-2	0.06	0.06	-0.02	0.04	133.28	ppb
Barium	135-1	0.10	0.08	0.10	0.10	12.71	ppb
Barium	137-1	0.09	0.11	0.05	0.08	37.30	ppb
Beryllium	9-1	0.20	0.23	0.17	0.20	15.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	18.50	15.94	15.52	16.65	9.68	ppb
Boron	11-1	17.02	16.82	14.55	16.13	8.51	ppb
Cadmium	111-1	-0.14	-0.22	-0.29	-0.22		ppb
Cadmium	106-1	-2.60	-3.54	-4.39	-3.51		ppb
Cadmium	108-1	-0.01	0.11	-0.01	0.03	231.90	ppb
Calcium	43-1	13.12	5.68	8.76	9.19	40.70	ppb
Calcium	44-1	0.81	-0.77	-0.45	-0.13		ppb
Chromium	52-2	-0.11	-0.02	-0.20	-0.11		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.06	0.04	0.05	22.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	5.43	5.47	4.49	5.13	10.82	ppb
Iron	57-2	6.06	2.00	2.77	3.61	59.83	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	22.27	ppb
Lead	207-1	0.05	0.02	0.03	0.03	45.68	ppb
Lead	208-1	0.04	0.03	0.04	0.04	16.84	ppb
Lithium	6-1				106		%
Magnesium	24-2	9.47	8.65	12.36	10.16	19.21	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	-0.05	0.06	-0.02		ppb
Molybdenum	94-1	1.04	1.00	0.77	0.93	15.72	ppb
Molybdenum	95-1	1.27	1.06	0.89	1.07	17.75	ppb
Molybdenum	96-1	1.31	1.10	0.95	1.12	16.00	ppb
Molybdenum	97-1	1.14	1.18	0.96	1.09	10.94	ppb
Molybdenum	98-1	1.23	1.10	0.94	1.09	13.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	-0.02	0.05	0.05	144.47	ppb
Phosphorus	31-2	-27.99	6.52	5.06	-5.47		ppb
Potassium	39-2	26.43	21.52	15.69	21.21	25.36	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	1.17	0.00	0.39	173.21	ppb
Selenium	82-1	-0.43	0.31	0.24	0.04	986.68	ppb
Silicon	28-1	-14.75	-16.86	-14.96	-15.52		ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.53	ppb
Silver	107-1	0.04	0.04	0.03	0.04	21.36	ppb
Sodium	23-2	65.98	64.98	63.55	64.84	1.88	ppb
Strontium	86-1	0.05	-0.02	0.03	0.02	164.50	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	40.78	ppb
Sulfur	34-1	-1985.50	-2146.88	-1995.20	-2042.53		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.07	0.08	0.08	17.44	ppb
Thallium	205-1	0.12	0.09	0.09	0.10	15.38	ppb
Tin	118-1	0.36	0.29	0.26	0.30	16.78	ppb
Titanium	47-1	0.12	0.15	0.22	0.16	32.90	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	5.36	ppb
Vanadium	51-2	0.01	0.05	0.01	0.03	72.70	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.29	0.09	0.27	0.21	51.27	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.09	0.06	0.08	24.23	ppb
Zirconium	91-1	0.16	0.09	0.11	0.12	27.14	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.77	59.95	52.59	58.44	8.99	ppb
Antimony	121-1	0.44	0.53	0.44	0.47	11.36	ppb
Arsenic	75-2	0.29	0.26	0.08	0.21	52.20	ppb
Barium	135-1	14.36	16.06	14.72	15.05	5.95	ppb
Barium	137-1	14.35	16.44	14.40	15.06	7.94	ppb
Beryllium	9-1	0.08	0.07	0.13	0.10	34.82	ppb
Bismuth	209-1				114		%
Bismuth	209-2				114		%
Boron	10-1	14.09	15.63	14.97	14.90	5.20	ppb
Boron	11-1	14.46	16.05	15.39	15.30	5.23	ppb
Cadmium	111-1	-0.13	-0.09	-0.14	-0.12		ppb
Cadmium	106-1	-2.08	-1.36	-1.89	-1.78		ppb
Cadmium	108-1	0.49	0.87	0.84	0.74	28.68	ppb
Calcium	43-1	4855.65	5643.13	5080.92	5193.23	7.81	ppb
Calcium	44-1	5001.92	5784.33	5179.59	5321.95	7.71	ppb
Chromium	52-2	-0.08	-0.14	0.04	-0.06		ppb
Cobalt	59-2	0.40	0.47	0.43	0.43	8.19	ppb
Copper	63-2	1974.48	1932.63	1991.52	1966.21	1.54	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				115		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	19.83	19.69	19.80	19.78	0.37	ppb
Iron	57-2	16.15	23.68	19.83	19.89	18.93	ppb
Krypton	83-1						cps
Lead	206-1	3.67	4.30	3.80	3.92	8.48	ppb
Lead	207-1	3.42	4.03	3.57	3.67	8.64	ppb
Lead	208-1	3.57	4.20	3.68	3.81	8.79	ppb
Lithium	6-1				109		%
Magnesium	24-2	1098.61	1105.15	1120.65	1108.14	1.02	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.48	7.56	7.75	7.60	1.85	ppb
Molybdenum	94-1	1.93	1.75	1.43	1.70	14.92	ppb
Molybdenum	95-1	0.38	0.43	0.40	0.41	5.68	ppb
Molybdenum	96-1	0.55	0.63	0.50	0.56	11.90	ppb
Molybdenum	97-1	0.40	0.48	0.34	0.41	16.49	ppb
Molybdenum	98-1	0.42	0.42	0.38	0.40	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.46	21.18	20.70	20.78	1.76	ppb
Phosphorus	31-2	101.59	226.77	200.48	176.28	37.44	ppb
Potassium	39-2	576.03	518.12	543.50	545.88	5.32	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	2.28	0.76	173.21	ppb
Selenium	82-1	0.70	0.31	-0.05	0.32	116.40	ppb
Silicon	28-1	806.26	948.75	843.86	866.29	8.52	ppb
Silver	109-1	0.03	0.04	0.03	0.03	13.87	ppb
Silver	107-1	0.03	0.01	0.03	0.02	33.77	ppb
Sodium	23-2	10079.07	9719.12	10073.38	9957.19	2.07	ppb
Strontium	86-1	18.47	21.17	18.84	19.50	7.50	ppb
Strontium	88-1	18.64	21.28	19.26	19.72	7.01	ppb
Sulfur	34-1	-2136.90	-174.49	-1584.90	-1298.76		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.04	0.04	0.04	16.08	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	19.24	ppb
Tin	118-1	80.43	89.88	83.36	84.56	5.72	ppb
Titanium	47-1	0.24	1.23	0.16	0.55	109.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.47	ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	10.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	3638.92	3575.16	3679.86	3631.31	1.45	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	0.88	0.78	0.89	12.53	ppb
Zirconium	91-1	0.97	0.87	0.85	0.90	7.21	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.30	61.45	58.11	57.29	8.08	ppb
Antimony	121-1	0.36	0.34	0.35	0.35	2.49	ppb
Arsenic	75-2	0.36	0.28	0.14	0.26	43.12	ppb
Barium	135-1	14.72	15.02	15.23	14.99	1.72	ppb
Barium	137-1	14.75	15.12	15.22	15.03	1.66	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	22.18	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	11.91	14.34	13.55	13.27	9.36	ppb
Boron	11-1	11.55	13.57	13.00	12.70	8.21	ppb
Cadmium	111-1	-0.22	-0.19	-0.12	-0.18		ppb
Cadmium	106-1	-3.43	-3.01	-1.78	-2.74		ppb
Cadmium	108-1	0.70	0.74	0.78	0.74	5.42	ppb
Calcium	43-1	4993.18	5126.04	5033.61	5050.95	1.35	ppb
Calcium	44-1	5173.39	5266.59	5277.89	5239.29	1.09	ppb
Chromium	52-2	0.65	0.54	0.63	0.61	9.88	ppb
Cobalt	59-2	0.90	0.92	0.83	0.88	5.07	ppb
Copper	63-2	2369.45	2240.16	2243.08	2284.23	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	70.90	64.35	65.98	67.08	5.09	ppb
Iron	57-2	58.45	56.85	72.82	62.71	14.03	ppb
Krypton	83-1						cps
Lead	206-1	6.88	7.02	7.08	6.99	1.50	ppb
Lead	207-1	6.67	6.75	6.74	6.72	0.59	ppb
Lead	208-1	6.81	6.85	6.92	6.86	0.83	ppb
Lithium	6-1				108		%
Magnesium	24-2	1143.12	1124.95	1143.93	1137.33	0.94	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.06	8.98	9.27	9.44	5.92	ppb
Molybdenum	94-1	0.73	0.74	0.66	0.71	6.48	ppb
Molybdenum	95-1	0.17	0.23	0.24	0.21	18.65	ppb
Molybdenum	96-1	0.29	0.25	0.25	0.26	8.28	ppb
Molybdenum	97-1	0.24	0.23	0.25	0.24	4.15	ppb
Molybdenum	98-1	0.25	0.25	0.20	0.23	12.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.86	39.90	39.62	40.79	4.40	ppb
Phosphorus	31-2	354.56	274.33	309.74	312.88	12.85	ppb
Potassium	39-2	568.09	520.38	541.27	543.25	4.40	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	4.69	0.00	1.56	173.21	ppb
Selenium	82-1	0.18	0.23	-0.26	0.05	558.91	ppb
Silicon	28-1	831.62	841.47	842.12	838.40	0.70	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.18	ppb
Silver	107-1	0.03	0.02	0.02	0.02	28.88	ppb
Sodium	23-2	10621.03	10096.43	10103.75	10273.74	2.93	ppb
Strontium	86-1	18.52	19.32	19.66	19.17	3.04	ppb
Strontium	88-1	19.24	19.56	19.89	19.56	1.67	ppb
Sulfur	34-1	-1634.88	-1476.54	-1180.92	-1430.78		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.05	0.04	0.05	23.36	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	14.19	ppb
Tin	118-1	56.20	57.52	96.78	70.17	32.86	ppb
Titanium	47-1	0.23	0.22	0.11	0.19	35.18	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	30.04	ppb
Vanadium	51-2	0.06	0.05	0.07	0.06	12.90	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	3350.86	3179.96	3199.25	3243.36	2.89	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.33	0.31	0.34	11.60	ppb
Zirconium	91-1	0.41	0.33	0.33	0.36	12.95	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.79	12.65	29.88	20.44	42.71	ppb
Antimony	121-1	0.16	0.18	0.15	0.16	9.26	ppb
Arsenic	75-2	0.29	0.17	0.24	0.23	26.48	ppb
Barium	135-1	15.38	15.20	15.03	15.21	1.15	ppb
Barium	137-1	15.80	15.33	15.23	15.46	1.98	ppb
Beryllium	9-1	0.10	0.07	0.04	0.07	42.15	ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Boron	10-1	6.81	6.14	7.23	6.73	8.20	ppb
Boron	11-1	8.49	8.85	7.79	8.37	6.41	ppb
Cadmium	111-1	-0.25	-0.26	-0.30	-0.27		ppb
Cadmium	106-1	-3.83	-3.89	-4.42	-4.05		ppb
Cadmium	108-1	-0.04	0.05	-0.01	0.00		ppb
Calcium	43-1	5239.58	4840.55	4958.82	5012.99	4.09	ppb
Calcium	44-1	5374.84	4985.06	5152.14	5170.68	3.78	ppb
Chromium	52-2	-0.04	-0.01	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	106.49	ppb
Copper	63-2	363.84	386.04	361.95	370.61	3.62	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				114		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	26.55	29.26	26.74	27.52	5.50	ppb
Iron	57-2	28.75	27.39	17.55	24.56	24.88	ppb
Krypton	83-1						cps
Lead	206-1	4.61	4.44	4.35	4.47	2.88	ppb
Lead	207-1	4.36	4.20	4.15	4.24	2.67	ppb
Lead	208-1	4.48	4.27	4.28	4.34	2.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	1091.42	1196.72	1075.36	1121.16	5.88	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.37	13.53	12.67	12.85	4.69	ppb
Molybdenum	94-1	0.56	0.54	0.56	0.55	2.53	ppb
Molybdenum	95-1	0.14	0.10	0.12	0.12	15.99	ppb
Molybdenum	96-1	0.23	0.17	0.12	0.17	30.91	ppb
Molybdenum	97-1	0.11	0.13	0.13	0.12	10.26	ppb
Molybdenum	98-1	0.15	0.12	0.10	0.12	20.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.57	4.84	4.25	4.55	6.48	ppb
Phosphorus	31-2	654.11	704.59	599.22	652.64	8.07	ppb
Potassium	39-2	461.19	499.49	474.88	478.52	4.06	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	-2.61	-2.61	4.60	-0.21		ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	0.27	0.50	0.25	0.34	39.96	ppb
Silicon	28-1	854.28	806.11	800.79	820.39	3.59	ppb
Silver	109-1	0.01	0.01	0.00	0.01	83.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.09	ppb
Sodium	23-2	9843.64	10580.43	9937.28	10120.45	3.96	ppb
Strontium	86-1	19.47	18.86	18.65	18.99	2.26	ppb
Strontium	88-1	19.50	18.66	19.10	19.09	2.20	ppb
Sulfur	34-1	-615.06	-1425.95	-1031.04	-1024.02		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.00	0.00	0.00	276.81	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	69.06	ppb
Tin	118-1	2.35	2.25	2.23	2.28	2.96	ppb
Titanium	47-1	0.40	0.41	0.37	0.39	5.83	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.29	ppb
Vanadium	51-2	0.09	0.07	0.07	0.08	11.04	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	116.24	120.93	113.71	116.96	3.13	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.25	0.23	0.26	11.55	ppb
Zirconium	91-1	0.32	0.26	0.21	0.27	19.71	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.90	1.19	8.51	4.87	75.22	ppb
Antimony	121-1	0.08	0.09	0.06	0.08	16.59	ppb
Arsenic	75-2	0.01	-0.05	0.01	-0.01		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	14.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	2.73	4.13	3.55	3.47	20.38	ppb
Boron	11-1	3.74	3.55	3.42	3.57	4.48	ppb
Cadmium	111-1	-0.22	-0.22	-0.27	-0.24		ppb
Cadmium	106-1	-3.19	-3.17	-3.73	-3.36		ppb
Cadmium	108-1	-0.04	-0.01	-0.04	-0.03		ppb
Calcium	43-1	-7.38	3.03	-1.96	-2.10		ppb
Calcium	44-1	-8.16	-7.68	-6.90	-7.58		ppb
Chromium	52-2	-0.15	-0.19	-0.17	-0.17		ppb
Cobalt	59-2	-0.02	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.21	0.04	0.01	0.09	124.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	3.21	0.45	0.52	1.39	112.95	ppb
Iron	57-2	2.94	-1.81	-2.83	-0.57		ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	0.01	0.01	0.02	0.02	37.42	ppb
Lead	208-1	0.00	0.00	0.01	0.00	79.20	ppb
Lithium	6-1				103		%
Magnesium	24-2	13.57	3.04	3.11	6.57	92.11	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.08	-0.06	-0.06		ppb
Molybdenum	94-1	-0.02	0.04	-0.01	0.00	2693.12	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	17.82	ppb
Molybdenum	96-1	0.09	0.07	0.03	0.06	44.50	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	6.30	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.05	-0.03		ppb
Phosphorus	31-2	-27.99	-27.99	-27.99	-27.99		ppb
Potassium	39-2	16.05	2.27	-8.52	3.27	376.99	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.85	-2.61	-2.61	-0.12		ppb
Selenium	78-2	0.00	2.33	1.15	1.16	100.54	ppb
Selenium	82-1	0.21	0.13	-0.50	-0.05		ppb
Silicon	28-1	-15.51	-16.40	-15.49	-15.80		ppb
Silver	109-1	0.00	0.01	0.01	0.01	66.27	ppb
Silver	107-1	0.01	0.00	0.01	0.01	34.71	ppb
Sodium	23-2	38.90	39.29	37.94	38.71	1.79	ppb
Strontium	86-1	-0.05	0.06	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	105.28	ppb
Sulfur	34-1	-1730.95	-1524.84	-1451.63	-1569.14		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.00	0.00	242.16	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.05	0.02	0.02	131.62	ppb
Titanium	47-1	-0.04	0.05	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	150.81	ppb
Vanadium	51-2	0.06	0.01	0.00	0.02	126.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.70	0.41	0.14	0.42	66.39	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.03	-0.03	-0.02		ppb
Zirconium	91-1	-0.02	0.01	-0.03	-0.01		ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9744.69	9726.51	9487.13	9652.78	1.49	ppb
Antimony	121-1	494.59	501.87	503.69	500.05	0.96	ppb
Arsenic	75-2	499.85	505.17	483.38	496.13	2.29	ppb
Barium	135-1	2478.00	2529.73	2491.38	2499.70	1.07	ppb
Barium	137-1	2462.42	2481.25	2488.71	2477.46	0.55	ppb
Beryllium	9-1	495.80	491.77	488.74	492.10	0.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	461.98	485.48	487.68	478.38	2.98	ppb
Boron	11-1	459.08	470.30	482.60	470.66	2.50	ppb
Cadmium	111-1	486.35	496.02	496.87	493.08	1.19	ppb
Cadmium	106-1	472.76	492.50	495.59	486.95	2.54	ppb
Cadmium	108-1	480.32	489.31	489.81	486.48	1.10	ppb
Calcium	43-1	45064.62	46640.74	45696.07	45800.47	1.73	ppb
Calcium	44-1	45558.14	46820.93	45866.18	46081.75	1.43	ppb
Chromium	52-2	522.37	514.18	497.55	511.37	2.47	ppb
Cobalt	59-2	523.65	513.07	501.74	512.82	2.14	ppb
Copper	63-2	1060.64	1041.60	1013.18	1038.47	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	26190.41	25744.47	24807.97	25580.95	2.76	ppb
Iron	57-2	25438.08	24821.52	24234.71	24831.44	2.42	ppb
Krypton	83-1						cps
Lead	206-1	511.99	506.98	502.73	507.23	0.91	ppb
Lead	207-1	505.75	506.44	504.14	505.44	0.23	ppb
Lead	208-1	505.89	505.96	503.14	505.00	0.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	51014.55	50122.86	48861.86	49999.76	2.16	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.08	1021.56	994.26	1014.30	1.73	ppb
Molybdenum	94-1	2439.49	2504.32	2475.52	2473.11	1.31	ppb
Molybdenum	95-1	2443.85	2523.28	2489.96	2485.70	1.60	ppb
Molybdenum	96-1	2468.13	2529.22	2472.72	2490.02	1.37	ppb
Molybdenum	97-1	2458.37	2524.16	2501.62	2494.72	1.34	ppb
Molybdenum	98-1	2473.38	2508.65	2503.81	2495.28	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.00	520.41	508.61	520.34	2.25	ppb
Phosphorus	31-2	11783.59	11083.13	10011.34	10959.35	8.14	ppb
Potassium	39-2	23899.79	23991.14	23399.72	23763.55	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	546.99	412.68	588.46	516.04	17.81	ppb
Selenium	78-2	509.13	485.97	516.38	503.82	3.15	ppb
Selenium	82-1	483.69	494.86	488.69	489.08	1.14	ppb
Silicon	28-1	447.46	474.07	460.80	460.78	2.89	ppb
Silver	109-1	499.76	505.63	503.67	503.02	0.59	ppb
Silver	107-1	500.41	504.56	506.74	503.90	0.64	ppb
Sodium	23-2	51723.34	51046.03	49748.87	50839.41	1.97	ppb
Strontium	86-1	481.97	487.75	488.13	485.95	0.71	ppb
Strontium	88-1	490.61	499.07	496.12	495.27	0.87	ppb
Sulfur	34-1	8476.98	9157.30	8569.47	8734.58	4.22	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	504.04	502.48	497.57	501.36	0.67	ppb
Thallium	205-1	502.78	498.78	497.44	499.67	0.56	ppb
Tin	118-1	498.97	506.13	502.52	502.54	0.71	ppb
Titanium	47-1	2460.86	2525.02	2483.26	2489.71	1.31	ppb
Uranium	238-1	488.46	489.26	483.00	486.90	0.70	ppb
Vanadium	51-2	518.65	510.35	498.44	509.15	2.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	1057.13	1043.64	1018.11	1039.63	1.91	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.20	500.55	497.10	495.95	1.06	ppb
Zirconium	91-1	481.77	496.17	489.10	489.01	1.47	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.69	54.96	69.45	60.03	13.60	ppb
Antimony	121-1	1.21	1.15	1.11	1.16	4.05	ppb
Arsenic	75-2	0.43	0.31	0.22	0.32	32.84	ppb
Barium	135-1	15.84	15.64	16.36	15.95	2.34	ppb
Barium	137-1	16.66	16.02	16.77	16.49	2.46	ppb
Beryllium	9-1	0.23	0.24	0.17	0.22	17.89	ppb
Bismuth	209-1				121		%
Bismuth	209-2				112		%
Boron	10-1	29.44	26.96	24.08	26.82	10.00	ppb
Boron	11-1	26.57	26.38	23.88	25.61	5.88	ppb
Cadmium	111-1	-0.13	-0.20	-0.14	-0.16		ppb
Cadmium	106-1	-3.25	-4.44	-3.61	-3.77		ppb
Cadmium	108-1	0.85	0.79	0.71	0.78	8.46	ppb
Calcium	43-1	5734.41	5722.65	5809.95	5755.67	0.82	ppb
Calcium	44-1	5952.44	5882.10	5946.52	5927.02	0.66	ppb
Chromium	52-2	2.90	3.13	2.81	2.95	5.52	ppb
Cobalt	59-2	0.13	0.12	0.11	0.12	8.46	ppb
Copper	63-2	2231.51	2286.31	2241.12	2252.98	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				103		%
Iron	56-2	43.58	43.21	42.75	43.18	0.96	ppb
Iron	57-2	37.95	32.99	46.45	39.13	17.39	ppb
Krypton	83-1						cps
Lead	206-1	9.22	9.14	9.37	9.24	1.27	ppb
Lead	207-1	8.58	8.82	8.51	8.64	1.87	ppb
Lead	208-1	8.96	9.04	9.07	9.02	0.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	1183.63	1166.68	1188.76	1179.69	0.98	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.01	11.07	11.16	11.08	0.68	ppb
Molybdenum	94-1	1.74	1.60	1.43	1.59	9.72	ppb
Molybdenum	95-1	1.28	1.06	1.02	1.12	12.54	ppb
Molybdenum	96-1	1.47	1.15	1.06	1.23	17.60	ppb
Molybdenum	97-1	1.35	1.19	1.08	1.21	11.53	ppb
Molybdenum	98-1	1.27	1.17	1.08	1.17	8.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.41	39.19	38.34	38.98	1.45	ppb
Phosphorus	31-2	5.42	244.73	73.80	107.98	114.15	ppb
Potassium	39-2	514.71	548.54	527.14	530.13	3.23	ppb
Rhodium	103-1				116		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	1.17	0.00	2.36	1.17	100.41	ppb
Selenium	82-1	-0.11	0.46	-0.05	0.10	326.31	ppb
Silicon	28-1	843.62	836.31	842.15	840.69	0.46	ppb
Silver	109-1	0.14	0.18	0.20	0.18	17.46	ppb
Silver	107-1	0.17	0.18	0.18	0.18	5.16	ppb
Sodium	23-2	10443.13	10524.48	10391.51	10453.04	0.64	ppb
Strontium	86-1	20.35	20.56	21.13	20.68	1.96	ppb
Strontium	88-1	20.82	20.95	20.76	20.84	0.46	ppb
Sulfur	34-1	-1988.91	-1847.39	-1632.41	-1822.90		ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	0.32	0.26	0.27	0.29	10.75	ppb
Thallium	205-1	0.32	0.31	0.28	0.30	6.87	ppb
Tin	118-1	266.05	264.62	274.16	268.28	1.92	ppb
Titanium	47-1	0.48	0.46	0.62	0.52	17.18	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	17.78	ppb
Vanadium	51-2	0.09	0.11	0.08	0.09	13.00	ppb
Yttrium	89-1				115		%
Yttrium	89-2				102		%
Zinc	66-2	2730.96	2775.30	2724.30	2743.52	1.01	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.46	0.37	0.45	18.83	ppb
Zirconium	91-1	0.56	0.49	0.42	0.49	14.96	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DU	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.44	67.23	80.83	71.84	10.85	ppb
Antimony	121-1	0.54	0.54	0.53	0.53	1.25	ppb
Arsenic	75-2	0.21	0.35	0.29	0.28	25.29	ppb
Barium	135-1	16.33	15.99	16.29	16.20	1.15	ppb
Barium	137-1	16.85	16.18	16.33	16.46	2.13	ppb
Beryllium	9-1	0.14	0.10	0.12	0.12	16.88	ppb
Bismuth	209-1				122		%
Bismuth	209-2				109		%
Boron	10-1	16.06	15.65	16.45	16.05	2.50	ppb
Boron	11-1	15.44	14.91	15.30	15.22	1.79	ppb
Cadmium	111-1	-0.13	-0.14	-0.20	-0.16		ppb
Cadmium	106-1	-2.85	-2.63	-3.45	-2.98		ppb
Cadmium	108-1	0.71	0.59	0.54	0.61	14.37	ppb
Calcium	43-1	5745.41	5701.88	5787.56	5744.95	0.75	ppb
Calcium	44-1	5900.33	5836.28	5851.59	5862.73	0.57	ppb
Chromium	52-2	2.93	3.16	2.88	2.99	4.96	ppb
Cobalt	59-2	0.13	0.16	0.11	0.13	19.28	ppb
Copper	63-2	2306.83	2518.93	2341.87	2389.21	4.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				107		%
Indium	115-1				117		%
Indium	115-2				97		%
Iron	56-2	41.74	48.87	45.05	45.22	7.89	ppb
Iron	57-2	35.93	43.75	46.96	42.21	13.43	ppb
Krypton	83-1						cps
Lead	206-1	9.45	9.14	9.24	9.28	1.67	ppb
Lead	207-1	8.68	8.68	8.67	8.68	0.04	ppb
Lead	208-1	9.04	8.95	8.96	8.98	0.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	1197.90	1331.04	1202.28	1243.74	6.08	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.53	12.37	11.53	11.48	8.03	ppb
Molybdenum	94-1	0.75	0.54	0.53	0.61	20.61	ppb
Molybdenum	95-1	0.34	0.34	0.34	0.34	0.70	ppb
Molybdenum	96-1	0.40	0.37	0.37	0.38	3.49	ppb
Molybdenum	97-1	0.36	0.39	0.30	0.35	12.24	ppb
Molybdenum	98-1	0.35	0.33	0.37	0.35	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.43	43.22	40.15	41.27	4.12	ppb
Phosphorus	31-2	150.93	128.10	264.46	181.16	40.31	ppb
Potassium	39-2	509.05	572.16	533.91	538.38	5.90	ppb
Rhodium	103-1				115		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				92		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	1.32	1.24	0.85	86.73	ppb
Selenium	82-1	0.16	0.84	0.30	0.43	83.43	ppb
Silicon	28-1	844.30	820.61	814.70	826.54	1.90	ppb
Silver	109-1	0.18	0.18	0.17	0.18	3.70	ppb
Silver	107-1	0.68	0.16	0.21	0.35	82.05	ppb
Sodium	23-2	10404.16	11476.17	10596.77	10825.70	5.28	ppb
Strontium	86-1	20.35	20.22	20.09	20.22	0.63	ppb
Strontium	88-1	20.91	20.76	20.34	20.67	1.43	ppb
Sulfur	34-1	-1982.41	-2019.64	-1933.08	-1978.38		ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.09	0.09	0.09	3.91	ppb
Thallium	205-1	0.09	0.07	0.12	0.09	26.54	ppb
Tin	118-1	273.28	264.36	270.66	269.43	1.70	ppb
Titanium	47-1	0.45	0.48	0.43	0.45	5.82	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.66	ppb
Vanadium	51-2	0.03	0.11	0.07	0.07	52.02	ppb
Yttrium	89-1				113		%
Yttrium	89-2				96		%
Zinc	66-2	2757.42	3052.20	2829.98	2879.86	5.33	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.22	0.23	0.23	2.19	ppb
Zirconium	91-1	0.29	0.25	0.26	0.27	8.65	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.39	21.41	13.35	21.05	35.75	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	2.30	ppb
Arsenic	75-2	0.07	0.01	-0.02	0.02	209.20	ppb
Barium	135-1	3.16	3.17	3.34	3.22	3.10	ppb
Barium	137-1	3.03	3.11	3.30	3.14	4.36	ppb
Beryllium	9-1	0.10	0.08	0.09	0.09	9.83	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	10-1	6.83	7.98	8.27	7.69	9.90	ppb
Boron	11-1	7.22	7.66	7.29	7.39	3.22	ppb
Cadmium	111-1	-0.35	-0.19	-0.23	-0.26		ppb
Cadmium	106-1	-5.10	-2.94	-3.49	-3.84		ppb
Cadmium	108-1	0.08	0.08	0.14	0.10	38.12	ppb
Calcium	43-1	1097.20	1117.44	1151.20	1121.94	2.43	ppb
Calcium	44-1	1133.80	1134.81	1141.45	1136.69	0.37	ppb
Chromium	52-2	0.53	0.54	0.78	0.62	23.56	ppb
Cobalt	59-2	0.00	-0.02	0.00	0.00		ppb
Copper	63-2	435.00	451.77	448.99	445.25	2.02	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				115		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	56-2	8.41	9.08	9.33	8.94	5.29	ppb
Iron	57-2	14.82	12.08	6.91	11.27	35.65	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.84	1.84	1.85	0.68	ppb
Lead	207-1	1.73	1.72	1.71	1.72	0.41	ppb
Lead	208-1	1.77	1.81	1.78	1.79	1.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	246.14	255.60	239.73	247.16	3.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.06	2.50	2.82	2.46	15.52	ppb
Molybdenum	94-1	0.20	0.19	0.19	0.19	3.79	ppb
Molybdenum	95-1	0.15	0.18	0.17	0.17	7.66	ppb
Molybdenum	96-1	0.17	0.14	0.15	0.15	9.41	ppb
Molybdenum	97-1	0.21	0.15	0.18	0.18	17.24	ppb
Molybdenum	98-1	0.20	0.16	0.16	0.17	13.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.84	7.67	7.32	7.61	3.53	ppb
Phosphorus	31-2	7.58	8.86	45.47	20.64	104.25	ppb
Potassium	39-2	123.65	117.88	120.94	120.82	2.39	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	2.41	1.26	0.00	1.23	98.49	ppb
Selenium	82-1	0.00	0.41	-0.62	-0.07		ppb
Silicon	28-1	183.09	178.29	173.34	178.24	2.73	ppb
Silver	109-1	0.07	0.06	0.06	0.06	3.83	ppb
Silver	107-1	0.06	0.07	0.07	0.06	7.26	ppb
Sodium	23-2	2059.42	2112.82	2076.76	2083.00	1.31	ppb
Strontium	86-1	4.04	4.08	3.96	4.03	1.45	ppb
Strontium	88-1	4.11	4.06	4.11	4.10	0.66	ppb
Sulfur	34-1	-2498.28	-2350.02	-2289.50	-2379.27		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	0.00		ppb
Tin	118-1	51.37	52.27	53.56	52.40	2.10	ppb
Titanium	47-1	0.02	0.11	0.08	0.07	62.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.00	ppb
Vanadium	51-2	0.00	0.06	0.00	0.02	165.13	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	538.00	558.00	553.09	549.70	1.90	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	38.33	ppb
Zirconium	91-1	0.02	0.04	-0.03	0.01	343.85	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1980.48	1860.79	1898.20	1913.16	3.20	ppb
Antimony	121-1	705.56	777.88	749.81	744.42	4.90	ppb
Arsenic	75-2	777.13	785.20	777.99	780.11	0.57	ppb
Barium	135-1	212.66	231.61	223.92	222.73	4.28	ppb
Barium	137-1	214.31	235.92	228.14	226.12	4.84	ppb
Beryllium	9-1	194.69	213.68	202.58	203.65	4.69	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	281.04	318.84	308.75	302.88	6.46	ppb
Boron	11-1	274.21	315.95	306.44	298.87	7.32	ppb
Cadmium	111-1	193.09	213.91	203.29	203.43	5.12	ppb
Cadmium	106-1	160.34	175.08	171.16	168.86	4.52	ppb
Cadmium	108-1	178.13	195.19	189.77	187.70	4.64	ppb
Calcium	43-1	6787.86	7351.03	7282.30	7140.40	4.30	ppb
Calcium	44-1	6900.20	7451.93	7391.56	7247.90	4.18	ppb
Chromium	52-2	427.38	416.20	420.97	421.52	1.33	ppb
Cobalt	59-2	222.02	218.03	218.72	219.59	0.97	ppb
Copper	63-2	2697.14	2645.36	2685.66	2676.05	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				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	3227.50	3165.38	3198.66	3197.18	0.97	ppb
Iron	57-2	3239.79	3125.92	3138.85	3168.18	1.97	ppb
Krypton	83-1						cps
Lead	206-1	984.68	1099.66	1041.32	1041.89	5.52	ppb
Lead	207-1	966.78	1086.47	1020.07	1024.44	5.85	ppb
Lead	208-1	981.52	1097.40	1033.61	1037.51	5.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	3259.46	3223.06	3204.43	3228.98	0.87	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	220.62	214.76	217.53	217.64	1.35	ppb
Molybdenum	94-1	272.60	301.99	290.52	288.37	5.14	ppb
Molybdenum	95-1	394.03	438.82	422.96	418.60	5.43	ppb
Molybdenum	96-1	383.84	424.26	408.96	405.69	5.03	ppb
Molybdenum	97-1	384.19	426.82	409.41	406.80	5.27	ppb
Molybdenum	98-1	398.93	445.03	423.86	422.61	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	597.13	580.63	593.03	590.26	1.45	ppb
Phosphorus	31-2	7335.90	5821.87	6582.56	6580.11	11.50	ppb
Potassium	39-2	9991.90	9770.90	9876.01	9879.60	1.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	2134.04	1990.07	1851.30	1991.80	7.10	ppb
Selenium	78-2	2034.13	1917.41	2005.25	1985.60	3.06	ppb
Selenium	82-1	1971.97	2179.74	2082.66	2078.13	5.00	ppb
Silicon	28-1	1716.82	1866.51	1832.64	1805.32	4.35	ppb
Silver	109-1	72.37	79.85	76.82	76.35	4.93	ppb
Silver	107-1	72.74	80.10	76.48	76.44	4.82	ppb
Sodium	23-2	13590.02	13441.76	13523.52	13518.43	0.55	ppb
Strontium	86-1	210.75	232.44	222.86	222.02	4.90	ppb
Strontium	88-1	216.04	240.37	226.77	227.73	5.35	ppb
Sulfur	34-1	-2016.07	-916.06	-1181.04	-1371.06		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	1939.45	2164.99	2054.89	2053.11	5.49	ppb
Thallium	205-1	1974.29	2188.95	2080.86	2081.37	5.16	ppb
Tin	118-1	939.04	1054.38	992.34	995.25	5.80	ppb
Titanium	47-1	198.08	215.52	210.42	208.01	4.31	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.63	ppb
Vanadium	51-2	318.97	308.90	311.53	313.13	1.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	3033.59	2979.85	3024.22	3012.55	0.95	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.03	0.99	0.73	0.92	17.87	ppb
Zirconium	91-1	1.15	1.23	0.96	1.12	12.48	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2090.44	1877.61	1971.27	1979.77	5.39	ppb
Antimony	121-1	703.40	698.73	700.17	700.77	0.34	ppb
Arsenic	75-2	830.59	780.89	796.56	802.68	3.17	ppb
Barium	135-1	212.01	212.67	211.49	212.06	0.28	ppb
Barium	137-1	216.35	215.74	215.51	215.86	0.20	ppb
Beryllium	9-1	198.15	194.22	193.11	195.16	1.36	ppb
Bismuth	209-1				122		%
Bismuth	209-2				108		%
Boron	10-1	306.14	306.58	296.93	303.22	1.80	ppb
Boron	11-1	291.59	297.16	297.61	295.45	1.14	ppb
Cadmium	111-1	196.01	195.49	193.72	195.07	0.62	ppb
Cadmium	106-1	163.79	164.75	159.16	162.57	1.84	ppb
Cadmium	108-1	178.82	178.33	177.91	178.35	0.26	ppb
Calcium	43-1	6868.26	6764.83	6843.02	6825.37	0.79	ppb
Calcium	44-1	6930.32	6944.21	6916.64	6930.39	0.20	ppb
Chromium	52-2	458.17	420.50	421.86	433.51	4.93	ppb
Cobalt	59-2	237.19	218.65	218.35	224.73	4.80	ppb
Copper	63-2	2868.32	2691.33	2671.48	2743.71	3.95	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				113		%
Indium	115-2				93		%
Iron	56-2	3445.84	3197.91	3193.52	3279.09	4.40	ppb
Iron	57-2	3411.03	3201.36	3095.73	3236.04	4.96	ppb
Krypton	83-1						cps
Lead	206-1	985.91	988.52	982.36	985.60	0.31	ppb
Lead	207-1	977.81	975.96	966.14	973.30	0.64	ppb
Lead	208-1	987.14	985.30	979.15	983.86	0.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	3499.97	3094.08	3230.74	3274.93	6.31	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	231.40	220.44	219.39	223.74	2.97	ppb
Molybdenum	94-1	272.99	273.92	273.39	273.43	0.17	ppb
Molybdenum	95-1	393.00	395.26	391.03	393.10	0.54	ppb
Molybdenum	96-1	384.26	385.22	386.04	385.18	0.23	ppb
Molybdenum	97-1	385.07	386.74	385.03	385.61	0.25	ppb
Molybdenum	98-1	395.66	401.34	393.32	396.78	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	637.42	588.94	595.07	607.14	4.35	ppb
Phosphorus	31-2	6202.23	5574.03	6797.08	6191.12	9.88	ppb
Potassium	39-2	10859.23	9908.77	9819.73	10195.91	5.65	ppb
Rhodium	103-1				113		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				88		%
Selenium	77-2	2219.74	2024.44	1950.14	2064.77	6.74	ppb
Selenium	78-2	2103.09	1921.00	2027.55	2017.21	4.54	ppb
Selenium	82-1	1976.46	1990.01	1969.29	1978.58	0.53	ppb
Silicon	28-1	1724.45	1687.89	1717.04	1709.79	1.13	ppb
Silver	109-1	73.60	72.79	72.33	72.91	0.88	ppb
Silver	107-1	72.95	72.60	72.46	72.67	0.35	ppb
Sodium	23-2	14588.03	13604.68	13552.56	13915.09	4.19	ppb
Strontium	86-1	211.33	210.72	209.32	210.46	0.49	ppb
Strontium	88-1	217.03	221.20	215.85	218.03	1.29	ppb
Sulfur	34-1	-2317.09	-2560.09	-2332.08	-2403.09		ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	1947.43	1933.93	1940.74	1940.70	0.35	ppb
Thallium	205-1	1968.65	1963.24	1964.21	1965.37	0.15	ppb
Tin	118-1	948.24	947.68	940.80	945.57	0.44	ppb
Titanium	47-1	197.09	196.43	198.55	197.35	0.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.03	ppb
Vanadium	51-2	333.64	312.51	311.52	319.22	3.91	ppb
Yttrium	89-1				111		%
Yttrium	89-2				94		%
Zinc	66-2	3258.49	3033.86	3042.55	3111.63	4.09	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.43	0.37	0.34	0.38	12.32	ppb
Zirconium	91-1	0.58	0.66	0.55	0.60	9.65	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48349.38	49285.53	49926.09	49187.00	1.61	ppb
Antimony	121-1	475.69	486.03	476.42	479.38	1.20	ppb
Arsenic	75-2	499.99	488.26	503.13	497.13	1.58	ppb
Barium	135-1	2472.44	2524.73	2473.96	2490.38	1.20	ppb
Barium	137-1	2450.92	2513.80	2440.87	2468.53	1.60	ppb
Beryllium	9-1	503.58	505.48	510.59	506.55	0.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	510.26	530.03	535.81	525.37	2.55	ppb
Boron	11-1	506.34	522.58	535.75	521.55	2.82	ppb
Cadmium	111-1	475.10	479.45	473.78	476.11	0.62	ppb
Cadmium	106-1	474.92	488.92	476.29	480.04	1.61	ppb
Cadmium	108-1	466.77	483.24	480.12	476.71	1.84	ppb
Calcium	43-1	229104.91	230603.72	230892.30	230200.31	0.42	ppb
Calcium	44-1	228891.29	231761.87	230510.21	230387.79	0.62	ppb
Chromium	52-2	536.72	538.57	544.56	539.95	0.76	ppb
Cobalt	59-2	523.26	523.01	526.37	524.21	0.36	ppb
Copper	63-2	1027.39	1023.04	1034.82	1028.42	0.58	ppb
Dysprosium	156-1						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				103		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	128669.79	128458.78	128804.95	128644.50	0.14	ppb
Iron	57-2	125670.28	125321.40	126265.30	125752.33	0.38	ppb
Krypton	83-1						cps
Lead	206-1	512.07	514.88	519.80	515.58	0.76	ppb
Lead	207-1	520.38	519.47	517.92	519.26	0.24	ppb
Lead	208-1	514.78	512.60	516.98	514.79	0.43	ppb
Lithium	6-1				92		%
Magnesium	24-2	251520.64	250994.26	251700.32	251405.07	0.15	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1039.88	1035.79	1045.63	1040.43	0.47	ppb
Molybdenum	94-1	2535.22	2553.10	2534.67	2540.99	0.41	ppb
Molybdenum	95-1	2520.78	2565.70	2535.46	2540.65	0.90	ppb
Molybdenum	96-1	2537.90	2555.49	2572.14	2555.17	0.67	ppb
Molybdenum	97-1	2537.18	2568.92	2560.37	2555.49	0.64	ppb
Molybdenum	98-1	2523.63	2559.25	2521.63	2534.84	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.73	531.09	537.70	532.17	0.95	ppb
Phosphorus	31-2	10644.63	10657.57	11138.21	10813.47	2.60	ppb
Potassium	39-2	118397.97	120192.05	119762.18	119450.73	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	493.97	371.22	500.64	455.27	16.01	ppb
Selenium	78-2	458.86	507.03	505.96	490.62	5.61	ppb
Selenium	82-1	485.31	484.53	486.22	485.36	0.17	ppb
Silicon	28-1	490.66	506.26	506.31	501.08	1.80	ppb
Silver	109-1	482.94	486.53	483.63	484.37	0.39	ppb
Silver	107-1	481.06	491.16	485.04	485.76	1.05	ppb
Sodium	23-2	251635.44	252823.17	254187.42	252882.01	0.50	ppb
Strontium	86-1	492.50	498.16	497.33	496.00	0.62	ppb
Strontium	88-1	509.36	507.69	503.83	506.96	0.56	ppb
Sulfur	34-1	8356.10	8666.75	8457.35	8493.40	1.87	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	510.59	514.52	518.85	514.66	0.80	ppb
Thallium	205-1	504.80	515.15	515.52	511.83	1.19	ppb
Tin	118-1	494.26	503.47	494.86	497.53	1.04	ppb
Titanium	47-1	2517.85	2548.07	2512.06	2525.99	0.77	ppb
Uranium	238-1	512.65	514.94	515.75	514.45	0.31	ppb
Vanadium	51-2	527.18	519.09	530.89	525.72	1.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	1014.92	1025.79	1016.71	1019.14	0.57	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.86	503.07	505.49	506.14	0.68	ppb
Zirconium	91-1	499.29	498.87	499.11	499.09	0.04	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.97	10.93	1.26	6.39	76.13	ppb
Antimony	121-1	1.34	1.28	1.10	1.24	10.04	ppb
Arsenic	75-2	0.01	0.15	0.09	0.08	83.71	ppb
Barium	135-1	0.15	0.08	0.10	0.11	36.08	ppb
Barium	137-1	0.14	0.12	0.10	0.12	13.46	ppb
Beryllium	9-1	0.28	0.27	0.20	0.25	18.31	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Boron	10-1	25.05	24.61	23.82	24.49	2.53	ppb
Boron	11-1	24.80	23.99	21.30	23.36	7.86	ppb
Cadmium	111-1	-0.13	-0.15	-0.18	-0.15		ppb
Cadmium	106-1	-2.98	-2.70	-3.22	-2.97		ppb
Cadmium	108-1	0.11	0.17	0.02	0.10	79.07	ppb
Calcium	43-1	1.33	5.79	8.42	5.18	69.26	ppb
Calcium	44-1	1.30	-1.28	-2.69	-0.89		ppb
Chromium	52-2	-0.19	-0.09	-0.09	-0.12		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.17	0.16	0.09	0.14	30.01	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				116		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	5.14	5.42	4.31	4.95	11.69	ppb
Iron	57-2	4.76	7.62	2.55	4.98	51.07	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	30.97	ppb
Lead	207-1	0.05	0.06	0.03	0.05	37.26	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.22	ppb
Lithium	6-1				103		%
Magnesium	24-2	10.73	13.30	7.56	10.53	27.29	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.03	-0.01	-0.03		ppb
Molybdenum	94-1	1.14	0.96	0.88	0.99	13.67	ppb
Molybdenum	95-1	1.43	1.19	1.10	1.24	13.89	ppb
Molybdenum	96-1	1.29	1.17	1.03	1.16	11.26	ppb
Molybdenum	97-1	1.43	1.27	1.19	1.29	9.32	ppb
Molybdenum	98-1	1.37	1.22	1.10	1.23	11.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.05	-0.03	-0.01		ppb
Phosphorus	31-2	6.93	7.42	6.63	6.99	5.73	ppb
Potassium	39-2	28.24	-1.61	22.85	16.49	96.44	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	1.19	0.00	0.00	0.40	173.21	ppb
Selenium	82-1	0.49	0.37	-0.17	0.23	154.15	ppb
Silicon	28-1	-15.54	-14.35	-15.59	-15.16		ppb
Silver	109-1	0.08	0.06	0.06	0.06	18.80	ppb
Silver	107-1	0.06	0.09	0.06	0.07	20.95	ppb
Sodium	23-2	56.32	63.80	52.82	57.64	9.73	ppb
Strontium	86-1	0.01	0.01	-0.03	0.00		ppb
Strontium	88-1	0.03	0.03	0.02	0.03	30.00	ppb
Sulfur	34-1	-2491.61	-2507.39	-2375.77	-2458.26		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.19	0.16	0.15	0.16	14.54	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.66	ppb
Tin	118-1	0.45	0.48	0.39	0.44	9.80	ppb
Titanium	47-1	0.31	0.24	0.18	0.24	26.27	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	16.04	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	31.95	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	0.16	0.24	-0.09	0.11	161.05	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.08	0.07	0.09	22.40	ppb
Zirconium	91-1	0.08	0.10	0.09	0.09	9.27	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1835.81	1952.17	1794.70	1860.89	4.39	ppb
Antimony	121-1	766.09	717.27	721.45	734.94	3.68	ppb
Arsenic	75-2	780.86	795.34	794.39	790.19	1.03	ppb
Barium	135-1	224.61	216.02	214.39	218.34	2.51	ppb
Barium	137-1	229.48	215.83	219.60	221.64	3.18	ppb
Beryllium	9-1	206.28	194.40	200.41	200.36	2.96	ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	312.77	292.96	314.54	306.76	3.91	ppb
Boron	11-1	299.85	293.73	307.31	300.30	2.26	ppb
Cadmium	111-1	205.36	196.77	197.60	199.91	2.37	ppb
Cadmium	106-1	169.78	164.19	165.28	166.42	1.78	ppb
Cadmium	108-1	184.15	178.38	183.64	182.06	1.75	ppb
Calcium	43-1	7186.48	6704.00	6823.76	6904.75	3.64	ppb
Calcium	44-1	7175.09	6814.94	6862.21	6950.75	2.82	ppb
Chromium	52-2	416.36	423.73	430.92	423.67	1.72	ppb
Cobalt	59-2	212.72	220.00	223.07	218.60	2.43	ppb
Copper	63-2	2626.98	2657.66	2722.02	2668.89	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				98		%
Iron	56-2	3146.98	3224.67	3252.34	3208.00	1.70	ppb
Iron	57-2	3019.92	3175.38	3157.48	3117.59	2.73	ppb
Krypton	83-1						cps
Lead	206-1	1049.09	993.03	995.10	1012.41	3.14	ppb
Lead	207-1	1027.99	972.38	968.52	989.63	3.36	ppb
Lead	208-1	1036.14	982.51	987.07	1001.91	2.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	3141.43	3266.99	3166.93	3191.78	2.08	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	216.34	219.23	223.17	219.58	1.56	ppb
Molybdenum	94-1	292.82	277.94	276.69	282.48	3.18	ppb
Molybdenum	95-1	418.67	405.72	399.52	407.97	2.40	ppb
Molybdenum	96-1	402.35	392.30	388.81	394.49	1.78	ppb
Molybdenum	97-1	405.57	392.55	389.96	396.03	2.11	ppb
Molybdenum	98-1	421.83	400.83	400.41	407.69	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.69	591.70	600.66	591.01	1.69	ppb
Phosphorus	31-2	7195.96	7295.01	6398.01	6962.99	7.06	ppb
Potassium	39-2	9956.84	9907.13	10191.90	10018.62	1.52	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	2028.25	2117.68	1821.83	1989.25	7.63	ppb
Selenium	78-2	2006.35	2119.22	1922.59	2016.06	4.89	ppb
Selenium	82-1	2093.89	2013.04	1994.64	2033.86	2.60	ppb
Silicon	28-1	1860.86	1708.48	1688.78	1752.71	5.37	ppb
Silver	109-1	76.88	73.38	73.63	74.63	2.62	ppb
Silver	107-1	77.45	73.15	74.50	75.04	2.93	ppb
Sodium	23-2	13413.72	13641.86	13870.31	13641.97	1.67	ppb
Strontium	86-1	224.03	214.05	211.93	216.67	2.98	ppb
Strontium	88-1	230.54	218.33	219.74	222.87	3.00	ppb
Sulfur	34-1	-1637.20	-2237.93	-2379.50	-2084.87		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	2043.95	1943.07	1949.63	1978.88	2.85	ppb
Thallium	205-1	2076.50	1986.22	1971.68	2011.47	2.82	ppb
Tin	118-1	1010.09	944.96	952.78	969.28	3.67	ppb
Titanium	47-1	206.71	195.27	197.83	199.94	3.00	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	12.29	ppb
Vanadium	51-2	306.61	311.06	315.93	311.20	1.50	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	2977.49	3027.97	3093.68	3033.05	1.92	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.01	1.37	1.11	1.50	30.75	ppb
Zirconium	91-1	2.21	1.54	1.29	1.68	28.11	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.07	49.91	54.28	51.09	5.48	ppb
Antimony	121-1	3.02	2.88	2.68	2.86	5.92	ppb
Arsenic	75-2	0.27	0.33	0.33	0.31	11.53	ppb
Barium	135-1	15.68	14.86	15.36	15.30	2.69	ppb
Barium	137-1	15.85	15.39	15.65	15.63	1.47	ppb
Beryllium	9-1	0.21	0.17	0.20	0.19	12.06	ppb
Bismuth	209-1				122		%
Bismuth	209-2				111		%
Boron	10-1	29.58	24.88	26.53	26.99	8.83	ppb
Boron	11-1	26.32	26.93	25.33	26.19	3.08	ppb
Cadmium	111-1	-0.17	-0.34	-0.24	-0.25		ppb
Cadmium	106-1	-3.18	-5.17	-3.85	-4.07		ppb
Cadmium	108-1	0.07	0.13	0.25	0.15	60.85	ppb
Calcium	43-1	5150.25	5192.38	5266.44	5203.02	1.13	ppb
Calcium	44-1	5403.56	5319.59	5320.19	5347.78	0.90	ppb
Chromium	52-2	1.66	1.70	1.61	1.66	2.88	ppb
Cobalt	59-2	0.69	0.59	0.71	0.66	9.54	ppb
Copper	63-2	509.23	519.78	525.67	518.22	1.61	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				120		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				99		%
Iron	56-2	62.00	61.07	63.63	62.23	2.08	ppb
Iron	57-2	50.93	69.10	64.33	61.46	15.32	ppb
Krypton	83-1						cps
Lead	206-1	3.48	3.44	3.53	3.48	1.29	ppb
Lead	207-1	3.29	3.32	3.30	3.30	0.57	ppb
Lead	208-1	3.43	3.42	3.38	3.41	0.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	1141.96	1149.56	1179.86	1157.12	1.73	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.90	12.66	14.64	13.73	7.28	ppb
Molybdenum	94-1	0.57	0.56	0.44	0.52	14.32	ppb
Molybdenum	95-1	0.64	0.57	0.56	0.59	7.50	ppb
Molybdenum	96-1	0.66	0.48	0.58	0.57	15.91	ppb
Molybdenum	97-1	0.54	0.64	0.49	0.56	13.53	ppb
Molybdenum	98-1	0.65	0.61	0.59	0.62	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.70	28.46	28.76	28.31	1.93	ppb
Phosphorus	31-2	630.34	269.55	533.25	477.72	39.08	ppb
Potassium	39-2	484.48	463.70	494.09	480.76	3.23	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	2.49	1.25	1.25	99.80	ppb
Selenium	82-1	0.72	0.30	-0.06	0.32	121.32	ppb
Silicon	28-1	839.16	787.53	799.59	808.76	3.34	ppb
Silver	109-1	0.11	0.10	0.10	0.10	9.23	ppb
Silver	107-1	0.09	0.10	0.10	0.09	4.53	ppb
Sodium	23-2	10115.36	10223.22	10294.37	10210.99	0.88	ppb
Strontium	86-1	19.96	19.81	19.51	19.76	1.16	ppb
Strontium	88-1	20.13	19.68	19.83	19.88	1.15	ppb
Sulfur	34-1	-2428.97	-2449.03	-2321.88	-2399.96		ppb
Terbium	159-1				119		%
Terbium	159-2				109		%
Thallium	203-1	0.31	0.27	0.27	0.29	8.63	ppb
Thallium	205-1	0.29	0.28	0.26	0.28	5.12	ppb
Tin	118-1	73.02	72.18	74.14	73.11	1.34	ppb
Titanium	47-1	0.26	0.26	0.28	0.27	3.24	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.65	ppb
Vanadium	51-2	0.11	0.10	0.11	0.11	6.68	ppb
Yttrium	89-1				112		%
Yttrium	89-2				97		%
Zinc	66-2	933.95	944.69	960.31	946.32	1.40	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.06	0.05	21.93	ppb
Zirconium	91-1	0.06	0.06	0.05	0.05	15.67	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.08	14.70	30.37	27.72	42.98	ppb
Antimony	121-1	1.11	1.09	1.09	1.10	1.11	ppb
Arsenic	75-2	0.18	0.51	0.19	0.29	64.42	ppb
Barium	135-1	16.45	16.60	16.50	16.52	0.46	ppb
Barium	137-1	16.79	16.47	16.54	16.60	1.00	ppb
Beryllium	9-1	0.14	0.11	0.11	0.12	15.33	ppb
Bismuth	209-1				122		%
Bismuth	209-2				109		%
Boron	10-1	17.65	18.36	16.46	17.49	5.48	ppb
Boron	11-1	17.32	17.61	16.46	17.13	3.52	ppb
Cadmium	111-1	-0.33	-0.26	-0.37	-0.32		ppb
Cadmium	106-1	-4.64	-3.57	-5.22	-4.48		ppb
Cadmium	108-1	0.41	0.62	0.44	0.49	23.05	ppb
Calcium	43-1	5256.06	5268.94	5344.74	5289.91	0.91	ppb
Calcium	44-1	5423.42	5355.08	5348.51	5375.67	0.77	ppb
Chromium	52-2	1.10	1.29	1.03	1.14	11.90	ppb
Cobalt	59-2	0.14	0.14	0.12	0.13	10.30	ppb
Copper	63-2	3632.23	3873.42	3611.15	3705.60	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				96		%
Iron	56-2	22.54	24.19	22.43	23.05	4.27	ppb
Iron	57-2	19.29	19.15	10.81	16.42	29.56	ppb
Krypton	83-1						cps
Lead	206-1	1.62	1.64	1.65	1.64	0.82	ppb
Lead	207-1	1.51	1.52	1.52	1.52	0.34	ppb
Lead	208-1	1.59	1.60	1.59	1.59	0.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	1200.36	1225.39	1149.89	1191.88	3.23	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.00	14.14	13.06	13.73	4.28	ppb
Molybdenum	94-1	0.21	0.22	0.21	0.21	2.29	ppb
Molybdenum	95-1	0.20	0.22	0.22	0.22	5.03	ppb
Molybdenum	96-1	0.25	0.25	0.20	0.23	12.51	ppb
Molybdenum	97-1	0.18	0.20	0.27	0.22	20.93	ppb
Molybdenum	98-1	0.26	0.23	0.20	0.23	14.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.45	58.73	53.80	55.99	4.48	ppb
Phosphorus	31-2	196.88	294.18	276.17	255.74	20.24	ppb
Potassium	39-2	479.31	581.06	520.64	527.01	9.71	ppb
Rhodium	103-1				114		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				88		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	0.53	0.31	-0.28	0.19	225.65	ppb
Silicon	28-1	855.38	859.40	851.16	855.31	0.48	ppb
Silver	109-1	0.10	0.08	0.09	0.09	8.21	ppb
Silver	107-1	0.09	0.08	0.09	0.09	7.17	ppb
Sodium	23-2	10542.25	11290.38	10478.49	10770.37	4.19	ppb
Strontium	86-1	19.57	19.82	19.73	19.71	0.63	ppb
Strontium	88-1	20.58	20.34	20.01	20.31	1.41	ppb
Sulfur	34-1	-2449.72	-2327.20	-2210.03	-2328.98		ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.12	0.10	0.10	13.92	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	3.36	ppb
Tin	118-1	314.30	319.91	313.44	315.88	1.11	ppb
Titanium	47-1	0.22	0.34	0.38	0.31	26.70	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.97	ppb
Vanadium	51-2	0.04	0.11	0.11	0.09	44.29	ppb
Yttrium	89-1				112		%
Yttrium	89-2				94		%
Zinc	66-2	2003.76	2132.96	2012.33	2049.69	3.52	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.04	0.04	22.71	ppb
Zirconium	91-1	0.00	0.04	0.04	0.03	100.21	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.92	17.84	32.46	22.07	40.97	ppb
Antimony	121-1	1.44	1.49	1.59	1.51	5.19	ppb
Arsenic	75-2	0.30	0.13	0.22	0.21	40.02	ppb
Barium	135-1	15.57	16.22	17.52	16.44	6.03	ppb
Barium	137-1	15.66	15.94	17.52	16.37	6.13	ppb
Beryllium	9-1	0.16	0.13	0.08	0.12	31.04	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Boron	10-1	12.86	15.71	15.84	14.80	11.35	ppb
Boron	11-1	14.29	13.99	15.96	14.75	7.22	ppb
Cadmium	111-1	-0.30	-0.43	-0.26	-0.33		ppb
Cadmium	106-1	-3.56	-5.01	-2.78	-3.78		ppb
Cadmium	108-1	1.21	1.57	2.02	1.60	25.15	ppb
Calcium	43-1	5342.23	5384.95	5833.14	5520.11	4.93	ppb
Calcium	44-1	5519.25	5475.06	5975.96	5656.75	4.90	ppb
Chromium	52-2	0.11	0.16	-0.01	0.09	99.54	ppb
Cobalt	59-2	0.70	0.69	0.72	0.70	1.81	ppb
Copper	63-2	898.40	881.66	889.53	889.86	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	20.07	18.24	17.72	18.68	6.62	ppb
Iron	57-2	27.88	16.54	19.64	21.35	27.44	ppb
Krypton	83-1						cps
Lead	206-1	8.77	9.03	9.61	9.14	4.74	ppb
Lead	207-1	8.31	8.37	9.06	8.58	4.82	ppb
Lead	208-1	8.56	8.68	9.34	8.86	4.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	1198.05	1185.02	1173.52	1185.53	1.04	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.12	13.47	11.80	12.80	6.86	ppb
Molybdenum	94-1	0.30	0.24	0.31	0.28	13.09	ppb
Molybdenum	95-1	0.18	0.18	0.19	0.19	3.15	ppb
Molybdenum	96-1	0.25	0.18	0.28	0.24	20.48	ppb
Molybdenum	97-1	0.17	0.23	0.28	0.23	25.57	ppb
Molybdenum	98-1	0.23	0.20	0.26	0.23	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1819.81	1772.20	1789.62	1793.88	1.34	ppb
Phosphorus	31-2	48.13	47.52	124.16	73.27	60.15	ppb
Potassium	39-2	557.75	518.35	511.72	529.27	4.70	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	5.37	-2.61	-2.61	0.05	9235.51	ppb
Selenium	78-2	0.00	1.26	1.27	0.84	86.60	ppb
Selenium	82-1	-0.03	0.28	0.17	0.14	114.53	ppb
Silicon	28-1	830.65	820.11	900.55	850.43	5.14	ppb
Silver	109-1	0.17	0.17	0.18	0.17	4.19	ppb
Silver	107-1	0.15	0.16	0.18	0.17	11.07	ppb
Sodium	23-2	10493.54	10306.52	10458.77	10419.61	0.95	ppb
Strontium	86-1	19.50	20.40	21.75	20.55	5.52	ppb
Strontium	88-1	20.50	20.60	22.46	21.19	5.21	ppb
Sulfur	34-1	-2120.45	-1945.17	-835.88	-1633.83		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.08	0.11	0.09	25.39	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	7.43	ppb
Tin	118-1	124.63	126.09	138.32	129.68	5.80	ppb
Titanium	47-1	0.35	0.24	0.13	0.24	44.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.13	ppb
Vanadium	51-2	0.08	0.06	0.04	0.06	27.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	7656.74	7510.14	7549.68	7572.19	1.00	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.05	0.05	17.50	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	4.81	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.13	32.64	22.06	29.61	22.23	ppb
Antimony	121-1	1.43	1.68	1.51	1.54	8.27	ppb
Arsenic	75-2	0.39	0.63	0.30	0.44	38.39	ppb
Barium	135-1	17.22	19.42	17.50	18.05	6.65	ppb
Barium	137-1	17.13	19.34	17.54	18.00	6.54	ppb
Beryllium	9-1	0.04	0.07	0.07	0.06	28.40	ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Boron	10-1	15.05	16.16	16.49	15.90	4.74	ppb
Boron	11-1	14.76	16.25	14.60	15.20	5.98	ppb
Cadmium	111-1	-0.22	-0.25	-0.30	-0.26		ppb
Cadmium	106-1	-3.23	-3.89	-4.65	-3.92		ppb
Cadmium	108-1	0.67	0.50	0.34	0.50	32.96	ppb
Calcium	43-1	5282.73	5787.27	5489.78	5519.93	4.59	ppb
Calcium	44-1	5376.50	5981.29	5536.10	5631.30	5.57	ppb
Chromium	52-2	0.26	0.32	0.22	0.27	18.89	ppb
Cobalt	59-2	0.17	0.14	0.18	0.16	11.19	ppb
Copper	63-2	2922.14	2996.82	2928.60	2949.19	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				96		%
Iron	56-2	43.60	42.52	39.54	41.89	5.02	ppb
Iron	57-2	44.36	52.27	37.16	44.60	16.95	ppb
Krypton	83-1						cps
Lead	206-1	3.01	3.36	3.14	3.17	5.61	ppb
Lead	207-1	2.87	3.01	2.91	2.93	2.45	ppb
Lead	208-1	2.93	3.19	3.04	3.05	4.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	1229.03	1199.60	1152.83	1193.82	3.22	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.27	24.26	23.90	24.14	0.86	ppb
Molybdenum	94-1	0.21	0.20	0.20	0.20	1.28	ppb
Molybdenum	95-1	0.11	0.12	0.12	0.12	3.66	ppb
Molybdenum	96-1	0.12	0.19	0.16	0.16	20.76	ppb
Molybdenum	97-1	0.12	0.12	0.14	0.13	9.79	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1784.65	1810.79	1785.07	1793.50	0.83	ppb
Phosphorus	31-2	197.69	163.27	161.71	174.22	11.67	ppb
Potassium	39-2	490.82	523.83	498.04	504.23	3.44	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	-2.61	-2.61	13.54	2.77	336.26	ppb
Selenium	78-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	0.27	0.73	-0.90	0.04	2324.96	ppb
Silicon	28-1	882.10	968.29	912.84	921.08	4.74	ppb
Silver	109-1	0.10	0.11	0.13	0.11	15.75	ppb
Silver	107-1	0.10	0.12	0.12	0.11	7.96	ppb
Sodium	23-2	10481.85	10665.41	10465.59	10537.62	1.05	ppb
Strontium	86-1	20.43	22.60	20.81	21.28	5.45	ppb
Strontium	88-1	20.84	22.88	21.27	21.66	4.97	ppb
Sulfur	34-1	-2017.71	-940.23	-1662.28	-1540.07		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.57	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	13.97	ppb
Tin	118-1	471.88	526.10	483.19	493.72	5.79	ppb
Titanium	47-1	0.50	0.39	0.45	0.45	13.15	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	30.18	ppb
Vanadium	51-2	0.03	0.03	0.05	0.04	33.43	ppb
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	2622.95	2654.13	2613.67	2630.25	0.81	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.08	0.07	0.07	6.45	ppb
Zirconium	91-1	0.07	0.09	0.07	0.08	20.54	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.81	20.38	28.25	24.15	16.32	ppb
Antimony	121-1	0.50	0.54	0.51	0.52	3.48	ppb
Arsenic	75-2	0.51	0.34	0.28	0.38	32.38	ppb
Barium	135-1	16.20	15.87	15.98	16.02	1.06	ppb
Barium	137-1	15.94	15.94	15.97	15.95	0.12	ppb
Beryllium	9-1	0.06	0.09	0.10	0.08	21.01	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	10-1	12.45	12.39	13.88	12.91	6.52	ppb
Boron	11-1	12.02	11.81	11.71	11.84	1.32	ppb
Cadmium	111-1	-0.30	-0.29	-0.28	-0.29		ppb
Cadmium	106-1	-4.30	-4.38	-4.01	-4.23		ppb
Cadmium	108-1	-0.04	-0.10	-0.01	-0.05		ppb
Calcium	43-1	5239.63	5237.70	5322.98	5266.77	0.92	ppb
Calcium	44-1	5450.17	5370.36	5472.95	5431.16	0.99	ppb
Chromium	52-2	0.08	0.17	0.20	0.15	43.05	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	55.95	ppb
Copper	63-2	787.74	809.93	787.59	795.09	1.62	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				118		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				95		%
Iron	56-2	32.32	32.63	32.13	32.36	0.79	ppb
Iron	57-2	32.60	30.17	26.61	29.79	10.11	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.77	0.75	0.75	2.43	ppb
Lead	207-1	0.69	0.73	0.66	0.69	5.43	ppb
Lead	208-1	0.70	0.72	0.71	0.71	1.02	ppb
Lithium	6-1				100		%
Magnesium	24-2	1179.87	1177.62	1137.16	1164.88	2.06	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.21	12.53	12.83	12.52	2.46	ppb
Molybdenum	94-1	0.16	0.17	0.14	0.15	10.19	ppb
Molybdenum	95-1	0.08	0.06	0.15	0.10	46.57	ppb
Molybdenum	96-1	0.12	0.17	0.08	0.12	35.22	ppb
Molybdenum	97-1	0.10	0.09	0.06	0.08	20.40	ppb
Molybdenum	98-1	0.11	0.07	0.11	0.10	21.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.77	38.73	37.19	37.57	2.74	ppb
Phosphorus	31-2	571.50	861.04	617.07	683.20	22.79	ppb
Potassium	39-2	489.16	530.95	476.11	498.74	5.74	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				90		%
Selenium	77-2	-2.61	13.86	5.61	5.62	146.53	ppb
Selenium	78-2	0.00	1.29	0.00	0.43	173.21	ppb
Selenium	82-1	-0.08	-0.46	0.90	0.12	589.06	ppb
Silicon	28-1	815.50	808.87	833.21	819.19	1.54	ppb
Silver	109-1	0.05	0.08	0.08	0.07	22.86	ppb
Silver	107-1	0.05	0.06	0.06	0.06	8.49	ppb
Sodium	23-2	10347.54	10581.32	10345.35	10424.73	1.30	ppb
Strontium	86-1	19.63	19.77	19.91	19.77	0.69	ppb
Strontium	88-1	20.21	20.17	20.59	20.32	1.13	ppb
Sulfur	34-1	-1820.62	-2004.70	-1783.55	-1869.62		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.02	0.03	0.02	83.09	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.96	ppb
Tin	118-1	34.98	34.30	35.16	34.82	1.31	ppb
Titanium	47-1	0.56	0.36	0.65	0.53	28.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.37	ppb
Vanadium	51-2	0.12	0.09	0.11	0.11	14.95	ppb
Yttrium	89-1				109		%
Yttrium	89-2				93		%
Zinc	66-2	223.43	226.73	220.32	223.50	1.43	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.04	16.95	ppb
Zirconium	91-1	0.08	0.08	0.03	0.06	45.02	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.59	37.59	49.44	47.21	18.46	ppb
Antimony	121-1	1.06	1.02	1.09	1.06	3.02	ppb
Arsenic	75-2	0.60	0.47	0.69	0.59	19.20	ppb
Barium	135-1	17.25	16.91	17.70	17.29	2.30	ppb
Barium	137-1	17.80	17.71	17.86	17.79	0.43	ppb
Beryllium	9-1	0.09	0.09	0.05	0.08	27.60	ppb
Bismuth	209-1				121		%
Bismuth	209-2				107		%
Boron	10-1	12.88	12.15	12.46	12.49	2.92	ppb
Boron	11-1	10.91	12.19	11.84	11.65	5.69	ppb
Cadmium	111-1	-0.03	-0.12	-0.25	-0.13		ppb
Cadmium	106-1	-0.14	-0.83	-3.43	-1.47		ppb
Cadmium	108-1	3.17	3.68	3.14	3.33	9.20	ppb
Calcium	43-1	6719.36	6665.49	6615.29	6666.71	0.78	ppb
Calcium	44-1	6937.41	6831.98	6826.87	6865.42	0.91	ppb
Chromium	52-2	1.04	1.09	1.19	1.10	7.14	ppb
Cobalt	59-2	0.64	0.74	0.69	0.69	7.26	ppb
Copper	63-2	9170.29	9450.81	9700.58	9440.56	2.81	ppb
Dysprosium	156-1						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				105		%
Indium	115-1				111		%
Indium	115-2				90		%
Iron	56-2	50.70	54.41	54.15	53.09	3.90	ppb
Iron	57-2	43.21	46.82	56.76	48.93	14.34	ppb
Krypton	83-1						cps
Lead	206-1	58.14	58.31	58.35	58.27	0.19	ppb
Lead	207-1	54.67	54.03	54.60	54.43	0.64	ppb
Lead	208-1	56.74	56.26	56.80	56.60	0.52	ppb
Lithium	6-1				103		%
Magnesium	24-2	1353.07	1402.04	1430.46	1395.19	2.81	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.06	10.05	10.79	10.30	4.13	ppb
Molybdenum	94-1	0.25	0.16	0.17	0.19	24.59	ppb
Molybdenum	95-1	0.06	0.05	0.08	0.06	23.23	ppb
Molybdenum	96-1	0.08	0.11	0.10	0.10	14.87	ppb
Molybdenum	97-1	0.07	0.05	0.05	0.06	19.40	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	8.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	363.95	377.05	388.25	376.42	3.23	ppb
Phosphorus	31-2	197.76	128.25	92.15	139.38	38.51	ppb
Potassium	39-2	1270.07	1327.90	1354.38	1317.45	3.27	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				88		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	2.63	1.34	1.32	99.43	ppb
Selenium	82-1	-0.09	1.16	-0.12	0.31	233.73	ppb
Silicon	28-1	840.77	825.81	844.25	836.94	1.17	ppb
Silver	109-1	0.26	0.24	0.28	0.26	6.56	ppb
Silver	107-1	0.32	0.28	0.31	0.30	6.48	ppb
Sodium	23-2	13748.44	14186.01	14528.67	14154.37	2.76	ppb
Strontium	86-1	23.97	23.56	23.68	23.73	0.89	ppb
Strontium	88-1	24.22	23.81	24.18	24.07	0.94	ppb
Sulfur	34-1	-1399.80	-1559.03	-1488.90	-1482.58		ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	0.20	0.18	0.19	0.19	5.37	ppb
Thallium	205-1	0.19	0.21	0.20	0.20	5.10	ppb
Tin	118-1	1942.41	1935.45	1932.41	1936.76	0.26	ppb
Titanium	47-1	0.41	0.40	0.53	0.45	15.46	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	21.94	ppb
Vanadium	51-2	0.09	0.09	0.14	0.11	24.47	ppb
Yttrium	89-1				110		%
Yttrium	89-2				92		%
Zinc	66-2	16605.50	17105.39	17493.13	17068.00	2.61	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.08	0.10	16.44	ppb
Zirconium	91-1	0.09	0.14	0.11	0.11	24.85	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48561.95	49362.41	49792.05	49238.81	1.27	ppb
Antimony	121-1	465.34	473.54	477.85	472.24	1.35	ppb
Arsenic	75-2	491.12	502.40	499.96	497.83	1.19	ppb
Barium	135-1	2469.56	2477.84	2510.93	2486.11	0.88	ppb
Barium	137-1	2455.17	2463.77	2471.57	2463.50	0.33	ppb
Beryllium	9-1	507.58	495.91	504.52	502.67	1.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	498.51	497.97	514.74	503.74	1.89	ppb
Boron	11-1	492.57	490.83	507.91	497.11	1.89	ppb
Cadmium	111-1	465.53	470.36	470.89	468.92	0.63	ppb
Cadmium	106-1	462.89	470.88	463.39	465.72	0.96	ppb
Cadmium	108-1	471.67	468.89	475.44	472.00	0.70	ppb
Calcium	43-1	228149.80	231452.97	231446.45	230349.74	0.83	ppb
Calcium	44-1	228293.50	230128.74	229253.91	229225.38	0.40	ppb
Chromium	52-2	528.75	538.83	541.52	536.37	1.26	ppb
Cobalt	59-2	519.96	525.59	526.57	524.04	0.68	ppb
Copper	63-2	1011.92	1034.66	1034.76	1027.11	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	127191.98	129183.85	129685.90	128687.24	1.02	ppb
Iron	57-2	123074.70	125319.23	126267.54	124887.16	1.31	ppb
Krypton	83-1						cps
Lead	206-1	513.20	511.87	516.12	513.73	0.42	ppb
Lead	207-1	509.69	510.74	518.27	512.90	0.91	ppb
Lead	208-1	508.47	511.38	516.45	512.10	0.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	250123.83	252270.90	251642.75	251345.83	0.44	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.31	1029.29	1034.47	1022.02	1.69	ppb
Molybdenum	94-1	2517.74	2524.49	2557.96	2533.40	0.85	ppb
Molybdenum	95-1	2525.79	2526.20	2541.42	2531.14	0.35	ppb
Molybdenum	96-1	2521.15	2539.65	2568.08	2542.96	0.93	ppb
Molybdenum	97-1	2513.36	2558.25	2589.76	2553.79	1.50	ppb
Molybdenum	98-1	2506.03	2541.63	2536.31	2527.99	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.42	539.66	536.61	533.56	1.51	ppb
Phosphorus	31-2	10718.26	11234.67	11956.81	11303.25	5.50	ppb
Potassium	39-2	117309.02	119009.41	119304.18	118540.87	0.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	464.76	421.55	526.51	470.94	11.20	ppb
Selenium	78-2	480.92	528.79	494.51	501.41	4.92	ppb
Selenium	82-1	478.21	479.00	481.36	479.52	0.34	ppb
Silicon	28-1	488.96	496.55	506.24	497.25	1.74	ppb
Silver	109-1	475.99	482.58	486.73	481.77	1.12	ppb
Silver	107-1	472.42	481.17	483.55	479.04	1.22	ppb
Sodium	23-2	248700.26	252522.80	254695.91	251972.99	1.20	ppb
Strontium	86-1	490.66	493.76	497.39	493.94	0.68	ppb
Strontium	88-1	501.57	502.74	505.97	503.43	0.45	ppb
Sulfur	34-1	8307.96	8662.60	8421.68	8464.08	2.14	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	510.39	508.50	513.23	510.71	0.47	ppb
Thallium	205-1	505.34	511.56	510.34	509.08	0.65	ppb
Tin	118-1	490.11	499.69	494.83	494.88	0.97	ppb
Titanium	47-1	2487.34	2507.27	2481.36	2491.99	0.54	ppb
Uranium	238-1	509.17	509.77	520.55	513.16	1.25	ppb
Vanadium	51-2	515.04	520.42	524.30	519.92	0.89	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	1000.70	1021.32	1030.53	1017.52	1.50	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.98	505.03	507.83	504.95	0.58	ppb
Zirconium	91-1	495.44	498.27	498.62	497.44	0.35	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.46	7.28	5.46	6.06	17.33	ppb
Antimony	121-1	1.06	0.92	0.85	0.94	11.11	ppb
Arsenic	75-2	0.16	-0.02	0.07	0.07	125.61	ppb
Barium	135-1	0.09	0.11	0.07	0.09	26.21	ppb
Barium	137-1	0.06	0.05	0.07	0.06	21.23	ppb
Beryllium	9-1	0.23	0.23	0.24	0.23	3.41	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	22.02	17.65	18.89	19.52	11.54	ppb
Boron	11-1	20.69	18.70	16.80	18.73	10.38	ppb
Cadmium	111-1	-0.21	-0.22	-0.25	-0.23		ppb
Cadmium	106-1	-3.75	-3.47	-4.13	-3.78		ppb
Cadmium	108-1	0.11	0.11	-0.01	0.07	98.73	ppb
Calcium	43-1	-2.63	-0.55	7.16	1.32	389.55	ppb
Calcium	44-1	-1.11	-1.19	0.07	-0.74		ppb
Chromium	52-2	-0.06	-0.12	-0.02	-0.07		ppb
Cobalt	59-2	-0.01	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.32	0.23	0.19	0.25	26.15	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				113		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	5.13	4.20	3.79	4.38	15.63	ppb
Iron	57-2	9.38	3.43	5.35	6.05	50.16	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	1292.30	ppb
Lead	207-1	0.02	0.01	0.01	0.01	63.21	ppb
Lead	208-1	0.01	0.01	0.01	0.01	19.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	11.05	12.61	9.83	11.16	12.46	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.02	-0.13	-0.02		ppb
Molybdenum	94-1	0.93	0.78	0.79	0.83	10.41	ppb
Molybdenum	95-1	1.11	0.98	0.91	1.00	9.99	ppb
Molybdenum	96-1	1.19	0.99	0.85	1.01	16.74	ppb
Molybdenum	97-1	1.13	1.07	0.93	1.04	9.96	ppb
Molybdenum	98-1	1.12	0.97	0.91	1.00	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.01	-0.01		ppb
Phosphorus	31-2	-27.99	-27.99	-27.99	-27.99		ppb
Potassium	39-2	30.33	3.08	8.76	14.06	102.27	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	-2.61	-2.61	-2.61	-2.61		ppb
Selenium	78-2	0.00	1.24	1.24	0.83	86.60	ppb
Selenium	82-1	0.25	-0.07	0.02	0.07	237.35	ppb
Silicon	28-1	-11.24	-11.62	-12.62	-11.83		ppb
Silver	109-1	0.06	0.06	0.04	0.05	20.01	ppb
Silver	107-1	0.06	0.06	0.05	0.05	9.21	ppb
Sodium	23-2	51.49	51.51	55.31	52.77	4.17	ppb
Strontium	86-1	0.07	-0.01	-0.01	0.02	304.09	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	20.45	ppb
Sulfur	34-1	-2402.26	-2331.14	-2291.70	-2341.70		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.08	0.05	0.08	38.10	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	15.06	ppb
Tin	118-1	0.62	0.55	0.53	0.57	8.41	ppb
Titanium	47-1	0.19	0.06	0.15	0.13	47.77	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	11.54	ppb
Vanadium	51-2	0.03	0.03	0.02	0.02	19.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	0.58	0.44	0.58	0.53	14.57	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.06	0.06	6.42	ppb
Zirconium	91-1	0.09	0.05	0.05	0.07	35.80	ppb

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	75	83	83	81	5.98	cps
Arsenic	75-2	2	0	7	3	124.95	cps
Barium	135-1	67	67	33	56	34.65	cps
Barium	137-1	92	67	108	89	23.59	cps
Beryllium	9-1	50	50	17	39	49.48	cps
Bismuth	209-1	8726045	8912703	8890196	8842981	1.15	cps
Bismuth	209-2	2205000	2296471	2307137	2269536	2.47	cps
Boron	10-1	183	175	167	175	4.76	cps
Boron	11-1	767	858	883	836	7.35	cps
Cadmium	111-1	2217	1995	2011	2074	5.97	cps
Cadmium	106-1	3176	2859	2875	2970	6.00	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	692	575	658	642	9.36	cps
Calcium	44-1	17920	17979	18355	18085	1.30	cps
Chromium	52-2	403	490	467	453	9.89	cps
Cobalt	59-2	73	93	47	71	32.92	cps
Copper	63-2	457	443	383	428	9.13	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	33	58	31	95.79	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	83	125	92	100	22.05	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	13211473	13326499	13481753	13339908	1.02	cps
Holmium	165-2	2647551	2720037	2693432	2687006	1.36	cps
Indium	115-1	10255626	10339084	10318540	10304417	0.42	cps
Indium	115-2	366707	376300	378552	373853	1.68	cps
Iron	56-2	1033	950	945	976	5.10	cps
Iron	57-2	67	28	28	41	55.11	cps
Krypton	83-1	330	350	347	342	3.13	cps
Lead	206-1	344	394	378	372	6.84	cps
Lead	207-1	356	250	256	287	20.70	cps
Lead	208-1	1400	1406	1378	1395	1.05	cps
Lithium	6-1	2284418	2288913	2308405	2293912	0.56	cps
Magnesium	24-2	117	200	92	136	41.68	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	17	32	43.06	cps
Molybdenum	94-1	283	450	392	375	22.55	cps
Molybdenum	95-1	125	125	125	125	0.00	cps
Molybdenum	96-1	258	192	233	228	14.79	cps
Molybdenum	97-1	83	92	75	83	10.00	cps
Molybdenum	98-1	117	175	167	153	20.65	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97	107	97	100	5.77	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1917	1400	1650	1656	15.61	cps
Rhodium	103-1	9665548	9661896	9818225	9715223	0.92	cps
Rhodium	103-2	2403345	2479827	2465427	2449533	1.66	cps
Scandium	45-1	6004308	6106745	6090252	6067102	0.91	cps
Scandium	45-2	36334	36905	36888	36709	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	10	-34	1	-8	-301.97	cps
Silicon	28-1	327668	329936	329434	329013	0.36	cps
Silver	109-1	67	67	83	72	13.33	cps
Silver	107-1	133	100	83	106	24.12	cps
Sodium	23-2	3217	2959	2850	3009	6.26	cps
Strontium	86-1	508	533	383	475	16.92	cps
Strontium	88-1	183	208	167	186	11.27	cps
Sulfur	34-1	408346	408247	403204	406599	0.72	cps
Terbium	159-1	13608051	13714536	13917688	13746758	1.14	cps
Terbium	159-2	2507358	2553863	2551181	2537467	1.03	cps
Thallium	203-1	392	308	283	328	17.31	cps
Thallium	205-1	750	800	858	803	6.75	cps
Tin	118-1	1033	1208	1167	1136	8.05	cps
Titanium	47-1	133	100	108	114	15.23	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	10582936	10647797	10799364	10676699	1.04	cps
Yttrium	89-2	262282	268651	272185	267706	1.87	cps
Zinc	66-2	23	43	40	36	30.14	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:36:27	DataFile Name :	004CALB_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	1067	1150	1014	16.65	cps
Zirconium	91-1	183	208	242	211	13.86	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	175	75	119	42.63	cps
Antimony	121-1	15893	15885	15026	15601	3.20	cps
Arsenic	75-2	83	78	76	79	4.87	cps
Barium	135-1	16511	16736	16294	16514	1.34	cps
Barium	137-1	29267	28958	29267	29164	0.61	cps
Beryllium	9-1	1245	1311	1156	1237	6.31	cps
Bismuth	209-1	9034344	9137414	9023699	9065152	0.69	cps
Bismuth	209-2	2272133	2332500	2310362	2304998	1.32	cps
Boron	10-1	3217	3501	3259	3326	4.60	cps
Boron	11-1	14766	15584	15759	15370	3.45	cps
Cadmium	111-1	3778	3852	3802	3811	0.99	cps
Cadmium	106-1	3142	3167	3117	3142	0.80	cps
Cadmium	108-1	138	158	121	139	13.53	cps
Calcium	43-1	9654	8987	9429	9356	3.63	cps
Calcium	44-1	163686	161966	158527	161393	1.63	cps
Chromium	52-2	1733	1820	1737	1763	2.78	cps
Cobalt	59-2	1433	1500	1463	1466	2.28	cps
Copper	63-2	3040	2924	2954	2973	2.04	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	125	92	108	108	15.39	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	13798451	13751716	13584001	13711389	0.82	cps
Holmium	165-2	2732607	2732778	2734894	2733426	0.05	cps
Indium	115-1	10591873	10616672	10578907	10595817	0.18	cps
Indium	115-2	375252	381840	376907	378000	0.91	cps
Iron	56-2	21367	22018	22296	21894	2.18	cps
Iron	57-2	606	544	606	585	6.03	cps
Krypton	83-1	360	353	323	346	5.65	cps
Lead	206-1	5918	6157	6074	6050	2.01	cps
Lead	207-1	5429	5463	5268	5387	1.93	cps
Lead	208-1	24193	24021	24321	24178	0.62	cps
Lithium	6-1	2337493	2358319	2313999	2336604	0.95	cps
Magnesium	24-2	10521	10504	11180	10735	3.59	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	227	207	202	13.32	cps
Molybdenum	94-1	13991	13282	14483	13919	4.34	cps
Molybdenum	95-1	16327	16736	16027	16363	2.18	cps
Molybdenum	96-1	18672	17929	17812	18138	2.57	cps
Molybdenum	97-1	10513	10763	10755	10677	1.33	cps
Molybdenum	98-1	26535	26452	26752	26580	0.58	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	583	607	570	587	3.16	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	6510	7069	6518	6699	4.78	cps
Rhodium	103-1	9930873	10014542	9889334	9944916	0.64	cps
Rhodium	103-2	2476792	2473512	2493728	2481344	0.44	cps
Scandium	45-1	6052007	6168116	6054254	6091459	1.09	cps
Scandium	45-2	37457	37280	36932	37223	0.72	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	465	517	483	488	5.45	cps
Silicon	28-1	385129	381948	381490	382856	0.52	cps
Silver	109-1	8328	8495	8728	8517	2.36	cps
Silver	107-1	8303	9103	9020	8809	5.00	cps
Sodium	23-2	28087	28037	27987	28037	0.18	cps
Strontium	86-1	2717	2667	2892	2759	4.28	cps
Strontium	88-1	18229	18906	18288	18474	2.03	cps
Sulfur	34-1	408260	407720	404687	406889	0.47	cps
Terbium	159-1	14026221	14221327	14023885	14090478	0.80	cps
Terbium	159-2	2567704	2600157	2601755	2589872	0.74	cps
Thallium	203-1	7152	7286	7269	7236	1.00	cps
Thallium	205-1	17947	16762	17371	17360	3.41	cps
Tin	118-1	28348	28732	29041	28707	1.21	cps
Titanium	47-1	4726	4743	4309	4593	5.35	cps
Uranium	238-1	21820	21920	22154	21965	0.78	cps
Vanadium	51-2	2214	2290	2134	2212	3.54	cps
Yttrium	89-1	10824048	10921194	10790969	10845404	0.62	cps
Yttrium	89-2	270969	275639	275675	274095	0.99	cps
Zinc	66-2	233	270	327	277	17.00	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:44:01	DataFile Name :	006CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12256	12715	12014	12328	2.89	cps
Zirconium	91-1	2592	2659	2784	2678	3.63	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4576	4918	4559	4684	4.32	cps
Antimony	121-1	391442	400962	399846	397417	1.31	cps
Arsenic	75-2	3578	3300	3523	3467	4.24	cps
Barium	135-1	426865	431897	430291	429684	0.60	cps
Barium	137-1	760540	757125	760293	759320	0.25	cps
Beryllium	9-1	58100	57470	58569	58047	0.95	cps
Bismuth	209-1	9080526	8957522	8906155	8981401	1.00	cps
Bismuth	209-2	2291947	2274315	2319284	2295182	0.99	cps
Boron	10-1	6452	6510	6402	6455	0.84	cps
Boron	11-1	30968	31536	32580	31694	2.58	cps
Cadmium	111-1	90163	91648	89960	90590	1.02	cps
Cadmium	106-1	12331	12573	11747	12217	3.48	cps
Cadmium	108-1	6339	6389	6339	6356	0.45	cps
Calcium	43-1	91507	88864	92873	91081	2.24	cps
Calcium	44-1	1516067	1496137	1502100	1504768	0.68	cps
Chromium	52-2	31806	31252	31272	31443	1.00	cps
Cobalt	59-2	72176	69894	70095	70722	1.79	cps
Copper	63-2	126018	125214	125917	125717	0.35	cps
Dysprosium	156-1	0	17	50	22	114.56	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	150	158	125	144	12.01	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	13816916	13429872	13485901	13577563	1.54	cps
Holmium	165-2	2709144	2724347	2772897	2735463	1.22	cps
Indium	115-1	10534059	10407365	10301723	10414383	1.12	cps
Indium	115-2	377342	376378	379721	377814	0.46	cps
Iron	56-2	1063034	1050231	1048296	1053853	0.76	cps
Iron	57-2	25869	26248	26938	26351	2.06	cps
Krypton	83-1	317	300	293	303	3.96	cps
Lead	206-1	283064	283017	281685	282588	0.28	cps
Lead	207-1	256335	257252	255365	256318	0.37	cps
Lead	208-1	1157503	1162667	1153031	1157734	0.42	cps
Lithium	6-1	2318765	2288735	2284858	2297453	0.81	cps
Magnesium	24-2	111855	111711	112779	112115	0.52	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17114	17121	16473	16903	2.20	cps
Molybdenum	94-1	696106	696717	695797	696206	0.07	cps
Molybdenum	95-1	862474	854146	855028	857216	0.53	cps
Molybdenum	96-1	952324	945908	949845	949359	0.34	cps
Molybdenum	97-1	535168	540325	534086	536527	0.62	cps
Molybdenum	98-1	1369166	1372469	1371655	1371097	0.13	cps
Neodymium	150-1	33	27	20	27	25.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21367	21123	21423	21304	0.75	cps
Phosphorus	31-2	192	317	275	261	24.38	cps
Potassium	39-2	28279	29131	27653	28354	2.62	cps
Rhodium	103-1	9895296	9715863	9653243	9754801	1.29	cps
Rhodium	103-2	2461005	2447092	2477618	2461905	0.62	cps
Scandium	45-1	6092752	5976911	5940279	6003314	1.33	cps
Scandium	45-2	37169	36183	36858	36737	1.37	cps
Selenium	77-2	13	33	23	23	42.86	cps
Selenium	78-2	91	69	83	81	13.99	cps
Selenium	82-1	5413	5500	5200	5371	2.87	cps
Silicon	28-1	531828	536231	534232	534097	0.41	cps
Silver	109-1	421093	415054	418722	418290	0.73	cps
Silver	107-1	437687	438679	438210	438192	0.11	cps
Sodium	23-2	256827	254623	255896	255782	0.43	cps
Strontium	86-1	105941	109798	106966	107568	1.86	cps
Strontium	88-1	937708	940557	932546	936937	0.43	cps
Sulfur	34-1	429733	432814	432659	431735	0.40	cps
Terbium	159-1	14075850	13706217	13811030	13864366	1.37	cps
Terbium	159-2	2569325	2564441	2621335	2585034	1.22	cps
Thallium	203-1	346168	345989	346000	346052	0.03	cps
Thallium	205-1	835498	837621	832125	835081	0.33	cps
Tin	118-1	285412	281766	282095	283091	0.71	cps
Titanium	47-1	226318	226977	225751	226349	0.27	cps
Uranium	238-1	1149875	1143027	1143503	1145468	0.33	cps
Vanadium	51-2	22765	22151	22568	22495	1.39	cps
Yttrium	89-1	10824657	10529352	10630539	10661516	1.41	cps
Yttrium	89-2	270921	268355	270610	269962	0.52	cps
Zinc	66-2	10174	10551	10134	10286	2.24	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:47:43	DataFile Name :	007CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	573800	580218	573247	575755	0.67	cps
Zirconium	91-1	125609	126592	126416	126206	0.42	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10980	10254	11080	10771	4.18	cps
Antimony	121-1	1015354	1030914	1040817	1029028	1.25	cps
Arsenic	75-2	8432	8364	8803	8533	2.77	cps
Barium	135-1	1089018	1105912	1114102	1103011	1.16	cps
Barium	137-1	1927331	1959017	1982503	1956284	1.42	cps
Beryllium	9-1	144254	145478	148861	146198	1.63	cps
Bismuth	209-1	8865494	9386519	9319862	9190625	3.09	cps
Bismuth	209-2	2211715	2245567	2287971	2248418	1.70	cps
Boron	10-1	15576	16268	16552	16132	3.11	cps
Boron	11-1	74577	75750	79194	76507	3.14	cps
Cadmium	111-1	220851	228017	228732	225867	1.93	cps
Cadmium	106-1	25484	27470	27062	26672	3.93	cps
Cadmium	108-1	15697	16339	16052	16029	2.01	cps
Calcium	43-1	226879	231844	233181	230635	1.44	cps
Calcium	44-1	3703075	3748388	3776992	3742818	1.00	cps
Chromium	52-2	79169	77861	77718	78249	1.02	cps
Cobalt	59-2	178838	174294	174156	175763	1.52	cps
Copper	63-2	317181	310090	308384	311885	1.50	cps
Dysprosium	156-1	58	17	33	36	58.08	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	100	117	75	97	21.57	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	13499432	14312835	14080338	13964202	3.00	cps
Holmium	165-2	2636137	2685132	2740671	2687314	1.95	cps
Indium	115-1	10360598	10823315	10643425	10609112	2.20	cps
Indium	115-2	357334	369718	373646	366900	2.32	cps
Iron	56-2	2701455	2637436	2646036	2661642	1.31	cps
Iron	57-2	66682	65230	66614	66175	1.24	cps
Krypton	83-1	277	320	327	308	8.82	cps
Lead	206-1	707160	716040	721638	714946	1.02	cps
Lead	207-1	649979	650898	657877	652918	0.66	cps
Lead	208-1	2908895	2927765	2968055	2934905	1.03	cps
Lithium	6-1	2277286	2367890	2371600	2338925	2.28	cps
Magnesium	24-2	286474	277880	280049	281468	1.59	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43060	41793	41879	42244	1.68	cps
Molybdenum	94-1	1766940	1782712	1799673	1783108	0.92	cps
Molybdenum	95-1	2168054	2186386	2239572	2198004	1.69	cps
Molybdenum	96-1	2399877	2434914	2474574	2436455	1.53	cps
Molybdenum	97-1	1344086	1362764	1377305	1361385	1.22	cps
Molybdenum	98-1	3467742	3517703	3534531	3506659	0.99	cps
Neodymium	150-1	60	60	53	58	6.65	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53526	51917	53141	52861	1.59	cps
Phosphorus	31-2	675	708	633	672	5.59	cps
Potassium	39-2	67461	66466	66742	66890	0.77	cps
Rhodium	103-1	9735481	10089914	10156203	9993866	2.26	cps
Rhodium	103-2	2372016	2413002	2422697	2402571	1.12	cps
Scandium	45-1	5936643	6209044	6202865	6116184	2.54	cps
Scandium	45-2	34927	35836	36521	35761	2.24	cps
Selenium	77-2	43	63	67	58	21.85	cps
Selenium	78-2	222	169	215	202	14.42	cps
Selenium	82-1	13372	13623	13676	13557	1.20	cps
Silicon	28-1	837091	847392	852350	845611	0.92	cps
Silver	109-1	1043485	1068979	1072646	1061704	1.50	cps
Silver	107-1	1097073	1114865	1126121	1112686	1.32	cps
Sodium	23-2	633945	625086	626200	628411	0.77	cps
Strontium	86-1	274060	276837	277907	276268	0.72	cps
Strontium	88-1	2368836	2412998	2438735	2406856	1.47	cps
Sulfur	34-1	465072	466627	470747	467482	0.63	cps
Terbium	159-1	13895130	14519044	14369811	14261328	2.28	cps
Terbium	159-2	2494257	2540247	2594936	2543147	1.98	cps
Thallium	203-1	871383	893745	899852	888327	1.69	cps
Thallium	205-1	2118240	2155460	2168100	2147266	1.21	cps
Tin	118-1	704155	724222	731586	719988	1.97	cps
Titanium	47-1	569958	570346	587225	575843	1.71	cps
Uranium	238-1	2924668	2912583	2985839	2941030	1.34	cps
Vanadium	51-2	57732	55483	56423	56546	2.00	cps
Yttrium	89-1	10698037	11153518	11208995	11020183	2.54	cps
Yttrium	89-2	258191	265970	269502	264554	2.19	cps
Zinc	66-2	25995	25033	25524	25517	1.88	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:51:24	DataFile Name :	008CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1520293	1479113	1533508	1510971	1.88	cps
Zirconium	91-1	328246	328395	334565	330402	1.09	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21943	21442	21442	21609	1.34	cps
Antimony	121-1	2029822	2027434	2030918	2029391	0.09	cps
Arsenic	75-2	16541	16573	16925	16680	1.28	cps
Barium	135-1	2182693	2195829	2201467	2193330	0.44	cps
Barium	137-1	3804363	3832733	3773782	3803626	0.78	cps
Beryllium	9-1	281531	282981	284041	282851	0.45	cps
Bismuth	209-1	8967903	9092023	9055407	9038444	0.71	cps
Bismuth	209-2	2267902	2258959	2279320	2268727	0.45	cps
Boron	10-1	30726	31953	31728	31469	2.08	cps
Boron	11-1	143066	149573	152097	148245	3.14	cps
Cadmium	111-1	436165	439895	440213	438758	0.51	cps
Cadmium	106-1	49150	47869	49785	48935	1.99	cps
Cadmium	108-1	31884	31140	31871	31632	1.35	cps
Calcium	43-1	450982	448614	450307	449968	0.27	cps
Calcium	44-1	7276626	7288106	7356529	7307087	0.59	cps
Chromium	52-2	150867	151614	152904	151795	0.68	cps
Cobalt	59-2	339696	346232	344963	343630	1.01	cps
Copper	63-2	601588	608782	611302	607224	0.83	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	175	183	167	175	4.76	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	13773921	13842565	13866621	13827702	0.35	cps
Holmium	165-2	2710654	2747878	2728500	2729011	0.68	cps
Indium	115-1	10402671	10453275	10386652	10414199	0.33	cps
Indium	115-2	366171	366117	366770	366353	0.10	cps
Iron	56-2	5125173	5110796	5167038	5134336	0.57	cps
Iron	57-2	128829	130746	130460	130012	0.80	cps
Krypton	83-1	327	353	350	343	4.23	cps
Lead	206-1	1418966	1422970	1421445	1421127	0.14	cps
Lead	207-1	1286737	1280197	1291799	1286244	0.45	cps
Lead	208-1	5866837	5842290	5856969	5855365	0.21	cps
Lithium	6-1	2283234	2276905	2266050	2275396	0.38	cps
Magnesium	24-2	544826	546334	548656	546605	0.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81251	82703	82529	82161	0.96	cps
Molybdenum	94-1	3478283	3461882	3511485	3483883	0.73	cps
Molybdenum	95-1	4247138	4261712	4278111	4262321	0.36	cps
Molybdenum	96-1	4755450	4776108	4812364	4781307	0.60	cps
Molybdenum	97-1	2738505	2727573	2747718	2737932	0.37	cps
Molybdenum	98-1	6813069	6870072	6820457	6834533	0.45	cps
Neodymium	150-1	87	27	113	76	58.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	100986	103420	103488	102631	1.39	cps
Phosphorus	31-2	1100	1333	1192	1208	9.73	cps
Potassium	39-2	130550	131249	129054	130284	0.86	cps
Rhodium	103-1	9822119	9755712	9701723	9759851	0.62	cps
Rhodium	103-2	2382590	2421319	2423134	2409014	0.95	cps
Scandium	45-1	6025728	6093958	6079908	6066531	0.59	cps
Scandium	45-2	35986	36828	36264	36359	1.18	cps
Selenium	77-2	113	117	130	120	7.35	cps
Selenium	78-2	372	391	394	386	3.09	cps
Selenium	82-1	26985	26614	26368	26656	1.17	cps
Silicon	28-1	1227833	1241872	1252359	1240688	0.99	cps
Silver	109-1	2122767	2112254	2097685	2110902	0.60	cps
Silver	107-1	2206099	2193174	2180200	2193158	0.59	cps
Sodium	23-2	1228218	1267175	1254045	1249812	1.59	cps
Strontium	86-1	540673	544702	539415	541597	0.51	cps
Strontium	88-1	4724170	4660966	4657990	4681042	0.80	cps
Sulfur	34-1	522933	524987	521391	523104	0.34	cps
Terbium	159-1	14203577	14293009	14081808	14192798	0.75	cps
Terbium	159-2	2562078	2592697	2599021	2584599	0.76	cps
Thallium	203-1	1769392	1771205	1754642	1765079	0.51	cps
Thallium	205-1	4193592	4197620	4233068	4208093	0.52	cps
Tin	118-1	1409792	1419413	1419043	1416083	0.38	cps
Titanium	47-1	1130509	1126587	1132443	1129846	0.26	cps
Uranium	238-1	5841976	5765831	5851470	5819759	0.81	cps
Vanadium	51-2	108939	111234	110790	110321	1.10	cps
Yttrium	89-1	10748539	10807437	10675964	10743980	0.61	cps
Yttrium	89-2	264339	266323	267358	266007	0.58	cps
Zinc	66-2	48337	49414	48869	48874	1.10	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:55:00	DataFile Name :	009CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2988165	2948416	2940369	2958983	0.86	cps
Zirconium	91-1	652199	643180	640887	645422	0.93	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41988	40609	41454	41350	1.68	cps
Antimony	121-1	4004816	4045008	4022002	4023942	0.50	cps
Arsenic	75-2	32310	33396	32941	32882	1.66	cps
Barium	135-1	4318526	4331294	4334596	4328139	0.20	cps
Barium	137-1	7472425	7452987	7536017	7487143	0.58	cps
Beryllium	9-1	552889	553638	556325	554284	0.33	cps
Bismuth	209-1	9098877	9063940	9078762	9080526	0.19	cps
Bismuth	209-2	2264374	2266545	2193059	2241326	1.87	cps
Boron	10-1	60612	62905	63851	62456	2.67	cps
Boron	11-1	283499	294678	296368	291515	2.40	cps
Cadmium	111-1	863876	860183	864671	862910	0.28	cps
Cadmium	106-1	94111	94312	94061	94161	0.14	cps
Cadmium	108-1	62092	62364	62691	62382	0.48	cps
Calcium	43-1	888573	895207	891069	891616	0.38	cps
Calcium	44-1	14408916	14463187	14439621	14437241	0.19	cps
Chromium	52-2	297543	294569	296436	296183	0.51	cps
Cobalt	59-2	666243	666366	673233	668614	0.60	cps
Copper	63-2	1173379	1174874	1185305	1177853	0.55	cps
Dysprosium	156-1	58	83	67	69	18.33	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	167	200	133	167	20.00	cps
Gadolinium	160-2	13	7	27	16	65.47	cps
Holmium	165-1	13882670	13827657	13860150	13856825	0.20	cps
Holmium	165-2	2705838	2753106	2632671	2697205	2.25	cps
Indium	115-1	10441522	10379817	10375039	10398793	0.36	cps
Indium	115-2	361908	366617	347414	358646	2.79	cps
Iron	56-2	9937938	9984445	10001897	9974760	0.33	cps
Iron	57-2	251958	252792	253844	252864	0.37	cps
Krypton	83-1	350	333	333	339	2.84	cps
Lead	206-1	2880009	2885459	2862986	2876151	0.41	cps
Lead	207-1	2662976	2624728	2613203	2633636	0.99	cps
Lead	208-1	11709360	11657973	11679790	11682374	0.22	cps
Lithium	6-1	2241381	2228581	2235385	2235116	0.29	cps
Magnesium	24-2	1067130	1066422	1062564	1065372	0.23	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	161062	160197	161757	161005	0.49	cps
Molybdenum	94-1	6848343	6884187	6854578	6862369	0.28	cps
Molybdenum	95-1	8384470	8411926	8387774	8394724	0.18	cps
Molybdenum	96-1	9385670	9412547	9357879	9385365	0.29	cps
Molybdenum	97-1	5386091	5404476	5353979	5381515	0.47	cps
Molybdenum	98-1	13663925	13562665	13634271	13620287	0.38	cps
Neodymium	150-1	133	207	213	184	24.07	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197563	197181	199307	198017	0.57	cps
Phosphorus	31-2	2475	2609	2642	2575	3.43	cps
Potassium	39-2	252177	253204	255120	253501	0.59	cps
Rhodium	103-1	9690789	9599222	9712850	9667620	0.62	cps
Rhodium	103-2	2343959	2409751	2311345	2355019	2.13	cps
Scandium	45-1	5957341	5978170	5950485	5961999	0.24	cps
Scandium	45-2	35234	35595	34787	35205	1.15	cps
Selenium	77-2	223	210	230	221	4.61	cps
Selenium	78-2	800	789	728	772	5.04	cps
Selenium	82-1	52666	52688	51881	52412	0.88	cps
Silicon	28-1	2060426	2103414	2095776	2086539	1.10	cps
Silver	109-1	4134047	4140729	4078697	4117824	0.83	cps
Silver	107-1	4292747	4296472	4295675	4294965	0.05	cps
Sodium	23-2	2434367	2388242	2434820	2419143	1.11	cps
Strontium	86-1	1073103	1073420	1068066	1071529	0.28	cps
Strontium	88-1	9185575	9203073	9143360	9177336	0.33	cps
Sulfur	34-1	648385	647936	648404	648242	0.04	cps
Terbium	159-1	14166233	14204717	14152160	14174370	0.19	cps
Terbium	159-2	2563451	2609486	2486301	2553079	2.44	cps
Thallium	203-1	3541794	3534565	3543292	3539883	0.13	cps
Thallium	205-1	8267101	8257332	8288646	8271026	0.19	cps
Tin	118-1	2864965	2847920	2829511	2847465	0.62	cps
Titanium	47-1	2286757	2287239	2254122	2276040	0.83	cps
Uranium	238-1	11536822	11600996	11550455	11562758	0.29	cps
Vanadium	51-2	217558	216455	218213	217408	0.41	cps
Yttrium	89-1	10837490	10748377	10755047	10780304	0.46	cps
Yttrium	89-2	261617	265213	254983	260604	1.99	cps
Zinc	66-2	95842	95546	96295	95894	0.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 13:58:30	DataFile Name :	010CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5825423	5810365	5819330	5818373	0.13	cps
Zirconium	91-1	1291591	1282749	1285731	1286691	0.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80285	81358	80964	80869	0.67	cps
Antimony	121-1	7897224	7888424	7896354	7894000	0.06	cps
Arsenic	75-2	64237	65074	64957	64756	0.70	cps
Barium	135-1	8498915	8543879	8559663	8534152	0.37	cps
Barium	137-1	14829751	14841693	14879146	14850197	0.17	cps
Beryllium	9-1	1067318	1068731	1080952	1072334	0.70	cps
Bismuth	209-1	8891837	8918900	8566714	8792484	2.23	cps
Bismuth	209-2	2206176	2213372	2196533	2205360	0.38	cps
Boron	10-1	119417	123183	124948	122516	2.31	cps
Boron	11-1	567178	573592	592345	577705	2.26	cps
Cadmium	111-1	1677085	1695610	1722254	1698316	1.34	cps
Cadmium	106-1	182713	180808	181691	181737	0.52	cps
Cadmium	108-1	122681	121319	122025	122008	0.56	cps
Calcium	43-1	1792675	1758159	1786939	1779258	1.04	cps
Calcium	44-1	28377577	28272991	28804402	28484990	0.99	cps
Chromium	52-2	577662	579182	581578	579474	0.34	cps
Cobalt	59-2	1301838	1302961	1311844	1305547	0.42	cps
Copper	63-2	2282699	2291900	2296816	2290472	0.31	cps
Dysprosium	156-1	83	158	117	119	31.46	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	33	67	67	56	34.65	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	150	175	150	158	9.12	cps
Gadolinium	160-2	20	27	13	20	33.35	cps
Holmium	165-1	13752281	13796102	13331388	13626590	1.88	cps
Holmium	165-2	2700644	2682799	2690006	2691150	0.33	cps
Indium	115-1	10008441	10237088	9770328	10005286	2.33	cps
Indium	115-2	349063	347911	348776	348583	0.17	cps
Iron	56-2	19549112	19669043	19566795	19594983	0.33	cps
Iron	57-2	496166	499888	497681	497912	0.38	cps
Krypton	83-1	427	277	313	339	23.08	cps
Lead	206-1	5634053	5543287	5633334	5603558	0.93	cps
Lead	207-1	5129164	5110093	5133663	5124307	0.24	cps
Lead	208-1	22948302	22735861	23033034	22905732	0.67	cps
Lithium	6-1	2183306	2186454	2142796	2170852	1.12	cps
Magnesium	24-2	2082675	2109038	2120220	2103978	0.92	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308804	311993	313796	311531	0.81	cps
Molybdenum	94-1	13526652	13585562	13679896	13597370	0.57	cps
Molybdenum	95-1	16653611	16732250	16801525	16729129	0.44	cps
Molybdenum	96-1	18575246	18612497	18628735	18605493	0.15	cps
Molybdenum	97-1	10535525	10526149	10568251	10543308	0.21	cps
Molybdenum	98-1	26878440	26838102	27149689	26955410	0.63	cps
Neodymium	150-1	273	333	287	298	10.58	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	381050	383368	384745	383054	0.49	cps
Phosphorus	31-2	4476	4843	4634	4651	3.96	cps
Potassium	39-2	486700	494674	502672	494682	1.61	cps
Rhodium	103-1	9298369	9462166	9045038	9268524	2.27	cps
Rhodium	103-2	2312865	2301462	2295089	2303139	0.39	cps
Scandium	45-1	5740596	5886238	5609793	5745542	2.41	cps
Scandium	45-2	35832	35859	35411	35701	0.70	cps
Selenium	77-2	383	440	417	413	6.89	cps
Selenium	78-2	1411	1511	1489	1470	3.57	cps
Selenium	82-1	102346	102346	103599	102764	0.70	cps
Silicon	28-1	3680880	3694743	3717246	3697623	0.50	cps
Silver	109-1	8018820	7987753	8035173	8013915	0.30	cps
Silver	107-1	8403565	8370947	8343917	8372809	0.36	cps
Sodium	23-2	4663615	4708748	4697138	4689834	0.50	cps
Strontium	86-1	2110919	2144256	2121579	2125585	0.80	cps
Strontium	88-1	18159848	18129270	18157459	18148859	0.09	cps
Sulfur	34-1	891001	892703	894207	892637	0.18	cps
Terbium	159-1	14005565	14050477	13502102	13852715	2.20	cps
Terbium	159-2	2545806	2544006	2523874	2537895	0.48	cps
Thallium	203-1	6884107	6863316	6971187	6906203	0.83	cps
Thallium	205-1	16300095	16180521	16506136	16328917	1.01	cps
Tin	118-1	5563361	5501460	5583210	5549344	0.77	cps
Titanium	47-1	4393463	4389477	4411678	4398206	0.27	cps
Uranium	238-1	23095498	23054645	23242145	23130763	0.43	cps
Vanadium	51-2	423623	426873	428641	426379	0.60	cps
Yttrium	89-1	10508954	10758428	10271187	10512856	2.32	cps
Yttrium	89-2	261266	258644	256786	258898	0.87	cps
Zinc	66-2	183972	184709	186387	185023	0.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:01:56	DataFile Name :	011CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11452023	11432548	11529316	11471296	0.45	cps
Zirconium	91-1	2560873	2558913	2559848	2559878	0.04	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475971	483244	479809	479675	0.76	cps
Antimony	121-1	24181	22937	21994	23038	4.76	cps
Arsenic	75-2	131	146	133	137	5.89	cps
Barium	135-1	1650	1575	1467	1564	5.89	cps
Barium	137-1	2950	3059	2625	2878	7.84	cps
Beryllium	9-1	439	483	444	456	5.32	cps
Bismuth	209-1	8317633	8606487	8280152	8401424	2.13	cps
Bismuth	209-2	2131918	2174374	2114824	2140372	1.43	cps
Boron	10-1	7202	6460	6093	6585	8.58	cps
Boron	11-1	33047	30216	26843	30035	10.34	cps
Cadmium	111-1	2453	2552	2307	2437	5.06	cps
Cadmium	106-1	2917	3076	2792	2928	4.85	cps
Cadmium	108-1	38	67	50	51	28.48	cps
Calcium	43-1	9773334	9844455	9732627	9783472	0.58	cps
Calcium	44-1	160963237	161311804	158965649	160413563	0.79	cps
Chromium	52-2	25453	25366	25787	25536	0.87	cps
Cobalt	59-2	18005	17658	18613	18092	2.67	cps
Copper	63-2	4831	4604	4791	4742	2.55	cps
Dysprosium	156-1	83	108	92	94	13.48	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	258	167	133	186	34.78	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	13702960	14094478	13435259	13744232	2.41	cps
Holmium	165-2	2813152	2797045	2768035	2792744	0.82	cps
Indium	115-1	10058148	10278789	9771489	10036142	2.53	cps
Indium	115-2	370659	375067	369403	371710	0.80	cps
Iron	56-2	108468850	109235314	108771914	108825359	0.35	cps
Iron	57-2	2812106	2796110	2809638	2805951	0.31	cps
Krypton	83-1	337	303	387	342	12.26	cps
Lead	206-1	33188	32709	31818	32572	2.14	cps
Lead	207-1	27636	27308	26723	27222	1.70	cps
Lead	208-1	129409	128949	124965	127774	1.91	cps
Lithium	6-1	2223248	2281570	2187129	2230649	2.14	cps
Magnesium	24-2	11757554	11877346	12045184	11893361	1.21	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1730	1637	1763	1710	3.84	cps
Molybdenum	94-1	21267	20366	19724	20452	3.79	cps
Molybdenum	95-1	34561	33968	32498	33676	3.15	cps
Molybdenum	96-1	39124	38330	37963	38472	1.54	cps
Molybdenum	97-1	21843	20274	20692	20937	3.88	cps
Molybdenum	98-1	55255	54017	52603	53958	2.46	cps
Neodymium	150-1	193	140	113	149	27.36	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	13807	13423	14097	13776	2.45	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	2894726	2939272	2940735	2924911	0.89	cps
Rhodium	103-1	9051118	9362635	8955784	9123179	2.33	cps
Rhodium	103-2	2326022	2367207	2313322	2335517	1.21	cps
Scandium	45-1	6003381	6143530	5948402	6031771	1.67	cps
Scandium	45-2	38723	39231	38874	38943	0.67	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	52	84	17	51	65.75	cps
Silicon	28-1	393053	398513	401625	397730	1.09	cps
Silver	109-1	1133	933	842	970	15.39	cps
Silver	107-1	1008	1092	958	1020	6.61	cps
Sodium	23-2	26677519	26905303	27103569	26895464	0.79	cps
Strontium	86-1	10546	10713	10271	10510	2.12	cps
Strontium	88-1	89190	88747	88067	88668	0.64	cps
Sulfur	34-1	383385	384985	381917	383429	0.40	cps
Terbium	159-1	13875793	14476334	13614269	13988799	3.16	cps
Terbium	159-2	2645821	2657232	2590322	2631125	1.36	cps
Thallium	203-1	4109	4559	4326	4332	5.20	cps
Thallium	205-1	11180	10313	9546	10346	7.90	cps
Tin	118-1	16119	15351	14850	15440	4.14	cps
Titanium	47-1	2742	2667	2675	2695	1.53	cps
Uranium	238-1	2467	2059	1800	2109	15.94	cps
Vanadium	51-2	173	187	203	188	8.00	cps
Yttrium	89-1	10714343	10986214	10471875	10724144	2.40	cps
Yttrium	89-2	279332	281248	280756	280445	0.35	cps
Zinc	66-2	1570	1573	1733	1626	5.74	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:05:18	DataFile Name :	012CALS_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3634	3276	3451	3453	5.19	cps
Zirconium	91-1	842	758	742	781	6.86	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2267	2384	2292	2314	2.65	cps
Antimony	121-1	1561710	1577361	1583914	1574328	0.72	cps
Arsenic	75-2	13657	13538	13353	13516	1.13	cps
Barium	135-1	171310	171809	172424	171848	0.32	cps
Barium	137-1	300659	303105	298779	300848	0.72	cps
Beryllium	9-1	111434	112335	110365	111378	0.89	cps
Bismuth	209-1	9216768	9124356	9255989	9199038	0.73	cps
Bismuth	209-2	2323901	2314275	2367531	2335235	1.22	cps
Boron	10-1	65099	66864	67015	66326	1.61	cps
Boron	11-1	300624	312025	321974	311541	3.43	cps
Cadmium	111-1	179319	180697	180458	180158	0.41	cps
Cadmium	106-1	32808	33183	32348	32780	1.28	cps
Cadmium	108-1	16686	16611	16636	16644	0.23	cps
Calcium	43-1	41086	40175	40911	40724	1.19	cps
Calcium	44-1	637168	644357	641841	641122	0.57	cps
Chromium	52-2	61284	61394	60912	61196	0.41	cps
Cobalt	59-2	140796	139364	139894	140018	0.52	cps
Copper	63-2	124787	124208	124252	124416	0.26	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	3	27	23	18	71.00	cps
Gadolinium	160-1	100	92	75	89	14.32	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	13798620	13769301	13967465	13845129	0.77	cps
Holmium	165-2	2742925	2777244	2793728	2771299	0.94	cps
Indium	115-1	10556008	10572867	10657894	10595590	0.52	cps
Indium	115-2	374126	379306	377328	376920	0.69	cps
Iron	56-2	421936	420450	418777	420388	0.38	cps
Iron	57-2	10832	10677	10854	10788	0.90	cps
Krypton	83-1	347	287	367	333	12.49	cps
Lead	206-1	1149330	1149259	1135540	1144710	0.69	cps
Lead	207-1	992116	993723	992557	992799	0.08	cps
Lead	208-1	4647648	4652823	4645141	4648537	0.08	cps
Lithium	6-1	2320282	2324018	2292611	2312304	0.74	cps
Magnesium	24-2	27736	26859	26734	27110	2.01	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16273	16483	16336	16364	0.66	cps
Molybdenum	94-1	3268072	3287855	3263189	3273039	0.40	cps
Molybdenum	95-1	1832349	1876410	1868374	1859045	1.26	cps
Molybdenum	96-1	2376607	2392987	2373264	2380953	0.44	cps
Molybdenum	97-1	1154035	1158027	1151771	1154611	0.27	cps
Molybdenum	98-1	2982961	2976247	3002524	2987244	0.46	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41609	43237	41776	42207	2.12	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	23838	23312	22694	23281	2.46	cps
Rhodium	103-1	10043877	9986842	9987886	10006202	0.33	cps
Rhodium	103-2	2503215	2524911	2544354	2524160	0.82	cps
Scandium	45-1	6165408	6179901	6155419	6166910	0.20	cps
Scandium	45-2	38195	37607	38035	37946	0.80	cps
Selenium	77-2	80	110	103	98	16.11	cps
Selenium	78-2	324	326	331	327	1.18	cps
Selenium	82-1	20971	21385	21155	21170	0.98	cps
Silicon	28-1	324103	325040	328108	325751	0.64	cps
Silver	109-1	745092	750366	745512	746990	0.39	cps
Silver	107-1	786917	790154	790160	789077	0.24	cps
Sodium	23-2	106699	104086	104809	105198	1.28	cps
Strontium	86-1	1104383	1126758	1118387	1116510	1.01	cps
Strontium	88-1	9642022	9643597	9600599	9628739	0.25	cps
Sulfur	34-1	388127	384901	388953	387327	0.55	cps
Terbium	159-1	14165719	14064527	14163337	14131194	0.41	cps
Terbium	159-2	2602070	2608034	2642074	2617393	0.82	cps
Thallium	203-1	1426751	1426925	1416239	1423305	0.43	cps
Thallium	205-1	3448242	3488911	3448171	3461775	0.68	cps
Tin	118-1	3000006	3008506	2983147	2997220	0.43	cps
Titanium	47-1	471059	474451	471800	472436	0.38	cps
Uranium	238-1	11680936	11806533	11677599	11721689	0.63	cps
Vanadium	51-2	44577	45009	44467	44684	0.64	cps
Yttrium	89-1	11009567	10911538	10939449	10953518	0.46	cps
Yttrium	89-2	273514	275417	273337	274089	0.42	cps
Zinc	66-2	20769	19734	19858	20120	2.81	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 14:35:19	DataFile Name :	016ICV01_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6046751	6099534	6057741	6068009	0.46	cps
Zirconium	91-1	1339214	1345682	1333100	1339332	0.47	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	75	78	6.19	cps
Antimony	121-1	16311	15910	16019	16080	1.29	cps
Arsenic	75-2	83	78	87	83	5.63	cps
Barium	135-1	16586	16478	17279	16781	2.59	cps
Barium	137-1	29008	28131	28958	28699	1.72	cps
Beryllium	9-1	1111	1222	1200	1178	4.99	cps
Bismuth	209-1	9195657	8676564	9104817	8992346	3.08	cps
Bismuth	209-2	2364979	2393355	2432805	2397046	1.42	cps
Boron	10-1	3809	3967	3917	3898	2.08	cps
Boron	11-1	18412	19539	19164	19038	3.01	cps
Cadmium	111-1	3575	3634	3361	3523	4.08	cps
Cadmium	106-1	2934	2934	2550	2806	7.89	cps
Cadmium	108-1	196	142	113	150	28.19	cps
Calcium	43-1	9846	8937	9378	9387	4.84	cps
Calcium	44-1	160533	158960	159499	159664	0.50	cps
Chromium	52-2	1823	1637	1787	1749	5.66	cps
Cobalt	59-2	1430	1320	1500	1417	6.41	cps
Copper	63-2	2984	3037	2950	2990	1.46	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	42	92	69	36.66	cps
Erbium	164-2	17	0	7	8	107.84	cps
Gadolinium	160-1	100	83	100	94	10.19	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	14057930	13168122	13877159	13701070	3.43	cps
Holmium	165-2	2816676	2808313	2864436	2829808	1.07	cps
Indium	115-1	10836380	10152829	10621466	10536892	3.32	cps
Indium	115-2	389322	384233	392991	388849	1.13	cps
Iron	56-2	22224	22446	22179	22283	0.64	cps
Iron	57-2	544	550	539	544	1.02	cps
Krypton	83-1	283	317	317	306	6.30	cps
Lead	206-1	5818	6246	6179	6081	3.79	cps
Lead	207-1	5285	5362	5351	5333	0.79	cps
Lead	208-1	24154	24009	24249	24137	0.50	cps
Lithium	6-1	2352591	2246119	2333222	2310644	2.45	cps
Magnesium	24-2	11405	10846	11130	11127	2.51	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	177	203	189	7.13	cps
Molybdenum	94-1	14784	14767	14592	14714	0.72	cps
Molybdenum	95-1	15843	16803	16994	16547	3.73	cps
Molybdenum	96-1	18472	18622	19381	18825	2.59	cps
Molybdenum	97-1	10705	10646	10338	10563	1.87	cps
Molybdenum	98-1	26944	27120	26936	27000	0.38	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	483	583	548	10.21	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	7177	7144	7244	7188	0.71	cps
Rhodium	103-1	10158937	9638608	10048892	9948812	2.76	cps
Rhodium	103-2	2598675	2591953	2634065	2608231	0.87	cps
Scandium	45-1	6280685	5900636	6119048	6100123	3.13	cps
Scandium	45-2	38339	38165	38757	38420	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	598	519	503	540	9.42	cps
Silicon	28-1	366802	371998	366405	368402	0.85	cps
Silver	109-1	8169	7919	8628	8239	4.36	cps
Silver	107-1	9029	8586	8770	8795	2.53	cps
Sodium	23-2	29440	28446	31026	29637	4.39	cps
Strontium	86-1	2675	2634	2742	2684	2.04	cps
Strontium	88-1	19131	19097	18905	19044	0.64	cps
Sulfur	34-1	406439	405109	408672	406740	0.44	cps
Terbium	159-1	14376875	13537345	14097088	14003769	3.05	cps
Terbium	159-2	2715341	2697787	2722757	2711962	0.47	cps
Thallium	203-1	6861	6977	7352	7063	3.64	cps
Thallium	205-1	16820	17237	17171	17076	1.31	cps
Tin	118-1	29375	28256	29174	28935	2.06	cps
Titanium	47-1	4609	4768	4634	4670	1.82	cps
Uranium	238-1	21811	21628	22179	21873	1.28	cps
Vanadium	51-2	2170	2054	2310	2178	5.90	cps
Yttrium	89-1	11102976	10449863	11001078	10851306	3.24	cps
Yttrium	89-2	282165	280441	283474	282027	0.54	cps
Zinc	66-2	290	317	280	296	6.41	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:07:54	DataFile Name :	020LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14600	14583	15167	14783	2.25	cps
Zirconium	91-1	3276	3234	3017	3176	4.37	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	0	11	114.58	cps
Antimony	121-1	442	367	375	394	10.42	cps
Arsenic	75-2	4	2	13	6	96.48	cps
Barium	135-1	67	33	50	50	33.34	cps
Barium	137-1	83	83	58	75	19.24	cps
Beryllium	9-1	122	67	94	94	29.41	cps
Bismuth	209-1	9064252	9132925	9206843	9134673	0.78	cps
Bismuth	209-2	2304272	2375353	2416638	2365421	2.40	cps
Boron	10-1	1183	1342	1133	1220	8.92	cps
Boron	11-1	5535	5193	5176	5301	3.82	cps
Cadmium	111-1	1939	1877	1792	1870	3.95	cps
Cadmium	106-1	2775	2642	2567	2661	3.97	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	633	608	583	608	4.11	cps
Calcium	44-1	16611	16970	17103	16894	1.51	cps
Chromium	52-2	470	440	400	437	8.04	cps
Cobalt	59-2	83	100	57	80	27.32	cps
Copper	63-2	293	323	433	350	21.06	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	125	75	117	106	25.38	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	13696613	13816895	13943410	13818973	0.89	cps
Holmium	165-2	2757522	2810167	2876722	2814803	2.12	cps
Indium	115-1	10633491	10548020	10643955	10608488	0.50	cps
Indium	115-2	379402	389595	388380	385792	1.44	cps
Iron	56-2	1017	967	1122	1035	7.67	cps
Iron	57-2	56	6	28	30	84.54	cps
Krypton	83-1	337	287	327	317	8.36	cps
Lead	206-1	350	450	378	393	13.15	cps
Lead	207-1	367	289	372	343	13.60	cps
Lead	208-1	1678	1695	1561	1645	4.42	cps
Lithium	6-1	2284798	2302075	2361922	2316265	1.75	cps
Magnesium	24-2	200	208	208	206	2.34	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	7	3	10	88.20	cps
Molybdenum	94-1	592	708	675	658	9.13	cps
Molybdenum	95-1	192	233	208	211	9.93	cps
Molybdenum	96-1	392	400	333	375	9.69	cps
Molybdenum	97-1	142	133	208	161	25.52	cps
Molybdenum	98-1	358	342	408	369	9.39	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	117	147	129	12.22	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1817	1834	1517	1722	10.35	cps
Rhodium	103-1	9899267	10012185	10090473	10000642	0.96	cps
Rhodium	103-2	2506745	2629671	2629179	2588532	2.74	cps
Scandium	45-1	6112331	6132118	6177307	6140585	0.54	cps
Scandium	45-2	36120	38526	38129	37592	3.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	-17	-10	10	-6	-255.40	cps
Silicon	28-1	309702	312301	312735	311579	0.53	cps
Silver	109-1	133	50	67	83	52.92	cps
Silver	107-1	108	142	142	131	14.74	cps
Sodium	23-2	4693	4426	4418	4512	3.47	cps
Strontium	86-1	433	442	358	411	11.16	cps
Strontium	88-1	233	258	175	222	19.24	cps
Sulfur	34-1	405590	408875	409923	408129	0.55	cps
Terbium	159-1	13937985	14124071	14263791	14108616	1.16	cps
Terbium	159-2	2596973	2715972	2719257	2677401	2.60	cps
Thallium	203-1	483	358	517	453	18.43	cps
Thallium	205-1	1075	883	1083	1014	11.16	cps
Tin	118-1	1559	1459	1417	1478	4.93	cps
Titanium	47-1	142	192	142	158	18.23	cps
Uranium	238-1	42	58	25	42	40.00	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	10772002	10943561	11030645	10915403	1.21	cps
Yttrium	89-2	273059	281136	283459	279218	1.95	cps
Zinc	66-2	70	43	73	62	26.43	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:11:15	DataFile Name :	021CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1533	1375	1425	1445	5.60	cps
Zirconium	91-1	292	325	292	303	6.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380875	374510	372664	376016	1.15	cps
Antimony	121-1	8870	9304	9104	9092	2.39	cps
Arsenic	75-2	17	22	22	20	15.73	cps
Barium	135-1	2784	2600	2867	2750	4.96	cps
Barium	137-1	4459	4576	4534	4523	1.31	cps
Beryllium	9-1	333	439	367	380	14.21	cps
Bismuth	209-1	9108970	9017866	8846027	8990954	1.49	cps
Bismuth	209-2	2222409	2188386	2073851	2161549	3.60	cps
Boron	10-1	1267	1275	1258	1267	0.66	cps
Boron	11-1	5618	5693	5876	5729	2.32	cps
Cadmium	111-1	2608	2292	2266	2389	7.97	cps
Cadmium	106-1	2600	2609	2534	2581	1.59	cps
Cadmium	108-1	1125	1304	1279	1236	7.85	cps
Calcium	43-1	1743117	1761661	1755752	1753510	0.54	cps
Calcium	44-1	28453365	28570441	28480211	28501339	0.22	cps
Chromium	52-2	11762	11989	11608	11786	1.62	cps
Cobalt	59-2	1553	1643	1553	1583	3.28	cps
Copper	63-2	9170	8816	9096	9028	2.07	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	117	42	50	69	59.19	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	150	100	133	128	19.93	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	14222687	14329122	13956443	14169417	1.35	cps
Holmium	165-2	2752946	2682936	2548979	2661620	3.89	cps
Indium	115-1	10528531	10507764	10373457	10469917	0.80	cps
Indium	115-2	351925	345379	332480	343262	2.88	cps
Iron	56-2	38890174	38724512	38185247	38599978	0.95	cps
Iron	57-2	979176	968580	953592	967116	1.33	cps
Krypton	83-1	293	337	263	298	12.38	cps
Lead	206-1	26806	26857	27386	27016	1.19	cps
Lead	207-1	21168	21636	21424	21409	1.09	cps
Lead	208-1	100874	101749	101804	101476	0.51	cps
Lithium	6-1	2242985	2177137	2194615	2204912	1.55	cps
Magnesium	24-2	2050871	2054904	2031682	2045819	0.61	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1170	1243	1143	1186	4.37	cps
Molybdenum	94-1	3812267	3803791	3803711	3806590	0.13	cps
Molybdenum	95-1	6709362	6599921	6624002	6644428	0.87	cps
Molybdenum	96-1	7157217	7170417	7125513	7151049	0.32	cps
Molybdenum	97-1	4312247	4253786	4262825	4276286	0.74	cps
Molybdenum	98-1	10693955	10756356	10675637	10708649	0.40	cps
Neodymium	150-1	40	80	27	49	56.77	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	2217	2074	2104	2131	3.55	cps
Phosphorus	31-2	24313	23804	24689	24269	1.83	cps
Potassium	39-2	980678	965560	964457	970232	0.93	cps
Rhodium	103-1	9630494	9529984	9599372	9586617	0.54	cps
Rhodium	103-2	2358474	2299793	2195939	2284735	3.60	cps
Scandium	45-1	5948255	6011461	5876666	5945460	1.13	cps
Scandium	45-2	35148	34078	31569	33598	5.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-19	-42	47	-5	-959.35	cps
Silicon	28-1	402999	406575	401424	403666	0.65	cps
Silver	109-1	308	567	433	436	29.62	cps
Silver	107-1	417	583	433	478	19.21	cps
Sodium	23-2	4732367	4684928	4616253	4677850	1.25	cps
Strontium	86-1	72425	72293	70239	71652	1.71	cps
Strontium	88-1	624914	628049	623724	625562	0.36	cps
Sulfur	34-1	2426465	2389341	2394782	2403529	0.83	cps
Terbium	159-1	14481844	14411593	14197172	14363537	1.03	cps
Terbium	159-2	2577325	2517393	2435866	2510195	2.83	cps
Thallium	203-1	842	867	642	783	15.74	cps
Thallium	205-1	1700	1884	1659	1747	6.85	cps
Tin	118-1	2192	2350	2209	2250	3.87	cps
Titanium	47-1	1800635	1829562	1818426	1816208	0.80	cps
Uranium	238-1	358	400	492	417	16.37	cps
Vanadium	51-2	77	73	63	71	9.76	cps
Yttrium	89-1	10950252	10799385	10693610	10814416	1.19	cps
Yttrium	89-2	256928	251658	240042	249543	3.46	cps
Zinc	66-2	1163	1087	1143	1131	3.52	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:14:35	DataFile Name :	022ICSA01_P8071618-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11055	9579	8128	9587	15.27	cps
Zirconium	91-1	2325	2009	1792	2042	13.14	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383089	375428	376746	378421	1.08	cps
Antimony	121-1	167141	165353	164383	165626	0.84	cps
Arsenic	75-2	1224	1252	1352	1276	5.27	cps
Barium	135-1	37128	38248	37839	37738	1.50	cps
Barium	137-1	65086	67305	65664	66018	1.74	cps
Beryllium	9-1	22129	22067	22168	22121	0.23	cps
Bismuth	209-1	9066232	8996251	9118475	9060319	0.68	cps
Bismuth	209-2	2187199	2184327	2222187	2197904	0.96	cps
Boron	10-1	8378	8870	8394	8547	3.27	cps
Boron	11-1	39506	40592	39430	39843	1.63	cps
Cadmium	111-1	36634	36507	35741	36294	1.33	cps
Cadmium	106-1	7127	6960	7152	7080	1.47	cps
Cadmium	108-1	3880	3930	3867	3892	0.85	cps
Calcium	43-1	1772709	1779409	1735690	1762603	1.34	cps
Calcium	44-1	28460116	28615114	28409739	28494990	0.38	cps
Chromium	52-2	23049	22582	23426	23019	1.84	cps
Cobalt	59-2	27858	27761	27467	27696	0.73	cps
Copper	63-2	32445	32331	31947	32241	0.81	cps
Dysprosium	156-1	17	58	83	53	63.81	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	92	92	42	75	38.49	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	183	158	75	139	40.84	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Holmium	165-1	14364777	14148361	14211133	14241424	0.78	cps
Holmium	165-2	2748050	2732229	2759169	2746483	0.49	cps
Indium	115-1	10437785	10443785	10580495	10487355	0.77	cps
Indium	115-2	354939	354250	356892	355360	0.39	cps
Iron	56-2	39326470	38183468	38701906	38737281	1.48	cps
Iron	57-2	988978	958546	970235	972586	1.58	cps
Krypton	83-1	300	297	263	287	7.07	cps
Lead	206-1	142327	144350	140355	142344	1.40	cps
Lead	207-1	119647	119250	117808	118902	0.81	cps
Lead	208-1	555484	554132	550516	553377	0.46	cps
Lithium	6-1	2222974	2198939	2224110	2215341	0.64	cps
Magnesium	24-2	2057697	2014606	2040823	2037709	1.07	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4281	4411	4427	4373	1.84	cps
Molybdenum	94-1	4152165	4157218	4090113	4133165	0.90	cps
Molybdenum	95-1	6804502	6921432	6755558	6827164	1.25	cps
Molybdenum	96-1	7354135	7488876	7380189	7407733	0.96	cps
Molybdenum	97-1	4402112	4387904	4324510	4371509	0.95	cps
Molybdenum	98-1	11083853	10995807	10991562	11023741	0.47	cps
Neodymium	150-1	53	60	47	53	12.50	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	10271	9667	10120	10019	3.14	cps
Phosphorus	31-2	24388	24572	23796	24252	1.67	cps
Potassium	39-2	992267	965264	977098	978209	1.38	cps
Rhodium	103-1	9649660	9639135	9703273	9664023	0.36	cps
Rhodium	103-2	2347505	2370114	2382871	2366830	0.76	cps
Scandium	45-1	6052562	5946259	6094852	6031224	1.27	cps
Scandium	45-2	34710	34442	35194	34782	1.10	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	20	19	31	23	29.88	cps
Selenium	82-1	2073	2160	2138	2124	2.14	cps
Silicon	28-1	613351	613958	609952	612420	0.35	cps
Silver	109-1	155336	157165	154469	155656	0.88	cps
Silver	107-1	165150	162856	159989	162665	1.59	cps
Sodium	23-2	4741947	4667890	4723771	4711203	0.82	cps
Strontium	86-1	189657	190644	189885	190062	0.27	cps
Strontium	88-1	1683279	1680732	1674373	1679461	0.27	cps
Sulfur	34-1	2394124	2407106	2395159	2398797	0.30	cps
Terbium	159-1	14514014	14549033	14510515	14524520	0.15	cps
Terbium	159-2	2571050	2541519	2606538	2573036	1.27	cps
Thallium	203-1	141311	142365	141456	141711	0.40	cps
Thallium	205-1	342214	345066	340766	342682	0.64	cps
Tin	118-1	315851	317692	313331	315625	0.69	cps
Titanium	47-1	1878905	1856126	1852733	1862588	0.76	cps
Uranium	238-1	1296967	1307353	1298152	1300824	0.44	cps
Vanadium	51-2	8236	8223	8443	8300	1.49	cps
Yttrium	89-1	10922503	10865330	10969837	10919223	0.48	cps
Yttrium	89-2	259539	258196	260849	259528	0.51	cps
Zinc	66-2	3144	2904	3017	3021	3.97	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:17:50	DataFile Name :	023ICSB_P8071618-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	643474	651009	644280	646254	0.64	cps
Zirconium	91-1	142370	140357	140554	141094	0.79	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232448	228265	231458	230724	0.95	cps
Antimony	121-1	4018500	4065893	4085092	4056495	0.84	cps
Arsenic	75-2	34868	35096	34931	34965	0.34	cps
Barium	135-1	4452966	4456246	4444311	4451174	0.14	cps
Barium	137-1	7614921	7684620	7681523	7660354	0.51	cps
Beryllium	9-1	560946	566551	569446	565648	0.76	cps
Bismuth	209-1	8134512	8844154	8660938	8546535	4.31	cps
Bismuth	209-2	2217285	2224643	2216234	2219387	0.21	cps
Boron	10-1	62001	64579	65960	64180	3.13	cps
Boron	11-1	293201	301569	308288	301019	2.51	cps
Cadmium	111-1	851698	855118	854279	853698	0.21	cps
Cadmium	106-1	92935	93137	93028	93034	0.11	cps
Cadmium	108-1	61364	61540	61410	61438	0.15	cps
Calcium	43-1	4549804	4546215	4568540	4554853	0.26	cps
Calcium	44-1	73694110	74106633	74656883	74152542	0.65	cps
Chromium	52-2	326800	326221	330295	327772	0.67	cps
Cobalt	59-2	707539	706547	704730	706272	0.20	cps
Copper	63-2	1201468	1199384	1212372	1204408	0.58	cps
Dysprosium	156-1	125	42	42	69	69.28	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	100	83	42	75	40.06	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	117	200	125	147	31.17	cps
Gadolinium	160-2	13	40	23	26	52.73	cps
Holmium	165-1	12888336	14155250	13985852	13676480	5.03	cps
Holmium	165-2	2774510	2755097	2783695	2771101	0.53	cps
Indium	115-1	9578189	10431933	10284951	10098358	4.52	cps
Indium	115-2	364285	365888	372374	367516	1.17	cps
Iron	56-2	53266090	52689319	53025819	52993743	0.55	cps
Iron	57-2	1334525	1327373	1344831	1335576	0.66	cps
Krypton	83-1	350	320	357	342	5.71	cps
Lead	206-1	2896761	2895996	2896043	2896267	0.01	cps
Lead	207-1	2642620	2668833	2642168	2651207	0.58	cps
Lead	208-1	11791226	11835597	11726561	11784462	0.47	cps
Lithium	6-1	2081446	2222432	2236234	2180037	3.93	cps
Magnesium	24-2	5779191	5771629	5810938	5787253	0.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171846	170054	174120	172006	1.18	cps
Molybdenum	94-1	7091786	7117884	7152327	7120666	0.43	cps
Molybdenum	95-1	8833483	8780486	8787520	8800496	0.33	cps
Molybdenum	96-1	9796203	9734350	9768817	9766457	0.32	cps
Molybdenum	97-1	5575096	5603984	5586950	5588677	0.26	cps
Molybdenum	98-1	14096683	14071151	14099347	14089060	0.11	cps
Neodymium	150-1	227	180	220	209	12.08	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	211117	208234	209808	209720	0.69	cps
Phosphorus	31-2	2392	2567	2767	2575	7.29	cps
Potassium	39-2	1413273	1384218	1398540	1398677	1.04	cps
Rhodium	103-1	8817878	9569940	9456915	9281578	4.37	cps
Rhodium	103-2	2387995	2388301	2401988	2392761	0.33	cps
Scandium	45-1	5602686	6090825	6029113	5907541	4.50	cps
Scandium	45-2	37019	38459	38326	37935	2.10	cps
Selenium	77-2	253	257	263	258	1.98	cps
Selenium	78-2	770	783	828	794	3.79	cps
Selenium	82-1	52239	52469	52847	52518	0.58	cps
Silicon	28-1	2172265	2193027	2207437	2190910	0.81	cps
Silver	109-1	4043048	4076283	4099307	4072879	0.69	cps
Silver	107-1	4232695	4268051	4264348	4255031	0.46	cps
Sodium	23-2	13000170	12982717	13048017	13010301	0.26	cps
Strontium	86-1	1102304	1104075	1104326	1103568	0.10	cps
Strontium	88-1	9500947	9614101	9508260	9541103	0.66	cps
Sulfur	34-1	630520	640394	644514	638476	1.13	cps
Terbium	159-1	13174553	14428885	14176393	13926610	4.76	cps
Terbium	159-2	2610577	2596815	2690563	2632652	1.92	cps
Thallium	203-1	3505424	3572680	3574437	3550847	1.11	cps
Thallium	205-1	8293300	8338612	8355090	8329001	0.38	cps
Tin	118-1	2868066	2897922	2885617	2883868	0.52	cps
Titanium	47-1	2340376	2348927	2366528	2351944	0.57	cps
Uranium	238-1	11963213	11779232	11766780	11836409	0.93	cps
Vanadium	51-2	237251	234364	237895	236503	0.80	cps
Yttrium	89-1	10149796	10964497	10860061	10658118	4.16	cps
Yttrium	89-2	273006	274724	277217	274982	0.77	cps
Zinc	66-2	99067	98550	99530	99049	0.49	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:21:05	DataFile Name :	024CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6053901	6022480	6053104	6043162	0.30	cps
Zirconium	91-1	1331179	1327651	1321020	1326617	0.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	2184	2217	2550	2317	8.75	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	92	50	83	75	29.40	cps
Barium	137-1	108	133	58	100	38.19	cps
Beryllium	9-1	150	194	128	157	21.56	cps
Bismuth	209-1	9281457	9041521	9302796	9208591	1.58	cps
Bismuth	209-2	2181668	2326131	2345163	2284321	3.91	cps
Boron	10-1	1325	1283	1067	1225	11.32	cps
Boron	11-1	5560	5810	5218	5529	5.37	cps
Cadmium	111-1	1954	1541	1772	1755	11.79	cps
Cadmium	106-1	2775	2175	2525	2492	12.10	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	592	508	592	564	8.53	cps
Calcium	44-1	18613	18004	19206	18608	3.23	cps
Chromium	52-2	407	350	467	408	14.31	cps
Cobalt	59-2	57	60	70	62	11.15	cps
Copper	63-2	343	380	363	362	5.07	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	92	75	117	94	22.21	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	13909132	13862928	14130991	13967683	1.03	cps
Holmium	165-2	2594680	2743222	2760885	2699596	3.38	cps
Indium	115-1	10840150	10619775	10898204	10786043	1.36	cps
Indium	115-2	356849	375603	377489	369980	3.08	cps
Iron	56-2	1695	1683	1717	1698	1.00	cps
Iron	57-2	22	28	22	24	13.33	cps
Krypton	83-1	260	263	333	286	14.50	cps
Lead	206-1	583	683	556	607	11.06	cps
Lead	207-1	617	567	678	620	8.97	cps
Lead	208-1	2522	2645	2539	2569	2.58	cps
Lithium	6-1	2356414	2293955	2386177	2345515	2.01	cps
Magnesium	24-2	208	175	208	197	9.76	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	37	37	30	38.49	cps
Molybdenum	94-1	1700	1467	1200	1456	17.19	cps
Molybdenum	95-1	1750	1317	1167	1411	21.47	cps
Molybdenum	96-1	2084	1659	1725	1822	12.54	cps
Molybdenum	97-1	1208	842	908	986	19.81	cps
Molybdenum	98-1	2767	2150	2092	2336	16.01	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	100	127	111	12.49	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1725	1950	1984	1886	7.45	cps
Rhodium	103-1	10154697	9990501	10224978	10123392	1.19	cps
Rhodium	103-2	2387197	2490712	2545983	2474631	3.26	cps
Scandium	45-1	6171223	6065519	6251612	6162785	1.51	cps
Scandium	45-2	35582	37417	37353	36784	2.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	51	68	-21	33	144.66	cps
Silicon	28-1	315147	304605	301932	307228	2.27	cps
Silver	109-1	208	200	192	200	4.16	cps
Silver	107-1	375	292	267	311	18.23	cps
Sodium	23-2	6502	6360	5893	6252	5.09	cps
Strontium	86-1	542	417	442	467	14.17	cps
Strontium	88-1	283	233	258	258	9.68	cps
Sulfur	34-1	385207	385456	383567	384743	0.27	cps
Terbium	159-1	14360567	14011847	14355157	14242524	1.40	cps
Terbium	159-2	2459631	2630388	2609317	2566445	3.63	cps
Thallium	203-1	500	592	550	547	8.39	cps
Thallium	205-1	1592	1333	1283	1403	11.80	cps
Tin	118-1	2059	1934	1784	1925	7.15	cps
Titanium	47-1	150	158	175	161	7.90	cps
Uranium	238-1	50	42	150	81	74.84	cps
Vanadium	51-2	3	10	13	9	57.30	cps
Yttrium	89-1	11119241	11003190	11157884	11093439	0.73	cps
Yttrium	89-2	257187	270567	274776	267510	3.43	cps
Zinc	66-2	40	63	40	48	28.19	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:29:38	DataFile Name :	025CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2025	1992	2250	2089	6.73	cps
Zirconium	91-1	417	417	525	453	13.81	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	150	106	36.46	cps
Antimony	121-1	16586	15943	16044	16191	2.13	cps
Arsenic	75-2	70	98	59	76	26.38	cps
Barium	135-1	16836	16678	16077	16530	2.42	cps
Barium	137-1	28323	29434	29050	28936	1.95	cps
Beryllium	9-1	1200	1122	1111	1145	4.23	cps
Bismuth	209-1	9134917	9167970	9265350	9189413	0.74	cps
Bismuth	209-2	2377436	2220653	2361335	2319808	3.72	cps
Boron	10-1	3767	3976	3834	3859	2.76	cps
Boron	11-1	17628	17278	17795	17567	1.50	cps
Cadmium	111-1	3314	3317	3640	3423	5.48	cps
Cadmium	106-1	2675	2650	3000	2775	7.04	cps
Cadmium	108-1	150	121	188	153	21.88	cps
Calcium	43-1	9404	9512	8828	9248	3.97	cps
Calcium	44-1	156294	156935	155207	156145	0.56	cps
Chromium	52-2	1667	1657	1617	1647	1.61	cps
Cobalt	59-2	1503	1497	1467	1489	1.31	cps
Copper	63-2	2807	2720	2720	2749	1.82	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	117	100	150	122	20.83	cps
Gadolinium	160-2	7	13	30	17	72.11	cps
Holmium	165-1	13898967	13894472	13986835	13926758	0.37	cps
Holmium	165-2	2807719	2694707	2767245	2756557	2.08	cps
Indium	115-1	10651952	10802921	10736289	10730387	0.71	cps
Indium	115-2	383148	366824	381423	377132	2.38	cps
Iron	56-2	21600	22491	22112	22068	2.02	cps
Iron	57-2	511	500	628	546	12.96	cps
Krypton	83-1	327	313	350	330	5.62	cps
Lead	206-1	5968	6091	6263	6107	2.42	cps
Lead	207-1	5318	5690	5696	5568	3.89	cps
Lead	208-1	24772	24894	24615	24760	0.56	cps
Lithium	6-1	2298426	2300405	2323129	2307320	0.59	cps
Magnesium	24-2	11222	10229	11372	10941	5.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	167	157	172	11.01	cps
Molybdenum	94-1	14066	14300	13891	14086	1.46	cps
Molybdenum	95-1	16235	16794	15968	16333	2.58	cps
Molybdenum	96-1	18422	18321	19164	18636	2.47	cps
Molybdenum	97-1	10446	10571	10905	10641	2.23	cps
Molybdenum	98-1	27003	27028	26435	26822	1.25	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	563	493	500	519	7.45	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	6935	6694	7252	6960	4.03	cps
Rhodium	103-1	10142752	9996657	10137436	10092281	0.82	cps
Rhodium	103-2	2538988	2497172	2512615	2516258	0.84	cps
Scandium	45-1	6103791	6183199	6135615	6140869	0.65	cps
Scandium	45-2	38045	36016	37650	37237	2.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	13	11	12	9.11	cps
Selenium	82-1	602	524	445	524	14.96	cps
Silicon	28-1	358220	359243	352778	356747	0.97	cps
Silver	109-1	8078	8603	8211	8297	3.29	cps
Silver	107-1	8395	9045	8386	8609	4.39	cps
Sodium	23-2	29849	29665	29490	29668	0.61	cps
Strontium	86-1	2650	2925	2542	2706	7.30	cps
Strontium	88-1	18179	17887	18296	18121	1.16	cps
Sulfur	34-1	387718	387327	387692	387579	0.06	cps
Terbium	159-1	14128787	14231901	14314180	14224956	0.65	cps
Terbium	159-2	2660112	2563799	2621504	2615139	1.85	cps
Thallium	203-1	6961	7419	7794	7391	5.65	cps
Thallium	205-1	16703	17671	17221	17199	2.82	cps
Tin	118-1	28415	27437	27629	27827	1.86	cps
Titanium	47-1	4418	4951	4526	4632	6.09	cps
Uranium	238-1	22179	21904	21703	21929	1.09	cps
Vanadium	51-2	2230	2097	2310	2212	4.87	cps
Yttrium	89-1	11057754	10973411	11116814	11049326	0.65	cps
Yttrium	89-2	276437	267489	275450	273125	1.80	cps
Zinc	66-2	237	290	273	267	10.23	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:36:38	DataFile Name :	027LLCC_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13691	13874	13799	13788	0.67	cps
Zirconium	91-1	2942	2975	3092	3003	2.62	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	33	14	124.91	cps
Antimony	121-1	542	558	633	578	8.45	cps
Arsenic	75-2	0	9	2	4	132.32	cps
Barium	135-1	83	33	58	58	42.85	cps
Barium	137-1	58	92	133	94	39.79	cps
Beryllium	9-1	128	106	83	106	21.05	cps
Bismuth	209-1	9183164	9164909	9021214	9123096	0.97	cps
Bismuth	209-2	2323247	2393357	2333212	2349939	1.61	cps
Boron	10-1	1017	1108	1108	1078	4.91	cps
Boron	11-1	4518	4251	4318	4362	3.18	cps
Cadmium	111-1	1763	1837	1857	1819	2.74	cps
Cadmium	106-1	2509	2600	2642	2584	2.64	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	658	583	642	628	6.27	cps
Calcium	44-1	18196	17754	17003	17651	3.42	cps
Chromium	52-2	380	393	427	400	6.01	cps
Cobalt	59-2	70	63	57	63	10.52	cps
Copper	63-2	330	377	370	359	7.03	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	92	133	142	122	21.92	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	14035941	13784898	13608407	13809749	1.56	cps
Holmium	165-2	2783627	2841396	2767062	2797362	1.40	cps
Indium	115-1	10789022	10594235	10553431	10645563	1.18	cps
Indium	115-2	379779	387095	377412	381429	1.32	cps
Iron	56-2	1272	1361	1267	1300	4.08	cps
Iron	57-2	39	33	44	39	14.30	cps
Krypton	83-1	300	343	300	314	7.96	cps
Lead	206-1	517	444	456	472	8.23	cps
Lead	207-1	422	450	400	424	5.91	cps
Lead	208-1	1989	1850	1756	1865	6.29	cps
Lithium	6-1	2311901	2281991	2228354	2274082	1.86	cps
Magnesium	24-2	167	258	283	236	26.02	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	50	23	27	81.96	cps
Molybdenum	94-1	967	758	825	850	12.52	cps
Molybdenum	95-1	533	400	467	467	14.29	cps
Molybdenum	96-1	600	733	733	689	11.17	cps
Molybdenum	97-1	450	217	250	306	41.30	cps
Molybdenum	98-1	883	883	617	795	19.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	87	137	108	24.02	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	1684	1950	1934	1856	8.05	cps
Rhodium	103-1	10183128	10004685	9785973	9991262	1.99	cps
Rhodium	103-2	2500811	2590303	2503106	2531406	2.02	cps
Scandium	45-1	6115941	6127466	6058533	6100646	0.61	cps
Scandium	45-2	36768	37898	37022	37229	1.59	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	28	-52	22	0	-9724.52	cps
Silicon	28-1	303573	304152	305217	304314	0.27	cps
Silver	109-1	200	133	92	142	38.57	cps
Silver	107-1	150	208	142	167	21.79	cps
Sodium	23-2	5660	5185	5443	5429	4.38	cps
Strontium	86-1	542	483	442	489	10.27	cps
Strontium	88-1	275	208	200	228	18.05	cps
Sulfur	34-1	387486	385521	383138	385382	0.57	cps
Terbium	159-1	14182317	14188734	13908286	14093112	1.14	cps
Terbium	159-2	2633983	2687355	2614066	2645135	1.43	cps
Thallium	203-1	425	300	517	414	26.28	cps
Thallium	205-1	1158	1092	1000	1083	7.34	cps
Tin	118-1	1592	1350	1217	1386	13.71	cps
Titanium	47-1	192	192	200	194	2.47	cps
Uranium	238-1	33	67	8	36	81.06	cps
Vanadium	51-2	3	0	20	8	137.80	cps
Yttrium	89-1	11124166	10919315	10845755	10963079	1.32	cps
Yttrium	89-2	273243	278206	270229	273893	1.47	cps
Zinc	66-2	60	73	50	61	19.16	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BL	Instrumnet Name :	P8
Client Sample ID :	PB111121BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:39:58	DataFile Name :	028CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1283	1333	1367	1328	3.16	cps
Zirconium	91-1	350	283	250	294	17.29	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43718	44044	44320	44027	0.68	cps
Antimony	121-1	4087420	4089247	3980070	4052245	1.54	cps
Arsenic	75-2	33619	34233	33502	33784	1.16	cps
Barium	135-1	4400105	4416164	4329188	4381819	1.06	cps
Barium	137-1	7623918	7551165	7396553	7523879	1.54	cps
Beryllium	9-1	554486	557107	545730	552441	1.08	cps
Bismuth	209-1	8973268	9062476	8735120	8923621	1.90	cps
Bismuth	209-2	2327775	2297332	2282429	2302512	1.00	cps
Boron	10-1	59005	60721	61374	60367	2.03	cps
Boron	11-1	275095	287800	287443	283446	2.55	cps
Cadmium	111-1	867487	862957	849264	859903	1.10	cps
Cadmium	106-1	95611	92851	92148	93537	1.96	cps
Cadmium	108-1	62846	61875	60598	61773	1.82	cps
Calcium	43-1	903703	908207	882876	898262	1.50	cps
Calcium	44-1	14752842	14836200	14653222	14747421	0.62	cps
Chromium	52-2	308712	306311	307781	307602	0.39	cps
Cobalt	59-2	686001	693010	687935	688982	0.53	cps
Copper	63-2	1208624	1217277	1208269	1211390	0.42	cps
Dysprosium	156-1	108	117	83	103	16.88	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	158	125	158	147	13.07	cps
Gadolinium	160-2	43	10	23	26	65.65	cps
Holmium	165-1	14041046	14078937	13316660	13812214	3.11	cps
Holmium	165-2	2798361	2794403	2785354	2792706	0.24	cps
Indium	115-1	10635664	10515203	10059356	10403408	2.92	cps
Indium	115-2	373012	371841	368385	371079	0.65	cps
Iron	56-2	10414533	10437851	10379127	10410504	0.28	cps
Iron	57-2	261543	262822	261612	261993	0.27	cps
Krypton	83-1	363	370	397	377	4.68	cps
Lead	206-1	2891769	2882540	2809586	2861298	1.57	cps
Lead	207-1	2652489	2636275	2580742	2623168	1.43	cps
Lead	208-1	11815957	11768943	11503869	11696256	1.44	cps
Lithium	6-1	2271096	2283521	2153423	2236014	3.21	cps
Magnesium	24-2	1115255	1103534	1114340	1111043	0.59	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164924	166829	166408	166053	0.60	cps
Molybdenum	94-1	6986366	6995442	6914457	6965422	0.64	cps
Molybdenum	95-1	8656440	8589699	8495674	8580604	0.94	cps
Molybdenum	96-1	9604588	9614608	9358569	9525922	1.52	cps
Molybdenum	97-1	5445841	5461953	5356804	5421533	1.04	cps
Molybdenum	98-1	13849016	13813984	13575370	13746124	1.08	cps
Neodymium	150-1	233	313	273	273	14.63	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	203537	204140	204576	204084	0.26	cps
Phosphorus	31-2	2692	2692	2584	2656	2.36	cps
Potassium	39-2	262649	263903	262137	262896	0.35	cps
Rhodium	103-1	9880844	9761416	9445314	9695858	2.32	cps
Rhodium	103-2	2456382	2464098	2415240	2445240	1.07	cps
Scandium	45-1	6050982	6147426	5810102	6002837	2.89	cps
Scandium	45-2	36521	37179	36588	36763	0.99	cps
Selenium	77-2	183	250	203	212	16.12	cps
Selenium	78-2	796	796	857	817	4.32	cps
Selenium	82-1	52512	52749	51374	52212	1.41	cps
Silicon	28-1	2105993	2107031	2080251	2097758	0.72	cps
Silver	109-1	4197921	4150624	4093141	4147229	1.27	cps
Silver	107-1	4404514	4327665	4306705	4346295	1.18	cps
Sodium	23-2	2565573	2556224	2520526	2547441	0.93	cps
Strontium	86-1	1086769	1075785	1062572	1075042	1.13	cps
Strontium	88-1	9428762	9316659	9203691	9316371	1.21	cps
Sulfur	34-1	640522	646079	629455	638685	1.33	cps
Terbium	159-1	14339586	14215001	13606311	14053633	2.79	cps
Terbium	159-2	2636819	2678061	2635086	2649989	0.92	cps
Thallium	203-1	3557691	3553044	3504657	3538464	0.83	cps
Thallium	205-1	8385069	8379896	8254532	8339832	0.89	cps
Tin	118-1	2886178	2909128	2819262	2871523	1.63	cps
Titanium	47-1	2307565	2303412	2267036	2292671	0.97	cps
Uranium	238-1	11396996	11532694	11331217	11420303	0.90	cps
Vanadium	51-2	223491	225356	224330	224392	0.42	cps
Yttrium	89-1	11008247	10911548	10463042	10794279	2.70	cps
Yttrium	89-2	272069	267784	267144	268999	1.00	cps
Zinc	66-2	99688	100920	101440	100683	0.89	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111121BS	Instrumnet Name :	P8
Client Sample ID :	PB111121BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:43:17	DataFile Name :	029LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5933649	5894678	5823777	5884035	0.95	cps
Zirconium	91-1	1301281	1302587	1283419	1295762	0.83	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	25	33	66.14	cps
Antimony	121-1	17579	14875	14817	15757	10.01	cps
Arsenic	75-2	15	22	26	21	26.98	cps
Barium	135-1	1959	1759	1675	1797	8.10	cps
Barium	137-1	3100	3492	3501	3364	6.80	cps
Beryllium	9-1	217	200	217	211	4.56	cps
Bismuth	209-1	8934635	9453836	9474658	9287710	3.29	cps
Bismuth	209-2	2218567	2187413	2135428	2180469	1.93	cps
Boron	10-1	4551	3826	3484	3954	13.78	cps
Boron	11-1	20440	17686	15668	17931	13.36	cps
Cadmium	111-1	1953	2001	1866	1940	3.55	cps
Cadmium	106-1	2225	2400	2217	2281	4.54	cps
Cadmium	108-1	25	29	46	33	33.06	cps
Calcium	43-1	46453	45935	45600	45996	0.93	cps
Calcium	44-1	763732	751243	745983	753652	1.21	cps
Chromium	52-2	1097	993	1060	1050	4.99	cps
Cobalt	59-2	73	60	53	62	16.37	cps
Copper	63-2	2714	2694	2787	2731	1.80	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	67	100	72	35.25	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	27	13	17	19	36.75	cps
Holmium	165-1	12574036	13523521	13630080	13242546	4.39	cps
Holmium	165-2	2512659	2481051	2396271	2463327	2.44	cps
Indium	115-1	9488959	10292002	10233549	10004837	4.48	cps
Indium	115-2	313321	308579	301816	307905	1.88	cps
Iron	56-2	4573	4506	4273	4451	3.54	cps
Iron	57-2	133	100	78	104	26.97	cps
Krypton	83-1	403	370	317	363	12.03	cps
Lead	206-1	4029	3462	3178	3556	12.17	cps
Lead	207-1	3378	3145	2862	3128	8.27	cps
Lead	208-1	15532	14459	12820	14270	9.57	cps
Lithium	6-1	2145215	2249521	2294249	2229662	3.43	cps
Magnesium	24-2	11380	12081	11680	11714	3.00	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	77	90	84	8.22	cps
Molybdenum	94-1	4476	3992	3667	4045	10.06	cps
Molybdenum	95-1	5243	4384	4218	4615	11.92	cps
Molybdenum	96-1	5993	5185	4743	5307	11.95	cps
Molybdenum	97-1	3317	3025	3051	3131	5.16	cps
Molybdenum	98-1	9137	7786	6927	7950	14.01	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	273	220	343	279	22.18	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	6143	6410	6885	6480	5.80	cps
Rhodium	103-1	8711417	9379111	9420864	9170464	4.34	cps
Rhodium	103-2	2185853	2138613	2095150	2139872	2.12	cps
Scandium	45-1	5115778	5358429	5356910	5277039	2.65	cps
Scandium	45-2	28168	27871	26462	27500	3.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-72	-43	73	-14	-552.66	cps
Silicon	28-1	14157713	13663839	13464981	13762178	2.59	cps
Silver	109-1	8353	8420	7894	8222	3.48	cps
Silver	107-1	9287	9095	8987	9123	1.67	cps
Sodium	23-2	170502	170748	166512	169254	1.40	cps
Strontium	86-1	55472	55815	56326	55871	0.77	cps
Strontium	88-1	478312	480083	478154	478850	0.22	cps
Sulfur	34-1	366827	354676	349485	356996	2.49	cps
Terbium	159-1	12826269	13684164	14010215	13506883	4.53	cps
Terbium	159-2	2343264	2284522	2272918	2300235	1.64	cps
Thallium	203-1	7252	5201	4043	5499	29.56	cps
Thallium	205-1	16528	12824	10388	13247	23.34	cps
Tin	118-1	18789	17579	18063	18144	3.36	cps
Titanium	47-1	650	617	550	606	8.41	cps
Uranium	238-1	858	808	617	761	16.76	cps
Vanadium	51-2	63	43	37	48	29.04	cps
Yttrium	89-1	9521832	10182936	10189931	9964900	3.85	cps
Yttrium	89-2	219409	213632	208586	213876	2.53	cps
Zinc	66-2	867	763	770	800	7.23	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01	Instrumnet Name :	P8
Client Sample ID :	S22-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:46:30	DataFile Name :	030SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4451	3917	3617	3995	10.57	cps
Zirconium	91-1	917	933	683	845	16.55	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	33	33	25.01	cps
Antimony	121-1	8453	9062	8912	8809	3.60	cps
Arsenic	75-2	24	15	13	17	34.45	cps
Barium	135-1	1884	1925	1942	1917	1.57	cps
Barium	137-1	3084	2834	3017	2978	4.35	cps
Beryllium	9-1	122	128	144	131	8.80	cps
Bismuth	209-1	9238011	9382102	9390227	9336780	0.92	cps
Bismuth	209-2	2163398	2144842	2138943	2149061	0.59	cps
Boron	10-1	2184	2034	2075	2097	3.69	cps
Boron	11-1	9695	9604	9120	9473	3.26	cps
Cadmium	111-1	1621	1547	1421	1530	6.62	cps
Cadmium	106-1	2234	2067	1892	2064	8.28	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	45324	44864	43970	44719	1.54	cps
Calcium	44-1	731619	736523	732985	733709	0.34	cps
Chromium	52-2	917	737	1000	884	15.22	cps
Cobalt	59-2	53	63	63	60	9.62	cps
Copper	63-2	2437	2680	2464	2527	5.28	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	67	83	17	56	62.45	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	117	58	92	89	32.92	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	13316458	13573204	13857868	13582510	1.99	cps
Holmium	165-2	2448105	2407790	2396851	2417582	1.12	cps
Indium	115-1	9858132	9969898	10078610	9968880	1.11	cps
Indium	115-2	301364	299470	296262	299032	0.86	cps
Iron	56-2	4251	3945	4379	4192	5.31	cps
Iron	57-2	106	122	106	111	8.66	cps
Krypton	83-1	327	283	273	294	9.63	cps
Lead	206-1	1834	1811	1734	1793	2.93	cps
Lead	207-1	1689	1828	1667	1728	5.05	cps
Lead	208-1	7446	7379	7268	7364	1.22	cps
Lithium	6-1	2305772	2320543	2340139	2322151	0.74	cps
Magnesium	24-2	11555	11372	11063	11330	2.19	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	77	97	84	12.69	cps
Molybdenum	94-1	1892	1750	1700	1781	5.58	cps
Molybdenum	95-1	1300	1383	1458	1381	5.74	cps
Molybdenum	96-1	1900	1767	1725	1797	5.09	cps
Molybdenum	97-1	1000	1150	933	1028	10.80	cps
Molybdenum	98-1	2650	2384	2442	2492	5.63	cps
Neodymium	150-1	67	40	47	51	27.15	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	330	340	323	331	2.53	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	5660	5660	6110	5810	4.47	cps
Rhodium	103-1	9020395	9179791	9214700	9138295	1.13	cps
Rhodium	103-2	2144152	2097047	2086772	2109324	1.45	cps
Scandium	45-1	5108098	5134272	5151933	5131434	0.43	cps
Scandium	45-2	26325	26301	26084	26237	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-9	50	25	22	135.56	cps
Silicon	28-1	13224684	13135916	13072714	13144438	0.58	cps
Silver	109-1	3734	3492	3100	3442	9.29	cps
Silver	107-1	3776	3634	3734	3715	1.96	cps
Sodium	23-2	161716	160698	159123	160512	0.81	cps
Strontium	86-1	55012	55289	55581	55294	0.51	cps
Strontium	88-1	480029	475777	471691	475832	0.88	cps
Sulfur	34-1	328924	323167	325778	325957	0.88	cps
Terbium	159-1	13499118	13969539	13933134	13800597	1.90	cps
Terbium	159-2	2329796	2267344	2269606	2288915	1.55	cps
Thallium	203-1	900	825	808	845	5.78	cps
Thallium	205-1	2075	2192	2125	2131	2.75	cps
Tin	118-1	15001	14534	15076	14870	1.98	cps
Titanium	47-1	517	475	517	503	4.79	cps
Uranium	238-1	175	208	225	203	12.55	cps
Vanadium	51-2	57	37	53	49	21.91	cps
Yttrium	89-1	9790241	9738907	9903520	9810889	0.86	cps
Yttrium	89-2	206304	204889	203411	204868	0.71	cps
Zinc	66-2	833	820	827	827	0.81	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01DUP	Instrumnet Name :	P8
Client Sample ID :	S22-0044DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:49:49	DataFile Name :	031SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2692	2650	2500	2614	3.86	cps
Zirconium	91-1	608	517	558	561	8.18	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	2059	2459	2209	2242	9.01	cps
Arsenic	75-2	7	9	6	7	24.97	cps
Barium	135-1	358	292	450	367	21.68	cps
Barium	137-1	667	650	600	639	5.43	cps
Beryllium	9-1	106	89	94	96	8.81	cps
Bismuth	209-1	9495421	9019906	9035616	9183648	2.94	cps
Bismuth	209-2	2265173	2255496	2263936	2261535	0.23	cps
Boron	10-1	1125	1217	1200	1181	4.14	cps
Boron	11-1	5018	5568	4859	5148	7.22	cps
Cadmium	111-1	1642	1702	1631	1659	2.30	cps
Cadmium	106-1	2275	2359	2275	2303	2.09	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	9470	9379	8787	9212	4.03	cps
Calcium	44-1	160035	159614	154719	158123	1.87	cps
Chromium	52-2	477	563	460	500	11.10	cps
Cobalt	59-2	33	30	37	33	10.01	cps
Copper	63-2	1297	1213	1147	1219	6.17	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	83	117	17	72	70.50	cps
Gadolinium	160-2	23	13	3	13	75.02	cps
Holmium	165-1	14059862	13270073	13277504	13535813	3.35	cps
Holmium	165-2	2631092	2610158	2590665	2610638	0.77	cps
Indium	115-1	10470928	9866276	9826838	10054681	3.59	cps
Indium	115-2	329517	327704	329832	329018	0.35	cps
Iron	56-2	1650	1795	1572	1672	6.74	cps
Iron	57-2	44	56	33	44	25.01	cps
Krypton	83-1	370	313	333	339	8.48	cps
Lead	206-1	522	672	528	574	14.81	cps
Lead	207-1	511	439	561	504	12.20	cps
Lead	208-1	2278	2456	2339	2358	3.83	cps
Lithium	6-1	2146258	2074983	2064683	2095308	2.12	cps
Magnesium	24-2	2475	2359	2575	2470	4.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	27	27	28	6.92	cps
Molybdenum	94-1	825	917	833	858	5.91	cps
Molybdenum	95-1	692	825	700	739	10.11	cps
Molybdenum	96-1	925	942	808	892	8.15	cps
Molybdenum	97-1	475	442	358	425	14.14	cps
Molybdenum	98-1	1025	1258	1183	1156	10.31	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	150	177	153	14.25	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2209	2200	2442	2284	6.01	cps
Rhodium	103-1	9657537	9123789	9114889	9298738	3.34	cps
Rhodium	103-2	2284883	2297476	2263091	2281817	0.76	cps
Scandium	45-1	5418927	5197738	5141371	5252679	2.79	cps
Scandium	45-2	29301	29120	28880	29100	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-60	-11	-10	-27	-106.57	cps
Silicon	28-1	2942809	2882846	2757500	2861052	3.30	cps
Silver	109-1	1258	1050	1175	1161	9.03	cps
Silver	107-1	1342	1192	1267	1267	5.92	cps
Sodium	23-2	36799	37852	36874	37175	1.58	cps
Strontium	86-1	11289	11647	10780	11239	3.88	cps
Strontium	88-1	95048	92303	88931	92094	3.33	cps
Sulfur	34-1	311393	308237	307062	308897	0.73	cps
Terbium	159-1	14300018	13534204	13440290	13758171	3.43	cps
Terbium	159-2	2461980	2444550	2495351	2467294	1.05	cps
Thallium	203-1	408	292	258	319	24.66	cps
Thallium	205-1	658	633	592	628	5.36	cps
Tin	118-1	2350	2817	2675	2614	9.15	cps
Titanium	47-1	250	258	175	228	20.15	cps
Uranium	238-1	150	92	67	103	41.61	cps
Vanadium	51-2	30	7	27	21	59.77	cps
Yttrium	89-1	10309109	9758259	9729048	9932139	3.29	cps
Yttrium	89-2	231425	231103	230258	230928	0.26	cps
Zinc	66-2	223	280	260	254	11.30	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01LX5	Instrumnet Name :	P8
Client Sample ID :	S22-0044L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 15:53:09	DataFile Name :	032SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1292	1200	1133	1208	6.58	cps
Zirconium	91-1	350	325	233	303	20.29	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29716	30241	29273	29743	1.63	cps
Antimony	121-1	3902056	3938855	3946317	3929076	0.60	cps
Arsenic	75-2	26260	25782	25461	25834	1.56	cps
Barium	135-1	4036548	4036296	4083706	4052183	0.67	cps
Barium	137-1	6938420	6992796	7008305	6979841	0.53	cps
Beryllium	9-1	467133	469367	469444	468648	0.28	cps
Bismuth	209-1	8173973	9098180	9090139	8787431	6.05	cps
Bismuth	209-2	2035883	2011839	2025143	2024289	0.60	cps
Boron	10-1	48608	49202	51711	49840	3.30	cps
Boron	11-1	220808	227240	232418	226822	2.56	cps
Cadmium	111-1	809239	813032	814344	812205	0.33	cps
Cadmium	106-1	85982	85546	86939	86155	0.83	cps
Cadmium	108-1	58271	57003	57727	57667	1.10	cps
Calcium	43-1	795326	796685	796206	796072	0.09	cps
Calcium	44-1	13089428	13035623	12970260	13031770	0.46	cps
Chromium	52-2	239720	237148	236863	237910	0.66	cps
Cobalt	59-2	553275	549131	545774	549393	0.68	cps
Copper	63-2	962327	961135	953059	958840	0.53	cps
Dysprosium	156-1	75	75	42	64	30.12	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	108	108	117	111	4.33	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	12111671	13554569	13620638	13095626	6.51	cps
Holmium	165-2	2399922	2387350	2418843	2402038	0.66	cps
Indium	115-1	8623894	9724064	9653508	9333822	6.60	cps
Indium	115-2	287603	281626	281391	283540	1.24	cps
Iron	56-2	7709240	7696048	7600523	7668604	0.77	cps
Iron	57-2	194855	193334	192419	193536	0.64	cps
Krypton	83-1	373	293	337	334	11.98	cps
Lead	206-1	2941802	2970421	2989775	2967333	0.81	cps
Lead	207-1	2618442	2609181	2672381	2633335	1.30	cps
Lead	208-1	11887067	11899163	12040740	11942323	0.72	cps
Lithium	6-1	2061328	2301621	2304916	2222622	6.29	cps
Magnesium	24-2	842255	832658	825065	833326	1.03	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117092	117102	116867	117020	0.11	cps
Molybdenum	94-1	6248901	6285115	6270936	6268318	0.29	cps
Molybdenum	95-1	7645000	7643034	7680301	7656112	0.27	cps
Molybdenum	96-1	8549364	8570235	8547220	8555606	0.15	cps
Molybdenum	97-1	4831818	4894352	4911027	4879066	0.86	cps
Molybdenum	98-1	12320070	12293017	12369664	12327584	0.32	cps
Neodymium	150-1	207	180	147	178	16.91	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	165931	165874	165050	165619	0.30	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	180991	182393	182829	182071	0.53	cps
Rhodium	103-1	7960894	8887859	8903118	8583957	6.29	cps
Rhodium	103-2	2051409	2018519	2027680	2032536	0.84	cps
Scandium	45-1	4601186	5151811	5159761	4970919	6.44	cps
Scandium	45-2	26876	26111	25710	26232	2.26	cps
Selenium	77-2	160	123	180	154	18.61	cps
Selenium	78-2	578	556	532	555	4.17	cps
Selenium	82-1	47710	47324	47788	47607	0.52	cps
Silicon	28-1	13980540	13870336	13907057	13919311	0.40	cps
Silver	109-1	3104898	3094958	3134875	3111577	0.67	cps
Silver	107-1	3267654	3286258	3290959	3281623	0.38	cps
Sodium	23-2	2097204	2076467	2060321	2077997	0.89	cps
Strontium	86-1	1026756	1031647	1038832	1032412	0.59	cps
Strontium	88-1	8929092	8908144	8947043	8928093	0.22	cps
Sulfur	34-1	328103	330202	326014	328107	0.64	cps
Terbium	159-1	12294057	13751296	13762441	13269265	6.36	cps
Terbium	159-2	2257644	2247415	2257468	2254176	0.26	cps
Thallium	203-1	3625926	3641977	3691967	3653290	0.94	cps
Thallium	205-1	8515039	8663896	8668669	8615868	1.01	cps
Tin	118-1	2561123	2569788	2562674	2564528	0.18	cps
Titanium	47-1	1882480	1895307	1878125	1885304	0.47	cps
Uranium	238-1	12105619	12216298	12242750	12188222	0.60	cps
Vanadium	51-2	173469	172221	171059	172250	0.70	cps
Yttrium	89-1	8723051	9779560	9766594	9423068	6.43	cps
Yttrium	89-2	203779	200484	201207	201824	0.86	cps
Zinc	66-2	73993	72153	72454	72867	1.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MS	Instrumnet Name :	P8
Client Sample ID :	S22-0044MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:56:29	DataFile Name :	033SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5421337	5401801	5454683	5425940	0.49	cps
Zirconium	91-1	1190627	1188451	1193118	1190732	0.20	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29807	28304	28471	28861	2.85	cps
Antimony	121-1	3897531	3935929	3942107	3925189	0.62	cps
Arsenic	75-2	25741	26117	26078	25979	0.80	cps
Barium	135-1	4071584	4060045	4041144	4057591	0.38	cps
Barium	137-1	6976805	6923852	7091806	6997488	1.23	cps
Beryllium	9-1	465412	472868	473622	470634	0.96	cps
Bismuth	209-1	9034476	9016185	9186152	9078938	1.03	cps
Bismuth	209-2	2018229	1759372	2038329	1938644	8.03	cps
Boron	10-1	48207	51660	52129	50665	4.23	cps
Boron	11-1	226657	233979	234656	231764	1.91	cps
Cadmium	111-1	814029	814312	823520	817287	0.66	cps
Cadmium	106-1	86242	85479	87675	86465	1.29	cps
Cadmium	108-1	58125	57325	57619	57690	0.70	cps
Calcium	43-1	781887	792573	793041	789167	0.80	cps
Calcium	44-1	12937041	12973152	12923531	12944575	0.20	cps
Chromium	52-2	238267	238978	237435	238227	0.32	cps
Cobalt	59-2	553803	558732	548076	553537	0.96	cps
Copper	63-2	961077	963316	952815	959069	0.58	cps
Dysprosium	156-1	83	67	50	67	25.00	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	67	42	83	64	32.83	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	125	100	100	108	13.33	cps
Gadolinium	160-2	30	13	10	18	60.28	cps
Holmium	165-1	13599123	13534070	13719189	13617461	0.69	cps
Holmium	165-2	2387407	2117327	2401256	2301997	6.95	cps
Indium	115-1	9591196	9676426	9649410	9639010	0.45	cps
Indium	115-2	282474	249722	286709	272968	7.42	cps
Iron	56-2	7676668	7721246	7603698	7667204	0.77	cps
Iron	57-2	192527	194375	193709	193537	0.48	cps
Krypton	83-1	347	310	337	331	5.72	cps
Lead	206-1	2963805	3015545	3012437	2997262	0.97	cps
Lead	207-1	2650630	2661322	2702165	2671372	1.02	cps
Lead	208-1	11974991	12086333	12137888	12066404	0.69	cps
Lithium	6-1	2246774	2289684	2311927	2282795	1.45	cps
Magnesium	24-2	815413	821190	810283	815629	0.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	116648	118598	116471	117239	1.01	cps
Molybdenum	94-1	6301276	6266173	6287297	6284915	0.28	cps
Molybdenum	95-1	7600952	7555911	7658845	7605236	0.68	cps
Molybdenum	96-1	8505222	8505680	8585518	8532140	0.54	cps
Molybdenum	97-1	4869099	4814528	4873757	4852461	0.68	cps
Molybdenum	98-1	12274792	12327274	12278619	12293562	0.24	cps
Neodymium	150-1	227	167	160	184	19.91	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	168050	167510	164795	166785	1.05	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	184108	180105	182062	182092	1.10	cps
Rhodium	103-1	8870942	8914547	8951361	8912283	0.45	cps
Rhodium	103-2	2020372	1805293	2055277	1960314	6.91	cps
Scandium	45-1	5048988	5091044	5061980	5067338	0.42	cps
Scandium	45-2	26191	22469	26121	24927	8.54	cps
Selenium	77-2	123	170	170	154	17.44	cps
Selenium	78-2	559	600	541	567	5.35	cps
Selenium	82-1	47691	47804	47508	47668	0.31	cps
Silicon	28-1	13669658	13846306	13805726	13773897	0.67	cps
Silver	109-1	3158933	3107841	3142097	3136291	0.83	cps
Silver	107-1	3285461	3275407	3295582	3285483	0.31	cps
Sodium	23-2	2017119	1996621	1966835	1993525	1.27	cps
Strontium	86-1	1029232	1031194	1047394	1035940	0.96	cps
Strontium	88-1	9001596	8954056	9008300	8987984	0.33	cps
Sulfur	34-1	323475	326800	323442	324573	0.59	cps
Terbium	159-1	13668202	13743248	13808772	13740074	0.51	cps
Terbium	159-2	2264283	1949236	2297544	2170354	8.86	cps
Thallium	203-1	3677214	3717995	3732678	3709296	0.77	cps
Thallium	205-1	8657459	8675886	8800812	8711385	0.90	cps
Tin	118-1	2529936	2528869	2518038	2525614	0.26	cps
Titanium	47-1	1868435	1858211	1880906	1869184	0.61	cps
Uranium	238-1	12102145	12177486	12375444	12218358	1.16	cps
Vanadium	51-2	173658	174377	170526	172854	1.18	cps
Yttrium	89-1	9669967	9720265	9797562	9729265	0.66	cps
Yttrium	89-2	201824	177478	203009	194104	7.42	cps
Zinc	66-2	73815	74060	72317	73397	1.29	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01MSD	Instrumnet Name :	P8
Client Sample ID :	S22-0044MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 15:59:41	DataFile Name :	034SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5450255	5476831	5521436	5482841	0.66	cps
Zirconium	91-1	1200152	1201058	1206284	1202498	0.28	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30141	29214	29189	29515	1.84	cps
Antimony	121-1	3933568	3900577	3925758	3919968	0.44	cps
Arsenic	75-2	25780	25444	25787	25670	0.76	cps
Barium	135-1	4071442	3998485	4081194	4050373	1.12	cps
Barium	137-1	7081967	6977560	7026015	7028514	0.74	cps
Beryllium	9-1	471681	471646	471186	471504	0.06	cps
Bismuth	209-1	9007616	9069184	9159473	9078758	0.84	cps
Bismuth	209-2	2039209	2033028	2017938	2030058	0.54	cps
Boron	10-1	50406	52120	53166	51897	2.69	cps
Boron	11-1	228940	236696	241874	235837	2.76	cps
Cadmium	111-1	812983	815437	820597	816339	0.48	cps
Cadmium	106-1	86501	86812	86838	86717	0.22	cps
Cadmium	108-1	59125	58037	58836	58666	0.96	cps
Calcium	43-1	788871	789341	792201	790137	0.23	cps
Calcium	44-1	12949963	12912903	12970716	12944528	0.23	cps
Chromium	52-2	238923	236862	237357	237714	0.45	cps
Cobalt	59-2	552248	548223	547620	549364	0.46	cps
Copper	63-2	960257	950293	946824	952458	0.73	cps
Dysprosium	156-1	142	83	100	108	27.73	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	83	42	92	72	37.09	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	125	108	183	139	28.35	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	13644649	13542427	13713419	13633498	0.63	cps
Holmium	165-2	2394828	2425359	2428609	2416265	0.77	cps
Indium	115-1	9600534	9745002	9734436	9693324	0.83	cps
Indium	115-2	284296	284039	281436	283257	0.56	cps
Iron	56-2	7679431	7630834	7642388	7650884	0.33	cps
Iron	57-2	194370	191149	190106	191875	1.16	cps
Krypton	83-1	357	320	317	331	6.70	cps
Lead	206-1	2998757	2989716	3015957	3001477	0.44	cps
Lead	207-1	2673178	2662940	2689963	2675361	0.51	cps
Lead	208-1	12055158	12088010	12147009	12096726	0.38	cps
Lithium	6-1	2246714	2234877	2289109	2256900	1.26	cps
Magnesium	24-2	832722	813252	815568	820514	1.30	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	118198	115489	116373	116686	1.18	cps
Molybdenum	94-1	6279562	6314605	6261149	6285105	0.43	cps
Molybdenum	95-1	7606598	7612912	7578411	7599307	0.24	cps
Molybdenum	96-1	8495204	8430993	8585711	8503969	0.91	cps
Molybdenum	97-1	4847132	4884239	4888108	4873160	0.46	cps
Molybdenum	98-1	12388941	12315335	12376246	12360174	0.32	cps
Neodymium	150-1	160	173	193	176	9.56	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	167041	166343	165268	166217	0.54	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	185767	181480	181540	182929	1.34	cps
Rhodium	103-1	8900320	8906390	9074535	8960415	1.10	cps
Rhodium	103-2	2039465	2039894	2015139	2031499	0.70	cps
Scandium	45-1	5057754	5073965	5124040	5085253	0.68	cps
Scandium	45-2	26492	26301	25998	26264	0.95	cps
Selenium	77-2	157	160	153	157	2.13	cps
Selenium	78-2	561	543	607	570	5.85	cps
Selenium	82-1	47277	47674	47699	47550	0.50	cps
Silicon	28-1	13747498	13796482	13708027	13750669	0.32	cps
Silver	109-1	3124352	3123082	3132506	3126646	0.16	cps
Silver	107-1	3242026	3253404	3267856	3254429	0.40	cps
Sodium	23-2	2047420	2029882	2037586	2038296	0.43	cps
Strontium	86-1	1023455	1030147	1044010	1032537	1.02	cps
Strontium	88-1	8926362	8918092	8989937	8944797	0.44	cps
Sulfur	34-1	323247	324172	320415	322611	0.61	cps
Terbium	159-1	13826186	13900361	13941249	13889265	0.42	cps
Terbium	159-2	2257645	2267020	2304129	2276265	1.08	cps
Thallium	203-1	3691319	3679655	3683194	3684723	0.16	cps
Thallium	205-1	8653596	8643662	8709043	8668767	0.41	cps
Tin	118-1	2559595	2538920	2565093	2554536	0.54	cps
Titanium	47-1	1874798	1875821	1872354	1874325	0.10	cps
Uranium	238-1	12209854	12327700	12413877	12317144	0.83	cps
Vanadium	51-2	172706	171292	170686	171561	0.60	cps
Yttrium	89-1	9769255	9753416	9903875	9808849	0.84	cps
Yttrium	89-2	201505	201831	199797	201044	0.54	cps
Zinc	66-2	72635	71654	72280	72190	0.69	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-01A	Instrumnet Name :	P8
Client Sample ID :	S22-0044A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:02:53	DataFile Name :	035SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5437840	5410198	5472682	5440240	0.58	cps
Zirconium	91-1	1196147	1195318	1193318	1194927	0.12	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	42	44	10.82	cps
Antimony	121-1	7219	7703	7994	7639	5.13	cps
Arsenic	75-2	261	237	224	241	7.81	cps
Barium	135-1	18397	19064	19148	18870	2.18	cps
Barium	137-1	33945	33435	33376	33585	0.93	cps
Beryllium	9-1	383	394	383	387	1.66	cps
Bismuth	209-1	9470674	9403513	9464853	9446347	0.39	cps
Bismuth	209-2	2067483	2107023	2114333	2096280	1.20	cps
Boron	10-1	4384	4059	3909	4117	5.90	cps
Boron	11-1	20040	19055	17528	18874	6.71	cps
Cadmium	111-1	1881	1763	1695	1780	5.27	cps
Cadmium	106-1	2275	2167	2217	2220	2.44	cps
Cadmium	108-1	29	42	33	35	18.33	cps
Calcium	43-1	63695	63318	64407	63806	0.87	cps
Calcium	44-1	1058345	1068988	1059458	1062264	0.55	cps
Chromium	52-2	753	847	747	782	7.15	cps
Cobalt	59-2	1287	1307	1197	1263	4.64	cps
Copper	63-2	3607	3811	3924	3781	4.25	cps
Dysprosium	156-1	242	217	150	203	23.37	cps
Dysprosium	156-2	23	33	40	32	26.04	cps
Erbium	164-1	242	233	208	228	7.61	cps
Erbium	164-2	40	50	27	39	30.10	cps
Gadolinium	160-1	308	217	267	264	17.39	cps
Gadolinium	160-2	77	30	50	52	44.83	cps
Holmium	165-1	13807294	13591681	13580364	13659780	0.94	cps
Holmium	165-2	2378272	2432553	2413166	2407997	1.14	cps
Indium	115-1	9906257	9947109	9918534	9923967	0.21	cps
Indium	115-2	287425	288394	294787	290202	1.38	cps
Iron	56-2	770164	761162	764209	765178	0.60	cps
Iron	57-2	19186	19197	18880	19088	0.94	cps
Krypton	83-1	307	303	263	291	8.28	cps
Lead	206-1	3540	3562	3667	3590	1.90	cps
Lead	207-1	2984	2817	2867	2889	2.96	cps
Lead	208-1	13820	13642	13998	13820	1.29	cps
Lithium	6-1	2255490	2245672	2282833	2261331	0.85	cps
Magnesium	24-2	20557	20624	21025	20735	1.22	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18219	18276	18142	18212	0.37	cps
Molybdenum	94-1	4493	3526	3192	3737	18.08	cps
Molybdenum	95-1	4084	3442	3259	3595	12.05	cps
Molybdenum	96-1	4759	4526	4309	4532	4.97	cps
Molybdenum	97-1	2450	2575	1825	2284	17.60	cps
Molybdenum	98-1	6260	5943	5568	5924	5.85	cps
Neodymium	150-1	207	187	260	218	17.41	cps
Neodymium	150-2	30	33	20	28	24.98	cps
Nickel	60-2	3130	2864	2797	2930	6.02	cps
Phosphorus	31-2	33	8	25	22	57.29	cps
Potassium	39-2	10721	11247	11080	11016	2.44	cps
Rhodium	103-1	9122368	9147270	9128040	9132559	0.14	cps
Rhodium	103-2	2034685	2063547	2077164	2058465	1.05	cps
Scandium	45-1	5101467	5072481	5043538	5072496	0.57	cps
Scandium	45-2	25447	25520	25634	25533	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	20	21	27	23	14.92	cps
Silicon	28-1	24351716	24249214	24228970	24276633	0.27	cps
Silver	109-1	1383	1342	1442	1389	3.62	cps
Silver	107-1	1383	1525	1400	1436	5.39	cps
Sodium	23-2	617952	608425	612371	612916	0.78	cps
Strontium	86-1	60100	60828	59807	60245	0.87	cps
Strontium	88-1	522217	523880	525161	523753	0.28	cps
Sulfur	34-1	448252	442929	443160	444780	0.68	cps
Terbium	159-1	13877973	13821671	13793536	13831060	0.31	cps
Terbium	159-2	2255044	2254622	2269044	2259570	0.36	cps
Thallium	203-1	1950	1959	1675	1861	8.66	cps
Thallium	205-1	4601	4401	3801	4268	9.76	cps
Tin	118-1	34019	34361	32206	33529	3.45	cps
Titanium	47-1	733	775	808	772	4.87	cps
Uranium	238-1	1325	1408	1433	1389	4.08	cps
Vanadium	51-2	100	63	73	79	24.02	cps
Yttrium	89-1	9889763	9864776	9748735	9834424	0.77	cps
Yttrium	89-2	199805	199885	201447	200379	0.46	cps
Zinc	66-2	747	773	803	774	3.66	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-02	Instrumnet Name :	P8
Client Sample ID :	S22-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:06:05	DataFile Name :	036SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3834	4034	3626	3831	5.33	cps
Zirconium	91-1	800	950	967	906	10.14	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192278	193468	191779	192509	0.45	cps
Antimony	121-1	3769884	3775822	3803060	3782922	0.47	cps
Arsenic	75-2	30456	30851	30226	30511	1.04	cps
Barium	135-1	4322289	4320742	4286836	4309955	0.46	cps
Barium	137-1	7489248	7495159	7456905	7480437	0.28	cps
Beryllium	9-1	513789	509151	517236	513392	0.79	cps
Bismuth	209-1	8475069	8893061	8832441	8733524	2.59	cps
Bismuth	209-2	2166043	2137651	2158311	2154002	0.68	cps
Boron	10-1	58253	58654	62186	59698	3.63	cps
Boron	11-1	265521	277136	281663	274774	3.03	cps
Cadmium	111-1	822367	822311	817792	820823	0.32	cps
Cadmium	106-1	91493	90133	86787	89471	2.71	cps
Cadmium	108-1	59703	59820	59355	59626	0.41	cps
Calcium	43-1	4156403	4178694	4175390	4170162	0.29	cps
Calcium	44-1	68312587	68290499	68729358	68444148	0.36	cps
Chromium	52-2	284168	285125	285087	284793	0.19	cps
Cobalt	59-2	621965	619456	623487	621636	0.33	cps
Copper	63-2	1073537	1074364	1071743	1073215	0.12	cps
Dysprosium	156-1	100	100	100	100	0.01	cps
Dysprosium	156-2	13	20	3	12	68.66	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	133	133	150	139	6.93	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	13209695	13853791	13846744	13636744	2.71	cps
Holmium	165-2	2653754	2654270	2635874	2647966	0.40	cps
Indium	115-1	9589143	10094505	10028932	9904193	2.77	cps
Indium	115-2	327542	329741	331573	329619	0.61	cps
Iron	56-2	45756201	46101984	46080293	45979493	0.42	cps
Iron	57-2	1153631	1160601	1158093	1157442	0.30	cps
Krypton	83-1	330	297	343	323	7.43	cps
Lead	206-1	2934068	2896584	2907886	2912846	0.66	cps
Lead	207-1	2660131	2662088	2673000	2665073	0.26	cps
Lead	208-1	11860293	11779528	11905622	11848481	0.54	cps
Lithium	6-1	1931610	2056041	2072276	2019975	3.81	cps
Magnesium	24-2	4899566	4932779	4914666	4915670	0.34	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	146637	145579	145930	146049	0.37	cps
Molybdenum	94-1	6765958	6777806	6857059	6800274	0.73	cps
Molybdenum	95-1	8328767	8366217	8391737	8362240	0.38	cps
Molybdenum	96-1	9337485	9324163	9261396	9307681	0.44	cps
Molybdenum	97-1	5304158	5308877	5298897	5303977	0.09	cps
Molybdenum	98-1	13465303	13491610	13496682	13484532	0.12	cps
Neodymium	150-1	240	213	287	247	15.05	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	186554	185676	185621	185950	0.28	cps
Phosphorus	31-2	2142	2184	2467	2264	7.81	cps
Potassium	39-2	1130519	1139378	1145406	1138434	0.66	cps
Rhodium	103-1	8718175	9159731	9167092	9015000	2.85	cps
Rhodium	103-2	2198508	2225165	2240015	2221229	0.95	cps
Scandium	45-1	5386183	5683265	5663635	5577694	2.98	cps
Scandium	45-2	32167	32130	32097	32131	0.11	cps
Selenium	77-2	190	237	227	218	11.28	cps
Selenium	78-2	663	633	670	656	2.99	cps
Selenium	82-1	49059	48955	49603	49206	0.71	cps
Silicon	28-1	1942918	1963196	1991952	1966022	1.25	cps
Silver	109-1	3995438	3974278	3965203	3978306	0.39	cps
Silver	107-1	4157506	4108574	4157506	4141195	0.68	cps
Sodium	23-2	11042631	11132673	11135218	11103507	0.47	cps
Strontium	86-1	1040520	1041881	1041482	1041294	0.07	cps
Strontium	88-1	9018280	9024408	9070938	9037875	0.32	cps
Sulfur	34-1	580679	579792	584306	581592	0.41	cps
Terbium	159-1	13461851	14232091	14083294	13925746	2.93	cps
Terbium	159-2	2526508	2500491	2513724	2513574	0.52	cps
Thallium	203-1	3586820	3570086	3581454	3579453	0.24	cps
Thallium	205-1	8447426	8407264	8382648	8412446	0.39	cps
Tin	118-1	2818294	2839276	2824442	2827337	0.38	cps
Titanium	47-1	2162506	2163654	2184978	2170379	0.58	cps
Uranium	238-1	12016391	11937197	11975241	11976276	0.33	cps
Vanadium	51-2	201122	204225	202581	202643	0.77	cps
Yttrium	89-1	9936589	10385654	10334705	10218983	2.41	cps
Yttrium	89-2	239311	241408	242730	241150	0.72	cps
Zinc	66-2	85843	85471	85719	85678	0.22	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:12:21	DataFile Name :	037CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5735884	5710435	5758620	5734980	0.42	cps
Zirconium	91-1	1260253	1254099	1258804	1257719	0.26	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	42	19	107.85	cps
Antimony	121-1	2592	2650	2367	2536	5.90	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	92	67	42	67	37.50	cps
Barium	137-1	200	175	158	178	11.80	cps
Beryllium	9-1	172	211	239	207	16.15	cps
Bismuth	209-1	9401641	9445651	8986625	9277972	2.73	cps
Bismuth	209-2	2321645	2360908	2266719	2316424	2.04	cps
Boron	10-1	1734	1467	1709	1636	9.00	cps
Boron	11-1	7761	6952	7327	7347	5.51	cps
Cadmium	111-1	1839	1475	1656	1656	10.98	cps
Cadmium	106-1	2550	2084	2309	2314	10.09	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	533	692	558	594	14.32	cps
Calcium	44-1	18254	18154	18354	18254	0.55	cps
Chromium	52-2	470	433	493	466	6.50	cps
Cobalt	59-2	27	57	57	47	37.11	cps
Copper	63-2	553	510	453	506	9.92	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	117	100	100	106	9.12	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	13999032	14106460	13304102	13803198	3.16	cps
Holmium	165-2	2705632	2740248	2683588	2709823	1.05	cps
Indium	115-1	10698966	10667630	10023853	10463483	3.64	cps
Indium	115-2	354269	355680	353172	354373	0.35	cps
Iron	56-2	1417	1633	1333	1461	10.60	cps
Iron	57-2	50	61	44	52	16.36	cps
Krypton	83-1	317	350	360	342	6.63	cps
Lead	206-1	494	411	389	432	12.90	cps
Lead	207-1	394	389	417	400	3.67	cps
Lead	208-1	1839	1800	1628	1756	6.40	cps
Lithium	6-1	2164578	2193953	2082696	2147075	2.69	cps
Magnesium	24-2	208	183	183	192	7.53	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	30	23	24.74	cps
Molybdenum	94-1	1600	1609	1542	1584	2.29	cps
Molybdenum	95-1	1500	1417	1342	1420	5.58	cps
Molybdenum	96-1	1825	1584	1734	1714	7.12	cps
Molybdenum	97-1	933	983	975	964	2.78	cps
Molybdenum	98-1	2142	2092	2034	2089	2.60	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	87	80	87	7.70	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1492	1542	1734	1589	8.03	cps
Rhodium	103-1	9997259	10029328	9438922	9821836	3.38	cps
Rhodium	103-2	2408280	2421625	2398608	2409504	0.48	cps
Scandium	45-1	5830713	5817739	5612596	5753683	2.13	cps
Scandium	45-2	33306	33236	33741	33428	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-34	-43	-33	-36	-14.65	cps
Silicon	28-1	275787	272082	276303	274724	0.84	cps
Silver	109-1	450	433	375	419	9.39	cps
Silver	107-1	433	442	492	456	6.93	cps
Sodium	23-2	4242	4951	4209	4468	9.38	cps
Strontium	86-1	467	567	492	508	10.24	cps
Strontium	88-1	292	292	217	267	16.24	cps
Sulfur	34-1	348217	347387	347807	347804	0.12	cps
Terbium	159-1	14327191	14231421	13480887	14013166	3.31	cps
Terbium	159-2	2559951	2570157	2554651	2561586	0.31	cps
Thallium	203-1	558	517	533	536	3.91	cps
Thallium	205-1	1267	1167	1208	1214	4.14	cps
Tin	118-1	2142	1934	1575	1884	15.22	cps
Titanium	47-1	167	142	150	153	8.33	cps
Uranium	238-1	175	208	217	200	11.02	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	10762418	10754326	10154720	10557155	3.30	cps
Yttrium	89-2	249223	253235	251025	251161	0.80	cps
Zinc	66-2	50	60	57	56	9.17	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:19:48	DataFile Name :	038CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1942	2250	2117	2103	7.35	cps
Zirconium	91-1	483	458	467	469	2.71	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	308	383	331	13.88	cps
Antimony	121-1	10504	8970	8678	9384	10.45	cps
Arsenic	75-2	2550	2541	2456	2516	2.07	cps
Barium	135-1	38624	39903	40246	39591	2.16	cps
Barium	137-1	68796	70790	71795	70460	2.17	cps
Beryllium	9-1	383	406	389	393	2.95	cps
Bismuth	209-1	8970555	8997391	8725927	8897958	1.68	cps
Bismuth	209-2	2000582	2020694	2003038	2008105	0.55	cps
Boron	10-1	2325	2417	2467	2403	2.99	cps
Boron	11-1	11972	10813	10688	11158	6.35	cps
Cadmium	111-1	1663	1567	1539	1589	4.08	cps
Cadmium	106-1	2100	2017	1984	2034	2.96	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	1843162	1821902	1808741	1824602	0.95	cps
Calcium	44-1	29426933	29364241	29233829	29341668	0.34	cps
Chromium	52-2	8960	8723	8823	8835	1.35	cps
Cobalt	59-2	41285	41746	41047	41359	0.86	cps
Copper	63-2	3727	3777	4044	3849	4.42	cps
Dysprosium	156-1	2059	1775	1925	1920	7.39	cps
Dysprosium	156-2	333	320	313	322	3.16	cps
Erbium	164-1	1884	2042	2042	1989	4.60	cps
Erbium	164-2	283	307	317	302	5.66	cps
Gadolinium	160-1	1850	1775	1725	1784	3.53	cps
Gadolinium	160-2	463	460	343	422	16.19	cps
Holmium	165-1	13448800	13403195	12960674	13270890	2.03	cps
Holmium	165-2	2384806	2407118	2415995	2402640	0.67	cps
Indium	115-1	9575993	9607979	9399615	9527862	1.18	cps
Indium	115-2	283183	285099	285046	284443	0.38	cps
Iron	56-2	24027498	23808145	23744498	23860047	0.62	cps
Iron	57-2	602373	596818	595497	598229	0.61	cps
Krypton	83-1	367	340	413	373	9.94	cps
Lead	206-1	11494	11350	11361	11402	0.71	cps
Lead	207-1	9359	9359	9698	9472	2.07	cps
Lead	208-1	44521	44565	44654	44580	0.15	cps
Lithium	6-1	2130504	2116108	2091906	2112839	0.92	cps
Magnesium	24-2	844221	838648	833576	838815	0.63	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1974784	1948183	1925773	1949580	1.26	cps
Molybdenum	94-1	4943	4376	3984	4434	10.87	cps
Molybdenum	95-1	2425	2392	2075	2298	8.41	cps
Molybdenum	96-1	3417	3676	3259	3451	6.10	cps
Molybdenum	97-1	1325	1475	1342	1381	5.96	cps
Molybdenum	98-1	3534	3242	3309	3362	4.55	cps
Neodymium	150-1	2134	2287	2227	2216	3.49	cps
Neodymium	150-2	287	190	237	238	20.33	cps
Nickel	60-2	8930	8346	8336	8537	3.98	cps
Phosphorus	31-2	17	42	25	28	45.82	cps
Potassium	39-2	71967	70620	69715	70767	1.60	cps
Rhodium	103-1	8628706	8626705	8379637	8545016	1.68	cps
Rhodium	103-2	1973864	1997902	1987335	1986367	0.61	cps
Scandium	45-1	5101146	5023491	4851743	4992127	2.56	cps
Scandium	45-2	25911	25614	25403	25642	0.99	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-61	-8	-63	-44	-71.00	cps
Silicon	28-1	40000196	39769710	39542481	39770796	0.58	cps
Silver	109-1	2567	2600	2075	2414	12.18	cps
Silver	107-1	2750	2609	2875	2745	4.86	cps
Sodium	23-2	14097057	13972501	13895760	13988439	0.73	cps
Strontium	86-1	2713858	2714449	2726475	2718261	0.26	cps
Strontium	88-1	23388848	23492095	23541849	23474264	0.33	cps
Sulfur	34-1	7854584	7813992	7778026	7815534	0.49	cps
Terbium	159-1	13665106	13604054	13230698	13499953	1.74	cps
Terbium	159-2	2265389	2274658	2235328	2258458	0.91	cps
Thallium	203-1	1350	1042	1000	1131	16.91	cps
Thallium	205-1	3301	2575	2359	2745	17.97	cps
Tin	118-1	26210	25433	24390	25344	3.60	cps
Titanium	47-1	1909	2367	2134	2136	10.73	cps
Uranium	238-1	28341	27866	29043	28417	2.08	cps
Vanadium	51-2	327	383	350	353	8.06	cps
Yttrium	89-1	9772026	9681795	9391770	9615197	2.07	cps
Yttrium	89-2	201224	201407	199712	200781	0.46	cps
Zinc	66-2	1247	1260	1233	1247	1.07	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-03	Instrumnet Name :	P8
Client Sample ID :	S22-0040	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:23:08	DataFile Name :	039SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9529	8553	7236	8439	13.64	cps
Zirconium	91-1	2317	2200	1750	2089	14.33	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	308	267	272	12.37	cps
Antimony	121-1	6527	6419	6494	6480	0.86	cps
Arsenic	75-2	2328	2382	2395	2368	1.49	cps
Barium	135-1	37797	38181	38766	38248	1.28	cps
Barium	137-1	68461	67716	69600	68592	1.38	cps
Beryllium	9-1	306	333	333	324	4.95	cps
Bismuth	209-1	9018658	8610640	8768905	8799401	2.34	cps
Bismuth	209-2	1991993	2001294	2007083	2000124	0.38	cps
Boron	10-1	2092	2125	2325	2181	5.79	cps
Boron	11-1	10029	9720	9971	9907	1.65	cps
Cadmium	111-1	1408	1619	1633	1553	8.11	cps
Cadmium	106-1	1959	2175	2250	2128	7.12	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	1752228	1766585	1746931	1755248	0.58	cps
Calcium	44-1	27995000	28155650	28251867	28134172	0.46	cps
Chromium	52-2	8226	8319	7862	8136	2.97	cps
Cobalt	59-2	39834	39506	38222	39187	2.17	cps
Copper	63-2	4191	4057	3897	4048	3.63	cps
Dysprosium	156-1	1959	1675	1533	1722	12.57	cps
Dysprosium	156-2	330	280	270	293	10.96	cps
Erbium	164-1	1717	1717	1825	1753	3.57	cps
Erbium	164-2	283	327	300	303	7.21	cps
Gadolinium	160-1	1825	1825	1475	1709	11.83	cps
Gadolinium	160-2	397	387	377	387	2.59	cps
Holmium	165-1	13644638	13184577	13427398	13418871	1.72	cps
Holmium	165-2	2390702	2382054	2377472	2383409	0.28	cps
Indium	115-1	9665108	9312707	9528130	9501982	1.87	cps
Indium	115-2	284291	282476	282958	283242	0.33	cps
Iron	56-2	23091301	22682623	22750419	22841448	0.96	cps
Iron	57-2	573256	570766	569148	571057	0.36	cps
Krypton	83-1	287	353	360	333	12.16	cps
Lead	206-1	11083	11305	11277	11222	1.08	cps
Lead	207-1	9137	9243	9254	9211	0.70	cps
Lead	208-1	42813	43157	44070	43347	1.50	cps
Lithium	6-1	2135410	2091805	2121996	2116404	1.06	cps
Magnesium	24-2	810660	804289	800352	805100	0.65	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1874234	1866522	1861607	1867454	0.34	cps
Molybdenum	94-1	2867	2575	2842	2762	5.86	cps
Molybdenum	95-1	2167	2109	2042	2106	2.97	cps
Molybdenum	96-1	2750	2567	2850	2723	5.28	cps
Molybdenum	97-1	1267	983	1267	1172	13.96	cps
Molybdenum	98-1	2959	2850	3126	2978	4.65	cps
Neodymium	150-1	2000	2087	2120	2069	2.99	cps
Neodymium	150-2	233	223	203	220	6.94	cps
Nickel	60-2	8469	7982	7889	8114	3.84	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	67647	67579	68158	67795	0.47	cps
Rhodium	103-1	8735652	8404979	8550353	8563661	1.94	cps
Rhodium	103-2	1953900	1950818	1955016	1953245	0.11	cps
Scandium	45-1	5046845	4844679	4874846	4922123	2.22	cps
Scandium	45-2	25333	25346	24705	25128	1.46	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	22	-21	-34	-11	-264.21	cps
Silicon	28-1	37296746	37107913	37396477	37267045	0.39	cps
Silver	109-1	1358	1208	1225	1264	6.51	cps
Silver	107-1	1333	1475	1408	1406	5.04	cps
Sodium	23-2	13461697	13471653	13387794	13440382	0.34	cps
Strontium	86-1	2619809	2626892	2667078	2637926	0.97	cps
Strontium	88-1	22582106	22423339	22731430	22578958	0.68	cps
Sulfur	34-1	7416204	7473852	7444218	7444758	0.39	cps
Terbium	159-1	13749005	13349952	13518690	13539216	1.48	cps
Terbium	159-2	2260401	2262446	2260591	2261146	0.05	cps
Thallium	203-1	533	558	650	581	10.58	cps
Thallium	205-1	1133	1192	1142	1156	2.73	cps
Tin	118-1	21760	21510	22169	21813	1.53	cps
Titanium	47-1	1875	2284	1967	2042	10.50	cps
Uranium	238-1	27556	27490	28183	27743	1.38	cps
Vanadium	51-2	293	323	297	304	5.40	cps
Yttrium	89-1	9774717	9338181	9458466	9523788	2.37	cps
Yttrium	89-2	199081	198320	197652	198351	0.36	cps
Zinc	66-2	1403	1213	1220	1279	8.43	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3738-04	Instrumnet Name :	P8
Client Sample ID :	S22-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:26:24	DataFile Name :	040SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4734	4751	4443	4643	3.74	cps
Zirconium	91-1	1092	1017	1125	1078	5.15	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201146	200767	201680	201198	0.23	cps
Antimony	121-1	4066731	4077847	4076042	4073540	0.15	cps
Arsenic	75-2	31844	31859	31733	31812	0.22	cps
Barium	135-1	4458352	4463102	4491402	4470952	0.40	cps
Barium	137-1	7710440	7674638	7726715	7703931	0.35	cps
Beryllium	9-1	529318	532421	527991	529910	0.43	cps
Bismuth	209-1	9039313	9133201	9078846	9083787	0.52	cps
Bismuth	209-2	2243503	2229816	2227502	2233607	0.39	cps
Boron	10-1	57206	60738	62454	60133	4.45	cps
Boron	11-1	273424	284179	285605	281069	2.37	cps
Cadmium	111-1	846892	849430	846327	847549	0.20	cps
Cadmium	106-1	90922	91232	93239	91798	1.37	cps
Cadmium	108-1	61138	61845	61222	61402	0.63	cps
Calcium	43-1	4404188	4389258	4372585	4388677	0.36	cps
Calcium	44-1	71393502	71946679	71089685	71476622	0.61	cps
Chromium	52-2	296678	295454	296411	296181	0.22	cps
Cobalt	59-2	651593	643183	648471	647749	0.66	cps
Copper	63-2	1115331	1111995	1119301	1115542	0.33	cps
Dysprosium	156-1	75	83	42	67	33.07	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	33	75	58	37.80	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	142	167	108	139	21.07	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	14402024	14307143	14221219	14310128	0.63	cps
Holmium	165-2	2764706	2781522	2733568	2759932	0.88	cps
Indium	115-1	10612111	10426218	10503796	10514042	0.89	cps
Indium	115-2	349314	346601	348237	348051	0.39	cps
Iron	56-2	48095616	47762783	48045884	47968095	0.37	cps
Iron	57-2	1209005	1197068	1204171	1203415	0.50	cps
Krypton	83-1	287	337	350	324	10.29	cps
Lead	206-1	2963546	2979262	2959143	2967317	0.36	cps
Lead	207-1	2706379	2718045	2723878	2716101	0.33	cps
Lead	208-1	12054590	12107740	12072754	12078362	0.22	cps
Lithium	6-1	2075036	2105621	2072904	2084520	0.88	cps
Magnesium	24-2	5070942	5064279	5130470	5088563	0.72	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153118	151552	153590	152753	0.70	cps
Molybdenum	94-1	7063037	7050929	7140579	7084849	0.69	cps
Molybdenum	95-1	8747526	8696728	8669829	8704694	0.45	cps
Molybdenum	96-1	9774884	9697565	9729706	9734052	0.40	cps
Molybdenum	97-1	5527518	5579457	5563601	5556859	0.48	cps
Molybdenum	98-1	14050375	14101989	14116857	14089740	0.25	cps
Neodymium	150-1	207	293	247	249	17.43	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	193135	192693	193693	193174	0.26	cps
Phosphorus	31-2	2475	2484	2317	2425	3.87	cps
Potassium	39-2	1199674	1192581	1187151	1193135	0.53	cps
Rhodium	103-1	9593583	9495300	9623166	9570683	0.70	cps
Rhodium	103-2	2334363	2300955	2298269	2311195	0.87	cps
Scandium	45-1	6015800	5967079	5952976	5978618	0.55	cps
Scandium	45-2	34185	33788	34051	34008	0.59	cps
Selenium	77-2	193	190	247	210	15.14	cps
Selenium	78-2	698	733	685	706	3.53	cps
Selenium	82-1	51369	51515	51308	51397	0.21	cps
Silicon	28-1	1994645	2024978	2033675	2017766	1.02	cps
Silver	109-1	4141695	4106484	4051742	4099974	1.11	cps
Silver	107-1	4278486	4314223	4290548	4294419	0.42	cps
Sodium	23-2	11573717	11468490	11554818	11532342	0.49	cps
Strontium	86-1	1085671	1095186	1092287	1091048	0.45	cps
Strontium	88-1	9485973	9472234	9419123	9459110	0.37	cps
Sulfur	34-1	601963	604130	599971	602021	0.35	cps
Terbium	159-1	14724008	14702770	14771557	14732779	0.24	cps
Terbium	159-2	2615315	2607483	2586226	2603008	0.58	cps
Thallium	203-1	3613791	3645196	3605889	3621625	0.57	cps
Thallium	205-1	8541498	8587578	8557764	8562280	0.27	cps
Tin	118-1	2917629	2913021	2905103	2911917	0.22	cps
Titanium	47-1	2255962	2263584	2240490	2253345	0.52	cps
Uranium	238-1	12024785	12112200	12105194	12080726	0.40	cps
Vanadium	51-2	212346	211400	213034	212260	0.39	cps
Yttrium	89-1	11047702	10973025	10918686	10979804	0.59	cps
Yttrium	89-2	256097	255079	254964	255380	0.24	cps
Zinc	66-2	89372	89409	88926	89236	0.30	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:38:07	DataFile Name :	041CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5967434	5976329	5973846	5972537	0.08	cps
Zirconium	91-1	1322322	1313276	1315164	1316921	0.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	1492	1609	1450	1517	5.41	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	25	67	92	61	55.11	cps
Barium	137-1	100	75	75	83	17.33	cps
Beryllium	9-1	178	161	200	180	10.86	cps
Bismuth	209-1	9219384	9224353	9537103	9326947	1.95	cps
Bismuth	209-2	2398789	2376861	2388177	2387942	0.46	cps
Boron	10-1	800	750	858	803	6.75	cps
Boron	11-1	3701	3976	3909	3862	3.72	cps
Cadmium	111-1	1718	1644	1770	1711	3.70	cps
Cadmium	106-1	2417	2342	2534	2431	3.97	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Calcium	43-1	642	575	617	611	5.51	cps
Calcium	44-1	16544	16844	16235	16541	1.84	cps
Chromium	52-2	413	467	370	417	11.62	cps
Cobalt	59-2	30	67	37	44	43.95	cps
Copper	63-2	413	413	363	397	7.28	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	100	125	67	97	30.10	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	13734945	14071313	14350625	14052294	2.19	cps
Holmium	165-2	2826342	2746437	2812031	2794937	1.52	cps
Indium	115-1	10496429	10737551	10857090	10697023	1.72	cps
Indium	115-2	368639	365741	372583	368988	0.93	cps
Iron	56-2	1378	1333	1450	1387	4.25	cps
Iron	57-2	22	22	17	20	15.73	cps
Krypton	83-1	330	327	277	311	9.60	cps
Lead	206-1	406	433	439	426	4.19	cps
Lead	207-1	306	411	328	348	15.98	cps
Lead	208-1	1556	1678	1722	1652	5.22	cps
Lithium	6-1	2183065	2181481	2243539	2202695	1.61	cps
Magnesium	24-2	233	225	275	244	10.96	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	33	28	18.33	cps
Molybdenum	94-1	825	733	883	814	9.29	cps
Molybdenum	95-1	650	475	458	528	20.12	cps
Molybdenum	96-1	883	883	708	825	12.25	cps
Molybdenum	97-1	458	467	475	467	1.79	cps
Molybdenum	98-1	1083	817	775	892	18.76	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	80	120	109	23.18	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1517	1567	1608	1564	2.94	cps
Rhodium	103-1	9958271	9970561	10192533	10040455	1.31	cps
Rhodium	103-2	2487662	2452972	2525118	2488584	1.45	cps
Scandium	45-1	5837699	5866174	6008570	5904148	1.55	cps
Scandium	45-2	35769	34723	35375	35289	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	0	24	46	23	99.72	cps
Silicon	28-1	280990	280984	275331	279102	1.17	cps
Silver	109-1	200	275	275	250	17.32	cps
Silver	107-1	367	258	283	303	18.73	cps
Sodium	23-2	4051	3867	4268	4062	4.93	cps
Strontium	86-1	450	475	617	514	17.49	cps
Strontium	88-1	442	317	275	344	25.18	cps
Sulfur	34-1	367385	366720	367998	367367	0.17	cps
Terbium	159-1	14068451	14373265	14656159	14365958	2.05	cps
Terbium	159-2	2620705	2620534	2663882	2635040	0.95	cps
Thallium	203-1	317	333	242	297	16.43	cps
Thallium	205-1	875	842	900	872	3.36	cps
Tin	118-1	1467	1375	1600	1481	7.64	cps
Titanium	47-1	142	192	200	178	17.75	cps
Uranium	238-1	83	67	83	78	12.37	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Yttrium	89-1	10806138	10973817	11077634	10952530	1.25	cps
Yttrium	89-2	264658	259949	266013	263540	1.21	cps
Zinc	66-2	50	53	67	57	15.57	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:54:52	DataFile Name :	042CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1667	1625	1653	1.46	cps
Zirconium	91-1	400	267	483	383	28.51	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	758	600	858	739	17.63	cps
Arsenic	75-2	6	0	4	3	91.69	cps
Barium	135-1	67	83	75	75	11.11	cps
Barium	137-1	83	125	75	94	28.37	cps
Beryllium	9-1	156	128	172	152	14.79	cps
Bismuth	209-1	9544352	9732765	9571595	9616237	1.06	cps
Bismuth	209-2	2373120	2395282	2397666	2388690	0.57	cps
Boron	10-1	600	767	742	703	12.79	cps
Boron	11-1	3367	3509	3467	3448	2.11	cps
Cadmium	111-1	1883	1862	1852	1866	0.86	cps
Cadmium	106-1	2659	2617	2634	2637	0.80	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	575	725	550	617	15.35	cps
Calcium	44-1	16585	16828	17144	16853	1.66	cps
Chromium	52-2	393	420	413	409	3.39	cps
Cobalt	59-2	37	47	53	46	18.41	cps
Copper	63-2	437	410	420	422	3.19	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	75	108	81	31.60	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Gadolinium	160-2	3	3	23	10	115.51	cps
Holmium	165-1	14237900	14531747	14462390	14410679	1.07	cps
Holmium	165-2	2778914	2788695	2826525	2798045	0.90	cps
Indium	115-1	10884456	10942169	10949972	10925532	0.33	cps
Indium	115-2	368289	369272	370511	369357	0.30	cps
Iron	56-2	1250	1200	1011	1154	10.92	cps
Iron	57-2	11	39	28	26	53.93	cps
Krypton	83-1	393	367	297	352	14.17	cps
Lead	206-1	450	400	333	394	14.84	cps
Lead	207-1	344	350	417	370	10.85	cps
Lead	208-1	1656	1633	1656	1648	0.78	cps
Lithium	6-1	2229711	2246427	2242744	2239627	0.39	cps
Magnesium	24-2	200	217	250	222	11.46	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	43	33	39	13.09	cps
Molybdenum	94-1	692	767	550	669	16.44	cps
Molybdenum	95-1	392	317	350	353	10.65	cps
Molybdenum	96-1	458	558	475	497	10.77	cps
Molybdenum	97-1	233	217	158	203	19.42	cps
Molybdenum	98-1	550	425	492	489	12.79	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	100	160	117	126	24.67	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1675	1492	1742	1636	7.91	cps
Rhodium	103-1	10275836	10417229	10194115	10295727	1.10	cps
Rhodium	103-2	2539742	2505904	2541294	2528980	0.79	cps
Scandium	45-1	6139130	6169817	6130825	6146591	0.33	cps
Scandium	45-2	35856	34914	35729	35499	1.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-83	-65	14	-45	-116.25	cps
Silicon	28-1	280764	280298	280413	280492	0.09	cps
Silver	109-1	233	242	200	225	9.80	cps
Silver	107-1	250	208	225	228	9.21	cps
Sodium	23-2	4034	3984	3967	3995	0.87	cps
Strontium	86-1	542	458	550	517	9.81	cps
Strontium	88-1	333	367	300	333	10.00	cps
Sulfur	34-1	367380	365495	372239	368371	0.94	cps
Terbium	159-1	14695549	14782791	14539420	14672587	0.84	cps
Terbium	159-2	2651954	2657119	2647509	2652194	0.18	cps
Thallium	203-1	358	308	300	322	9.79	cps
Thallium	205-1	825	792	767	795	3.68	cps
Tin	118-1	1142	1383	1200	1242	10.16	cps
Titanium	47-1	58	142	100	100	41.66	cps
Uranium	238-1	50	17	42	36	48.03	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	11184029	11275397	11093838	11184421	0.81	cps
Yttrium	89-2	264438	264510	264426	264458	0.02	cps
Zinc	66-2	40	33	17	30	40.05	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BL	Instrumnet Name :	P8
Client Sample ID :	PB111170BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 16:58:12	DataFile Name :	043CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	1408	1300	1317	6.42	cps
Zirconium	91-1	375	317	300	331	11.91	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39924	40183	39088	39731	1.44	cps
Antimony	121-1	4158580	4130016	4120357	4136318	0.48	cps
Arsenic	75-2	31733	31757	31278	31589	0.85	cps
Barium	135-1	4492050	4445320	4444607	4460659	0.61	cps
Barium	137-1	7690574	7709816	7671716	7690702	0.25	cps
Beryllium	9-1	544968	534506	537270	538915	1.01	cps
Bismuth	209-1	9386171	9418143	9795305	9533206	2.39	cps
Bismuth	209-2	2303410	2303693	2301925	2303009	0.04	cps
Boron	10-1	58269	58914	59766	58983	1.27	cps
Boron	11-1	267630	275011	283440	275361	2.87	cps
Cadmium	111-1	874251	874908	880583	876581	0.40	cps
Cadmium	106-1	96720	94195	94799	95238	1.38	cps
Cadmium	108-1	63051	62758	62637	62815	0.34	cps
Calcium	43-1	878485	883976	885041	882501	0.40	cps
Calcium	44-1	14578910	14572133	14480557	14543867	0.38	cps
Chromium	52-2	285077	284603	282842	284174	0.41	cps
Cobalt	59-2	655062	650680	650338	652027	0.40	cps
Copper	63-2	1153735	1147428	1146351	1149172	0.35	cps
Dysprosium	156-1	83	92	92	89	5.41	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	92	42	58	64	39.85	cps
Erbium	164-2	13	30	20	21	39.75	cps
Gadolinium	160-1	117	175	125	139	22.72	cps
Gadolinium	160-2	20	27	23	23	14.29	cps
Holmium	165-1	14337434	14291941	14866726	14498700	2.20	cps
Holmium	165-2	2744000	2776420	2766502	2762307	0.60	cps
Indium	115-1	10513705	10638731	10986006	10712814	2.28	cps
Indium	115-2	351923	350565	347832	350107	0.60	cps
Iron	56-2	9743773	9663408	9682306	9696496	0.43	cps
Iron	57-2	241491	238878	244944	241771	1.26	cps
Krypton	83-1	313	350	347	337	6.02	cps
Lead	206-1	3018088	3000264	2995932	3004761	0.39	cps
Lead	207-1	2755460	2781018	2762043	2766174	0.48	cps
Lead	208-1	12363888	12329627	12236493	12310003	0.54	cps
Lithium	6-1	2183252	2206324	2245785	2211787	1.43	cps
Magnesium	24-2	1028642	1016876	1021260	1022259	0.58	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	152198	149985	151568	151250	0.75	cps
Molybdenum	94-1	7047387	7051019	7007400	7035269	0.34	cps
Molybdenum	95-1	8671065	8632744	8626430	8643413	0.28	cps
Molybdenum	96-1	9696133	9671308	9635246	9667562	0.32	cps
Molybdenum	97-1	5498252	5538358	5492417	5509675	0.45	cps
Molybdenum	98-1	13958870	14000107	14021098	13993358	0.23	cps
Neodymium	150-1	220	193	313	242	26.01	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	195047	192609	190888	192848	1.08	cps
Phosphorus	31-2	2300	2442	2409	2384	3.11	cps
Potassium	39-2	238827	239138	235888	237951	0.75	cps
Rhodium	103-1	9867382	9813769	10124307	9935153	1.67	cps
Rhodium	103-2	2402160	2374726	2379973	2385620	0.61	cps
Scandium	45-1	5948533	5894439	6094618	5979197	1.73	cps
Scandium	45-2	33784	33116	33727	33542	1.10	cps
Selenium	77-2	247	217	207	223	9.32	cps
Selenium	78-2	707	700	706	704	0.55	cps
Selenium	82-1	52257	52147	52681	52361	0.54	cps
Silicon	28-1	1984449	2003051	2017986	2001828	0.84	cps
Silver	109-1	4220676	4202189	4237332	4220065	0.42	cps
Silver	107-1	4427920	4426439	4398758	4417706	0.37	cps
Sodium	23-2	2374203	2339973	2361863	2358679	0.73	cps
Strontium	86-1	1083674	1088494	1084651	1085606	0.23	cps
Strontium	88-1	9452769	9464356	9374714	9430613	0.52	cps
Sulfur	34-1	618799	613644	607477	613307	0.92	cps
Terbium	159-1	14564358	14623499	15139872	14775909	2.14	cps
Terbium	159-2	2652674	2637911	2569628	2620071	1.69	cps
Thallium	203-1	3674525	3709728	3749058	3711104	1.00	cps
Thallium	205-1	8698802	8746180	8737971	8727651	0.29	cps
Tin	118-1	2937049	2946682	2941756	2941829	0.16	cps
Titanium	47-1	2245299	2266607	2231614	2247840	0.78	cps
Uranium	238-1	11975092	12164484	12054034	12064536	0.79	cps
Vanadium	51-2	209958	207503	207833	208431	0.64	cps
Yttrium	89-1	11014786	10987626	11297663	11100025	1.55	cps
Yttrium	89-2	253901	254658	252852	253803	0.36	cps
Zinc	66-2	93579	93176	93170	93309	0.25	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111170BS	Instrumnet Name :	P8
Client Sample ID :	PB111170BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:01:32	DataFile Name :	044LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5906017	5973148	5870845	5916670	0.88	cps
Zirconium	91-1	1304017	1306375	1291282	1300558	0.62	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	317	275	306	8.77	cps
Antimony	121-1	10638	9654	8937	9743	8.77	cps
Arsenic	75-2	19	30	30	26	24.74	cps
Barium	135-1	30169	29835	29826	29943	0.65	cps
Barium	137-1	52723	52547	53283	52851	0.73	cps
Beryllium	9-1	283	294	317	298	5.69	cps
Bismuth	209-1	10811036	10798482	10870959	10826826	0.36	cps
Bismuth	209-2	2590100	2559764	2627032	2592299	1.30	cps
Boron	10-1	3626	3267	3692	3528	6.48	cps
Boron	11-1	17987	17244	16026	17086	5.79	cps
Cadmium	111-1	2305	2400	2259	2321	3.11	cps
Cadmium	106-1	2917	2975	2817	2903	2.76	cps
Cadmium	108-1	58	58	25	47	40.75	cps
Calcium	43-1	106805	108424	106268	107166	1.05	cps
Calcium	44-1	1812747	1826244	1805929	1814973	0.57	cps
Chromium	52-2	2650	2947	2724	2774	5.57	cps
Cobalt	59-2	203	263	197	221	16.61	cps
Copper	63-2	369355	364885	360202	364814	1.25	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	100	92	50	81	33.26	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	158	108	108	125	23.09	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	16179427	16289272	15964603	16144434	1.02	cps
Holmium	165-2	3025653	2983887	3065291	3024944	1.35	cps
Indium	115-1	12251165	12307648	12107138	12221984	0.85	cps
Indium	115-2	395367	391124	399124	395205	1.01	cps
Iron	56-2	13485	12945	14605	13678	6.19	cps
Iron	57-2	350	394	367	370	6.06	cps
Krypton	83-1	347	367	300	338	10.13	cps
Lead	206-1	16266	16544	15944	16252	1.85	cps
Lead	207-1	14175	13563	14114	13951	2.42	cps
Lead	208-1	64643	64928	64159	64577	0.60	cps
Lithium	6-1	2450434	2451370	2424214	2442006	0.63	cps
Magnesium	24-2	25273	24739	24597	24870	1.43	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2240	2167	2134	2180	2.50	cps
Molybdenum	94-1	6719	5651	5176	5849	13.51	cps
Molybdenum	95-1	5135	4743	3717	4532	16.15	cps
Molybdenum	96-1	6310	6043	4634	5663	15.90	cps
Molybdenum	97-1	3251	2959	2775	2995	8.00	cps
Molybdenum	98-1	8770	7552	6635	7653	13.99	cps
Neodymium	150-1	67	33	60	53	33.08	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	72132	71023	71811	71655	0.80	cps
Phosphorus	31-2	125	67	133	108	33.53	cps
Potassium	39-2	7052	6335	7177	6855	6.63	cps
Rhodium	103-1	11323994	11443972	11324597	11364188	0.61	cps
Rhodium	103-2	2676570	2669215	2737864	2694549	1.40	cps
Scandium	45-1	6700360	6750114	6707042	6719172	0.40	cps
Scandium	45-2	37072	36718	37380	37057	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	22	15	73	37	85.90	cps
Silicon	28-1	3492225	3525379	3411260	3476288	1.69	cps
Silver	109-1	550	483	450	494	10.30	cps
Silver	107-1	625	592	567	594	4.92	cps
Sodium	23-2	513709	502053	505497	507087	1.18	cps
Strontium	86-1	47483	46957	47283	47241	0.56	cps
Strontium	88-1	408384	403353	396740	402826	1.45	cps
Sulfur	34-1	385424	387309	389372	387368	0.51	cps
Terbium	159-1	16382311	16533913	16304369	16406864	0.71	cps
Terbium	159-2	2883661	2821624	2911006	2872097	1.59	cps
Thallium	203-1	1325	1033	975	1111	16.88	cps
Thallium	205-1	3317	2517	2692	2842	14.80	cps
Tin	118-1	128071	126327	124945	126448	1.24	cps
Titanium	47-1	608	550	533	564	6.98	cps
Uranium	238-1	1183	1150	933	1089	12.47	cps
Vanadium	51-2	40	43	30	38	18.36	cps
Yttrium	89-1	12307254	12331815	12331246	12323439	0.11	cps
Yttrium	89-2	282372	278913	282624	281303	0.74	cps
Zinc	66-2	92700	92979	92069	92583	0.50	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-01	Instrumnet Name :	P8
Client Sample ID :	34-FL1-CR129-128-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:04:44	DataFile Name :	045SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10379	9053	7644	9026	15.15	cps
Zirconium	91-1	2167	1884	1659	1903	13.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	175	167	192	18.95	cps
Antimony	121-1	3259	3242	3109	3203	2.57	cps
Arsenic	75-2	17	31	22	23	31.90	cps
Barium	135-1	30720	30637	30402	30586	0.54	cps
Barium	137-1	50765	53459	52849	52358	2.70	cps
Beryllium	9-1	211	161	178	183	13.89	cps
Bismuth	209-1	10759177	10499294	10160213	10472895	2.87	cps
Bismuth	209-2	2548376	2485313	2532414	2522034	1.30	cps
Boron	10-1	1959	2017	1959	1978	1.70	cps
Boron	11-1	9253	9512	9070	9278	2.39	cps
Cadmium	111-1	2105	2230	2035	2123	4.64	cps
Cadmium	106-1	2917	3184	2834	2978	6.14	cps
Cadmium	108-1	71	100	46	72	37.54	cps
Calcium	43-1	107618	108030	107710	107786	0.20	cps
Calcium	44-1	1826933	1825083	1793562	1815192	1.03	cps
Chromium	52-2	423	467	380	423	10.24	cps
Cobalt	59-2	273	210	173	219	23.11	cps
Copper	63-2	1128040	1116527	1115105	1119890	0.63	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	83	17	67	56	62.45	cps
Erbium	164-2	17	30	10	19	53.91	cps
Gadolinium	160-1	225	100	167	164	38.16	cps
Gadolinium	160-2	13	23	20	19	26.96	cps
Holmium	165-1	16385667	15680277	15497077	15854340	2.96	cps
Holmium	165-2	2892062	2928165	2970846	2930358	1.35	cps
Indium	115-1	12259733	11876132	11623823	11919896	2.69	cps
Indium	115-2	377746	386589	388822	384386	1.52	cps
Iron	56-2	11811	12052	12085	11983	1.25	cps
Iron	57-2	283	217	339	280	21.89	cps
Krypton	83-1	393	353	280	342	16.80	cps
Lead	206-1	12715	11455	11472	11881	6.08	cps
Lead	207-1	10038	9804	10010	9951	1.28	cps
Lead	208-1	46736	45839	45616	46064	1.29	cps
Lithium	6-1	2463153	2410699	2385208	2419687	1.64	cps
Magnesium	24-2	25465	25874	24981	25440	1.76	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1977	1753	1817	1849	6.23	cps
Molybdenum	94-1	2917	2700	2100	2573	16.45	cps
Molybdenum	95-1	1825	1734	1642	1734	5.29	cps
Molybdenum	96-1	2234	2192	1959	2128	6.97	cps
Molybdenum	97-1	1033	950	1000	995	4.22	cps
Molybdenum	98-1	2625	2509	2342	2492	5.72	cps
Neodymium	150-1	33	27	80	47	62.27	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	7099	6999	6845	6981	1.83	cps
Phosphorus	31-2	83	58	167	103	55.19	cps
Potassium	39-2	6785	6352	7127	6755	5.75	cps
Rhodium	103-1	11408245	11047139	10926387	11127257	2.25	cps
Rhodium	103-2	2560618	2658307	2656427	2625117	2.13	cps
Scandium	45-1	6730049	6502733	6352161	6528314	2.91	cps
Scandium	45-2	36491	35281	36973	36248	2.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-66	-8	34	-13	-373.64	cps
Silicon	28-1	3636841	3419260	3417171	3491091	3.62	cps
Silver	109-1	292	200	317	269	22.80	cps
Silver	107-1	317	350	350	339	5.68	cps
Sodium	23-2	506173	501411	502039	503208	0.51	cps
Strontium	86-1	47141	47986	44917	46681	3.40	cps
Strontium	88-1	408366	408662	403474	406834	0.72	cps
Sulfur	34-1	380187	382717	386085	382996	0.77	cps
Terbium	159-1	16594048	16022167	15755033	16123749	2.66	cps
Terbium	159-2	2744666	2813354	2820083	2792701	1.49	cps
Thallium	203-1	842	733	842	806	7.76	cps
Thallium	205-1	1959	1842	2050	1950	5.36	cps
Tin	118-1	140281	146628	145119	144009	2.30	cps
Titanium	47-1	467	350	425	414	14.28	cps
Uranium	238-1	358	325	425	369	13.78	cps
Vanadium	51-2	20	30	33	28	24.98	cps
Yttrium	89-1	12390916	11922886	11779370	12031057	2.66	cps
Yttrium	89-2	267904	276150	275210	273088	1.65	cps
Zinc	66-2	184438	184451	183313	184068	0.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-02	Instrumnet Name :	P8
Client Sample ID :	35-FL1-CR128-110A-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:08:03	DataFile Name :	046SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5518	4534	4718	4923	10.63	cps
Zirconium	91-1	1183	1200	992	1125	10.29	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	67	47	36.74	cps
Antimony	121-1	2075	2059	1600	1911	14.11	cps
Arsenic	75-2	22	33	35	30	23.19	cps
Barium	135-1	29860	29985	28816	29553	2.17	cps
Barium	137-1	52078	51544	50280	51301	1.80	cps
Beryllium	9-1	189	150	122	154	21.79	cps
Bismuth	209-1	10632561	10308301	10237108	10392657	2.03	cps
Bismuth	209-2	2506322	2454510	2498450	2486427	1.12	cps
Boron	10-1	1392	1609	1408	1470	8.21	cps
Boron	11-1	7069	7052	6927	7016	1.10	cps
Cadmium	111-1	2059	1681	2042	1928	11.06	cps
Cadmium	106-1	2900	2334	2859	2698	11.71	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	104269	106863	102632	104588	2.04	cps
Calcium	44-1	1774229	1773801	1726906	1758312	1.55	cps
Chromium	52-2	503	360	450	438	16.55	cps
Cobalt	59-2	93	40	63	66	40.79	cps
Copper	63-2	221976	220902	220194	221024	0.41	cps
Dysprosium	156-1	17	75	58	50	60.09	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	142	75	83	100	36.32	cps
Erbium	164-2	20	17	27	21	24.12	cps
Gadolinium	160-1	250	142	183	192	28.51	cps
Gadolinium	160-2	13	27	30	23	37.81	cps
Holmium	165-1	16041087	15187577	15257024	15495230	3.06	cps
Holmium	165-2	2926083	2897896	2917801	2913927	0.50	cps
Indium	115-1	11977763	11503654	11587680	11689699	2.16	cps
Indium	115-2	382851	383005	382002	382620	0.14	cps
Iron	56-2	14130	13602	14687	14139	3.84	cps
Iron	57-2	422	367	383	391	7.30	cps
Krypton	83-1	383	420	373	392	6.26	cps
Lead	206-1	2723	2500	2595	2606	4.28	cps
Lead	207-1	1878	2289	2461	2210	13.57	cps
Lead	208-1	10413	10530	10408	10450	0.66	cps
Lithium	6-1	2455921	2329225	2378089	2387745	2.68	cps
Magnesium	24-2	24296	23762	24472	24177	1.53	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2167	2027	2177	2124	3.95	cps
Molybdenum	94-1	1900	1517	1784	1734	11.34	cps
Molybdenum	95-1	958	775	850	861	10.70	cps
Molybdenum	96-1	1083	1117	1242	1147	7.28	cps
Molybdenum	97-1	633	500	675	603	15.17	cps
Molybdenum	98-1	1325	1433	1250	1336	6.90	cps
Neodymium	150-1	47	93	60	67	36.06	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	1693	1703	1640	1679	2.03	cps
Phosphorus	31-2	167	183	158	169	7.51	cps
Potassium	39-2	6735	6944	6143	6607	6.28	cps
Rhodium	103-1	11290172	10703145	10835142	10942820	2.81	cps
Rhodium	103-2	2634994	2580018	2626119	2613710	1.13	cps
Scandium	45-1	6651734	6334526	6412720	6466327	2.56	cps
Scandium	45-2	35559	35164	35916	35546	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-60	-79	-19	-53	-58.33	cps
Silicon	28-1	3358502	3267965	3361557	3329342	1.60	cps
Silver	109-1	208	200	225	211	6.03	cps
Silver	107-1	350	192	342	294	30.26	cps
Sodium	23-2	509689	505778	504857	506775	0.51	cps
Strontium	86-1	46480	44591	45778	45616	2.09	cps
Strontium	88-1	392730	392864	384817	390137	1.18	cps
Sulfur	34-1	383405	384796	386443	384881	0.40	cps
Terbium	159-1	16340607	15428411	15601854	15790291	3.07	cps
Terbium	159-2	2758552	2727494	2770728	2752258	0.81	cps
Thallium	203-1	333	308	317	319	3.99	cps
Thallium	205-1	892	767	900	853	8.76	cps
Tin	118-1	23797	23597	22746	23380	2.39	cps
Titanium	47-1	525	542	358	475	21.34	cps
Uranium	238-1	508	367	367	414	19.76	cps
Vanadium	51-2	50	47	37	44	15.61	cps
Yttrium	89-1	12129787	11515997	11761450	11802411	2.62	cps
Yttrium	89-2	271482	268487	274460	271476	1.10	cps
Zinc	66-2	6698	6755	7022	6825	2.53	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-03	Instrumnet Name :	P8
Client Sample ID :	36-FL1-RM102-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:11:23	DataFile Name :	047SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3834	3551	3292	3559	7.61	cps
Zirconium	91-1	758	800	767	775	2.84	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	67	92	27.27	cps
Antimony	121-1	1975	2009	2109	2031	3.42	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	29083	29309	29517	29303	0.74	cps
Barium	137-1	50975	50523	50465	50654	0.55	cps
Beryllium	9-1	100	144	144	130	19.80	cps
Bismuth	209-1	10480728	10583666	10153661	10406018	2.16	cps
Bismuth	209-2	2594162	2454580	2384900	2477881	4.30	cps
Boron	10-1	1767	1809	1608	1728	6.11	cps
Boron	11-1	8011	7928	8186	8041	1.64	cps
Cadmium	111-1	1841	2031	1848	1907	5.64	cps
Cadmium	106-1	2542	2834	2575	2650	6.03	cps
Cadmium	108-1	67	46	67	60	20.15	cps
Calcium	43-1	105184	106577	103304	105021	1.56	cps
Calcium	44-1	1797368	1770553	1749180	1772367	1.36	cps
Chromium	52-2	4704	4487	4858	4683	3.97	cps
Cobalt	59-2	1727	1817	1777	1773	2.54	cps
Copper	63-2	1051960	1046048	1048774	1048927	0.28	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	20	8	137.80	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	142	125	142	136	7.07	cps
Gadolinium	160-2	3	27	20	17	72.13	cps
Holmium	165-1	15697523	15686613	15426072	15603403	0.98	cps
Holmium	165-2	2974747	2863166	2807581	2881831	2.95	cps
Indium	115-1	11829686	11873174	11613120	11771993	1.18	cps
Indium	115-2	387951	375465	362555	375323	3.38	cps
Iron	56-2	46762	47258	47687	47236	0.98	cps
Iron	57-2	1283	1106	1017	1135	11.96	cps
Krypton	83-1	340	373	333	349	6.14	cps
Lead	206-1	29724	29513	29613	29617	0.36	cps
Lead	207-1	24719	25042	24992	24918	0.70	cps
Lead	208-1	116584	116763	116288	116545	0.21	cps
Lithium	6-1	2415365	2419007	2376399	2403590	0.98	cps
Magnesium	24-2	24781	25674	24505	24987	2.45	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2927	3074	3217	3073	4.72	cps
Molybdenum	94-1	1475	1467	1383	1442	3.52	cps
Molybdenum	95-1	658	733	733	708	6.11	cps
Molybdenum	96-1	1083	1075	975	1045	5.77	cps
Molybdenum	97-1	525	550	475	517	7.39	cps
Molybdenum	98-1	1075	1000	1075	1050	4.12	cps
Neodymium	150-1	27	27	33	29	13.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	238242	236721	237783	237582	0.33	cps
Phosphorus	31-2	33	17	67	39	65.47	cps
Potassium	39-2	7019	6819	6393	6744	4.74	cps
Rhodium	103-1	11028479	11100300	10839802	10989527	1.22	cps
Rhodium	103-2	2663007	2591964	2476897	2577289	3.64	cps
Scandium	45-1	6487754	6635531	6393054	6505447	1.88	cps
Scandium	45-2	37039	35451	34380	35623	3.76	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-20	6	28	5	528.42	cps
Silicon	28-1	3451831	3410954	3435929	3432905	0.60	cps
Silver	109-1	225	250	242	239	5.33	cps
Silver	107-1	258	267	275	267	3.12	cps
Sodium	23-2	498105	503074	497872	499683	0.59	cps
Strontium	86-1	46045	46488	45435	45989	1.15	cps
Strontium	88-1	394926	393602	393994	394174	0.17	cps
Sulfur	34-1	386393	389365	388306	388021	0.39	cps
Terbium	159-1	16027365	16146596	15698944	15957635	1.45	cps
Terbium	159-2	2836084	2710581	2644224	2730296	3.57	cps
Thallium	203-1	517	625	658	600	12.35	cps
Thallium	205-1	1492	1275	1417	1395	7.89	cps
Tin	118-1	243406	244170	242120	243232	0.43	cps
Titanium	47-1	308	217	258	261	17.58	cps
Uranium	238-1	100	117	175	131	30.17	cps
Vanadium	51-2	30	20	30	27	21.65	cps
Yttrium	89-1	12027869	11967174	11884639	11959894	0.60	cps
Yttrium	89-2	276177	267439	258213	267276	3.36	cps
Zinc	66-2	165788	165935	163948	165224	0.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-05	Instrumnet Name :	P8
Client Sample ID :	38-FL1-CR104-W4-BC1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:14:43	DataFile Name :	048SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3025	2992	2925	2981	1.71	cps
Zirconium	91-1	758	758	567	694	15.93	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	17	33	39	65.47	cps
Antimony	121-1	3317	3134	3276	3242	2.96	cps
Arsenic	75-2	15	11	30	19	52.93	cps
Barium	135-1	30377	30996	30695	30689	1.01	cps
Barium	137-1	52162	52698	52531	52464	0.52	cps
Beryllium	9-1	128	172	106	135	25.11	cps
Bismuth	209-1	9688875	10739386	10511344	10313202	5.36	cps
Bismuth	209-2	2666381	2443776	2471537	2527231	4.80	cps
Boron	10-1	1467	1517	1550	1511	2.78	cps
Boron	11-1	6810	7110	7160	7027	2.70	cps
Cadmium	111-1	1812	2175	2330	2106	12.62	cps
Cadmium	106-1	2609	2959	3217	2928	10.43	cps
Cadmium	108-1	288	221	204	238	18.57	cps
Calcium	43-1	108348	109525	109064	108979	0.54	cps
Calcium	44-1	1825150	1844101	1835009	1834753	0.52	cps
Chromium	52-2	430	427	420	426	1.20	cps
Cobalt	59-2	670	663	737	690	5.88	cps
Copper	63-2	1016972	1023989	1012766	1017909	0.56	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	167	75	133	125	37.11	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	14765984	16028019	15699805	15497936	4.22	cps
Holmium	165-2	3082153	2944558	2901054	2975922	3.18	cps
Indium	115-1	11098523	12056643	11712016	11622394	4.18	cps
Indium	115-2	396827	376953	378090	383957	2.91	cps
Iron	56-2	12350	14675	13319	13448	8.68	cps
Iron	57-2	317	333	311	320	3.61	cps
Krypton	83-1	353	367	390	370	5.01	cps
Lead	206-1	35901	36409	36514	36275	0.90	cps
Lead	207-1	30643	31133	30504	30760	1.07	cps
Lead	208-1	143633	143898	143386	143639	0.18	cps
Lithium	6-1	2309708	2453181	2433865	2398918	3.25	cps
Magnesium	24-2	26567	26108	27369	26681	2.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2690	2620	2657	2656	1.32	cps
Molybdenum	94-1	1475	1300	1242	1339	9.07	cps
Molybdenum	95-1	483	575	558	539	9.06	cps
Molybdenum	96-1	733	875	975	861	14.10	cps
Molybdenum	97-1	300	308	383	331	13.88	cps
Molybdenum	98-1	975	900	933	936	4.01	cps
Neodymium	150-1	60	7	47	38	73.46	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	216659	215274	214300	215411	0.55	cps
Phosphorus	31-2	58	50	108	72	43.68	cps
Potassium	39-2	7002	7269	6877	7049	2.84	cps
Rhodium	103-1	10536517	11333604	11030524	10966882	3.67	cps
Rhodium	103-2	2751908	2587089	2581701	2640233	3.66	cps
Scandium	45-1	6114787	6691213	6527554	6444518	4.61	cps
Scandium	45-2	37711	35091	35451	36084	3.94	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	37	23	-33	9	412.62	cps
Silicon	28-1	3541757	3587700	3684838	3604765	2.03	cps
Silver	109-1	600	633	650	628	4.06	cps
Silver	107-1	875	733	717	775	11.23	cps
Sodium	23-2	508145	501170	502946	504087	0.72	cps
Strontium	86-1	48496	47459	49299	48418	1.91	cps
Strontium	88-1	417387	414823	417094	416435	0.34	cps
Sulfur	34-1	383290	385835	385671	384932	0.37	cps
Terbium	159-1	15090712	16429156	15965519	15828462	4.29	cps
Terbium	159-2	2909970	2717671	2776298	2801313	3.52	cps
Thallium	203-1	1717	1734	1659	1703	2.31	cps
Thallium	205-1	3984	4059	4109	4051	1.55	cps
Tin	118-1	3112316	3121861	3001182	3078453	2.18	cps
Titanium	47-1	333	292	217	281	21.07	cps
Uranium	238-1	100	100	117	106	9.11	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Yttrium	89-1	11485883	12429884	12063730	11993166	3.97	cps
Yttrium	89-2	285350	269086	270036	274824	3.32	cps
Zinc	66-2	619757	621419	618001	619726	0.28	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-07	Instrumnet Name :	P8
Client Sample ID :	40-FL1-CR112-123B-BC	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:18:01	DataFile Name :	049SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2725	2692	2592	2670	2.60	cps
Zirconium	91-1	492	792	758	681	24.16	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	92	69	30.21	cps
Antimony	121-1	1775	1784	1325	1628	16.11	cps
Arsenic	75-2	17	28	28	24	26.64	cps
Barium	135-1	29217	28139	28390	28582	1.97	cps
Barium	137-1	50514	50522	49677	50238	0.97	cps
Beryllium	9-1	139	128	133	133	4.17	cps
Bismuth	209-1	9313489	10347402	10318263	9993051	5.89	cps
Bismuth	209-2	2557430	2527699	2454808	2513312	2.10	cps
Boron	10-1	1325	1350	1142	1272	8.94	cps
Boron	11-1	6110	6260	6627	6332	4.20	cps
Cadmium	111-1	1923	1845	1924	1897	2.39	cps
Cadmium	106-1	2709	2575	2734	2673	3.18	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	104160	103548	103126	103611	0.50	cps
Calcium	44-1	1787189	1720550	1724440	1744060	2.14	cps
Chromium	52-2	2200	2067	2000	2089	4.88	cps
Cobalt	59-2	130	137	207	158	26.92	cps
Copper	63-2	489485	490484	488367	489445	0.22	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	75	83	75	78	6.19	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	142	108	133	128	13.57	cps
Gadolinium	160-2	13	17	27	19	36.75	cps
Holmium	165-1	14196383	15618251	15468188	15094274	5.18	cps
Holmium	165-2	2968364	2891055	2932753	2930724	1.32	cps
Indium	115-1	10763225	11987749	11818297	11523090	5.76	cps
Indium	115-2	388431	379592	379433	382485	1.35	cps
Iron	56-2	13452	13246	13396	13364	0.80	cps
Iron	57-2	322	283	344	317	9.77	cps
Krypton	83-1	370	363	327	353	6.60	cps
Lead	206-1	3256	2973	3178	3136	4.67	cps
Lead	207-1	2673	2556	2739	2656	3.50	cps
Lead	208-1	12720	12019	12336	12358	2.84	cps
Lithium	6-1	2235211	2415117	2385555	2345295	4.11	cps
Magnesium	24-2	24172	24630	24238	24347	1.02	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1837	1613	1800	1750	6.84	cps
Molybdenum	94-1	1225	3177	1242	1881	59.66	cps
Molybdenum	95-1	408	500	483	464	10.53	cps
Molybdenum	96-1	892	683	658	745	17.21	cps
Molybdenum	97-1	358	333	350	347	3.67	cps
Molybdenum	98-1	883	1017	825	908	10.82	cps
Neodymium	150-1	27	60	47	44	37.74	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	43441	43224	43280	43315	0.26	cps
Phosphorus	31-2	42	100	58	67	45.06	cps
Potassium	39-2	6602	6827	6477	6635	2.67	cps
Rhodium	103-1	10115128	11253024	10922933	10763695	5.44	cps
Rhodium	103-2	2642612	2591472	2625725	2619936	0.99	cps
Scandium	45-1	5876579	6518563	6539938	6311693	5.97	cps
Scandium	45-2	36839	36381	34924	36048	2.77	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-56	-44	-22	-41	-43.21	cps
Silicon	28-1	3463910	3491636	3402058	3452535	1.33	cps
Silver	109-1	183	200	150	178	14.32	cps
Silver	107-1	283	325	317	308	7.15	cps
Sodium	23-2	492325	491911	491938	492058	0.05	cps
Strontium	86-1	45744	44557	44515	44939	1.55	cps
Strontium	88-1	387863	383570	385139	385524	0.56	cps
Sulfur	34-1	392564	392562	393867	392998	0.19	cps
Terbium	159-1	14629199	16176608	15918495	15574767	5.32	cps
Terbium	159-2	2837390	2751260	2762682	2783777	1.68	cps
Thallium	203-1	333	542	400	425	25.04	cps
Thallium	205-1	808	783	908	833	7.94	cps
Tin	118-1	59241	60064	57559	58954	2.17	cps
Titanium	47-1	292	1111	358	587	77.54	cps
Uranium	238-1	183	167	125	158	18.97	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Yttrium	89-1	10951592	12057659	12007157	11672136	5.35	cps
Yttrium	89-2	275749	268544	271456	271916	1.33	cps
Zinc	66-2	41245	40720	40242	40735	1.23	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-08	Instrumnet Name :	P8
Client Sample ID :	41-FL1-CR115-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:21:20	DataFile Name :	050SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2534	2350	2417	2434	3.81	cps
Zirconium	91-1	633	700	500	611	16.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	175	200	175	14.28	cps
Antimony	121-1	1367	1333	1459	1386	4.67	cps
Arsenic	75-2	15	19	11	15	25.01	cps
Barium	135-1	28966	29217	28548	28910	1.17	cps
Barium	137-1	50481	52304	50748	51178	1.92	cps
Beryllium	9-1	106	44	72	74	41.30	cps
Bismuth	209-1	10615350	10339397	10258231	10404326	1.80	cps
Bismuth	209-2	2537112	2457209	2302840	2432387	4.90	cps
Boron	10-1	1408	1617	1375	1467	8.93	cps
Boron	11-1	6152	6360	6310	6274	1.73	cps
Cadmium	111-1	2208	2125	1872	2068	8.46	cps
Cadmium	106-1	2784	2717	2409	2636	7.59	cps
Cadmium	108-1	58	50	50	53	9.11	cps
Calcium	43-1	101256	103194	101852	102101	0.97	cps
Calcium	44-1	1735820	1740038	1733164	1736341	0.20	cps
Chromium	52-2	383	500	420	434	13.73	cps
Cobalt	59-2	180	197	203	193	6.22	cps
Copper	63-2	656156	660257	656936	657783	0.33	cps
Dysprosium	156-1	42	50	67	53	24.12	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	92	42	67	67	37.50	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	125	142	183	150	20.03	cps
Gadolinium	160-2	10	7	43	20	101.36	cps
Holmium	165-1	15522184	15368157	15431855	15440732	0.50	cps
Holmium	165-2	2976669	2870155	2815337	2887387	2.84	cps
Indium	115-1	11515961	11638795	11604773	11586510	0.55	cps
Indium	115-2	390680	373251	362737	375556	3.76	cps
Iron	56-2	13958	12890	13068	13305	4.30	cps
Iron	57-2	233	422	306	320	29.75	cps
Krypton	83-1	323	343	320	329	3.84	cps
Lead	206-1	6135	6463	6963	6520	6.40	cps
Lead	207-1	5779	5429	5757	5655	3.47	cps
Lead	208-1	25956	25800	25944	25900	0.33	cps
Lithium	6-1	2335888	2376973	2350960	2354607	0.88	cps
Magnesium	24-2	23771	24898	25157	24608	2.99	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2137	1980	2167	2095	4.79	cps
Molybdenum	94-1	1042	975	925	981	5.97	cps
Molybdenum	95-1	367	375	400	381	4.56	cps
Molybdenum	96-1	517	650	742	636	17.79	cps
Molybdenum	97-1	258	250	292	267	8.27	cps
Molybdenum	98-1	617	717	600	644	9.79	cps
Neodymium	150-1	47	27	53	42	32.87	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	12629	12736	12352	12573	1.58	cps
Phosphorus	31-2	75	108	108	97	19.80	cps
Potassium	39-2	6635	6835	6535	6669	2.29	cps
Rhodium	103-1	10816095	10897009	10852210	10855105	0.37	cps
Rhodium	103-2	2663520	2553830	2509937	2575763	3.07	cps
Scandium	45-1	6448284	6379794	6418213	6415430	0.54	cps
Scandium	45-2	37363	35331	33119	35271	6.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	46	15	-1	20	122.21	cps
Silicon	28-1	3295236	3345918	3322194	3321116	0.76	cps
Silver	109-1	250	258	125	211	35.38	cps
Silver	107-1	267	233	225	242	9.12	cps
Sodium	23-2	493153	492938	494325	493472	0.15	cps
Strontium	86-1	43595	44432	45527	44518	2.18	cps
Strontium	88-1	375856	385244	384954	382018	1.40	cps
Sulfur	34-1	386997	392046	392193	390412	0.76	cps
Terbium	159-1	15682300	15884313	15687732	15751448	0.73	cps
Terbium	159-2	2845188	2697078	2625399	2722555	4.12	cps
Thallium	203-1	342	342	333	339	1.42	cps
Thallium	205-1	867	983	783	878	11.45	cps
Tin	118-1	502551	491424	492872	495616	1.22	cps
Titanium	47-1	367	508	408	428	17.02	cps
Uranium	238-1	175	200	150	175	14.28	cps
Vanadium	51-2	40	30	30	33	17.32	cps
Yttrium	89-1	11719883	11688764	11895969	11768205	0.95	cps
Yttrium	89-2	277775	265427	261792	268332	3.12	cps
Zinc	66-2	80525	80833	81702	81020	0.75	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-09	Instrumnet Name :	P8
Client Sample ID :	42-FL1-CR115-129A-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:24:39	DataFile Name :	051SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2350	1967	2109	2142	9.05	cps
Zirconium	91-1	517	483	533	511	4.98	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	108	58	69	49.96	cps
Antimony	121-1	1800	1784	1617	1734	5.85	cps
Arsenic	75-2	13	11	11	12	9.11	cps
Barium	135-1	32073	31580	31965	31873	0.81	cps
Barium	137-1	57551	56639	56747	56979	0.87	cps
Beryllium	9-1	156	128	128	137	11.70	cps
Bismuth	209-1	10171411	10057468	10464586	10231155	2.05	cps
Bismuth	209-2	2546254	2419465	2378751	2448157	3.57	cps
Boron	10-1	1375	1467	1375	1406	3.77	cps
Boron	11-1	6060	6118	6102	6093	0.49	cps
Cadmium	111-1	1723	1784	2030	1846	8.80	cps
Cadmium	106-1	2425	2509	2884	2606	9.37	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	108997	110490	109549	109679	0.69	cps
Calcium	44-1	1854768	1806562	1820556	1827296	1.36	cps
Chromium	52-2	863	940	967	923	5.81	cps
Cobalt	59-2	320	377	353	350	8.14	cps
Copper	63-2	1973733	1966093	1950899	1963575	0.59	cps
Dysprosium	156-1	0	25	50	25	100.00	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	17	92	17	42	103.91	cps
Erbium	164-2	17	23	7	16	53.90	cps
Gadolinium	160-1	133	100	133	122	15.74	cps
Gadolinium	160-2	23	23	13	20	28.87	cps
Holmium	165-1	15349985	15374222	15683383	15469197	1.20	cps
Holmium	165-2	2974747	2911635	2741918	2876100	4.19	cps
Indium	115-1	11640254	11524679	11885543	11683492	1.58	cps
Indium	115-2	386729	381750	365796	378092	2.89	cps
Iron	56-2	8764	8870	9054	8896	1.65	cps
Iron	57-2	189	233	250	224	14.10	cps
Krypton	83-1	327	343	377	349	7.30	cps
Lead	206-1	2945	3228	3112	3095	4.60	cps
Lead	207-1	2600	2839	2489	2643	6.77	cps
Lead	208-1	12486	12842	12108	12479	2.94	cps
Lithium	6-1	2398856	2367389	2447246	2404497	1.67	cps
Magnesium	24-2	24797	24447	25716	24987	2.62	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2774	2934	3124	2944	5.95	cps
Molybdenum	94-1	1075	917	1008	1000	7.95	cps
Molybdenum	95-1	358	308	317	328	8.17	cps
Molybdenum	96-1	692	667	542	633	12.69	cps
Molybdenum	97-1	242	250	242	244	1.97	cps
Molybdenum	98-1	658	633	675	656	3.20	cps
Neodymium	150-1	33	53	33	40	28.88	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	297425	298053	296208	297229	0.32	cps
Phosphorus	31-2	17	8	58	28	96.44	cps
Potassium	39-2	6977	6618	7194	6930	4.19	cps
Rhodium	103-1	10878919	10739572	11138868	10919120	1.86	cps
Rhodium	103-2	2667280	2613572	2433134	2571329	4.77	cps
Scandium	45-1	6454836	6300142	6573585	6442854	2.13	cps
Scandium	45-2	36558	34987	34549	35365	2.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	21	11	-58	-9	-505.08	cps
Silicon	28-1	3491160	3477560	3436065	3468261	0.83	cps
Silver	109-1	175	133	200	169	19.88	cps
Silver	107-1	283	225	325	278	18.08	cps
Sodium	23-2	494960	501183	500429	498857	0.68	cps
Strontium	86-1	48412	46798	47383	47531	1.72	cps
Strontium	88-1	407326	404492	400573	404130	0.84	cps
Sulfur	34-1	391244	393650	395511	393468	0.54	cps
Terbium	159-1	15772794	15692159	15986879	15817277	0.96	cps
Terbium	159-2	2820105	2743924	2614584	2726204	3.81	cps
Thallium	203-1	358	333	283	325	11.75	cps
Thallium	205-1	675	958	750	795	18.48	cps
Tin	118-1	99127	108955	97874	101985	5.95	cps
Titanium	47-1	308	225	308	281	17.15	cps
Uranium	238-1	192	133	117	147	26.75	cps
Vanadium	51-2	13	20	27	20	33.35	cps
Yttrium	89-1	11799626	11753216	12073731	11875524	1.46	cps
Yttrium	89-2	277421	270944	258630	268998	3.55	cps
Zinc	66-2	79379	80260	80814	80151	0.90	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-10	Instrumnet Name :	P8
Client Sample ID :	43-FL1-CR117-W1-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:27:58	DataFile Name :	052SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1909	1959	2242	2036	8.83	cps
Zirconium	91-1	417	392	450	419	6.98	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206577	212255	212418	210417	1.58	cps
Antimony	121-1	4035034	4077989	4053014	4055346	0.53	cps
Arsenic	75-2	32228	32598	32733	32520	0.80	cps
Barium	135-1	4420508	4409143	4438618	4422756	0.34	cps
Barium	137-1	7662872	7683285	7649551	7665236	0.22	cps
Beryllium	9-1	539773	541094	543771	541546	0.38	cps
Bismuth	209-1	8941331	8910235	8978501	8943356	0.38	cps
Bismuth	209-2	2183340	2211476	2238690	2211169	1.25	cps
Boron	10-1	60034	60813	63089	61312	2.59	cps
Boron	11-1	278912	287017	293555	286495	2.56	cps
Cadmium	111-1	842658	849657	847465	846593	0.42	cps
Cadmium	106-1	91593	92315	93348	92418	0.95	cps
Cadmium	108-1	62285	60209	61125	61206	1.70	cps
Calcium	43-1	4391738	4424901	4425872	4414170	0.44	cps
Calcium	44-1	71905891	71882766	72477158	72088605	0.47	cps
Chromium	52-2	302799	303500	308091	304797	0.94	cps
Cobalt	59-2	661073	663415	666762	663750	0.43	cps
Copper	63-2	1132315	1129975	1142748	1135013	0.60	cps
Dysprosium	156-1	75	50	67	64	19.92	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	58	58	25	47	40.76	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	150	75	83	103	40.00	cps
Gadolinium	160-2	17	20	7	14	48.02	cps
Holmium	165-1	14002465	14120194	14246189	14122949	0.86	cps
Holmium	165-2	2733259	2789941	2778777	2767326	1.09	cps
Indium	115-1	10285812	10472119	10378653	10378861	0.90	cps
Indium	115-2	347425	350453	353563	350480	0.88	cps
Iron	56-2	49482587	49225850	49524514	49410984	0.33	cps
Iron	57-2	1229850	1242646	1252840	1241779	0.93	cps
Krypton	83-1	310	313	337	320	4.54	cps
Lead	206-1	2888367	2901482	2947394	2912414	1.06	cps
Lead	207-1	2676428	2675011	2689987	2680475	0.31	cps
Lead	208-1	11888482	11885275	11943313	11905690	0.27	cps
Lithium	6-1	2157386	2175158	2176642	2169729	0.49	cps
Magnesium	24-2	5303546	5318153	5336443	5319381	0.31	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156286	158140	159310	157912	0.97	cps
Molybdenum	94-1	7091026	7069472	7059675	7073391	0.23	cps
Molybdenum	95-1	8619456	8649771	8725157	8664795	0.63	cps
Molybdenum	96-1	9710237	9571838	9655985	9646020	0.72	cps
Molybdenum	97-1	5516605	5484524	5515961	5505697	0.33	cps
Molybdenum	98-1	13900417	13911653	13859548	13890539	0.20	cps
Neodymium	150-1	293	233	267	264	11.37	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	195255	194660	200518	196811	1.64	cps
Phosphorus	31-2	2592	2359	2709	2553	6.98	cps
Potassium	39-2	1227575	1245740	1258117	1243811	1.24	cps
Rhodium	103-1	9441569	9463651	9522623	9475948	0.44	cps
Rhodium	103-2	2295760	2328756	2351002	2325173	1.20	cps
Scandium	45-1	5899785	5905991	5940184	5915320	0.37	cps
Scandium	45-2	34833	35017	35558	35136	1.07	cps
Selenium	77-2	190	233	213	212	10.22	cps
Selenium	78-2	737	743	744	741	0.52	cps
Selenium	82-1	51082	51265	51618	51321	0.53	cps
Silicon	28-1	2052056	2062992	2096543	2070530	1.12	cps
Silver	109-1	4026583	4070117	4042375	4046358	0.54	cps
Silver	107-1	4239506	4216302	4239382	4231730	0.32	cps
Sodium	23-2	11946394	12095800	12128054	12056749	0.80	cps
Strontium	86-1	1085110	1083668	1092646	1087141	0.44	cps
Strontium	88-1	9426929	9377165	9370378	9391491	0.33	cps
Sulfur	34-1	624361	624288	628732	625794	0.41	cps
Terbium	159-1	14292685	14559775	14423396	14425285	0.93	cps
Terbium	159-2	2582367	2632453	2622067	2612295	1.01	cps
Thallium	203-1	3568824	3614038	3610512	3597792	0.70	cps
Thallium	205-1	8384845	8464589	8490860	8446764	0.65	cps
Tin	118-1	2912284	2892842	2888069	2897732	0.44	cps
Titanium	47-1	2286687	2290227	2269384	2282099	0.49	cps
Uranium	238-1	11954258	11976915	11945533	11958902	0.14	cps
Vanadium	51-2	218354	217329	218559	218081	0.30	cps
Yttrium	89-1	10784298	10858437	10931509	10858081	0.68	cps
Yttrium	89-2	255246	259679	259993	258306	1.03	cps
Zinc	66-2	92274	91661	92989	92308	0.72	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:31:17	DataFile Name :	053CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5953832	5934427	5998896	5962385	0.55	cps
Zirconium	91-1	1305339	1318117	1305018	1309491	0.57	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	11247	10004	9771	10341	7.67	cps
Arsenic	75-2	7	11	6	8	35.21	cps
Barium	135-1	200	175	217	197	10.63	cps
Barium	137-1	300	150	308	253	35.25	cps
Beryllium	9-1	283	306	278	289	5.09	cps
Bismuth	209-1	9705593	9587569	9737781	9676981	0.82	cps
Bismuth	209-2	2394073	2414874	2404799	2404582	0.43	cps
Boron	10-1	2742	2575	2517	2611	4.47	cps
Boron	11-1	12097	11096	10913	11369	5.61	cps
Cadmium	111-1	1860	1904	1779	1848	3.41	cps
Cadmium	106-1	2592	2609	2450	2550	3.41	cps
Cadmium	108-1	13	8	33	18	74.19	cps
Calcium	43-1	808	700	675	728	9.74	cps
Calcium	44-1	19039	17879	18546	18488	3.15	cps
Chromium	52-2	413	403	400	406	1.71	cps
Cobalt	59-2	77	80	50	69	23.87	cps
Copper	63-2	533	443	470	482	9.59	cps
Dysprosium	156-1	8	42	0	17	132.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	13	0	17	10	88.20	cps
Gadolinium	160-1	58	92	125	92	36.36	cps
Gadolinium	160-2	3	17	17	12	63.01	cps
Holmium	165-1	14657562	14534852	14386473	14526296	0.93	cps
Holmium	165-2	2828859	2876642	2830746	2845416	0.95	cps
Indium	115-1	11183660	11081621	11019592	11094957	0.75	cps
Indium	115-2	376003	376837	377641	376827	0.22	cps
Iron	56-2	2561	2473	2384	2473	3.60	cps
Iron	57-2	61	44	61	56	17.31	cps
Krypton	83-1	303	297	273	291	5.41	cps
Lead	206-1	556	461	550	522	10.15	cps
Lead	207-1	617	444	594	552	16.98	cps
Lead	208-1	2272	2067	2245	2195	5.08	cps
Lithium	6-1	2277392	2224364	2263337	2255031	1.22	cps
Magnesium	24-2	367	283	275	308	16.44	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	23	40	30	29.40	cps
Molybdenum	94-1	3751	3084	3159	3331	10.97	cps
Molybdenum	95-1	4534	3659	3842	4012	11.51	cps
Molybdenum	96-1	5143	4626	4426	4732	7.82	cps
Molybdenum	97-1	2817	2400	2484	2567	8.59	cps
Molybdenum	98-1	7402	6102	6177	6560	11.13	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	157	110	127	20.55	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1834	1992	1684	1836	8.40	cps
Rhodium	103-1	10519095	10423449	10274975	10405840	1.18	cps
Rhodium	103-2	2560558	2587537	2548956	2565684	0.77	cps
Scandium	45-1	6210033	6188320	6146515	6181623	0.52	cps
Scandium	45-2	35876	36828	36675	36460	1.40	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	56	63	20	46	48.84	cps
Silicon	28-1	286655	287734	287391	287260	0.19	cps
Silver	109-1	442	400	333	392	13.95	cps
Silver	107-1	558	433	350	447	23.45	cps
Sodium	23-2	6102	5635	6027	5921	4.23	cps
Strontium	86-1	542	450	550	514	10.80	cps
Strontium	88-1	467	625	508	533	15.39	cps
Sulfur	34-1	371448	367066	366513	368342	0.73	cps
Terbium	159-1	14928056	14776878	14735565	14813500	0.68	cps
Terbium	159-2	2669587	2713046	2694951	2692528	0.81	cps
Thallium	203-1	1250	1100	942	1097	14.05	cps
Thallium	205-1	2584	2459	2359	2467	4.57	cps
Tin	118-1	4234	4201	3917	4118	4.23	cps
Titanium	47-1	275	317	208	267	20.49	cps
Uranium	238-1	742	508	433	561	28.66	cps
Vanadium	51-2	20	20	7	16	49.47	cps
Yttrium	89-1	11429137	11279915	11133649	11280900	1.31	cps
Yttrium	89-2	269466	269620	271154	270080	0.35	cps
Zinc	66-2	37	67	57	53	28.64	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:34:27	DataFile Name :	054CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2950	2825	2775	2850	3.16	cps
Zirconium	91-1	608	458	642	569	17.15	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	67	53	45.58	cps
Antimony	121-1	6327	6118	6227	6224	1.67	cps
Arsenic	75-2	19	24	19	20	15.73	cps
Barium	135-1	34062	33393	33243	33566	1.30	cps
Barium	137-1	60004	59184	59644	59610	0.69	cps
Beryllium	9-1	211	161	122	165	27.04	cps
Bismuth	209-1	10487005	10179632	10272176	10312938	1.53	cps
Bismuth	209-2	2534095	2532090	2527687	2531291	0.13	cps
Boron	10-1	6760	6827	6335	6641	4.02	cps
Boron	11-1	30458	31110	31544	31037	1.76	cps
Cadmium	111-1	1928	1841	1997	1922	4.06	cps
Cadmium	106-1	2742	2575	2759	2692	3.77	cps
Cadmium	108-1	71	58	67	65	9.76	cps
Calcium	43-1	112195	112035	110054	111428	1.07	cps
Calcium	44-1	1909821	1892900	1890772	1897831	0.55	cps
Chromium	52-2	383	417	407	402	4.25	cps
Cobalt	59-2	113	103	97	104	8.03	cps
Copper	63-2	4988087	4908994	4943060	4946713	0.80	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	67	83	25	58	51.51	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	175	83	133	131	35.15	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	15813919	15548782	15650337	15671013	0.85	cps
Holmium	165-2	2975982	2997775	2986724	2986827	0.36	cps
Indium	115-1	12051964	11819751	11822781	11898165	1.12	cps
Indium	115-2	390800	399318	394356	394825	1.08	cps
Iron	56-2	6824	6852	6746	6808	0.81	cps
Iron	57-2	178	150	161	163	8.58	cps
Krypton	83-1	420	320	533	424	25.15	cps
Lead	206-1	50958	50852	49860	50557	1.20	cps
Lead	207-1	43904	42789	42884	43192	1.43	cps
Lead	208-1	201893	199783	198453	200043	0.87	cps
Lithium	6-1	2554393	2444145	2445568	2481369	2.55	cps
Magnesium	24-2	26593	26192	26292	26359	0.79	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1287	1273	1430	1330	6.53	cps
Molybdenum	94-1	5935	5068	4851	5285	10.85	cps
Molybdenum	95-1	1425	1358	1292	1358	4.91	cps
Molybdenum	96-1	2500	2300	2150	2317	7.58	cps
Molybdenum	97-1	933	817	1058	936	12.91	cps
Molybdenum	98-1	2284	2359	2309	2317	1.65	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	208929	211393	210532	210285	0.59	cps
Phosphorus	31-2	50	33	25	36	35.25	cps
Potassium	39-2	8011	8036	8128	8058	0.76	cps
Rhodium	103-1	11250516	11045256	11021086	11105619	1.14	cps
Rhodium	103-2	2679303	2713720	2703949	2698991	0.66	cps
Scandium	45-1	6761144	6592113	6564003	6639087	1.61	cps
Scandium	45-2	37320	38132	38072	37841	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-39	47	-77	-23	-276.67	cps
Silicon	28-1	3688803	3685527	3703710	3692680	0.26	cps
Silver	109-1	233	3109	325	1223	133.71	cps
Silver	107-1	392	300	400	364	15.25	cps
Sodium	23-2	528136	526732	528441	527770	0.17	cps
Strontium	86-1	49834	49156	49649	49546	0.71	cps
Strontium	88-1	429730	419694	423254	424226	1.20	cps
Sulfur	34-1	398971	400242	399223	399479	0.17	cps
Terbium	159-1	16181348	15918662	15973478	16024496	0.86	cps
Terbium	159-2	2792480	2861898	2830874	2828417	1.23	cps
Thallium	203-1	700	583	667	650	9.25	cps
Thallium	205-1	1734	1717	1642	1697	2.88	cps
Tin	118-1	207946	210551	204343	207613	1.50	cps
Titanium	47-1	317	283	292	297	5.84	cps
Uranium	238-1	242	133	283	219	35.28	cps
Vanadium	51-2	17	33	10	20	60.08	cps
Yttrium	89-1	12326809	12053130	12183385	12187775	1.12	cps
Yttrium	89-2	280647	285480	283180	283102	0.85	cps
Zinc	66-2	120589	119152	118766	119502	0.80	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-11	Instrumnet Name :	P8
Client Sample ID :	44-FL1-CR117-133B-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:37:47	DataFile Name :	055SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14558	12823	10371	12584	16.72	cps
Zirconium	91-1	3034	2859	2167	2687	17.06	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	67	50	44.10	cps
Antimony	121-1	5343	5493	5551	5462	1.97	cps
Arsenic	75-2	30	20	15	22	34.65	cps
Barium	135-1	32733	32449	33001	32728	0.84	cps
Barium	137-1	57534	57627	56245	57135	1.35	cps
Beryllium	9-1	156	161	156	157	2.04	cps
Bismuth	209-1	10781164	10456221	10123764	10453717	3.14	cps
Bismuth	209-2	2310222	2476727	2459753	2415567	3.79	cps
Boron	10-1	8569	8903	8820	8764	1.98	cps
Boron	11-1	39873	42907	42155	41645	3.79	cps
Cadmium	111-1	1998	2022	2015	2012	0.61	cps
Cadmium	106-1	2809	2867	2850	2842	1.06	cps
Cadmium	108-1	50	63	67	60	14.53	cps
Calcium	43-1	109669	110776	110936	110460	0.62	cps
Calcium	44-1	1873175	1884347	1857097	1871539	0.73	cps
Chromium	52-2	430	397	423	417	4.23	cps
Cobalt	59-2	73	113	90	92	21.79	cps
Copper	63-2	4933825	4837077	4842901	4871268	1.11	cps
Dysprosium	156-1	50	50	8	36	66.62	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	108	108	125	114	8.45	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	16045615	15603885	15253873	15634458	2.54	cps
Holmium	165-2	2805282	2916783	2937912	2886659	2.47	cps
Indium	115-1	12261846	11866836	11692208	11940296	2.44	cps
Indium	115-2	368670	387630	390289	382196	3.08	cps
Iron	56-2	8595	7241	6807	7548	12.35	cps
Iron	57-2	133	183	183	167	17.32	cps
Krypton	83-1	360	377	410	382	6.66	cps
Lead	206-1	66122	65402	65313	65612	0.68	cps
Lead	207-1	56057	57297	55945	56433	1.33	cps
Lead	208-1	261176	261427	258403	260335	0.64	cps
Lithium	6-1	2492969	2452078	2433083	2459377	1.24	cps
Magnesium	24-2	27378	26609	26392	26793	1.93	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1197	1250	1343	1263	5.88	cps
Molybdenum	94-1	3084	2675	2550	2770	10.07	cps
Molybdenum	95-1	817	800	900	839	6.39	cps
Molybdenum	96-1	1283	1200	1225	1236	3.46	cps
Molybdenum	97-1	533	508	542	528	3.29	cps
Molybdenum	98-1	1283	1267	1325	1292	2.33	cps
Neodymium	150-1	33	27	27	29	13.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	232189	229611	229011	230270	0.73	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	8928	8795	8761	8828	1.00	cps
Rhodium	103-1	11340793	11173756	10787610	11100720	2.56	cps
Rhodium	103-2	2531599	2615189	2646557	2597782	2.29	cps
Scandium	45-1	6862544	6730448	6552192	6715061	2.32	cps
Scandium	45-2	34703	37166	37326	36398	4.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	20	12	-37	-2	-1980.27	cps
Silicon	28-1	3890319	3865592	3910462	3888791	0.58	cps
Silver	109-1	192	258	242	231	15.05	cps
Silver	107-1	283	333	275	297	10.61	cps
Sodium	23-2	525681	514583	518020	519428	1.09	cps
Strontium	86-1	48011	48203	48387	48200	0.39	cps
Strontium	88-1	418012	421533	415405	418317	0.74	cps
Sulfur	34-1	397748	398442	397187	397792	0.16	cps
Terbium	159-1	16382020	16103395	15789046	16091487	1.84	cps
Terbium	159-2	2669036	2773901	2792367	2745101	2.42	cps
Thallium	203-1	600	442	592	544	16.37	cps
Thallium	205-1	1142	1350	1317	1270	8.82	cps
Tin	118-1	339048	341756	341115	340639	0.42	cps
Titanium	47-1	242	300	684	408	58.79	cps
Uranium	238-1	108	117	183	136	30.20	cps
Vanadium	51-2	10	13	23	16	44.60	cps
Yttrium	89-1	12461166	12158144	11892101	12170471	2.34	cps
Yttrium	89-2	265481	278173	279349	274334	2.80	cps
Zinc	66-2	134063	131052	129612	131576	1.73	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-12	Instrumnet Name :	P8
Client Sample ID :	45-FL1-CR117-133C-W2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:41:04	DataFile Name :	056SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7152	5626	5618	6132	14.40	cps
Zirconium	91-1	1534	1367	1092	1331	16.76	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	25	58	49.49	cps
Antimony	121-1	1242	1258	1092	1197	7.67	cps
Arsenic	75-2	17	19	24	20	19.50	cps
Barium	135-1	29141	30211	29116	29489	2.12	cps
Barium	137-1	49912	52020	51116	51016	2.07	cps
Beryllium	9-1	122	150	150	141	11.39	cps
Bismuth	209-1	11131971	9750419	10190182	10357524	6.81	cps
Bismuth	209-2	2492430	2509831	2522119	2508127	0.59	cps
Boron	10-1	1734	1809	1650	1731	4.58	cps
Boron	11-1	7861	7419	7861	7714	3.31	cps
Cadmium	111-1	1947	1850	1685	1827	7.26	cps
Cadmium	106-1	2725	2625	2384	2578	6.81	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	107939	107122	107879	107647	0.42	cps
Calcium	44-1	1802634	1805083	1795921	1801213	0.26	cps
Chromium	52-2	883	1003	890	926	7.29	cps
Cobalt	59-2	103	50	137	97	45.22	cps
Copper	63-2	355157	358072	356100	356443	0.42	cps
Dysprosium	156-1	75	92	67	78	16.37	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	150	142	100	131	20.52	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	150	192	192	178	13.53	cps
Gadolinium	160-2	20	20	43	28	48.49	cps
Holmium	165-1	16104130	15122851	15212164	15479715	3.51	cps
Holmium	165-2	2995933	2968604	2958183	2974240	0.66	cps
Indium	115-1	12249404	11442308	11647112	11779608	3.56	cps
Indium	115-2	389899	388972	391771	390214	0.37	cps
Iron	56-2	17014	14514	14642	15390	9.15	cps
Iron	57-2	411	311	367	363	13.80	cps
Krypton	83-1	323	333	287	314	7.81	cps
Lead	206-1	1456	1517	1817	1596	12.11	cps
Lead	207-1	1411	1228	1417	1352	7.95	cps
Lead	208-1	6134	6195	6629	6319	4.27	cps
Lithium	6-1	2518735	2357497	2396904	2424379	3.47	cps
Magnesium	24-2	25482	25482	25649	25538	0.38	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2527	2317	2344	2396	4.77	cps
Molybdenum	94-1	1875	1642	1442	1653	13.12	cps
Molybdenum	95-1	625	500	508	544	12.84	cps
Molybdenum	96-1	967	900	858	908	6.02	cps
Molybdenum	97-1	367	500	425	431	15.52	cps
Molybdenum	98-1	775	1108	983	956	17.62	cps
Neodymium	150-1	100	40	47	62	52.85	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	863	900	977	913	6.33	cps
Phosphorus	31-2	217	183	142	181	20.81	cps
Potassium	39-2	7427	7085	6802	7105	4.41	cps
Rhodium	103-1	11491720	10721837	10831042	11014866	3.78	cps
Rhodium	103-2	2651782	2668909	2656077	2658922	0.34	cps
Scandium	45-1	7054573	6268457	6512375	6611802	6.09	cps
Scandium	45-2	36895	37410	37333	37213	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	58	40	107	68	51.19	cps
Silicon	28-1	3341655	3372066	3352832	3355518	0.46	cps
Silver	109-1	200	92	133	142	38.57	cps
Silver	107-1	258	242	183	228	17.29	cps
Sodium	23-2	518001	516489	511116	515202	0.70	cps
Strontium	86-1	45335	45142	46062	45513	1.07	cps
Strontium	88-1	389160	388210	380667	386012	1.21	cps
Sulfur	34-1	399548	400795	397160	399168	0.46	cps
Terbium	159-1	16527866	15377541	15646498	15850635	3.80	cps
Terbium	159-2	2850758	2773586	2817281	2813875	1.38	cps
Thallium	203-1	408	458	317	394	18.21	cps
Thallium	205-1	1008	867	925	933	7.63	cps
Tin	118-1	9112	9129	8612	8951	3.28	cps
Titanium	47-1	442	517	650	536	19.68	cps
Uranium	238-1	417	467	400	428	8.11	cps
Vanadium	51-2	43	67	23	44	48.81	cps
Yttrium	89-1	12560028	11560864	11905706	12008866	4.23	cps
Yttrium	89-2	280700	277768	279138	279202	0.53	cps
Zinc	66-2	6812	6712	6585	6703	1.70	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-14	Instrumnet Name :	P8
Client Sample ID :	47-FL1-CR118-W4-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:44:22	DataFile Name :	057SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3901	3326	3442	3556	8.55	cps
Zirconium	91-1	1058	833	808	900	15.30	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	117	58	97	34.64	cps
Antimony	121-1	3534	3584	3609	3576	1.07	cps
Arsenic	75-2	26	13	19	19	34.00	cps
Barium	135-1	30519	30603	30536	30553	0.15	cps
Barium	137-1	53208	52689	53367	53088	0.67	cps
Beryllium	9-1	117	117	133	122	7.87	cps
Bismuth	209-1	10631528	10003089	9971837	10202151	3.65	cps
Bismuth	209-2	2608575	2514442	2474348	2532455	2.72	cps
Boron	10-1	7235	7444	7110	7263	2.32	cps
Boron	11-1	32922	34083	33331	33445	1.76	cps
Cadmium	111-1	2010	1822	1726	1853	7.78	cps
Cadmium	106-1	2809	2584	2434	2609	7.24	cps
Cadmium	108-1	21	46	21	29	49.49	cps
Calcium	43-1	107005	105839	106703	106516	0.57	cps
Calcium	44-1	1819049	1831272	1820063	1823461	0.37	cps
Chromium	52-2	427	437	453	439	3.07	cps
Cobalt	59-2	113	120	130	121	6.92	cps
Copper	63-2	982049	979598	980053	980567	0.13	cps
Dysprosium	156-1	8	100	42	50	92.80	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	117	142	125	128	9.96	cps
Gadolinium	160-2	23	27	7	19	56.72	cps
Holmium	165-1	15731315	15152194	15354853	15412787	1.91	cps
Holmium	165-2	3038694	2930694	2961042	2976810	1.87	cps
Indium	115-1	11998266	11624931	11680373	11767857	1.71	cps
Indium	115-2	399452	389386	384793	391210	1.92	cps
Iron	56-2	11511	11373	11299	11395	0.94	cps
Iron	57-2	300	372	317	330	11.47	cps
Krypton	83-1	370	317	293	327	12.03	cps
Lead	206-1	47261	46017	46737	46671	1.34	cps
Lead	207-1	40208	38893	39763	39621	1.69	cps
Lead	208-1	184207	181929	184626	183588	0.79	cps
Lithium	6-1	2455200	2383076	2433163	2423813	1.52	cps
Magnesium	24-2	27010	25273	25349	25877	3.79	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1803	1950	1817	1857	4.37	cps
Molybdenum	94-1	1592	1542	1475	1536	3.81	cps
Molybdenum	95-1	425	425	425	425	0.00	cps
Molybdenum	96-1	742	808	642	731	11.48	cps
Molybdenum	97-1	342	408	358	369	9.39	cps
Molybdenum	98-1	825	808	783	806	2.60	cps
Neodymium	150-1	47	40	13	33	52.92	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	15566	15188	15178	15311	1.44	cps
Phosphorus	31-2	50	58	133	81	56.97	cps
Potassium	39-2	8778	8595	8628	8667	1.13	cps
Rhodium	103-1	11122393	10876562	10828244	10942400	1.44	cps
Rhodium	103-2	2720606	2663411	2633420	2672479	1.66	cps
Scandium	45-1	6726925	6394608	6456685	6526073	2.71	cps
Scandium	45-2	38520	36929	36103	37184	3.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-39	18	26	2	2068.36	cps
Silicon	28-1	3479734	3447902	3456578	3461405	0.48	cps
Silver	109-1	275	225	200	233	16.37	cps
Silver	107-1	292	192	283	256	21.71	cps
Sodium	23-2	513824	516546	508124	512831	0.84	cps
Strontium	86-1	46120	46664	46757	46514	0.74	cps
Strontium	88-1	402038	403078	397455	400857	0.75	cps
Sulfur	34-1	403040	399205	393258	398501	1.24	cps
Terbium	159-1	15949747	15507314	15473580	15643547	1.70	cps
Terbium	159-2	2863204	2798263	2765135	2808867	1.78	cps
Thallium	203-1	392	233	392	339	26.97	cps
Thallium	205-1	1133	1158	825	1039	17.87	cps
Tin	118-1	365333	371458	373010	369934	1.10	cps
Titanium	47-1	375	994	550	640	49.89	cps
Uranium	238-1	125	117	192	144	28.46	cps
Vanadium	51-2	27	43	30	33	26.45	cps
Yttrium	89-1	12090190	11810114	11783675	11894660	1.43	cps
Yttrium	89-2	284686	276624	275944	279085	1.74	cps
Zinc	66-2	54925	55641	54691	55086	0.90	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-15	Instrumnet Name :	P8
Client Sample ID :	48-FL1-CR118-118A-W2-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:47:41	DataFile Name :	058SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3484	3251	3867	3534	8.81	cps
Zirconium	91-1	625	650	883	719	19.80	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	100	78	26.96	cps
Antimony	121-1	2484	2517	2500	2500	0.67	cps
Arsenic	75-2	11	22	24	19	36.64	cps
Barium	135-1	30745	30127	28782	29885	3.36	cps
Barium	137-1	50974	52606	50028	51203	2.55	cps
Beryllium	9-1	133	111	133	126	10.19	cps
Bismuth	209-1	10254702	10285942	10244753	10261799	0.21	cps
Bismuth	209-2	2568602	2219736	2497730	2428690	7.59	cps
Boron	10-1	3259	3192	3167	3206	1.48	cps
Boron	11-1	14375	14324	14717	14472	1.48	cps
Cadmium	111-1	1910	1954	1889	1918	1.72	cps
Cadmium	106-1	2659	2759	2659	2692	2.14	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Calcium	43-1	105068	104957	106712	105579	0.93	cps
Calcium	44-1	1800989	1760291	1778177	1779819	1.15	cps
Chromium	52-2	440	373	447	420	9.65	cps
Cobalt	59-2	107	73	137	106	30.02	cps
Copper	63-2	712622	715193	708305	712040	0.49	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	33	117	83	78	53.92	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	142	100	125	122	17.16	cps
Gadolinium	160-2	23	17	27	22	22.91	cps
Holmium	165-1	15589339	15503267	15322722	15471776	0.88	cps
Holmium	165-2	2982732	2619996	2892074	2831600	6.67	cps
Indium	115-1	11757096	11812683	11742994	11770924	0.31	cps
Indium	115-2	392669	349907	386202	376259	6.13	cps
Iron	56-2	13501	12473	12975	12983	3.96	cps
Iron	57-2	300	378	422	367	16.87	cps
Krypton	83-1	357	390	337	361	7.46	cps
Lead	206-1	13813	14520	14375	14236	2.62	cps
Lead	207-1	12601	11645	12112	12119	3.95	cps
Lead	208-1	56089	55733	56785	56202	0.95	cps
Lithium	6-1	2409536	2439112	2402726	2417125	0.80	cps
Magnesium	24-2	25382	25298	24989	25223	0.82	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1957	2034	2107	2032	3.69	cps
Molybdenum	94-1	933	1142	1283	1120	15.73	cps
Molybdenum	95-1	350	333	317	333	5.00	cps
Molybdenum	96-1	800	692	600	697	14.36	cps
Molybdenum	97-1	217	283	300	267	16.54	cps
Molybdenum	98-1	608	700	508	606	15.83	cps
Neodymium	150-1	67	33	47	49	34.32	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	71988	73664	72434	72695	1.19	cps
Phosphorus	31-2	142	117	142	133	10.83	cps
Potassium	39-2	7110	7236	6969	7105	1.88	cps
Rhodium	103-1	10899774	11029577	10934673	10954675	0.61	cps
Rhodium	103-2	2685937	2382497	2606293	2558242	6.15	cps
Scandium	45-1	6593840	6490523	6481974	6522112	0.95	cps
Scandium	45-2	38172	32692	36875	35913	7.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	1	-63	0	-20	-180.49	cps
Silicon	28-1	3478278	3469261	3443831	3463790	0.52	cps
Silver	109-1	175	133	142	150	14.70	cps
Silver	107-1	175	283	200	219	25.85	cps
Sodium	23-2	506278	511734	505753	507922	0.65	cps
Strontium	86-1	45610	45477	43905	44997	2.11	cps
Strontium	88-1	391282	393670	389962	391638	0.48	cps
Sulfur	34-1	400684	394998	396422	397368	0.74	cps
Terbium	159-1	15798794	15754015	15837513	15796774	0.26	cps
Terbium	159-2	2848114	2496294	2740244	2694884	6.69	cps
Thallium	203-1	458	325	308	364	22.59	cps
Thallium	205-1	908	917	925	917	0.91	cps
Tin	118-1	35565	35473	36418	35819	1.46	cps
Titanium	47-1	425	567	292	428	32.15	cps
Uranium	238-1	208	208	200	206	2.34	cps
Vanadium	51-2	23	60	30	38	51.71	cps
Yttrium	89-1	11845965	12034001	11950522	11943496	0.79	cps
Yttrium	89-2	279757	250804	274344	268302	5.74	cps
Zinc	66-2	45488	45344	44688	45173	0.94	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-16	Instrumnet Name :	P8
Client Sample ID :	49-FL1-CR118-118B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:51:01	DataFile Name :	059SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3134	2993	2725	2951	7.03	cps
Zirconium	91-1	683	567	525	592	13.87	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	92	133	125	24.04	cps
Antimony	121-1	1450	1375	1267	1364	6.76	cps
Arsenic	75-2	11	19	11	14	31.50	cps
Barium	135-1	30511	29175	30102	29929	2.29	cps
Barium	137-1	53192	51092	51886	52056	2.04	cps
Beryllium	9-1	139	128	133	133	4.17	cps
Bismuth	209-1	10233435	10294283	9724028	10083915	3.11	cps
Bismuth	209-2	2469017	2436104	2548604	2484575	2.33	cps
Boron	10-1	1325	1600	1533	1486	9.65	cps
Boron	11-1	6368	6902	6894	6721	4.55	cps
Cadmium	111-1	1998	1982	1787	1922	6.10	cps
Cadmium	106-1	2834	2784	2525	2714	6.10	cps
Cadmium	108-1	33	42	38	38	11.12	cps
Calcium	43-1	112708	110734	110221	111221	1.18	cps
Calcium	44-1	1897682	1873966	1859347	1876998	1.03	cps
Chromium	52-2	400	487	407	431	11.19	cps
Cobalt	59-2	270	373	310	318	16.40	cps
Copper	63-2	1115154	1115342	1103667	1111388	0.60	cps
Dysprosium	156-1	25	33	33	31	15.76	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	83	50	67	67	25.00	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	100	125	133	119	14.52	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	15361301	15299433	14906063	15188933	1.63	cps
Holmium	165-2	2927170	2941755	2966259	2945062	0.67	cps
Indium	115-1	11776980	11671095	11369209	11605762	1.82	cps
Indium	115-2	383554	382204	388360	384706	0.84	cps
Iron	56-2	10405	9793	10555	10251	3.94	cps
Iron	57-2	261	278	300	280	6.98	cps
Krypton	83-1	270	287	320	292	8.71	cps
Lead	206-1	3056	3256	2784	3032	7.82	cps
Lead	207-1	2706	2773	2745	2741	1.22	cps
Lead	208-1	12308	12764	12069	12381	2.85	cps
Lithium	6-1	2426486	2409102	2369989	2401859	1.20	cps
Magnesium	24-2	25716	25874	25691	25760	0.39	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1417	1393	1463	1425	2.50	cps
Molybdenum	94-1	1117	742	983	947	20.07	cps
Molybdenum	95-1	333	342	292	322	8.31	cps
Molybdenum	96-1	533	733	658	642	15.75	cps
Molybdenum	97-1	242	292	217	250	15.27	cps
Molybdenum	98-1	533	708	617	619	14.13	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	129179	129230	128381	128930	0.37	cps
Phosphorus	31-2	125	58	108	97	35.68	cps
Potassium	39-2	6894	6610	6977	6827	2.82	cps
Rhodium	103-1	10909190	10965224	10599610	10824675	1.82	cps
Rhodium	103-2	2646721	2608817	2647268	2634269	0.84	cps
Scandium	45-1	6503280	6505840	6326507	6445209	1.60	cps
Scandium	45-2	36491	35709	37410	36536	2.33	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	73	32	21	42	65.94	cps
Silicon	28-1	3462418	3430728	3478413	3457186	0.70	cps
Silver	109-1	175	133	133	147	16.34	cps
Silver	107-1	250	217	192	219	13.34	cps
Sodium	23-2	510328	506080	508736	508381	0.42	cps
Strontium	86-1	47141	47625	46078	46948	1.69	cps
Strontium	88-1	400821	399070	401754	400549	0.34	cps
Sulfur	34-1	399667	399782	400171	399873	0.07	cps
Terbium	159-1	15707394	15809949	15126000	15547781	2.37	cps
Terbium	159-2	2773350	2779775	2811328	2788151	0.73	cps
Thallium	203-1	442	358	358	386	12.46	cps
Thallium	205-1	900	800	858	853	5.89	cps
Tin	118-1	187035	187250	189035	187773	0.58	cps
Titanium	47-1	300	408	375	361	15.37	cps
Uranium	238-1	108	117	183	136	30.20	cps
Vanadium	51-2	37	27	30	31	16.37	cps
Yttrium	89-1	11872262	11940257	11550731	11787750	1.77	cps
Yttrium	89-2	275057	275113	275342	275170	0.05	cps
Zinc	66-2	67982	68331	67389	67901	0.70	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-17	Instrumnet Name :	P8
Client Sample ID :	50-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:54:20	DataFile Name :	060SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2284	2209	2067	2186	5.03	cps
Zirconium	91-1	475	392	492	453	11.83	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	25	31	56.77	cps
Antimony	121-1	1392	1250	1425	1356	6.86	cps
Arsenic	75-2	13	15	9	12	22.89	cps
Barium	135-1	29150	28849	29041	29013	0.52	cps
Barium	137-1	52589	52840	51727	52385	1.11	cps
Beryllium	9-1	100	150	133	128	19.93	cps
Bismuth	209-1	9880684	10156325	9913593	9983534	1.51	cps
Bismuth	209-2	2510699	2465205	2434232	2470045	1.56	cps
Boron	10-1	1300	1200	1133	1211	6.93	cps
Boron	11-1	5543	5660	5418	5540	2.18	cps
Cadmium	111-1	1732	1928	1779	1813	5.63	cps
Cadmium	106-1	2459	2725	2550	2578	5.26	cps
Cadmium	108-1	38	25	50	38	33.33	cps
Calcium	43-1	105763	104839	107023	105875	1.04	cps
Calcium	44-1	1780249	1767985	1787380	1778538	0.55	cps
Chromium	52-2	453	380	487	440	12.40	cps
Cobalt	59-2	137	123	113	124	9.41	cps
Copper	63-2	1036854	1027534	1031963	1032117	0.45	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	58	100	100	86	27.93	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	142	108	83	111	26.34	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	14981327	15252371	14914477	15049392	1.19	cps
Holmium	165-2	2941103	2921096	2865992	2909397	1.34	cps
Indium	115-1	11214233	11600645	11425306	11413395	1.70	cps
Indium	115-2	388854	387050	379003	384969	1.36	cps
Iron	56-2	10238	9982	9987	10069	1.46	cps
Iron	57-2	311	250	306	289	11.70	cps
Krypton	83-1	350	353	303	336	8.33	cps
Lead	206-1	2361	2489	2489	2447	3.02	cps
Lead	207-1	2128	1939	2217	2095	6.77	cps
Lead	208-1	9819	9402	9724	9648	2.26	cps
Lithium	6-1	2353721	2380917	2336884	2357174	0.94	cps
Magnesium	24-2	25023	25173	25649	25282	1.29	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1700	1727	1587	1671	4.45	cps
Molybdenum	94-1	1158	1033	950	1047	10.01	cps
Molybdenum	95-1	417	375	275	356	20.48	cps
Molybdenum	96-1	658	433	575	556	20.48	cps
Molybdenum	97-1	225	250	258	244	7.10	cps
Molybdenum	98-1	567	467	550	528	10.15	cps
Neodymium	150-1	47	33	13	31	53.94	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	67419	67623	66136	67059	1.20	cps
Phosphorus	31-2	42	100	100	81	41.81	cps
Potassium	39-2	6927	6710	6802	6813	1.60	cps
Rhodium	103-1	10499337	10885182	10577593	10654037	1.91	cps
Rhodium	103-2	2635497	2633409	2573012	2613973	1.36	cps
Scandium	45-1	6210337	6456789	6253860	6306995	2.09	cps
Scandium	45-2	36447	36304	35929	36227	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	9	-9	36	12	186.14	cps
Silicon	28-1	3491913	3432888	3446843	3457215	0.89	cps
Silver	109-1	208	158	217	194	16.23	cps
Silver	107-1	208	200	167	192	11.50	cps
Sodium	23-2	502432	503110	504633	503392	0.22	cps
Strontium	86-1	46547	45084	46321	45984	1.71	cps
Strontium	88-1	395456	389470	390679	391868	0.81	cps
Sulfur	34-1	399880	399759	399674	399771	0.03	cps
Terbium	159-1	15113291	15526986	15174925	15271734	1.46	cps
Terbium	159-2	2752284	2752926	2732716	2745975	0.42	cps
Thallium	203-1	283	392	383	353	17.09	cps
Thallium	205-1	758	842	883	828	7.69	cps
Tin	118-1	65722	66484	65385	65864	0.85	cps
Titanium	47-1	333	350	400	361	9.61	cps
Uranium	238-1	150	133	150	144	6.66	cps
Vanadium	51-2	20	17	30	22	31.22	cps
Yttrium	89-1	11551756	11728391	11460104	11580084	1.18	cps
Yttrium	89-2	273627	275106	273919	274218	0.29	cps
Zinc	66-2	70545	69580	70974	70366	1.01	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-18	Instrumnet Name :	P8
Client Sample ID :	51-FL1-CR119-W2-CS1-I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 17:57:39	DataFile Name :	061SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2409	2034	2075	2173	9.46	cps
Zirconium	91-1	450	492	458	467	4.72	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	467	542	528	10.51	cps
Antimony	121-1	1634	1509	1517	1553	4.50	cps
Arsenic	75-2	9	7	20	12	56.77	cps
Barium	135-1	28957	27371	27221	27850	3.46	cps
Barium	137-1	50548	47846	47912	48769	3.16	cps
Beryllium	9-1	56	72	106	78	32.73	cps
Bismuth	209-1	9386351	10283746	10083163	9917753	4.75	cps
Bismuth	209-2	2520219	2517404	2456848	2498157	1.43	cps
Boron	10-1	1892	1817	2084	1931	7.12	cps
Boron	11-1	8870	8711	8928	8836	1.27	cps
Cadmium	111-1	1670	1804	1863	1779	5.56	cps
Cadmium	106-1	2359	2584	2659	2534	6.16	cps
Cadmium	108-1	63	96	75	78	21.65	cps
Calcium	43-1	107527	103942	105059	105509	1.74	cps
Calcium	44-1	1841230	1791540	1794257	1809009	1.54	cps
Chromium	52-2	400	433	510	448	12.60	cps
Cobalt	59-2	750	753	780	761	2.16	cps
Copper	63-2	900228	896862	902241	899777	0.30	cps
Dysprosium	156-1	42	58	8	36	70.51	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	117	92	100	14.43	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	14387749	15404117	15364080	15051982	3.82	cps
Holmium	165-2	2957153	2972711	2922503	2950789	0.87	cps
Indium	115-1	10796145	11706470	11684653	11395756	4.56	cps
Indium	115-2	390539	389109	380928	386859	1.34	cps
Iron	56-2	8959	8975	8736	8890	1.50	cps
Iron	57-2	228	278	233	246	11.13	cps
Krypton	83-1	363	357	317	346	7.30	cps
Lead	206-1	4601	4862	4712	4725	2.77	cps
Lead	207-1	3890	4106	3651	3882	5.87	cps
Lead	208-1	18039	18606	17416	18020	3.30	cps
Lithium	6-1	2249822	2405533	2397432	2350929	3.73	cps
Magnesium	24-2	25532	25582	24547	25220	2.31	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1297	1390	1307	1331	3.85	cps
Molybdenum	94-1	875	1258	925	1020	20.44	cps
Molybdenum	95-1	467	583	642	564	15.80	cps
Molybdenum	96-1	850	725	850	808	8.93	cps
Molybdenum	97-1	358	300	317	325	9.24	cps
Molybdenum	98-1	792	825	683	767	9.66	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4901	5244	5131	5092	3.44	cps
Phosphorus	31-2	25	58	42	42	40.00	cps
Potassium	39-2	6385	7052	6644	6694	5.02	cps
Rhodium	103-1	10076452	10904993	10821798	10601081	4.30	cps
Rhodium	103-2	2661575	2690527	2604238	2652113	1.66	cps
Scandium	45-1	6049811	6573177	6464817	6362601	4.34	cps
Scandium	45-2	37032	36588	36287	36636	1.02	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-32	16	80	21	266.30	cps
Silicon	28-1	3438424	3385481	3384835	3402913	0.90	cps
Silver	109-1	200	100	75	125	52.92	cps
Silver	107-1	208	267	242	239	12.25	cps
Sodium	23-2	511923	511556	511768	511749	0.04	cps
Strontium	86-1	46614	44908	44950	45491	2.14	cps
Strontium	88-1	398990	396170	391360	395507	0.98	cps
Sulfur	34-1	397275	394736	397523	396511	0.39	cps
Terbium	159-1	14600305	15884704	15681406	15388805	4.49	cps
Terbium	159-2	2788248	2785525	2758417	2777397	0.59	cps
Thallium	203-1	367	492	358	406	18.42	cps
Thallium	205-1	1033	900	858	931	9.82	cps
Tin	118-1	391235	381243	429714	400731	6.39	cps
Titanium	47-1	150	208	233	197	21.68	cps
Uranium	238-1	117	100	83	100	16.66	cps
Vanadium	51-2	37	30	43	37	18.18	cps
Yttrium	89-1	11080212	11918388	11797717	11598772	3.91	cps
Yttrium	89-2	277996	278170	271971	276046	1.28	cps
Zinc	66-2	273729	269236	270799	271255	0.84	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-19	Instrumnet Name :	P8
Client Sample ID :	52-FL1-CR119-W2-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:00:58	DataFile Name :	062SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2000	1992	1842	1945	4.58	cps
Zirconium	91-1	467	450	417	444	5.73	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	92	42	61	43.84	cps
Antimony	121-1	6469	6177	6519	6388	2.89	cps
Arsenic	75-2	9	11	11	10	10.18	cps
Barium	135-1	29426	29977	29993	29799	1.08	cps
Barium	137-1	52614	51986	50790	51797	1.79	cps
Beryllium	9-1	78	94	83	85	9.96	cps
Bismuth	209-1	10352779	9955826	9236139	9848248	5.75	cps
Bismuth	209-2	2479878	2505500	2438270	2474549	1.37	cps
Boron	10-1	2050	2117	1842	2003	7.16	cps
Boron	11-1	8878	8461	9428	8923	5.44	cps
Cadmium	111-1	1936	1973	1861	1923	2.97	cps
Cadmium	106-1	2867	2959	2792	2873	2.91	cps
Cadmium	108-1	179	188	217	194	10.13	cps
Calcium	43-1	105292	103530	104276	104366	0.85	cps
Calcium	44-1	1757119	1767815	1750865	1758600	0.49	cps
Chromium	52-2	373	403	447	408	9.04	cps
Cobalt	59-2	100	120	80	100	20.00	cps
Copper	63-2	2237858	2229673	2220920	2229484	0.38	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	17	0	6	173.21	cps
Erbium	164-1	75	100	108	94	18.37	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	117	142	133	131	9.75	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	15268962	15138539	14160864	14856122	4.08	cps
Holmium	165-2	2893263	2937980	2890209	2907151	0.92	cps
Indium	115-1	11639311	11407454	10660653	11235806	4.55	cps
Indium	115-2	381057	383618	378394	381023	0.69	cps
Iron	56-2	8536	7981	8611	8376	4.11	cps
Iron	57-2	189	217	194	200	7.35	cps
Krypton	83-1	337	350	373	353	5.25	cps
Lead	206-1	31852	32319	31328	31833	1.56	cps
Lead	207-1	27703	27230	27230	27388	1.00	cps
Lead	208-1	126470	127648	125098	126405	1.01	cps
Lithium	6-1	2428632	2357998	2206679	2331103	4.86	cps
Magnesium	24-2	25791	25991	26175	25986	0.74	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1493	1443	1437	1458	2.12	cps
Molybdenum	94-1	992	1075	758	942	17.43	cps
Molybdenum	95-1	358	292	383	344	13.76	cps
Molybdenum	96-1	500	600	550	550	9.09	cps
Molybdenum	97-1	258	325	175	253	29.73	cps
Molybdenum	98-1	392	592	617	533	23.12	cps
Neodymium	150-1	53	67	20	47	51.51	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	63581	62423	63306	63103	0.96	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	6760	6769	6418	6649	3.01	cps
Rhodium	103-1	10991988	10696946	9893402	10527445	5.40	cps
Rhodium	103-2	2617550	2606642	2570443	2598212	0.95	cps
Scandium	45-1	6601980	6350642	5804877	6252500	6.52	cps
Scandium	45-2	36070	36230	35144	35815	1.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	4	-23	-1	-6	-224.18	cps
Silicon	28-1	3676752	3555492	3643151	3625132	1.73	cps
Silver	109-1	225	233	392	283	33.15	cps
Silver	107-1	308	292	458	353	26.02	cps
Sodium	23-2	498034	500944	492570	497183	0.86	cps
Strontium	86-1	45494	45987	44933	45471	1.16	cps
Strontium	88-1	392578	386693	389494	389588	0.76	cps
Sulfur	34-1	396865	398107	398968	397980	0.27	cps
Terbium	159-1	15850266	15452320	14266138	15189575	5.43	cps
Terbium	159-2	2741594	2756740	2704224	2734186	0.99	cps
Thallium	203-1	508	467	600	525	12.99	cps
Thallium	205-1	925	1058	1067	1017	7.82	cps
Tin	118-1	278857	280528	281787	280391	0.52	cps
Titanium	47-1	117	233	208	186	33.01	cps
Uranium	238-1	108	108	108	108	0.00	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Yttrium	89-1	11881481	11659837	10885484	11475601	4.56	cps
Yttrium	89-2	270980	276194	269930	272368	1.23	cps
Zinc	66-2	614768	613639	611793	613400	0.24	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-20	Instrumnet Name :	P8
Client Sample ID :	53-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:04:17	DataFile Name :	063SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2259	2025	2059	2114	5.97	cps
Zirconium	91-1	458	350	442	417	14.00	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	158	117	125	24.04	cps
Antimony	121-1	1208	1334	1008	1183	13.86	cps
Arsenic	75-2	19	24	19	20	15.73	cps
Barium	135-1	27646	28131	27905	27894	0.87	cps
Barium	137-1	49067	49017	49352	49145	0.37	cps
Beryllium	9-1	56	111	94	87	32.75	cps
Bismuth	209-1	9753504	9811303	9947029	9837279	1.01	cps
Bismuth	209-2	2499114	2469827	2491728	2486890	0.61	cps
Boron	10-1	1042	1225	1283	1183	10.66	cps
Boron	11-1	5685	5260	5835	5593	5.34	cps
Cadmium	111-1	1786	1724	1904	1805	5.05	cps
Cadmium	106-1	2500	2442	2700	2548	5.32	cps
Cadmium	108-1	38	8	46	31	64.45	cps
Calcium	43-1	103487	101901	102967	102785	0.79	cps
Calcium	44-1	1723289	1726530	1729050	1726290	0.17	cps
Chromium	52-2	1447	1537	1433	1472	3.82	cps
Cobalt	59-2	237	187	163	196	19.16	cps
Copper	63-2	752057	752003	751522	751861	0.04	cps
Dysprosium	156-1	108	50	42	67	54.49	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	33	33	100	56	69.29	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	125	133	58	106	38.94	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	14808822	15023396	14950596	14927605	0.73	cps
Holmium	165-2	2922812	2908935	2910182	2913976	0.26	cps
Indium	115-1	11324832	11343740	11246676	11305082	0.46	cps
Indium	115-2	383052	375979	379468	379500	0.93	cps
Iron	56-2	12768	12914	12311	12665	2.48	cps
Iron	57-2	383	367	344	365	5.35	cps
Krypton	83-1	340	373	377	363	5.58	cps
Lead	206-1	4718	4690	4723	4710	0.38	cps
Lead	207-1	3851	4101	4245	4066	4.91	cps
Lead	208-1	18545	18795	18789	18710	0.76	cps
Lithium	6-1	2383430	2358286	2376385	2372700	0.55	cps
Magnesium	24-2	24088	24030	23888	24002	0.43	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2054	1974	2037	2021	2.09	cps
Molybdenum	94-1	892	892	892	892	0.00	cps
Molybdenum	95-1	342	325	267	311	12.66	cps
Molybdenum	96-1	633	358	600	531	28.29	cps
Molybdenum	97-1	133	192	192	172	19.56	cps
Molybdenum	98-1	533	467	433	478	10.66	cps
Neodymium	150-1	40	60	33	44	31.23	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4034	3751	3827	3871	3.79	cps
Phosphorus	31-2	100	125	117	114	11.18	cps
Potassium	39-2	6177	6810	6752	6580	5.32	cps
Rhodium	103-1	10498401	10678060	10547085	10574515	0.88	cps
Rhodium	103-2	2602740	2554694	2566826	2574753	0.97	cps
Scandium	45-1	6170902	6283158	6228545	6227535	0.90	cps
Scandium	45-2	36163	35492	35548	35734	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	3	-21	-30	-16	-107.12	cps
Silicon	28-1	3311280	3496695	3284961	3364312	3.43	cps
Silver	109-1	200	133	192	175	20.76	cps
Silver	107-1	158	225	217	200	18.16	cps
Sodium	23-2	497644	490884	495306	494611	0.69	cps
Strontium	86-1	44123	43729	43194	43682	1.07	cps
Strontium	88-1	381628	374906	376387	377640	0.94	cps
Sulfur	34-1	398553	400713	402877	400714	0.54	cps
Terbium	159-1	15187712	15340298	15281001	15269670	0.50	cps
Terbium	159-2	2761197	2685544	2736643	2727795	1.41	cps
Thallium	203-1	308	308	425	347	19.40	cps
Thallium	205-1	683	717	842	747	11.17	cps
Tin	118-1	153873	148504	145921	149432	2.71	cps
Titanium	47-1	383	12405	358	4382	158.55	cps
Uranium	238-1	325	175	308	269	30.51	cps
Vanadium	51-2	23	17	37	26	39.85	cps
Yttrium	89-1	11541279	11474501	11429563	11481781	0.49	cps
Yttrium	89-2	272474	266676	270343	269831	1.09	cps
Zinc	66-2	72260	70930	72431	71874	1.14	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-24	Instrumnet Name :	P8
Client Sample ID :	57-FL1-CR120-W4-CS1-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:07:35	DataFile Name :	064SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1800	1859	1900	1853	2.71	cps
Zirconium	91-1	450	283	425	386	23.28	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209680	209382	211741	210267	0.61	cps
Antimony	121-1	3955780	3972934	3996081	3974932	0.51	cps
Arsenic	75-2	31519	31855	32546	31973	1.64	cps
Barium	135-1	4352805	4338743	4341254	4344267	0.17	cps
Barium	137-1	7536247	7462378	7505644	7501423	0.49	cps
Beryllium	9-1	533867	535840	536031	535246	0.22	cps
Bismuth	209-1	8808486	8770717	8927158	8835454	0.92	cps
Bismuth	209-2	2144306	2199340	2190487	2178044	1.36	cps
Boron	10-1	59591	61332	62328	61084	2.27	cps
Boron	11-1	272323	283559	287755	281213	2.84	cps
Cadmium	111-1	823201	828325	824341	825289	0.33	cps
Cadmium	106-1	89739	90527	90973	90413	0.69	cps
Cadmium	108-1	59318	59230	59878	59475	0.59	cps
Calcium	43-1	4362233	4348500	4385174	4365302	0.42	cps
Calcium	44-1	70764800	70772870	71187441	70908370	0.34	cps
Chromium	52-2	299368	299918	302278	300521	0.51	cps
Cobalt	59-2	649640	653340	655660	652880	0.47	cps
Copper	63-2	1110458	1116955	1123395	1116936	0.58	cps
Dysprosium	156-1	125	58	67	83	43.59	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	67	25	92	61	55.11	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	158	92	150	133	27.24	cps
Gadolinium	160-2	3	27	13	14	81.07	cps
Holmium	165-1	14017328	13929099	14067869	14004766	0.50	cps
Holmium	165-2	2692934	2719886	2741884	2718235	0.90	cps
Indium	115-1	10206506	10142652	10305482	10218213	0.80	cps
Indium	115-2	341778	348337	348534	346216	1.11	cps
Iron	56-2	48722400	49128043	49502882	49117775	0.79	cps
Iron	57-2	1220553	1226593	1242228	1229791	0.91	cps
Krypton	83-1	310	353	307	323	8.05	cps
Lead	206-1	2891805	2843820	2854839	2863488	0.88	cps
Lead	207-1	2634632	2635561	2607633	2625942	0.60	cps
Lead	208-1	11742141	11670164	11645780	11686028	0.43	cps
Lithium	6-1	2153209	2135310	2191072	2159864	1.32	cps
Magnesium	24-2	5291288	5335164	5304866	5310439	0.42	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	154588	155872	156805	155755	0.71	cps
Molybdenum	94-1	6882496	6905882	6849804	6879394	0.41	cps
Molybdenum	95-1	8478911	8452893	8362051	8431285	0.73	cps
Molybdenum	96-1	9441091	9490861	9417211	9449721	0.40	cps
Molybdenum	97-1	5367696	5385456	5370501	5374551	0.18	cps
Molybdenum	98-1	13578901	13541807	13672773	13597827	0.50	cps
Neodymium	150-1	240	200	253	231	12.01	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	193885	195677	195788	195117	0.55	cps
Phosphorus	31-2	2534	2384	2609	2509	4.57	cps
Potassium	39-2	1230142	1251557	1242952	1241550	0.87	cps
Rhodium	103-1	9329189	9255313	9316728	9300410	0.43	cps
Rhodium	103-2	2273396	2314964	2293013	2293791	0.91	cps
Scandium	45-1	5925456	5836866	5955042	5905788	1.04	cps
Scandium	45-2	33864	35391	35050	34769	2.31	cps
Selenium	77-2	187	220	207	204	8.21	cps
Selenium	78-2	702	770	759	744	4.94	cps
Selenium	82-1	50186	49679	49916	49927	0.51	cps
Silicon	28-1	2031522	2065869	2084684	2060692	1.31	cps
Silver	109-1	3960957	3997336	3965427	3974573	0.50	cps
Silver	107-1	4164093	4162499	4170791	4165794	0.11	cps
Sodium	23-2	11910903	12097622	12102273	12036933	0.91	cps
Strontium	86-1	1048630	1052317	1057602	1052850	0.43	cps
Strontium	88-1	9192033	9210539	9117510	9173360	0.54	cps
Sulfur	34-1	621319	623666	619848	621611	0.31	cps
Terbium	159-1	14207098	14069814	14308915	14195275	0.85	cps
Terbium	159-2	2556316	2592010	2594902	2581076	0.83	cps
Thallium	203-1	3551476	3536003	3466849	3518109	1.28	cps
Thallium	205-1	8251922	8239637	8247008	8246189	0.07	cps
Tin	118-1	2799303	2819471	2838781	2819185	0.70	cps
Titanium	47-1	2231089	2246070	2241716	2239625	0.34	cps
Uranium	238-1	11681291	11652203	11544252	11625915	0.62	cps
Vanadium	51-2	214164	213799	215457	214473	0.41	cps
Yttrium	89-1	10668116	10594708	10659607	10640810	0.38	cps
Yttrium	89-2	253130	257640	257073	255948	0.96	cps
Zinc	66-2	89845	91126	91402	90791	0.92	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:10:54	DataFile Name :	065CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5779292	5843073	5831845	5818070	0.59	cps
Zirconium	91-1	1264920	1273201	1272411	1270177	0.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	10321	9379	8345	9348	10.58	cps
Arsenic	75-2	7	7	2	6	57.77	cps
Barium	135-1	258	217	258	244	9.84	cps
Barium	137-1	383	450	258	364	26.74	cps
Beryllium	9-1	283	311	244	280	11.97	cps
Bismuth	209-1	10028028	9869895	9853417	9917113	0.97	cps
Bismuth	209-2	2417594	2466924	2441259	2441926	1.01	cps
Boron	10-1	2725	2325	2317	2456	9.51	cps
Boron	11-1	11889	11514	10296	11233	7.41	cps
Cadmium	111-1	2036	1890	1769	1898	7.04	cps
Cadmium	106-1	2784	2592	2450	2609	6.41	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	942	800	850	864	8.32	cps
Calcium	44-1	19206	18939	18738	18961	1.24	cps
Chromium	52-2	390	433	343	389	11.58	cps
Cobalt	59-2	60	83	70	71	16.47	cps
Copper	63-2	483	493	490	489	1.04	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	142	100	125	122	17.16	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	15062439	15046798	14859532	14989590	0.75	cps
Holmium	165-2	2860134	2876642	2935258	2890678	1.37	cps
Indium	115-1	11577083	11464834	11306407	11449441	1.19	cps
Indium	115-2	379653	383621	387786	383686	1.06	cps
Iron	56-2	3223	3173	2900	3099	5.60	cps
Iron	57-2	106	61	72	80	29.05	cps
Krypton	83-1	363	343	343	350	3.30	cps
Lead	206-1	667	583	678	643	8.03	cps
Lead	207-1	594	417	517	509	17.50	cps
Lead	208-1	2645	2300	2478	2474	6.96	cps
Lithium	6-1	2443704	2392767	2444699	2427057	1.22	cps
Magnesium	24-2	350	325	425	367	14.19	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	23	43	30	38.49	cps
Molybdenum	94-1	3559	3376	2700	3212	14.08	cps
Molybdenum	95-1	4843	4017	3392	4084	17.81	cps
Molybdenum	96-1	5660	4743	4134	4846	15.85	cps
Molybdenum	97-1	2767	2834	2317	2639	10.65	cps
Molybdenum	98-1	7561	6685	5727	6658	13.78	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	90	123	122	25.92	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1959	1867	1884	1903	2.57	cps
Rhodium	103-1	10723236	10672378	10634951	10676855	0.42	cps
Rhodium	103-2	2580204	2587581	2629944	2599243	1.03	cps
Scandium	45-1	6351172	6441472	6336514	6376386	0.89	cps
Scandium	45-2	36919	36193	37794	36969	2.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-57	27	18	-4	-1183.75	cps
Silicon	28-1	288982	285048	287563	287198	0.69	cps
Silver	109-1	467	458	425	450	4.90	cps
Silver	107-1	475	508	375	453	15.33	cps
Sodium	23-2	6385	6210	6410	6335	1.72	cps
Strontium	86-1	650	475	583	569	15.51	cps
Strontium	88-1	675	658	400	578	26.69	cps
Sulfur	34-1	370144	370888	369023	370018	0.25	cps
Terbium	159-1	15245500	15201539	15360317	15269119	0.54	cps
Terbium	159-2	2672209	2729239	2724805	2708751	1.17	cps
Thallium	203-1	1158	933	958	1017	12.13	cps
Thallium	205-1	3151	2617	2584	2784	11.43	cps
Tin	118-1	3451	3001	2876	3109	9.73	cps
Titanium	47-1	233	267	333	278	18.33	cps
Uranium	238-1	700	642	708	683	5.32	cps
Vanadium	51-2	13	27	13	18	43.33	cps
Yttrium	89-1	11728747	11554203	11594593	11625848	0.79	cps
Yttrium	89-2	271260	274612	278728	274867	1.36	cps
Zinc	66-2	63	43	63	57	20.38	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:14:04	DataFile Name :	066CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2334	2217	1842	2131	12.06	cps
Zirconium	91-1	675	492	533	567	16.96	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	292	250	281	9.55	cps
Antimony	121-1	4268	4493	4109	4290	4.49	cps
Arsenic	75-2	24	22	9	19	43.58	cps
Barium	135-1	29492	28757	29041	29097	1.27	cps
Barium	137-1	51200	51166	49368	50578	2.07	cps
Beryllium	9-1	144	128	206	159	25.71	cps
Bismuth	209-1	10716727	9312457	10284178	10104454	7.12	cps
Bismuth	209-2	2611622	2622865	2497080	2577189	2.70	cps
Boron	10-1	2275	2259	2275	2270	0.42	cps
Boron	11-1	10980	10905	10996	10960	0.45	cps
Cadmium	111-1	2244	2035	2137	2139	4.88	cps
Cadmium	106-1	3151	2884	3067	3034	4.50	cps
Cadmium	108-1	88	125	133	115	21.18	cps
Calcium	43-1	110904	111113	111280	111099	0.17	cps
Calcium	44-1	1879591	1872735	1866221	1872849	0.36	cps
Chromium	52-2	427	393	497	439	12.02	cps
Cobalt	59-2	643	757	680	693	8.34	cps
Copper	63-2	2469749	2459527	2472936	2467404	0.28	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	108	108	92	103	9.36	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	16253820	14259302	15683778	15398967	6.67	cps
Holmium	165-2	3022896	3038637	2971853	3011129	1.16	cps
Indium	115-1	12540621	10825349	11899883	11755284	7.37	cps
Indium	115-2	400656	396684	394240	397193	0.82	cps
Iron	56-2	9570	9676	9487	9578	0.99	cps
Iron	57-2	222	311	261	265	16.83	cps
Krypton	83-1	340	370	313	341	8.31	cps
Lead	206-1	25454	25866	25326	25548	1.10	cps
Lead	207-1	21647	22109	21675	21810	1.19	cps
Lead	208-1	101066	103016	99906	101329	1.55	cps
Lithium	6-1	2622513	2366674	2480631	2489939	5.15	cps
Magnesium	24-2	25983	26592	26309	26295	1.16	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1307	1343	1343	1331	1.59	cps
Molybdenum	94-1	6760	5443	4893	5699	16.84	cps
Molybdenum	95-1	1692	1650	1692	1678	1.43	cps
Molybdenum	96-1	2717	2725	2400	2614	7.09	cps
Molybdenum	97-1	1117	1158	933	1070	11.19	cps
Molybdenum	98-1	2900	2534	2525	2653	8.07	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	8679	9136	8713	8843	2.88	cps
Phosphorus	31-2	33	67	58	53	32.88	cps
Potassium	39-2	8386	7853	7953	8064	3.52	cps
Rhodium	103-1	11625708	10210935	11061140	10965928	6.49	cps
Rhodium	103-2	2738716	2709796	2689063	2712525	0.92	cps
Scandium	45-1	7012361	6050826	6726222	6596470	7.48	cps
Scandium	45-2	38563	39235	38282	38693	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	77	26	-15	30	155.12	cps
Silicon	28-1	3725630	3724891	3723236	3724586	0.03	cps
Silver	109-1	350	375	358	361	3.53	cps
Silver	107-1	383	242	417	347	26.76	cps
Sodium	23-2	538938	528860	534715	534171	0.95	cps
Strontium	86-1	47785	48078	46564	47475	1.69	cps
Strontium	88-1	407666	409341	402501	406503	0.88	cps
Sulfur	34-1	404063	400280	403716	402686	0.52	cps
Terbium	159-1	16645153	14517971	15996346	15719823	6.94	cps
Terbium	159-2	2861999	2840878	2852783	2851887	0.37	cps
Thallium	203-1	650	608	717	658	8.30	cps
Thallium	205-1	1692	1750	1717	1720	1.70	cps
Tin	118-1	537970	524220	535783	532658	1.39	cps
Titanium	47-1	392	1253	292	645	81.88	cps
Uranium	238-1	217	200	267	228	15.23	cps
Vanadium	51-2	27	27	30	28	6.92	cps
Yttrium	89-1	12686262	11155508	12122192	11987987	6.46	cps
Yttrium	89-2	288361	287186	283093	286214	0.97	cps
Zinc	66-2	368219	368071	369651	368647	0.24	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-25	Instrumnet Name :	P8
Client Sample ID :	58-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:17:24	DataFile Name :	067SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15026	11797	11422	12748	15.54	cps
Zirconium	91-1	3242	2567	2750	2853	12.24	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	283	267	261	9.75	cps
Antimony	121-1	3359	3167	3167	3231	3.43	cps
Arsenic	75-2	28	22	13	21	35.67	cps
Barium	135-1	28958	29183	29258	29133	0.54	cps
Barium	137-1	50447	51058	50840	50782	0.61	cps
Beryllium	9-1	161	122	122	135	16.61	cps
Bismuth	209-1	10352359	10201067	10082827	10212084	1.32	cps
Bismuth	209-2	2406570	2475436	2525853	2469286	2.42	cps
Boron	10-1	1867	2167	2050	2028	7.46	cps
Boron	11-1	8561	9712	9304	9192	6.35	cps
Cadmium	111-1	1987	2010	2117	2038	3.42	cps
Cadmium	106-1	2742	2792	3009	2848	4.98	cps
Cadmium	108-1	113	117	121	117	3.57	cps
Calcium	43-1	108995	110230	106863	108696	1.57	cps
Calcium	44-1	1857607	1862884	1842828	1854440	0.56	cps
Chromium	52-2	827	787	837	817	3.24	cps
Cobalt	59-2	1270	1330	1210	1270	4.72	cps
Copper	63-2	2761042	2702447	2691625	2718371	1.37	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	20	13	3	12	68.66	cps
Gadolinium	160-1	100	75	133	103	28.47	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	15667030	15482768	15279748	15476515	1.25	cps
Holmium	165-2	2905721	2931529	2970549	2935933	1.11	cps
Indium	115-1	11884012	11710186	11628112	11740770	1.11	cps
Indium	115-2	379472	386357	388707	384845	1.25	cps
Iron	56-2	29415	27728	28257	28467	3.03	cps
Iron	57-2	644	650	817	704	13.91	cps
Krypton	83-1	340	307	363	337	8.46	cps
Lead	206-1	45721	46006	45839	45855	0.31	cps
Lead	207-1	40515	40365	39824	40235	0.90	cps
Lead	208-1	184856	183265	182984	183702	0.55	cps
Lithium	6-1	2505662	2457699	2447974	2470445	1.25	cps
Magnesium	24-2	25182	25657	25950	25596	1.51	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1627	1507	1547	1560	3.92	cps
Molybdenum	94-1	2725	2700	2392	2606	7.13	cps
Molybdenum	95-1	792	1000	1033	942	13.91	cps
Molybdenum	96-1	1509	1325	1275	1370	8.97	cps
Molybdenum	97-1	683	633	667	661	3.85	cps
Molybdenum	98-1	1734	1684	1358	1592	12.79	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	16827	16223	16026	16359	2.55	cps
Phosphorus	31-2	92	75	83	83	10.00	cps
Potassium	39-2	7727	7469	7661	7619	1.76	cps
Rhodium	103-1	11218868	10921017	10818678	10986187	1.89	cps
Rhodium	103-2	2592172	2607429	2663378	2620993	1.43	cps
Scandium	45-1	6703111	6604454	6519509	6609025	1.39	cps
Scandium	45-2	35926	37193	36996	36705	1.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	13	18	-39	-3	-1247.27	cps
Silicon	28-1	3661902	3646505	3602082	3636829	0.85	cps
Silver	109-1	283	275	292	283	2.94	cps
Silver	107-1	408	300	292	333	19.53	cps
Sodium	23-2	528923	520677	518291	522630	1.07	cps
Strontium	86-1	46138	46857	46798	46597	0.86	cps
Strontium	88-1	405179	401396	400718	402431	0.60	cps
Sulfur	34-1	400873	399519	402759	401050	0.41	cps
Terbium	159-1	15952441	15750226	15578426	15760364	1.19	cps
Terbium	159-2	2710694	2780011	2801268	2763991	1.71	cps
Thallium	203-1	883	792	675	783	13.33	cps
Thallium	205-1	2325	1992	1992	2103	9.15	cps
Tin	118-1	360671	364420	605602	443565	31.64	cps
Titanium	47-1	358	350	233	314	22.26	cps
Uranium	238-1	125	167	200	164	22.93	cps
Vanadium	51-2	33	30	37	33	10.01	cps
Yttrium	89-1	12215500	11899990	11683443	11932977	2.24	cps
Yttrium	89-2	273271	275626	279793	276230	1.20	cps
Zinc	66-2	315887	310348	310575	312270	1.00	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-26	Instrumnet Name :	P8
Client Sample ID :	59-FL1-PANTRY-121-W4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:20:43	DataFile Name :	068SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6293	5410	5043	5582	11.52	cps
Zirconium	91-1	1458	1200	1158	1272	12.78	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	142	97	43.14	cps
Antimony	121-1	1467	1700	1425	1531	9.68	cps
Arsenic	75-2	24	15	20	20	23.60	cps
Barium	135-1	28924	29384	28749	29019	1.13	cps
Barium	137-1	51652	51493	50631	51259	1.07	cps
Beryllium	9-1	156	133	89	126	26.96	cps
Bismuth	209-1	9833530	10226510	10180508	10080183	2.13	cps
Bismuth	209-2	2569400	2434933	2531334	2511889	2.76	cps
Boron	10-1	1100	1042	1192	1111	6.81	cps
Boron	11-1	6252	6685	5985	6307	5.60	cps
Cadmium	111-1	1832	1872	1777	1827	2.63	cps
Cadmium	106-1	2542	2600	2467	2536	2.64	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	106981	104864	104454	105433	1.29	cps
Calcium	44-1	1805022	1776799	1785183	1789001	0.81	cps
Chromium	52-2	450	433	447	443	1.99	cps
Cobalt	59-2	93	77	73	81	13.22	cps
Copper	63-2	454335	448813	444701	449283	1.08	cps
Dysprosium	156-1	75	75	92	81	11.94	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	150	183	117	150	22.22	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	15008783	15412790	15105730	15175768	1.39	cps
Holmium	165-2	3011468	2908283	3011090	2976947	2.00	cps
Indium	115-1	11388438	11700171	11435997	11508202	1.46	cps
Indium	115-2	397645	386400	394799	392948	1.49	cps
Iron	56-2	12434	12662	12312	12469	1.42	cps
Iron	57-2	361	322	233	306	21.44	cps
Krypton	83-1	357	333	330	340	4.27	cps
Lead	206-1	29229	29318	28622	29056	1.30	cps
Lead	207-1	25270	25304	24875	25149	0.95	cps
Lead	208-1	115947	114982	114845	115258	0.52	cps
Lithium	6-1	2396938	2473513	2469469	2446640	1.76	cps
Magnesium	24-2	25749	26275	24964	25663	2.57	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2134	2170	2150	2151	0.85	cps
Molybdenum	94-1	2084	2067	2100	2084	0.80	cps
Molybdenum	95-1	642	517	592	583	10.79	cps
Molybdenum	96-1	1175	967	750	964	22.05	cps
Molybdenum	97-1	342	408	392	381	9.12	cps
Molybdenum	98-1	1050	892	767	903	15.73	cps
Neodymium	150-1	47	53	33	44	22.92	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	2014	1980	1850	1948	4.43	cps
Phosphorus	31-2	175	175	158	169	5.68	cps
Potassium	39-2	7044	6969	7085	7033	0.84	cps
Rhodium	103-1	10612503	10955539	10748676	10772239	1.60	cps
Rhodium	103-2	2683412	2606741	2683062	2657738	1.66	cps
Scandium	45-1	6271772	6651040	6468063	6463625	2.93	cps
Scandium	45-2	38466	35816	37848	37377	3.71	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	22	49	21	31	52.42	cps
Silicon	28-1	3510337	3533053	3415487	3486292	1.79	cps
Silver	109-1	208	158	92	153	38.31	cps
Silver	107-1	208	258	242	236	10.78	cps
Sodium	23-2	525103	525296	521546	523982	0.40	cps
Strontium	86-1	45928	45828	44590	45449	1.64	cps
Strontium	88-1	389261	383674	386251	386396	0.72	cps
Sulfur	34-1	402883	403800	403795	403493	0.13	cps
Terbium	159-1	15247311	15668708	15506118	15474046	1.37	cps
Terbium	159-2	2832056	2773687	2846302	2817348	1.37	cps
Thallium	203-1	475	358	367	400	16.27	cps
Thallium	205-1	950	950	1033	978	4.92	cps
Tin	118-1	15643	15418	15126	15396	1.68	cps
Titanium	47-1	500	542	483	508	5.91	cps
Uranium	238-1	392	408	367	389	5.39	cps
Vanadium	51-2	47	37	40	41	12.39	cps
Yttrium	89-1	11574997	11922835	11728239	11742024	1.48	cps
Yttrium	89-2	284458	275589	284774	281607	1.85	cps
Zinc	66-2	11769	11398	11328	11498	2.06	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-28	Instrumnet Name :	P8
Client Sample ID :	61-FL1-CL-125A-W4-SS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:24:02	DataFile Name :	069SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4776	4376	4101	4418	7.69	cps
Zirconium	91-1	1125	1000	842	989	14.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	783	833	617	745	15.24	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	33	25	42	33	25.01	cps
Barium	137-1	83	58	92	78	22.30	cps
Beryllium	9-1	94	111	94	100	9.62	cps
Bismuth	209-1	9831958	9793001	9469918	9698292	2.05	cps
Bismuth	209-2	2504917	2513477	2531665	2516686	0.54	cps
Boron	10-1	542	733	642	639	15.00	cps
Boron	11-1	3192	3100	2950	3081	3.96	cps
Cadmium	111-1	1863	1852	1745	1820	3.58	cps
Cadmium	106-1	2634	2617	2484	2578	3.19	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	508	708	608	608	16.44	cps
Calcium	44-1	15810	15768	15993	15857	0.76	cps
Chromium	52-2	367	347	357	357	2.80	cps
Cobalt	59-2	47	60	33	47	28.58	cps
Copper	63-2	677	483	447	536	23.08	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	14688078	14708385	14531871	14642778	0.66	cps
Holmium	165-2	2935624	2950530	2973477	2953210	0.65	cps
Indium	115-1	11144779	11093861	10995439	11078026	0.69	cps
Indium	115-2	382432	387857	391090	387126	1.13	cps
Iron	56-2	2302	1183	1206	1564	40.89	cps
Iron	57-2	72	22	11	35	92.53	cps
Krypton	83-1	317	297	363	326	10.51	cps
Lead	206-1	433	367	383	394	8.80	cps
Lead	207-1	383	400	433	406	6.28	cps
Lead	208-1	1606	1611	1700	1639	3.23	cps
Lithium	6-1	2361126	2377408	2327547	2355360	1.08	cps
Magnesium	24-2	442	208	208	286	47.10	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	20	23	23	14.29	cps
Molybdenum	94-1	325	508	367	400	24.03	cps
Molybdenum	95-1	275	267	317	286	9.36	cps
Molybdenum	96-1	600	517	375	497	22.88	cps
Molybdenum	97-1	242	242	225	236	4.08	cps
Molybdenum	98-1	500	542	492	511	5.24	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	93	100	80	91	11.18	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1842	1717	1584	1714	7.54	cps
Rhodium	103-1	10439289	10441979	10364843	10415370	0.42	cps
Rhodium	103-2	2630895	2627835	2643475	2634068	0.31	cps
Scandium	45-1	6203273	6125869	6116097	6148413	0.78	cps
Scandium	45-2	36878	37467	37176	37174	0.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	15	6	-63	-14	-306.06	cps
Silicon	28-1	279496	272778	275634	275969	1.22	cps
Silver	109-1	92	133	150	125	24.04	cps
Silver	107-1	200	158	167	175	12.60	cps
Sodium	23-2	5001	5101	4993	5032	1.20	cps
Strontium	86-1	383	633	425	481	27.87	cps
Strontium	88-1	242	192	258	231	15.05	cps
Sulfur	34-1	368390	369282	370639	369437	0.31	cps
Terbium	159-1	15048997	14932906	14785049	14922317	0.89	cps
Terbium	159-2	2744126	2791939	2764809	2766958	0.87	cps
Thallium	203-1	417	408	317	381	14.58	cps
Thallium	205-1	817	833	875	842	3.57	cps
Tin	118-1	1208	1508	1333	1350	11.16	cps
Titanium	47-1	83	158	92	111	37.00	cps
Uranium	238-1	42	75	25	47	53.91	cps
Vanadium	51-2	33	13	7	18	78.05	cps
Yttrium	89-1	11250572	11346216	11267478	11288089	0.45	cps
Yttrium	89-2	275141	276743	281226	277703	1.14	cps
Zinc	66-2	103	77	50	77	34.79	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BL	Instrumnet Name :	P8
Client Sample ID :	PB111169BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:27:21	DataFile Name :	070CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	975	725	733	811	17.51	cps
Zirconium	91-1	167	250	133	183	32.78	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41754	42155	42464	42125	0.85	cps
Antimony	121-1	4214850	4223552	4233700	4224034	0.22	cps
Arsenic	75-2	32809	33225	32874	32970	0.68	cps
Barium	135-1	4561178	4598375	4523093	4560882	0.83	cps
Barium	137-1	7878995	7840326	7854216	7857846	0.25	cps
Beryllium	9-1	561532	560243	557372	559716	0.38	cps
Bismuth	209-1	9419199	9454496	9560482	9478059	0.78	cps
Bismuth	209-2	2325657	2319130	2390069	2344952	1.67	cps
Boron	10-1	59583	62972	63323	61959	3.33	cps
Boron	11-1	278707	287174	294969	286950	2.83	cps
Cadmium	111-1	892436	898800	899225	896820	0.42	cps
Cadmium	106-1	94463	97047	97517	96342	1.71	cps
Cadmium	108-1	63340	63721	63708	63589	0.34	cps
Calcium	43-1	903830	906501	906951	905761	0.19	cps
Calcium	44-1	14973555	14912384	14917843	14934594	0.23	cps
Chromium	52-2	298860	297561	297383	297935	0.27	cps
Cobalt	59-2	675153	669105	675769	673342	0.55	cps
Copper	63-2	1201202	1193203	1198666	1197691	0.34	cps
Dysprosium	156-1	83	58	83	75	19.24	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	108	50	25	61	69.98	cps
Erbium	164-2	10	20	3	11	75.52	cps
Gadolinium	160-1	150	83	125	119	28.20	cps
Gadolinium	160-2	10	20	30	20	50.00	cps
Holmium	165-1	14547976	14492297	14640192	14560155	0.51	cps
Holmium	165-2	2820920	2822384	2908787	2850697	1.76	cps
Indium	115-1	10904542	10745456	10905309	10851769	0.85	cps
Indium	115-2	360454	363252	375121	366276	2.13	cps
Iron	56-2	10216127	10157573	10108675	10160792	0.53	cps
Iron	57-2	255669	252340	254444	254151	0.66	cps
Krypton	83-1	293	337	270	300	11.28	cps
Lead	206-1	3068250	3049603	3057961	3058605	0.31	cps
Lead	207-1	2770793	2784995	2803387	2786391	0.59	cps
Lead	208-1	12383213	12431376	12500695	12438428	0.47	cps
Lithium	6-1	2289650	2303078	2305504	2299411	0.37	cps
Magnesium	24-2	1086375	1079652	1086963	1084330	0.37	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	158308	159266	160088	159221	0.56	cps
Molybdenum	94-1	7114812	7152337	7163485	7143545	0.36	cps
Molybdenum	95-1	8757458	8854514	8853034	8821669	0.63	cps
Molybdenum	96-1	9849398	9883794	9790665	9841285	0.48	cps
Molybdenum	97-1	5573489	5603912	5627251	5601551	0.48	cps
Molybdenum	98-1	14295040	14198086	14357931	14283686	0.56	cps
Neodymium	150-1	233	207	213	218	6.37	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	201877	199750	201620	201083	0.58	cps
Phosphorus	31-2	2750	2617	2442	2603	5.94	cps
Potassium	39-2	251178	255029	256929	254379	1.15	cps
Rhodium	103-1	10069511	9948791	10060719	10026340	0.67	cps
Rhodium	103-2	2423593	2461311	2522244	2469049	2.02	cps
Scandium	45-1	6194664	6003164	6130217	6109348	1.59	cps
Scandium	45-2	34910	35311	36468	35563	2.27	cps
Selenium	77-2	233	177	260	223	19.06	cps
Selenium	78-2	765	732	804	767	4.72	cps
Selenium	82-1	53447	53547	53578	53524	0.13	cps
Silicon	28-1	1976036	2009488	2003875	1996466	0.90	cps
Silver	109-1	4336361	4332587	4310472	4326473	0.32	cps
Silver	107-1	4533662	4514329	4528231	4525408	0.22	cps
Sodium	23-2	2491893	2487557	2503818	2494423	0.34	cps
Strontium	86-1	1098057	1088160	1103403	1096540	0.71	cps
Strontium	88-1	9556613	9519619	9588509	9554914	0.36	cps
Sulfur	34-1	642785	640669	638562	640672	0.33	cps
Terbium	159-1	14955899	14769556	14751360	14825605	0.76	cps
Terbium	159-2	2678331	2631980	2752116	2687476	2.25	cps
Thallium	203-1	3723538	3725955	3730908	3726800	0.10	cps
Thallium	205-1	8768836	8731580	8805796	8768737	0.42	cps
Tin	118-1	2992264	2997388	2972327	2987326	0.44	cps
Titanium	47-1	2330090	2316931	2326840	2324621	0.29	cps
Uranium	238-1	12018387	12083180	12062381	12054649	0.27	cps
Vanadium	51-2	217974	216950	218825	217917	0.43	cps
Yttrium	89-1	11302232	11067744	11213970	11194649	1.06	cps
Yttrium	89-2	261810	262335	271263	265136	2.00	cps
Zinc	66-2	96862	96724	97449	97012	0.40	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	PB111169BS	Instrumnet Name :	P8
Client Sample ID :	PB111169BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:30:41	DataFile Name :	071LCS6_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6038564	6038016	6075680	6050754	0.36	cps
Zirconium	91-1	1320277	1331535	1329903	1327238	0.46	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	250	317	275	13.21	cps
Antimony	121-1	11372	10847	10354	10858	4.69	cps
Arsenic	75-2	33	24	19	25	29.57	cps
Barium	135-1	32056	31672	32641	32123	1.52	cps
Barium	137-1	58597	56388	58154	57713	2.02	cps
Beryllium	9-1	333	339	250	307	16.20	cps
Bismuth	209-1	10820277	10725681	10603937	10716631	1.01	cps
Bismuth	209-2	2589860	2518222	2539354	2549146	1.44	cps
Boron	10-1	4351	3926	3501	3926	10.83	cps
Boron	11-1	18588	18112	16360	17687	6.63	cps
Cadmium	111-1	2217	2073	2159	2150	3.37	cps
Cadmium	106-1	2859	2609	2742	2737	4.57	cps
Cadmium	108-1	138	129	117	128	8.20	cps
Calcium	43-1	126475	124565	124683	125241	0.85	cps
Calcium	44-1	2158302	2105122	2098142	2120522	1.55	cps
Chromium	52-2	2237	2327	2147	2237	4.02	cps
Cobalt	59-2	250	240	220	237	6.45	cps
Copper	63-2	2705815	2717957	2676630	2700134	0.79	cps
Dysprosium	156-1	58	42	50	50	16.67	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	108	133	100	114	15.23	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	16059462	15987203	15852251	15966305	0.66	cps
Holmium	165-2	2986850	3000315	2928348	2971838	1.29	cps
Indium	115-1	12140610	12108984	11955400	12068331	0.82	cps
Indium	115-2	385139	380744	385735	383873	0.71	cps
Iron	56-2	19197	18669	18568	18811	1.80	cps
Iron	57-2	450	389	533	457	15.85	cps
Krypton	83-1	340	293	273	302	11.32	cps
Lead	206-1	63944	62811	63666	63474	0.93	cps
Lead	207-1	54372	55360	52821	54185	2.36	cps
Lead	208-1	253732	253620	251603	252985	0.47	cps
Lithium	6-1	2515574	2468320	2450548	2478147	1.36	cps
Magnesium	24-2	27127	26217	26835	26726	1.74	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1850	1823	1847	1840	0.79	cps
Molybdenum	94-1	5977	5501	4951	5476	9.37	cps
Molybdenum	95-1	5151	4259	4092	4501	12.65	cps
Molybdenum	96-1	6669	5235	4834	5579	17.29	cps
Molybdenum	97-1	3451	3017	2742	3070	11.64	cps
Molybdenum	98-1	8194	7477	6927	7533	8.44	cps
Neodymium	150-1	60	47	53	53	12.50	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	16110	15706	15439	15751	2.14	cps
Phosphorus	31-2	8	67	25	33	90.15	cps
Potassium	39-2	7444	7669	7469	7527	1.64	cps
Rhodium	103-1	11371301	11280185	11260051	11303846	0.52	cps
Rhodium	103-2	2700889	2654613	2650984	2668828	1.04	cps
Scandium	45-1	6778397	6689694	6595958	6688016	1.36	cps
Scandium	45-2	37383	36651	36822	36952	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-23	46	-15	3	1393.73	cps
Silicon	28-1	3751160	3673136	3644437	3689577	1.50	cps
Silver	109-1	1450	1825	2000	1759	15.98	cps
Silver	107-1	1767	1934	1884	1861	4.60	cps
Sodium	23-2	541212	534722	530460	535465	1.01	cps
Strontium	86-1	51197	51281	52695	51724	1.63	cps
Strontium	88-1	443329	442426	438491	441415	0.58	cps
Sulfur	34-1	394942	393890	394535	394456	0.13	cps
Terbium	159-1	16409316	16417878	16175424	16334206	0.84	cps
Terbium	159-2	2814794	2770536	2827194	2804175	1.06	cps
Thallium	203-1	3117	2609	2659	2795	10.03	cps
Thallium	205-1	7294	7044	6377	6905	6.87	cps
Tin	118-1	1751144	1742650	1778766	1757520	1.07	cps
Titanium	47-1	625	592	750	656	12.73	cps
Uranium	238-1	1425	1058	1050	1178	18.18	cps
Vanadium	51-2	47	53	43	48	10.66	cps
Yttrium	89-1	12351664	12247462	12246854	12281993	0.49	cps
Yttrium	89-2	276702	271788	273354	273948	0.92	cps
Zinc	66-2	267899	266916	263231	266015	0.93	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:33:53	DataFile Name :	072SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8411	7252	6060	7241	16.24	cps
Zirconium	91-1	1925	1692	1475	1697	13.26	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	267	342	300	12.73	cps
Antimony	121-1	5076	5126	4943	5048	1.88	cps
Arsenic	75-2	17	24	22	21	18.35	cps
Barium	135-1	32758	32382	32508	32549	0.59	cps
Barium	137-1	58757	56965	56631	57451	1.99	cps
Beryllium	9-1	206	161	178	181	12.37	cps
Bismuth	209-1	10773471	10786072	10686388	10748644	0.51	cps
Bismuth	209-2	2533539	2374241	2493804	2467194	3.36	cps
Boron	10-1	2367	2350	2400	2373	1.07	cps
Boron	11-1	10754	10596	10579	10643	0.91	cps
Cadmium	111-1	2202	2191	2045	2146	4.08	cps
Cadmium	106-1	2917	2992	2775	2895	3.80	cps
Cadmium	108-1	117	100	92	103	12.39	cps
Calcium	43-1	121589	120757	121086	121144	0.35	cps
Calcium	44-1	2053013	2032347	2013115	2032825	0.98	cps
Chromium	52-2	2104	2050	2034	2062	1.77	cps
Cobalt	59-2	233	247	200	227	10.60	cps
Copper	63-2	2612564	2616350	2596154	2608356	0.41	cps
Dysprosium	156-1	50	58	75	61	20.83	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	92	83	142	106	29.89	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	200	200	150	183	15.75	cps
Gadolinium	160-2	20	17	27	21	24.12	cps
Holmium	165-1	16157719	16196797	16102989	16152502	0.29	cps
Holmium	165-2	2948676	2757236	2920055	2875322	3.59	cps
Indium	115-1	12045062	12133986	11847837	12008962	1.22	cps
Indium	115-2	374772	346306	368285	363121	4.11	cps
Iron	56-2	17212	18335	18113	17886	3.33	cps
Iron	57-2	400	439	500	446	11.30	cps
Krypton	83-1	277	237	273	262	8.47	cps
Lead	206-1	65200	63196	63291	63896	1.77	cps
Lead	207-1	54724	54796	54249	54590	0.54	cps
Lead	208-1	254879	252513	250485	252626	0.87	cps
Lithium	6-1	2419194	2460513	2399424	2426377	1.28	cps
Magnesium	24-2	25641	26117	25190	25649	1.81	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1653	1777	1770	1733	4.00	cps
Molybdenum	94-1	2784	2109	2084	2325	17.08	cps
Molybdenum	95-1	1450	1433	1425	1436	0.89	cps
Molybdenum	96-1	1950	1859	1834	1881	3.27	cps
Molybdenum	97-1	958	1033	825	939	11.24	cps
Molybdenum	98-1	2325	2217	2442	2328	4.83	cps
Neodymium	150-1	53	87	33	58	46.62	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	15432	15125	15002	15186	1.46	cps
Phosphorus	31-2	42	33	67	47	36.73	cps
Potassium	39-2	6894	6927	7002	6941	0.80	cps
Rhodium	103-1	11241660	11292184	11062915	11198920	1.08	cps
Rhodium	103-2	2645300	2418259	2547823	2537127	4.49	cps
Scandium	45-1	6504130	6508643	6430346	6481040	0.68	cps
Scandium	45-2	34917	32023	34178	33706	4.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	10	91	27	42	100.68	cps
Silicon	28-1	3601996	3513250	3448499	3521249	2.19	cps
Silver	109-1	1759	1834	1684	1759	4.27	cps
Silver	107-1	6826	1734	2159	3573	79.09	cps
Sodium	23-2	503626	509215	502050	504964	0.75	cps
Strontium	86-1	50252	49867	49340	49820	0.92	cps
Strontium	88-1	437254	433442	422818	431172	1.73	cps
Sulfur	34-1	379146	378356	376224	377909	0.40	cps
Terbium	159-1	16268243	16421231	16177179	16288884	0.76	cps
Terbium	159-2	2793143	2531695	2728924	2684587	5.08	cps
Thallium	203-1	1133	1167	1183	1161	2.19	cps
Thallium	205-1	2700	2400	3326	2809	16.81	cps
Tin	118-1	1783230	1741313	1756301	1760281	1.21	cps
Titanium	47-1	567	600	542	569	5.14	cps
Uranium	238-1	400	417	342	386	10.20	cps
Vanadium	51-2	20	47	37	34	39.11	cps
Yttrium	89-1	12125370	12107318	12053963	12095550	0.31	cps
Yttrium	89-2	264780	244746	260574	256700	4.12	cps
Zinc	66-2	252646	256479	253810	254312	0.77	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04DUP	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1DU	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:37:11	DataFile Name :	073SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4226	4101	4192	4173	1.55	cps
Zirconium	91-1	1100	967	1000	1022	6.79	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	58	92	36.36	cps
Antimony	121-1	1850	1817	1734	1800	3.34	cps
Arsenic	75-2	7	4	2	4	65.54	cps
Barium	135-1	6243	6218	6444	6302	1.96	cps
Barium	137-1	10413	10571	11055	10680	3.13	cps
Beryllium	9-1	156	133	144	144	7.69	cps
Bismuth	209-1	10354448	10251498	10284802	10296916	0.51	cps
Bismuth	209-2	2496927	2380413	2465286	2447542	2.46	cps
Boron	10-1	1058	1192	1258	1170	8.71	cps
Boron	11-1	5234	5435	5335	5335	1.88	cps
Cadmium	111-1	1724	2011	1904	1880	7.73	cps
Cadmium	106-1	2392	2809	2659	2620	8.06	cps
Cadmium	108-1	25	25	33	28	17.31	cps
Calcium	43-1	22995	23078	23863	23312	2.05	cps
Calcium	44-1	396677	391442	395404	394508	0.69	cps
Chromium	52-2	737	717	857	770	9.83	cps
Cobalt	59-2	73	47	70	63	22.94	cps
Copper	63-2	495719	496983	495821	496174	0.14	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	58	58	42	69.29	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	100	92	67	86	20.15	cps
Gadolinium	160-2	3	23	13	13	75.02	cps
Holmium	165-1	15430364	15423249	15170196	15341270	0.97	cps
Holmium	165-2	2937809	2810613	2860615	2869679	2.23	cps
Indium	115-1	11688790	11535314	11592800	11605634	0.67	cps
Indium	115-2	378720	359924	368488	369044	2.55	cps
Iron	56-2	4234	4340	4451	4342	2.50	cps
Iron	57-2	189	156	106	150	27.96	cps
Krypton	83-1	313	297	353	321	9.07	cps
Lead	206-1	12685	12418	12456	12520	1.15	cps
Lead	207-1	10738	10566	10588	10631	0.88	cps
Lead	208-1	49244	49840	49200	49428	0.72	cps
Lithium	6-1	2302069	2273289	2327828	2301062	1.19	cps
Magnesium	24-2	5401	5410	5101	5304	3.31	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	403	453	402	12.85	cps
Molybdenum	94-1	1025	975	975	992	2.91	cps
Molybdenum	95-1	708	792	767	756	5.66	cps
Molybdenum	96-1	950	833	842	875	7.44	cps
Molybdenum	97-1	583	433	508	508	14.75	cps
Molybdenum	98-1	1350	1092	1117	1186	12.01	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	3087	2917	2797	2934	4.97	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	2884	2725	2767	2792	2.94	cps
Rhodium	103-1	10895739	10796488	10712098	10801442	0.85	cps
Rhodium	103-2	2632010	2490943	2553874	2558942	2.76	cps
Scandium	45-1	6290196	6201954	6229968	6240706	0.72	cps
Scandium	45-2	35111	33894	34025	34343	1.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-8	38	-78	-16	-360.59	cps
Silicon	28-1	1022563	990614	976847	996674	2.35	cps
Silver	109-1	708	667	650	675	4.45	cps
Silver	107-1	700	783	733	739	5.68	cps
Sodium	23-2	102551	101494	100193	101413	1.17	cps
Strontium	86-1	10063	10029	9762	9951	1.65	cps
Strontium	88-1	83086	81292	82290	82223	1.09	cps
Sulfur	34-1	352568	351620	354847	353012	0.47	cps
Terbium	159-1	15904444	15759873	15534610	15732975	1.18	cps
Terbium	159-2	2770233	2641308	2741842	2717794	2.49	cps
Thallium	203-1	458	283	317	353	26.34	cps
Thallium	205-1	825	950	750	842	12.00	cps
Tin	118-1	328793	331450	334744	331662	0.90	cps
Titanium	47-1	142	225	192	186	22.54	cps
Uranium	238-1	158	100	125	128	22.90	cps
Vanadium	51-2	7	30	7	14	93.24	cps
Yttrium	89-1	11711121	11575799	11575007	11620642	0.67	cps
Yttrium	89-2	267307	255256	261860	261474	2.31	cps
Zinc	66-2	49595	49655	49408	49553	0.26	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04LX5	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-16 18:40:28	DataFile Name :	074SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1450	1267	1350	6.87	cps
Zirconium	91-1	275	333	158	256	34.87	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8086	7661	7752	7833	2.86	cps
Antimony	121-1	6547009	6561748	6559769	6556175	0.12	cps
Arsenic	75-2	50609	50767	50390	50588	0.37	cps
Barium	135-1	426289	422048	423179	423839	0.52	cps
Barium	137-1	746761	747306	749495	747854	0.19	cps
Beryllium	9-1	230054	230198	226691	228981	0.87	cps
Bismuth	209-1	10752204	9630427	10110335	10164322	5.54	cps
Bismuth	209-2	2496415	2491988	2503709	2497371	0.24	cps
Boron	10-1	37884	39163	39397	38815	2.10	cps
Boron	11-1	174018	182681	184065	180255	3.02	cps
Cadmium	111-1	387282	389797	384306	387128	0.71	cps
Cadmium	106-1	37211	36642	37228	37027	0.90	cps
Cadmium	108-1	25587	25487	25700	25591	0.42	cps
Calcium	43-1	138772	137965	138107	138281	0.31	cps
Calcium	44-1	2318222	2297803	2303121	2306382	0.46	cps
Chromium	52-2	233006	228815	229585	230469	0.97	cps
Cobalt	59-2	272725	270057	268760	270514	0.75	cps
Copper	63-2	2909285	2877214	2897754	2894751	0.56	cps
Dysprosium	156-1	332457	329122	326692	329424	0.88	cps
Dysprosium	156-2	5071	5068	4971	5037	1.13	cps
Erbium	164-1	117	92	75	94	22.21	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	225	192	192	203	9.49	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	15890131	14442073	15128329	15153511	4.78	cps
Holmium	165-2	2906613	2860352	2908249	2891738	0.94	cps
Indium	115-1	11772022	10559553	11108822	11146799	5.45	cps
Indium	115-2	358973	361165	361618	360586	0.39	cps
Iron	56-2	1200087	1186813	1189722	1192207	0.59	cps
Iron	57-2	31052	30211	30094	30452	1.72	cps
Krypton	83-1	297	320	263	293	9.71	cps
Lead	206-1	6735647	6737353	6697833	6723611	0.33	cps
Lead	207-1	6045849	6085430	5998256	6043178	0.72	cps
Lead	208-1	27424171	27462896	27155448	27347505	0.61	cps
Lithium	6-1	2388623	2177711	2262007	2276114	4.66	cps
Magnesium	24-2	66238	66046	65141	65809	0.89	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32418	31820	31973	32070	0.97	cps
Molybdenum	94-1	846759	840024	847612	844799	0.49	cps
Molybdenum	95-1	1503282	1499305	1515704	1506097	0.57	cps
Molybdenum	96-1	1630887	1614346	1632120	1625784	0.61	cps
Molybdenum	97-1	927327	922622	928204	926051	0.32	cps
Molybdenum	98-1	2454699	2452342	2449750	2452264	0.10	cps
Neodymium	150-1	60	73	100	78	26.18	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	215846	211636	214430	213971	1.00	cps
Phosphorus	31-2	1634	1308	1467	1470	11.06	cps
Potassium	39-2	100910	99534	99786	100077	0.73	cps
Rhodium	103-1	11013478	9976350	10407500	10465776	4.98	cps
Rhodium	103-2	2566695	2597953	2573558	2579402	0.64	cps
Scandium	45-1	6288713	5775275	5835565	5966517	4.70	cps
Scandium	45-2	33256	33533	33266	33352	0.47	cps
Selenium	77-2	900	833	777	837	7.38	cps
Selenium	78-2	3032	2837	2973	2947	3.38	cps
Selenium	82-1	231996	229657	230144	230599	0.54	cps
Silicon	28-1	6729353	6691446	6644359	6688386	0.64	cps
Silver	109-1	683824	685888	684352	684688	0.16	cps
Silver	107-1	717651	718421	711467	715846	0.53	cps
Sodium	23-2	625724	624084	622859	624222	0.23	cps
Strontium	86-1	511451	505132	507984	508189	0.62	cps
Strontium	88-1	4480180	4464103	4417120	4453801	0.74	cps
Sulfur	34-1	365668	363432	360504	363201	0.71	cps
Terbium	159-1	16285043	14804241	15353856	15481047	4.84	cps
Terbium	159-2	2770975	2772922	2760431	2768110	0.24	cps
Thallium	203-1	16354139	16351286	16293098	16332841	0.21	cps
Thallium	205-1	39302978	39029963	38951625	39094855	0.47	cps
Tin	118-1	6130620	6257512	6108033	6165388	1.31	cps
Titanium	47-1	190511	190352	187785	189549	0.81	cps
Uranium	238-1	367	275	392	344	17.83	cps
Vanadium	51-2	127705	124702	124763	125724	1.37	cps
Yttrium	89-1	12032052	10775414	11301613	11369693	5.55	cps
Yttrium	89-2	259759	257894	258349	258668	0.38	cps
Zinc	66-2	264729	262207	263990	263642	0.49	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MS	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:43:48	DataFile Name :	075SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14709	12673	10079	12487	18.58	cps
Zirconium	91-1	3601	3434	2859	3298	11.80	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7977	7661	8019	7886	2.49	cps
Antimony	121-1	6498691	6430990	6458466	6462716	0.53	cps
Arsenic	75-2	50271	50427	50453	50383	0.20	cps
Barium	135-1	423142	422836	421428	422468	0.22	cps
Barium	137-1	750597	745639	746484	747573	0.35	cps
Beryllium	9-1	229158	224669	225515	226448	1.05	cps
Bismuth	209-1	10791401	10750668	10736746	10759605	0.26	cps
Bismuth	209-2	2337704	2512210	2474475	2441463	3.76	cps
Boron	10-1	40374	40441	39547	40121	1.24	cps
Boron	11-1	181054	184539	186584	184059	1.52	cps
Cadmium	111-1	391408	388878	386234	388840	0.67	cps
Cadmium	106-1	37771	37829	36743	37448	1.63	cps
Cadmium	108-1	25575	25408	25403	25462	0.38	cps
Calcium	43-1	139689	137315	137273	138092	1.00	cps
Calcium	44-1	2316341	2316209	2280161	2304237	0.90	cps
Chromium	52-2	233455	229100	229170	230575	1.08	cps
Cobalt	59-2	272339	268403	267249	269330	0.99	cps
Copper	63-2	2891877	2900961	2871165	2888001	0.53	cps
Dysprosium	156-1	328796	325992	327504	327431	0.43	cps
Dysprosium	156-2	4741	5308	5034	5028	5.64	cps
Erbium	164-1	83	125	167	125	33.33	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	217	258	175	217	19.23	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	15893575	15856938	15901899	15884138	0.15	cps
Holmium	165-2	2721476	2919014	2887898	2842796	3.74	cps
Indium	115-1	11684725	11672132	11623044	11659967	0.28	cps
Indium	115-2	334288	357437	354468	348731	3.61	cps
Iron	56-2	1197553	1188249	1183161	1189655	0.61	cps
Iron	57-2	30556	30662	29565	30261	2.00	cps
Krypton	83-1	337	323	290	317	7.59	cps
Lead	206-1	6768668	6760957	6710101	6746575	0.47	cps
Lead	207-1	6137083	6102346	6033171	6090867	0.87	cps
Lead	208-1	27681652	27525952	27318554	27508719	0.66	cps
Lithium	6-1	2337780	2338308	2360638	2345575	0.56	cps
Magnesium	24-2	66473	62839	65418	64910	2.88	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31779	32368	32120	32089	0.92	cps
Molybdenum	94-1	843960	834164	838442	838855	0.59	cps
Molybdenum	95-1	1492277	1478433	1472970	1481227	0.67	cps
Molybdenum	96-1	1624986	1604667	1619485	1616379	0.65	cps
Molybdenum	97-1	925084	915191	917593	919289	0.56	cps
Molybdenum	98-1	2423075	2421095	2389522	2411231	0.78	cps
Neodymium	150-1	120	60	133	104	37.40	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	215361	212738	214325	214141	0.62	cps
Phosphorus	31-2	1292	1242	1508	1347	10.52	cps
Potassium	39-2	102386	100012	98838	100412	1.80	cps
Rhodium	103-1	11021721	10903918	10895169	10940269	0.65	cps
Rhodium	103-2	2386170	2531665	2514604	2477480	3.21	cps
Scandium	45-1	6256524	6243758	6170885	6223722	0.74	cps
Scandium	45-2	31085	33233	33136	32484	3.73	cps
Selenium	77-2	870	847	800	839	4.25	cps
Selenium	78-2	2913	2839	2939	2897	1.79	cps
Selenium	82-1	231427	229527	228747	229900	0.60	cps
Silicon	28-1	6723143	6574350	6604050	6633848	1.19	cps
Silver	109-1	692397	682248	679349	684664	1.00	cps
Silver	107-1	716654	710483	710644	712594	0.49	cps
Sodium	23-2	627629	625951	621746	625109	0.48	cps
Strontium	86-1	510444	501357	501559	504453	1.03	cps
Strontium	88-1	4479438	4497255	4419468	4465387	0.91	cps
Sulfur	34-1	355609	348287	350340	351412	1.07	cps
Terbium	159-1	16214490	16152856	16188356	16185234	0.19	cps
Terbium	159-2	2590097	2748638	2733864	2690866	3.25	cps
Thallium	203-1	16481246	16305245	16341473	16375988	0.57	cps
Thallium	205-1	39333654	39077364	39046004	39152341	0.40	cps
Tin	118-1	6163820	6136767	6105591	6135393	0.47	cps
Titanium	47-1	188585	187572	187381	187846	0.34	cps
Uranium	238-1	233	333	267	278	18.33	cps
Vanadium	51-2	124854	125032	124272	124719	0.32	cps
Yttrium	89-1	11975316	11796134	11879725	11883725	0.75	cps
Yttrium	89-2	241418	257581	252643	250547	3.31	cps
Zinc	66-2	265785	264565	264550	264967	0.27	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04MSD	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:47:02	DataFile Name :	076SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6727	5893	5476	6032	10.56	cps
Zirconium	91-1	1909	2125	1825	1953	7.93	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197996	204418	205703	202706	2.04	cps
Antimony	121-1	3972129	4014562	4002640	3996444	0.55	cps
Arsenic	75-2	31653	31636	31944	31745	0.55	cps
Barium	135-1	4459284	4504336	4489395	4484338	0.51	cps
Barium	137-1	7684259	7796151	7699703	7726704	0.78	cps
Beryllium	9-1	523780	527166	531039	527328	0.69	cps
Bismuth	209-1	9116783	9153352	9090271	9120135	0.35	cps
Bismuth	209-2	2223705	2226148	2223457	2224436	0.07	cps
Boron	10-1	60420	62922	63432	62258	2.59	cps
Boron	11-1	282219	292024	298545	290930	2.82	cps
Cadmium	111-1	854285	852761	857149	854732	0.26	cps
Cadmium	106-1	92970	94581	93799	93783	0.86	cps
Cadmium	108-1	60313	61766	62419	61499	1.75	cps
Calcium	43-1	4321891	4337280	4400122	4353098	0.95	cps
Calcium	44-1	70729456	71404227	71957622	71363768	0.86	cps
Chromium	52-2	293479	298267	299580	297109	1.08	cps
Cobalt	59-2	644811	652767	652607	650062	0.70	cps
Copper	63-2	1112103	1121597	1126997	1120233	0.67	cps
Dysprosium	156-1	267	242	233	247	7.02	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	25	83	75	61	51.63	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	150	192	100	147	31.17	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	14448025	14403255	14407603	14419628	0.17	cps
Holmium	165-2	2764191	2791474	2768504	2774723	0.53	cps
Indium	115-1	10544718	10434544	10485042	10488101	0.53	cps
Indium	115-2	344149	349947	344935	346344	0.91	cps
Iron	56-2	47967268	48502776	48311333	48260459	0.56	cps
Iron	57-2	1207063	1219149	1220195	1215469	0.60	cps
Krypton	83-1	260	333	317	303	12.67	cps
Lead	206-1	2970186	2998475	3006268	2991643	0.63	cps
Lead	207-1	2759389	2765614	2738378	2754460	0.52	cps
Lead	208-1	12196240	12193242	12212742	12200741	0.09	cps
Lithium	6-1	2102707	2108328	2102560	2104531	0.16	cps
Magnesium	24-2	5118867	5173666	5153853	5148795	0.54	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153193	154547	154981	154240	0.60	cps
Molybdenum	94-1	7024261	7092567	7100983	7072604	0.59	cps
Molybdenum	95-1	8581490	8757549	8727620	8688886	1.08	cps
Molybdenum	96-1	9621426	9713773	9859844	9731681	1.24	cps
Molybdenum	97-1	5464533	5547560	5575926	5529340	1.05	cps
Molybdenum	98-1	13856211	14089029	13999444	13981561	0.84	cps
Neodymium	150-1	247	193	247	229	13.45	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	191402	195092	196211	194235	1.30	cps
Phosphorus	31-2	2375	2409	2500	2428	2.67	cps
Potassium	39-2	1183334	1216648	1204272	1201418	1.40	cps
Rhodium	103-1	9371922	9479503	9526239	9459221	0.84	cps
Rhodium	103-2	2304001	2317849	2300188	2307346	0.40	cps
Scandium	45-1	5829871	5812610	5889458	5843980	0.69	cps
Scandium	45-2	33366	33794	33570	33577	0.64	cps
Selenium	77-2	203	157	207	189	14.80	cps
Selenium	78-2	665	752	735	717	6.44	cps
Selenium	82-1	50944	50998	51609	51184	0.72	cps
Silicon	28-1	2008706	2056419	2083768	2049631	1.85	cps
Silver	109-1	4105979	4091760	4137102	4111613	0.56	cps
Silver	107-1	4270631	4313146	4332367	4305381	0.73	cps
Sodium	23-2	11576416	11780211	11765311	11707313	0.97	cps
Strontium	86-1	1065936	1081035	1088378	1078450	1.06	cps
Strontium	88-1	9425714	9419782	9427166	9424221	0.04	cps
Sulfur	34-1	601869	607937	610613	606806	0.74	cps
Terbium	159-1	14654684	14496129	14744563	14631792	0.86	cps
Terbium	159-2	2643424	2660382	2595983	2633263	1.27	cps
Thallium	203-1	3650857	3693725	3699138	3681240	0.72	cps
Thallium	205-1	8521382	8731013	8677079	8643158	1.26	cps
Tin	118-1	2904344	2926448	2925667	2918820	0.43	cps
Titanium	47-1	2243661	2263864	2261376	2256301	0.49	cps
Uranium	238-1	12208639	12312496	12246694	12255943	0.43	cps
Vanadium	51-2	211758	211183	214555	212499	0.85	cps
Yttrium	89-1	10737106	10765576	10856731	10786471	0.58	cps
Yttrium	89-2	252511	258438	253243	254731	1.27	cps
Zinc	66-2	88882	90986	89584	89817	1.19	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:50:16	DataFile Name :	077CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5966666	5902825	5981365	5950286	0.70	cps
Zirconium	91-1	1299886	1302223	1313879	1305329	0.57	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	8	31	68.64	cps
Antimony	121-1	12098	11330	9946	11125	9.80	cps
Arsenic	75-2	4	13	9	9	53.95	cps
Barium	135-1	358	208	250	272	28.45	cps
Barium	137-1	558	492	450	500	10.93	cps
Beryllium	9-1	372	356	272	333	16.07	cps
Bismuth	209-1	10337789	10205759	10210212	10251254	0.73	cps
Bismuth	209-2	2497473	2497592	2488071	2494379	0.22	cps
Boron	10-1	3534	3392	3342	3423	2.91	cps
Boron	11-1	16493	15601	14166	15420	7.62	cps
Cadmium	111-1	2136	2047	2026	2069	2.82	cps
Cadmium	106-1	2800	2800	2750	2784	1.04	cps
Cadmium	108-1	29	38	17	28	37.74	cps
Calcium	43-1	700	783	842	775	9.19	cps
Calcium	44-1	19389	18321	17954	18555	4.02	cps
Chromium	52-2	330	383	393	369	9.23	cps
Cobalt	59-2	63	57	50	57	11.76	cps
Copper	63-2	617	597	530	581	7.81	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	50	92	69	30.20	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	108	75	108	97	19.80	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	15530926	15302460	15429878	15421088	0.74	cps
Holmium	165-2	2941973	2937466	2938564	2939334	0.08	cps
Indium	115-1	11707771	11627527	11690164	11675154	0.36	cps
Indium	115-2	379808	383836	379124	380923	0.67	cps
Iron	56-2	3006	3073	2695	2924	6.90	cps
Iron	57-2	89	117	67	91	27.61	cps
Krypton	83-1	303	340	333	326	6.00	cps
Lead	206-1	728	594	617	646	11.05	cps
Lead	207-1	633	706	500	613	17.01	cps
Lead	208-1	2761	2622	2484	2622	5.30	cps
Lithium	6-1	2383042	2325856	2363338	2357412	1.23	cps
Magnesium	24-2	367	417	300	361	16.21	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	30	27	12.51	cps
Molybdenum	94-1	3934	3317	3092	3448	12.64	cps
Molybdenum	95-1	5551	4576	4251	4793	14.12	cps
Molybdenum	96-1	5676	5118	4534	5110	11.18	cps
Molybdenum	97-1	3501	3076	2909	3162	9.65	cps
Molybdenum	98-1	8536	7502	6785	7608	11.57	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	113	87	94	17.41	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	1917	1575	1875	1789	10.42	cps
Rhodium	103-1	10950600	10699830	10907759	10852730	1.24	cps
Rhodium	103-2	2602883	2619922	2605724	2609510	0.35	cps
Scandium	45-1	6357498	6289103	6325180	6323927	0.54	cps
Scandium	45-2	35769	35268	36076	35704	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	49	34	-28	18	226.33	cps
Silicon	28-1	286297	287650	284688	286212	0.52	cps
Silver	109-1	792	592	600	661	17.11	cps
Silver	107-1	742	917	667	775	16.55	cps
Sodium	23-2	5710	5993	5585	5763	3.63	cps
Strontium	86-1	558	542	458	519	10.31	cps
Strontium	88-1	875	833	567	758	22.06	cps
Sulfur	34-1	356525	352258	357898	355560	0.83	cps
Terbium	159-1	15759112	15449089	15748449	15652217	1.12	cps
Terbium	159-2	2771369	2789824	2765552	2775581	0.46	cps
Thallium	203-1	1934	1634	1542	1703	12.03	cps
Thallium	205-1	3809	3626	3567	3667	3.44	cps
Tin	118-1	4126	4251	3792	4056	5.84	cps
Titanium	47-1	417	350	292	353	17.73	cps
Uranium	238-1	858	792	625	758	15.85	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Yttrium	89-1	11911474	11753398	11800428	11821767	0.69	cps
Yttrium	89-2	270502	270154	267913	269523	0.52	cps
Zinc	66-2	50	57	27	44	35.44	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:53:25	DataFile Name :	078CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2542	2125	2050	2239	11.83	cps
Zirconium	91-1	475	517	492	494	4.24	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7953	8219	7369	7847	5.54	cps
Antimony	121-1	6794505	6686513	6628308	6703109	1.26	cps
Arsenic	75-2	52311	52388	52059	52253	0.33	cps
Barium	135-1	430327	435032	425507	430289	1.11	cps
Barium	137-1	764259	755560	757630	759150	0.60	cps
Beryllium	9-1	237879	236992	232950	235940	1.11	cps
Bismuth	209-1	10286266	10783924	10725837	10598676	2.57	cps
Bismuth	209-2	2553065	2526233	2483072	2520790	1.40	cps
Boron	10-1	41126	40734	41686	41182	1.16	cps
Boron	11-1	185627	192244	191730	189867	1.94	cps
Cadmium	111-1	393547	396450	392358	394118	0.53	cps
Cadmium	106-1	37461	38197	37871	37843	0.97	cps
Cadmium	108-1	25282	25742	26117	25714	1.63	cps
Calcium	43-1	145733	141768	142955	143485	1.42	cps
Calcium	44-1	2390979	2368370	2362631	2373993	0.63	cps
Chromium	52-2	240852	238235	236252	238447	0.97	cps
Cobalt	59-2	277248	278696	275562	277169	0.57	cps
Copper	63-2	3006418	2956264	2952617	2971766	1.01	cps
Dysprosium	156-1	336017	336197	333928	335380	0.38	cps
Dysprosium	156-2	5131	5188	5141	5153	0.59	cps
Erbium	164-1	108	125	158	131	19.50	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	233	258	183	225	16.97	cps
Gadolinium	160-2	23	10	30	21	48.24	cps
Holmium	165-1	15400831	16125678	15933681	15820063	2.37	cps
Holmium	165-2	2993622	2967883	2890815	2950774	1.81	cps
Indium	115-1	11291390	11942540	11866022	11699984	3.04	cps
Indium	115-2	371918	366417	360301	366212	1.59	cps
Iron	56-2	1241532	1236498	1216112	1231381	1.09	cps
Iron	57-2	30712	31386	30434	30844	1.59	cps
Krypton	83-1	370	343	280	331	13.96	cps
Lead	206-1	6865226	6812839	6790259	6822774	0.56	cps
Lead	207-1	6150011	6098787	6041873	6096890	0.89	cps
Lead	208-1	27695699	27532981	27511629	27580103	0.37	cps
Lithium	6-1	2331070	2464249	2349577	2381632	3.03	cps
Magnesium	24-2	67738	68465	64723	66975	2.96	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33727	33220	32976	33308	1.15	cps
Molybdenum	94-1	880562	863740	858582	867628	1.32	cps
Molybdenum	95-1	1546408	1548610	1522688	1539235	0.93	cps
Molybdenum	96-1	1655077	1667616	1650340	1657678	0.54	cps
Molybdenum	97-1	947749	947956	940316	945341	0.46	cps
Molybdenum	98-1	2512917	2467506	2461281	2480568	1.14	cps
Neodymium	150-1	67	60	120	82	40.00	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	222708	220568	218342	220539	0.99	cps
Phosphorus	31-2	1700	1675	1433	1603	9.19	cps
Potassium	39-2	106694	103193	103478	104455	1.86	cps
Rhodium	103-1	10662080	11102840	11107747	10957555	2.34	cps
Rhodium	103-2	2655640	2600948	2584892	2613827	1.42	cps
Scandium	45-1	6239523	6504477	6444379	6396126	2.17	cps
Scandium	45-2	35284	34295	33443	34341	2.68	cps
Selenium	77-2	880	903	773	852	8.13	cps
Selenium	78-2	3076	3195	2884	3052	5.15	cps
Selenium	82-1	238494	236936	234427	236619	0.87	cps
Silicon	28-1	7208476	6928112	6789010	6975200	3.06	cps
Silver	109-1	694359	696542	688835	693245	0.57	cps
Silver	107-1	730428	725133	727762	727774	0.36	cps
Sodium	23-2	655308	647724	642161	648398	1.02	cps
Strontium	86-1	526326	519691	513790	519936	1.21	cps
Strontium	88-1	4628597	4529727	4552158	4570161	1.13	cps
Sulfur	34-1	373085	371941	364538	369855	1.25	cps
Terbium	159-1	15565214	16360525	16124208	16016649	2.55	cps
Terbium	159-2	2801043	2775341	2782791	2786392	0.47	cps
Thallium	203-1	16488357	16432942	16399602	16440300	0.27	cps
Thallium	205-1	39546404	39657083	39154699	39452729	0.67	cps
Tin	118-1	6302841	6197855	6158838	6219845	1.20	cps
Titanium	47-1	197251	194253	194979	195494	0.80	cps
Uranium	238-1	492	458	408	453	9.26	cps
Vanadium	51-2	130241	128429	127198	128622	1.19	cps
Yttrium	89-1	11648841	12037586	12019971	11902133	1.84	cps
Yttrium	89-2	267218	262735	261397	263783	1.16	cps
Zinc	66-2	275680	272495	271490	273222	0.80	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-04A	Instrumnet Name :	P8
Client Sample ID :	37-FL1-CR103-W3-S1A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:56:45	DataFile Name :	079SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26586	19064	15744	20465	27.14	cps
Zirconium	91-1	6460	4726	4009	5065	24.88	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	208	225	214	4.50	cps
Antimony	121-1	28281	26995	24899	26725	6.39	cps
Arsenic	75-2	20	24	24	23	9.35	cps
Barium	135-1	31656	30069	30720	30815	2.59	cps
Barium	137-1	55609	54120	54413	54714	1.44	cps
Beryllium	9-1	289	233	278	267	11.02	cps
Bismuth	209-1	10789469	10868067	10833947	10830494	0.36	cps
Bismuth	209-2	2556754	2503296	2493155	2517735	1.36	cps
Boron	10-1	4167	3476	3734	3792	9.22	cps
Boron	11-1	17561	17653	16836	17350	2.58	cps
Cadmium	111-1	2131	1792	1980	1968	8.64	cps
Cadmium	106-1	2867	2450	2700	2673	7.85	cps
Cadmium	108-1	25	33	50	36	35.25	cps
Calcium	43-1	107056	107065	107324	107149	0.14	cps
Calcium	44-1	1847138	1804215	1783503	1811619	1.79	cps
Chromium	52-2	1350	1350	1290	1330	2.60	cps
Cobalt	59-2	933	800	943	892	8.97	cps
Copper	63-2	564559	566661	569664	566961	0.45	cps
Dysprosium	156-1	200	183	150	178	14.32	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	67	67	100	78	24.75	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	167	192	100	153	31.02	cps
Gadolinium	160-2	37	10	17	21	65.74	cps
Holmium	165-1	15986796	16072044	16038624	16032488	0.27	cps
Holmium	165-2	2958949	2932020	2903410	2931460	0.95	cps
Indium	115-1	11822030	12081928	11899343	11934434	1.12	cps
Indium	115-2	374092	364326	367981	368800	1.34	cps
Iron	56-2	24572	23815	24628	24338	1.86	cps
Iron	57-2	539	706	656	633	13.50	cps
Krypton	83-1	267	273	340	293	13.83	cps
Lead	206-1	24324	24224	24764	24437	1.18	cps
Lead	207-1	20974	21363	21163	21166	0.92	cps
Lead	208-1	97862	98218	96952	97677	0.67	cps
Lithium	6-1	2398655	2358687	2384085	2380476	0.85	cps
Magnesium	24-2	23921	23679	24155	23918	0.99	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2127	1907	2187	2074	7.11	cps
Molybdenum	94-1	2184	2150	1759	2031	11.64	cps
Molybdenum	95-1	2567	2334	2242	2381	7.04	cps
Molybdenum	96-1	3034	2284	2709	2675	14.06	cps
Molybdenum	97-1	1383	1642	1275	1433	13.14	cps
Molybdenum	98-1	4126	3901	3784	3937	4.41	cps
Neodymium	150-1	73	60	27	53	45.07	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	10374	10481	10524	10460	0.74	cps
Phosphorus	31-2	150	67	125	114	37.55	cps
Potassium	39-2	6493	6177	6443	6371	2.67	cps
Rhodium	103-1	11106703	11151211	11062539	11106818	0.40	cps
Rhodium	103-2	2608610	2591592	2584892	2595031	0.47	cps
Scandium	45-1	6384341	6333390	6259995	6325909	0.99	cps
Scandium	45-2	34162	33594	33393	33716	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	75	27	-15	29	156.98	cps
Silicon	28-1	3516235	3294703	3301176	3370704	3.74	cps
Silver	109-1	1158	1000	1000	1053	8.68	cps
Silver	107-1	1008	1092	1058	1053	3.99	cps
Sodium	23-2	479136	476163	476598	477299	0.34	cps
Strontium	86-1	48612	48579	47408	48200	1.42	cps
Strontium	88-1	414997	408469	407732	410399	0.97	cps
Sulfur	34-1	359769	356345	355676	357263	0.61	cps
Terbium	159-1	16369177	16402486	16217787	16329817	0.60	cps
Terbium	159-2	2779167	2761444	2766440	2769017	0.33	cps
Thallium	203-1	3059	2717	2709	2828	7.06	cps
Thallium	205-1	6819	6627	6277	6574	4.18	cps
Tin	118-1	480438	475882	483231	479850	0.77	cps
Titanium	47-1	375	375	383	378	1.27	cps
Uranium	238-1	350	367	225	314	24.67	cps
Vanadium	51-2	53	47	50	50	6.66	cps
Yttrium	89-1	11954817	12035119	11923992	11971309	0.48	cps
Yttrium	89-2	261350	258863	257314	259176	0.79	cps
Zinc	66-2	83744	83298	84170	83737	0.52	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-06	Instrumnet Name :	P8
Client Sample ID :	39-FL1-116A-W4-BC1-F2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 18:59:59	DataFile Name :	080SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1934	1667	1900	1834	7.93	cps
Zirconium	91-1	417	400	367	394	6.45	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	58	125	114	44.71	cps
Antimony	121-1	10588	10271	10329	10396	1.62	cps
Arsenic	75-2	15	33	15	21	50.96	cps
Barium	135-1	33552	33402	33510	33488	0.23	cps
Barium	137-1	59502	57609	58388	58500	1.63	cps
Beryllium	9-1	211	172	172	185	12.12	cps
Bismuth	209-1	10810964	10757040	10907444	10825150	0.70	cps
Bismuth	209-2	2533894	2406633	2514012	2484846	2.76	cps
Boron	10-1	2542	2634	2375	2517	5.20	cps
Boron	11-1	11772	11939	11188	11633	3.39	cps
Cadmium	111-1	1835	1949	1743	1842	5.60	cps
Cadmium	106-1	2584	2775	2450	2603	6.28	cps
Cadmium	108-1	75	104	79	86	18.32	cps
Calcium	43-1	108853	107669	109062	108528	0.69	cps
Calcium	44-1	1847252	1799993	1795399	1814215	1.58	cps
Chromium	52-2	1013	1040	960	1005	4.06	cps
Cobalt	59-2	237	217	203	219	7.66	cps
Copper	63-2	3927202	3897577	3848849	3891209	1.02	cps
Dysprosium	156-1	200	92	175	156	36.47	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	58	92	117	89	32.92	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	242	83	83	136	67.16	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	16168257	15991088	16149475	16102940	0.60	cps
Holmium	165-2	2943517	2750464	2880142	2858041	3.44	cps
Indium	115-1	11971895	11946807	11872732	11930478	0.43	cps
Indium	115-2	369766	338571	364360	357566	4.66	cps
Iron	56-2	9281	9209	9109	9200	0.94	cps
Iron	57-2	222	206	139	189	23.35	cps
Krypton	83-1	280	293	323	299	7.42	cps
Lead	206-1	11611	11706	11884	11734	1.18	cps
Lead	207-1	9871	9882	9971	9908	0.55	cps
Lead	208-1	46240	46451	46769	46487	0.57	cps
Lithium	6-1	2380943	2377916	2373017	2377292	0.17	cps
Magnesium	24-2	24530	23303	23170	23668	3.17	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2090	1964	1924	1992	4.37	cps
Molybdenum	94-1	1067	1083	1067	1072	0.90	cps
Molybdenum	95-1	917	975	1000	964	4.44	cps
Molybdenum	96-1	1308	1317	1108	1245	9.48	cps
Molybdenum	97-1	525	583	742	617	18.18	cps
Molybdenum	98-1	1784	1559	1392	1578	12.46	cps
Neodymium	150-1	33	60	33	42	36.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	20175	19881	19297	19784	2.26	cps
Phosphorus	31-2	50	67	67	61	15.75	cps
Potassium	39-2	6285	6794	6602	6560	3.92	cps
Rhodium	103-1	11092229	11076959	10968012	11045733	0.61	cps
Rhodium	103-2	2599451	2387197	2573067	2519905	4.59	cps
Scandium	45-1	6361595	6277135	6268726	6302485	0.81	cps
Scandium	45-2	33336	31025	32862	32408	3.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	53	28	-42	13	377.53	cps
Silicon	28-1	3564757	3532364	3497071	3531397	0.96	cps
Silver	109-1	1000	850	925	925	8.11	cps
Silver	107-1	1008	925	1058	997	6.76	cps
Sodium	23-2	487175	485391	477354	483307	1.08	cps
Strontium	86-1	47802	48136	48453	48130	0.68	cps
Strontium	88-1	425375	418217	415905	419832	1.18	cps
Sulfur	34-1	357913	356505	359220	357879	0.38	cps
Terbium	159-1	16539513	16317961	16471464	16442979	0.69	cps
Terbium	159-2	2783275	2576526	2771662	2710488	4.29	cps
Thallium	203-1	1183	1417	1267	1289	9.17	cps
Thallium	205-1	3084	2984	2975	3014	2.00	cps
Tin	118-1	2084887	2093696	2070654	2083079	0.56	cps
Titanium	47-1	333	442	483	419	18.46	cps
Uranium	238-1	242	217	283	247	13.62	cps
Vanadium	51-2	23	47	50	40	36.33	cps
Yttrium	89-1	11986495	11923180	12053141	11987605	0.54	cps
Yttrium	89-2	259703	239446	255918	251689	4.28	cps
Zinc	66-2	175292	173655	173536	174161	0.56	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-13	Instrumnet Name :	P8
Client Sample ID :	46-FL1-RM116-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:03:18	DataFile Name :	081SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1550	1717	1692	7.74	cps
Zirconium	91-1	225	350	367	314	24.67	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	133	92	39.63	cps
Antimony	121-1	13616	13749	13624	13663	0.55	cps
Arsenic	75-2	22	11	17	17	33.33	cps
Barium	135-1	31689	32240	32257	32062	1.01	cps
Barium	137-1	55384	55049	56061	55498	0.93	cps
Beryllium	9-1	228	189	128	181	27.78	cps
Bismuth	209-1	10812020	10729461	9784168	10441883	5.47	cps
Bismuth	209-2	2493186	2509725	2501491	2501468	0.33	cps
Boron	10-1	1909	2259	2134	2100	8.45	cps
Boron	11-1	9895	9570	10129	9865	2.84	cps
Cadmium	111-1	1894	1593	1777	1755	8.65	cps
Cadmium	106-1	2809	2442	2692	2648	7.08	cps
Cadmium	108-1	192	238	279	236	18.54	cps
Calcium	43-1	109020	109358	108450	108943	0.42	cps
Calcium	44-1	1852263	1828747	1826674	1835894	0.77	cps
Chromium	52-2	467	493	400	453	10.60	cps
Cobalt	59-2	907	913	933	918	1.51	cps
Copper	63-2	956953	946776	947795	950508	0.59	cps
Dysprosium	156-1	67	100	117	94	26.96	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	67	92	100	86	20.14	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	15903921	15916570	14713286	15511259	4.46	cps
Holmium	165-2	2851646	2930041	2910686	2897458	1.41	cps
Indium	115-1	11983326	11741765	10956915	11560669	4.64	cps
Indium	115-2	365409	365542	360255	363735	0.83	cps
Iron	56-2	8236	7625	7374	7745	5.72	cps
Iron	57-2	300	194	222	239	22.90	cps
Krypton	83-1	320	273	303	299	7.91	cps
Lead	206-1	60745	62107	60243	61032	1.58	cps
Lead	207-1	52626	52588	51851	52355	0.83	cps
Lead	208-1	242090	243772	238978	241614	1.01	cps
Lithium	6-1	2389144	2356307	2209439	2318297	4.13	cps
Magnesium	24-2	24113	24046	23629	23929	1.10	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1930	1997	1740	1889	7.05	cps
Molybdenum	94-1	1367	1142	1233	1247	9.07	cps
Molybdenum	95-1	842	825	792	820	3.11	cps
Molybdenum	96-1	1317	1017	1300	1211	13.92	cps
Molybdenum	97-1	500	633	700	611	16.66	cps
Molybdenum	98-1	1600	1400	1583	1528	7.26	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	649241	637400	638665	641769	1.01	cps
Phosphorus	31-2	17	17	33	22	43.28	cps
Potassium	39-2	6960	6627	6510	6699	3.49	cps
Rhodium	103-1	11159864	10933931	10075817	10723204	5.33	cps
Rhodium	103-2	2581056	2546486	2521216	2549586	1.18	cps
Scandium	45-1	6269221	6239071	5714517	6074270	5.14	cps
Scandium	45-2	32832	33099	32842	32924	0.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-13	24	10	7	255.08	cps
Silicon	28-1	3421243	3365885	3354893	3380673	1.05	cps
Silver	109-1	1692	1642	1634	1656	1.91	cps
Silver	107-1	1609	1709	1784	1700	5.16	cps
Sodium	23-2	477602	472955	476171	475576	0.50	cps
Strontium	86-1	47994	48914	47952	48286	1.13	cps
Strontium	88-1	427079	418241	419546	421622	1.13	cps
Sulfur	34-1	361690	364705	361601	362665	0.49	cps
Terbium	159-1	16498424	16115914	14931867	15848735	5.15	cps
Terbium	159-2	2744565	2755762	2724985	2741770	0.57	cps
Thallium	203-1	1017	1050	1233	1100	10.61	cps
Thallium	205-1	2784	2700	2700	2728	1.76	cps
Tin	118-1	825476	815803	829077	823452	0.83	cps
Titanium	47-1	450	342	225	339	33.21	cps
Uranium	238-1	133	108	133	125	11.55	cps
Vanadium	51-2	37	30	23	30	22.23	cps
Yttrium	89-1	12080544	11772405	10832282	11561744	5.62	cps
Yttrium	89-2	257363	256145	253933	255814	0.68	cps
Zinc	66-2	659600	652236	650573	654136	0.73	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-21	Instrumnet Name :	P8
Client Sample ID :	54-FL1-CR119-119B-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:06:36	DataFile Name :	082SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1642	1750	1659	1684	3.47	cps
Zirconium	91-1	400	383	367	383	4.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	92	122	21.92	cps
Antimony	121-1	13491	14358	13808	13886	3.16	cps
Arsenic	75-2	28	43	22	31	34.12	cps
Barium	135-1	34889	35716	34446	35017	1.84	cps
Barium	137-1	60330	61820	59987	60712	1.61	cps
Beryllium	9-1	89	111	122	107	15.80	cps
Bismuth	209-1	10984639	9987967	10591371	10521325	4.77	cps
Bismuth	209-2	2510929	2475690	2481360	2489326	0.76	cps
Boron	10-1	2217	2175	2334	2242	3.66	cps
Boron	11-1	10262	10304	9837	10135	2.55	cps
Cadmium	111-1	2041	1794	1830	1888	7.06	cps
Cadmium	106-1	2867	2475	2492	2612	8.48	cps
Cadmium	108-1	113	79	63	85	30.05	cps
Calcium	43-1	109215	108828	109096	109046	0.18	cps
Calcium	44-1	1828306	1849116	1809491	1828971	1.08	cps
Chromium	52-2	553	577	527	552	4.53	cps
Cobalt	59-2	277	237	280	264	9.12	cps
Copper	63-2	3148128	3174997	3128114	3150413	0.75	cps
Dysprosium	156-1	150	133	183	156	16.37	cps
Dysprosium	156-2	10	17	20	16	32.73	cps
Erbium	164-1	92	142	67	100	38.19	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	150	125	117	131	13.29	cps
Gadolinium	160-2	20	30	40	30	33.33	cps
Holmium	165-1	16191692	14545029	15757585	15498102	5.51	cps
Holmium	165-2	2908203	2890689	2898503	2899132	0.30	cps
Indium	115-1	12040766	10898772	11532645	11490728	4.98	cps
Indium	115-2	359063	356527	359618	358403	0.46	cps
Iron	56-2	17064	16388	15426	16292	5.05	cps
Iron	57-2	461	528	389	459	15.13	cps
Krypton	83-1	267	257	397	307	25.47	cps
Lead	206-1	21463	21758	21625	21615	0.68	cps
Lead	207-1	18703	17819	18291	18271	2.42	cps
Lead	208-1	85420	84389	85348	85052	0.68	cps
Lithium	6-1	2405673	2211150	2328389	2315071	4.23	cps
Magnesium	24-2	25023	24021	23278	24107	3.63	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3587	3527	3504	3539	1.21	cps
Molybdenum	94-1	1067	958	1008	1011	5.36	cps
Molybdenum	95-1	583	542	592	572	4.68	cps
Molybdenum	96-1	792	967	908	889	10.03	cps
Molybdenum	97-1	392	350	425	389	9.66	cps
Molybdenum	98-1	917	867	892	892	2.80	cps
Neodymium	150-1	107	107	93	102	7.53	cps
Neodymium	150-2	3	0	23	9	142.00	cps
Nickel	60-2	644146	642732	638787	641888	0.43	cps
Phosphorus	31-2	50	42	42	44	10.82	cps
Potassium	39-2	6377	6593	6393	6455	1.87	cps
Rhodium	103-1	11092509	10061504	10744339	10632784	4.93	cps
Rhodium	103-2	2554071	2555699	2543076	2550949	0.27	cps
Scandium	45-1	6350729	5779614	6105995	6078780	4.71	cps
Scandium	45-2	33216	32665	32932	32938	0.84	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	23	71	-110	-5	-1726.97	cps
Silicon	28-1	3659081	3624762	3629118	3637654	0.51	cps
Silver	109-1	1008	1042	1308	1120	14.69	cps
Silver	107-1	1133	1167	1250	1183	5.08	cps
Sodium	23-2	482653	482909	477788	481117	0.60	cps
Strontium	86-1	50402	50176	49223	49934	1.25	cps
Strontium	88-1	435126	430424	425929	430493	1.07	cps
Sulfur	34-1	369229	363098	364435	365587	0.88	cps
Terbium	159-1	16435438	14917705	15962378	15771840	4.92	cps
Terbium	159-2	2741493	2719134	2731163	2730596	0.41	cps
Thallium	203-1	1083	1000	1092	1058	4.79	cps
Thallium	205-1	2400	2592	2500	2498	3.84	cps
Tin	118-1	3109798	3146846	3092687	3116443	0.89	cps
Titanium	47-1	608	450	533	531	14.93	cps
Uranium	238-1	292	392	500	394	26.42	cps
Vanadium	51-2	20	17	27	21	24.12	cps
Yttrium	89-1	12111917	10911314	11616239	11546490	5.23	cps
Yttrium	89-2	252829	251174	254751	252918	0.71	cps
Zinc	66-2	228622	227500	225865	227329	0.61	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-22	Instrumnet Name :	P8
Client Sample ID :	55-FL1-CR119-119A-W4-	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:09:55	DataFile Name :	083SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2067	1975	2034	2025	2.29	cps
Zirconium	91-1	433	467	425	442	4.99	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	117	100	16.66	cps
Antimony	121-1	4618	5001	4751	4790	4.06	cps
Arsenic	75-2	35	24	20	27	29.06	cps
Barium	135-1	31622	31372	31371	31455	0.46	cps
Barium	137-1	54087	54781	54488	54452	0.64	cps
Beryllium	9-1	111	139	150	133	15.02	cps
Bismuth	209-1	10612745	10718252	10552305	10627768	0.79	cps
Bismuth	209-2	2469615	2462879	2473955	2468816	0.23	cps
Boron	10-1	1767	1809	1950	1842	5.22	cps
Boron	11-1	8069	8161	7886	8039	1.74	cps
Cadmium	111-1	1811	1849	1857	1839	1.33	cps
Cadmium	106-1	2542	2559	2617	2573	1.53	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	104587	105452	106066	105368	0.70	cps
Calcium	44-1	1789090	1778389	1793532	1787003	0.44	cps
Chromium	52-2	453	490	513	486	6.23	cps
Cobalt	59-2	73	80	70	74	6.84	cps
Copper	63-2	852272	849403	841439	847705	0.66	cps
Dysprosium	156-1	125	100	100	108	13.33	cps
Dysprosium	156-2	20	20	0	13	86.60	cps
Erbium	164-1	108	75	100	94	18.37	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	158	133	142	144	8.81	cps
Gadolinium	160-2	20	17	7	14	48.02	cps
Holmium	165-1	15559545	15771420	15754694	15695219	0.75	cps
Holmium	165-2	2858544	2852230	2815417	2842064	0.82	cps
Indium	115-1	11530604	11667932	11564205	11587580	0.62	cps
Indium	115-2	357640	354745	356721	356369	0.42	cps
Iron	56-2	12929	12645	12695	12756	1.19	cps
Iron	57-2	350	317	289	319	9.61	cps
Krypton	83-1	303	347	230	293	20.10	cps
Lead	206-1	5368	5668	5474	5503	2.77	cps
Lead	207-1	4590	4929	4395	4638	5.82	cps
Lead	208-1	21035	21647	21130	21271	1.55	cps
Lithium	6-1	2278923	2341603	2279197	2299908	1.57	cps
Magnesium	24-2	24121	23337	22961	23473	2.52	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1827	1817	1894	1846	2.26	cps
Molybdenum	94-1	875	917	817	870	5.78	cps
Molybdenum	95-1	425	367	675	489	33.50	cps
Molybdenum	96-1	750	942	575	756	24.27	cps
Molybdenum	97-1	317	292	242	283	13.48	cps
Molybdenum	98-1	833	617	808	753	15.75	cps
Neodymium	150-1	40	33	40	38	10.18	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	13413	13690	13397	13500	1.22	cps
Phosphorus	31-2	133	192	142	156	20.28	cps
Potassium	39-2	6385	6593	6177	6385	3.26	cps
Rhodium	103-1	10646605	10938343	10692103	10759017	1.46	cps
Rhodium	103-2	2519632	2495127	2528616	2514458	0.69	cps
Scandium	45-1	6131371	6184328	6121270	6145656	0.55	cps
Scandium	45-2	33346	32324	32929	32866	1.56	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-17	-61	93	5	1591.05	cps
Silicon	28-1	3291058	3295243	3349791	3312031	0.99	cps
Silver	109-1	567	825	842	745	20.71	cps
Silver	107-1	642	742	667	683	7.62	cps
Sodium	23-2	478372	474122	472282	474925	0.66	cps
Strontium	86-1	45995	47241	47082	46773	1.45	cps
Strontium	88-1	400659	407940	412130	406910	1.43	cps
Sulfur	34-1	361729	359905	362120	361251	0.33	cps
Terbium	159-1	15827497	16033289	15914068	15924951	0.65	cps
Terbium	159-2	2708128	2682506	2677093	2689242	0.62	cps
Thallium	203-1	408	600	675	561	24.51	cps
Thallium	205-1	1525	1583	1450	1520	4.40	cps
Tin	118-1	223239	221749	225598	223528	0.87	cps
Titanium	47-1	642	458	725	608	22.43	cps
Uranium	238-1	192	292	258	247	20.59	cps
Vanadium	51-2	53	40	50	48	14.52	cps
Yttrium	89-1	11498554	11728716	11610066	11612445	0.99	cps
Yttrium	89-2	250458	249741	249841	250013	0.16	cps
Zinc	66-2	19581	19260	19067	19303	1.35	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-23	Instrumnet Name :	P8
Client Sample ID :	56-FL1-CR120-W4-S1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:13:12	DataFile Name :	084SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1700	1750	1559	1670	5.96	cps
Zirconium	91-1	450	467	317	411	20.00	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	150	192	189	19.89	cps
Antimony	121-1	9754	9546	10021	9773	2.44	cps
Arsenic	75-2	41	31	44	39	17.17	cps
Barium	135-1	34095	33828	35022	34315	1.83	cps
Barium	137-1	61126	61570	61410	61369	0.37	cps
Beryllium	9-1	144	144	100	130	19.80	cps
Bismuth	209-1	10693252	10789457	10596388	10693032	0.90	cps
Bismuth	209-2	2503602	2397422	2381483	2427502	2.73	cps
Boron	10-1	1875	1809	1809	1831	2.10	cps
Boron	11-1	7619	8553	8144	8105	5.78	cps
Cadmium	111-1	2363	2213	1923	2166	10.34	cps
Cadmium	106-1	3434	3334	2759	3176	11.47	cps
Cadmium	108-1	463	542	458	488	9.63	cps
Calcium	43-1	135675	135229	133706	134870	0.77	cps
Calcium	44-1	2301732	2277752	2267415	2282300	0.77	cps
Chromium	52-2	973	963	993	977	1.56	cps
Cobalt	59-2	847	933	850	877	5.60	cps
Copper	63-2	9875715	9803026	9815092	9831278	0.40	cps
Dysprosium	156-1	125	75	167	122	37.55	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	17	3	17	12	63.01	cps
Gadolinium	160-1	117	158	183	153	22.04	cps
Gadolinium	160-2	30	20	27	26	19.92	cps
Holmium	165-1	15785978	15922838	15625355	15778057	0.94	cps
Holmium	165-2	2900562	2805762	2785218	2830514	2.17	cps
Indium	115-1	11491283	11526792	11430317	11482798	0.42	cps
Indium	115-2	344652	334065	329341	336019	2.33	cps
Iron	56-2	19692	20293	19703	19896	1.73	cps
Iron	57-2	450	467	544	487	10.35	cps
Krypton	83-1	317	240	330	296	16.43	cps
Lead	206-1	395976	400645	393771	396797	0.88	cps
Lead	207-1	340326	339385	336814	338842	0.54	cps
Lead	208-1	1578247	1578974	1565570	1574263	0.48	cps
Lithium	6-1	2345627	2384259	2330167	2353351	1.18	cps
Magnesium	24-2	27527	27469	27336	27444	0.36	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1503	1447	1513	1488	2.42	cps
Molybdenum	94-1	1158	900	917	992	14.58	cps
Molybdenum	95-1	350	317	417	361	14.10	cps
Molybdenum	96-1	583	700	650	644	9.08	cps
Molybdenum	97-1	258	208	217	228	11.76	cps
Molybdenum	98-1	667	708	617	664	6.91	cps
Neodymium	150-1	80	127	73	93	31.13	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	131396	131110	131688	131398	0.22	cps
Phosphorus	31-2	50	33	25	36	35.25	cps
Potassium	39-2	14116	14149	14049	14105	0.36	cps
Rhodium	103-1	10823865	10975760	10818333	10872653	0.82	cps
Rhodium	103-2	2540748	2455988	2407061	2467932	2.74	cps
Scandium	45-1	6210762	6240130	6216421	6222438	0.25	cps
Scandium	45-2	33206	31983	31198	32129	3.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-19	124	-23	27	304.78	cps
Silicon	28-1	3426529	3387528	3442481	3418846	0.83	cps
Silver	109-1	2509	2375	2667	2517	5.80	cps
Silver	107-1	3242	2900	3109	3084	5.58	cps
Sodium	23-2	632030	628049	627368	629149	0.40	cps
Strontium	86-1	57112	56133	56100	56448	1.02	cps
Strontium	88-1	489391	480974	485672	485346	0.87	cps
Sulfur	34-1	377776	375242	375712	376243	0.36	cps
Terbium	159-1	16024827	16225611	16046568	16099002	0.68	cps
Terbium	159-2	2720180	2618680	2612666	2650509	2.28	cps
Thallium	203-1	2050	1900	1934	1961	4.02	cps
Thallium	205-1	4659	5101	4809	4857	4.63	cps
Tin	118-1	12477097	12588176	12429745	12498339	0.65	cps
Titanium	47-1	508	500	617	542	12.02	cps
Uranium	238-1	133	192	167	164	17.86	cps
Vanadium	51-2	43	40	57	47	18.90	cps
Yttrium	89-1	11719070	11716461	11651674	11695735	0.33	cps
Yttrium	89-2	252404	244831	240626	245954	2.43	cps
Zinc	66-2	1446765	1435441	1431942	1438049	0.54	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	J3995-27	Instrumnet Name :	P8
Client Sample ID :	60-FL1-CR121-RJ-W4-C	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:16:31	DataFile Name :	085SMPL_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2459	2525	2125	2370	9.04	cps
Zirconium	91-1	475	633	542	550	14.45	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196120	195587	198147	196618	0.69	cps
Antimony	121-1	3863495	3911433	3928575	3901168	0.86	cps
Arsenic	75-2	30326	30521	30678	30508	0.58	cps
Barium	135-1	4428636	4420672	4458802	4436037	0.45	cps
Barium	137-1	7653601	7640970	7629379	7641317	0.16	cps
Beryllium	9-1	514303	518538	518610	517150	0.48	cps
Bismuth	209-1	9125148	9091928	9006560	9074545	0.67	cps
Bismuth	209-2	2198431	2155519	2168138	2174029	1.01	cps
Boron	10-1	57508	59282	60235	59008	2.35	cps
Boron	11-1	267474	275054	279778	274102	2.26	cps
Cadmium	111-1	832332	836627	833659	834206	0.26	cps
Cadmium	106-1	90176	91207	89387	90256	1.01	cps
Cadmium	108-1	60598	59932	60485	60339	0.59	cps
Calcium	43-1	4243972	4274742	4307333	4275349	0.74	cps
Calcium	44-1	69562889	69622522	69888683	69691365	0.25	cps
Chromium	52-2	285133	285077	287739	285983	0.53	cps
Cobalt	59-2	631888	626675	630568	629710	0.43	cps
Copper	63-2	1080234	1083640	1088453	1084109	0.38	cps
Dysprosium	156-1	108	183	92	128	38.21	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	83	92	133	103	26.06	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	14334102	14195864	14158695	14229554	0.65	cps
Holmium	165-2	2717369	2688690	2691241	2699100	0.59	cps
Indium	115-1	10197444	10211556	10188753	10199251	0.11	cps
Indium	115-2	338394	332551	335930	335625	0.87	cps
Iron	56-2	46761411	46596733	46981105	46779750	0.41	cps
Iron	57-2	1165804	1164646	1178558	1169669	0.66	cps
Krypton	83-1	307	327	380	338	11.22	cps
Lead	206-1	2979509	2960944	2957472	2965975	0.40	cps
Lead	207-1	2705212	2700903	2714962	2707026	0.27	cps
Lead	208-1	12057797	12082535	12087779	12076037	0.13	cps
Lithium	6-1	2048388	2113875	2078084	2080116	1.58	cps
Magnesium	24-2	5020127	4967595	4976761	4988161	0.56	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	145619	146714	148092	146808	0.84	cps
Molybdenum	94-1	6931209	6929258	7004938	6955135	0.62	cps
Molybdenum	95-1	8543543	8519654	8551236	8538145	0.19	cps
Molybdenum	96-1	9496765	9538163	9622706	9552545	0.67	cps
Molybdenum	97-1	5378608	5458493	5512982	5450028	1.24	cps
Molybdenum	98-1	13671528	13824750	13764023	13753434	0.56	cps
Neodymium	150-1	307	253	160	240	30.93	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	187575	189379	189128	188694	0.52	cps
Phosphorus	31-2	2359	2425	2592	2459	4.89	cps
Potassium	39-2	1156269	1150855	1158715	1155280	0.35	cps
Rhodium	103-1	9292676	9243809	9386827	9307771	0.78	cps
Rhodium	103-2	2261998	2249005	2232082	2247695	0.67	cps
Scandium	45-1	5748727	5707782	5751461	5735990	0.43	cps
Scandium	45-2	32905	32284	32424	32538	1.00	cps
Selenium	77-2	187	167	210	188	11.55	cps
Selenium	78-2	680	735	694	703	4.09	cps
Selenium	82-1	49878	49812	49942	49877	0.13	cps
Silicon	28-1	1974956	1986509	2034705	1998723	1.59	cps
Silver	109-1	4023775	4058537	4074362	4052225	0.64	cps
Silver	107-1	4169927	4225334	4226456	4207239	0.77	cps
Sodium	23-2	11283378	11240391	11386367	11303379	0.66	cps
Strontium	86-1	1055161	1058679	1064012	1059284	0.42	cps
Strontium	88-1	9222177	9216317	9254269	9230921	0.22	cps
Sulfur	34-1	592288	596870	595414	594857	0.39	cps
Terbium	159-1	14570930	14496107	14428460	14498499	0.49	cps
Terbium	159-2	2568683	2558890	2544006	2557193	0.49	cps
Thallium	203-1	3652755	3625985	3625372	3634704	0.43	cps
Thallium	205-1	8538380	8612005	8510668	8553685	0.61	cps
Tin	118-1	2863491	2904465	2862820	2876926	0.83	cps
Titanium	47-1	2185618	2187440	2181404	2184821	0.14	cps
Uranium	238-1	12137058	12106937	12246969	12163655	0.61	cps
Vanadium	51-2	204026	202261	204655	203647	0.61	cps
Yttrium	89-1	10668420	10636874	10612354	10639216	0.26	cps
Yttrium	89-2	246293	242308	244752	244451	0.82	cps
Zinc	66-2	86427	86541	87701	86890	0.81	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:19:48	DataFile Name :	086CCV_P8071618-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5836870	5854990	5873827	5855229	0.32	cps
Zirconium	91-1	1281601	1285122	1283044	1283256	0.14	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	25	28	17.31	cps
Antimony	121-1	9412	8186	7469	8356	11.76	cps
Arsenic	75-2	13	2	7	7	75.00	cps
Barium	135-1	242	275	183	233	19.89	cps
Barium	137-1	283	267	342	297	13.25	cps
Beryllium	9-1	300	300	317	306	3.15	cps
Bismuth	209-1	10105870	10145308	10132982	10128053	0.20	cps
Bismuth	209-2	2388300	2433474	2420192	2413989	0.96	cps
Boron	10-1	3000	2459	2617	2692	10.35	cps
Boron	11-1	13332	12222	11063	12206	9.29	cps
Cadmium	111-1	1944	1904	1824	1891	3.23	cps
Cadmium	106-1	2592	2642	2475	2570	3.33	cps
Cadmium	108-1	29	29	13	24	40.76	cps
Calcium	43-1	600	642	792	678	14.87	cps
Calcium	44-1	18021	17996	18321	18113	1.00	cps
Chromium	52-2	380	357	400	379	5.72	cps
Cobalt	59-2	53	43	33	43	23.08	cps
Copper	63-2	737	657	600	664	10.33	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	125	125	75	108	26.65	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	15184426	15045589	15004818	15078278	0.62	cps
Holmium	165-2	2793591	2834910	2840596	2823032	0.91	cps
Indium	115-1	11332093	11490919	11358659	11393891	0.75	cps
Indium	115-2	361004	365605	366160	364256	0.78	cps
Iron	56-2	2812	2528	2311	2550	9.83	cps
Iron	57-2	128	72	89	96	29.61	cps
Krypton	83-1	287	357	307	317	11.39	cps
Lead	206-1	378	461	450	430	10.53	cps
Lead	207-1	472	406	367	415	12.87	cps
Lead	208-1	1833	1900	1800	1845	2.76	cps
Lithium	6-1	2284918	2302617	2301561	2296365	0.43	cps
Magnesium	24-2	350	392	325	356	9.47	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	10	27	54.49	cps
Molybdenum	94-1	3176	2734	2717	2875	9.04	cps
Molybdenum	95-1	4167	3734	3417	3773	9.98	cps
Molybdenum	96-1	5076	4293	3676	4348	16.14	cps
Molybdenum	97-1	2709	2567	2217	2498	10.14	cps
Molybdenum	98-1	6735	5885	5476	6032	10.65	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	80	93	89	8.66	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1817	1584	1600	1667	7.81	cps
Rhodium	103-1	10620229	10643635	10605583	10623149	0.18	cps
Rhodium	103-2	2460174	2535534	2522976	2506228	1.61	cps
Scandium	45-1	6166754	6167899	6138436	6157696	0.27	cps
Scandium	45-2	33510	34376	33500	33795	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	20	-16	-5	-1	-2919.70	cps
Silicon	28-1	293431	292093	287042	290856	1.16	cps
Silver	109-1	625	600	442	556	17.90	cps
Silver	107-1	667	642	567	625	8.33	cps
Sodium	23-2	5126	5260	5301	5229	1.75	cps
Strontium	86-1	683	492	475	550	21.05	cps
Strontium	88-1	708	558	567	611	13.79	cps
Sulfur	34-1	348223	350195	349575	349331	0.29	cps
Terbium	159-1	15456456	15413411	15199169	15356345	0.90	cps
Terbium	159-2	2617160	2716770	2675754	2669895	1.88	cps
Thallium	203-1	1283	1042	783	1036	24.13	cps
Thallium	205-1	2625	2275	2234	2378	9.05	cps
Tin	118-1	5118	4659	4485	4754	6.88	cps
Titanium	47-1	292	175	258	242	24.87	cps
Uranium	238-1	592	733	633	653	11.15	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	11509987	11577352	11405124	11497488	0.75	cps
Yttrium	89-2	255615	260030	259870	258505	0.97	cps
Zinc	66-2	83	73	83	80	7.22	cps

LB Number :	LB96682	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-16 19:22:58	DataFile Name :	087CCBE_P8071618-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1859	1959	1842	1886	3.35	cps
Zirconium	91-1	483	367	375	408	15.94	cps