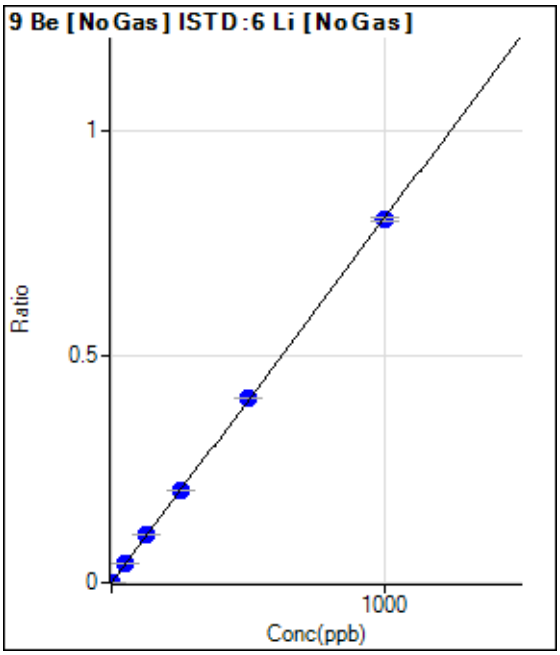
Batch Folder: D:\ICP-MS Data\P7073118-MS .b\
Analysis File: P7073118-MS .batch.bin
DA Date-Time: 2018-07-31 16:57:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

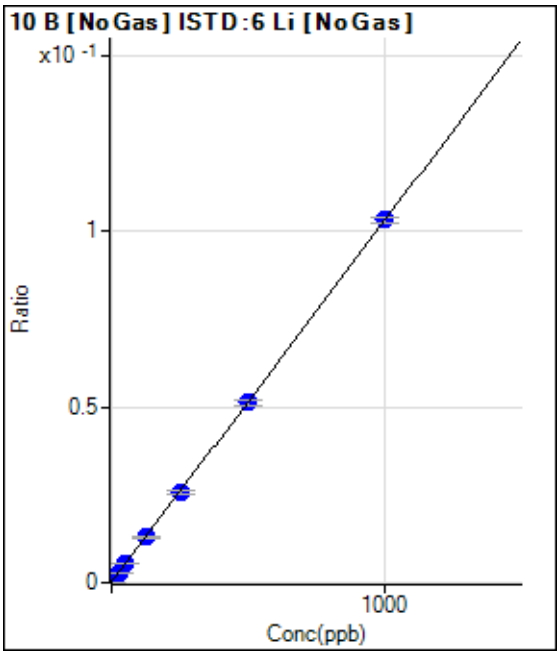
Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-31 12:09:13
2			
3	005CALS.d	S02	2018-07-31 12:17:22
4	006CALS.d	S03	2018-07-31 12:21:15
5	007CALS.d	S04	2018-07-31 12:25:21
6	008CALS.d	S05	2018-07-31 12:29:08
7	009CALS.d	S06	2018-07-31 12:32:55
8	010CALS.d	S07	2018-07-31 12:36:38
9	011CALS.d	S08	2018-07-31 12:40:22



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0000	P	65.1
2	☐	0.100					
3	☐	1.000	1.069	2022.41	0.0009	P	6.4
4	☐	50.000	53.020	99085.00	0.0427	P	0.1
5	☐	125.000	131.611	240315.16	0.1060	P	0.4
6	☐	250.000	254.713	459932.05	0.2052	P	0.3
7	☐	500.000	505.422	880573.58	0.4071	P	0.4
8	☐	1000.000	995.133	1690583.91	0.8015	P	1.1
9	☐			379.65	0.0002	P	20.3

y = 8.0543E-004 * x + 1.0914E-005
R = 1.0000
DL = 0.02648
BEC = 0.01355

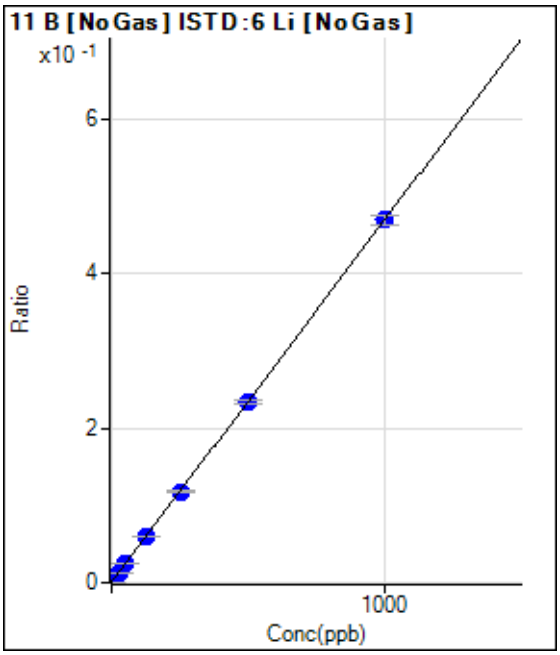
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0001	P	22.2
2	☐	2.500					
3	☐	25.000	23.486	5868.05	0.0025	P	4.3
4	☐	50.000	50.270	12266.61	0.0053	P	1.9
5	☐	125.000	125.302	29507.46	0.0130	P	2.9
6	☐	250.000	248.634	57649.79	0.0257	P	2.7
7	☐	500.000	496.234	110798.61	0.0512	P	2.3
8	☐	1000.000	1002.211	217966.84	0.1033	P	1.9
9	☐			7460.45	0.0035	P	7.1

y = 1.0300E-004 * x + 1.1019E-004
R = 1.0000
DL = 0.7112
BEC = 1.07

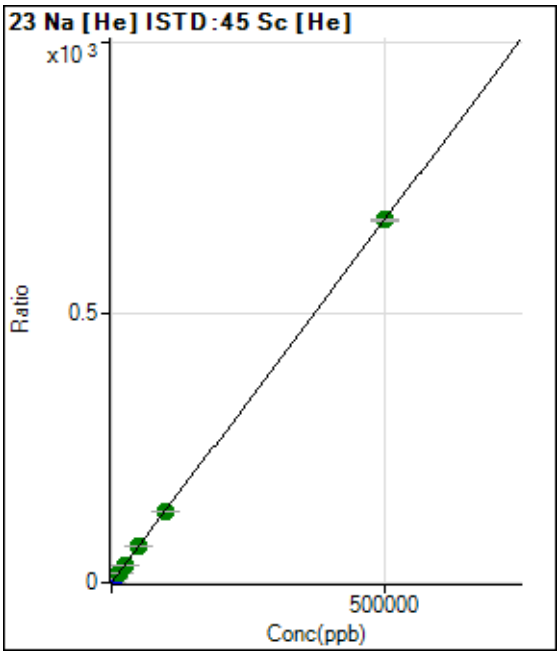
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1069.53	0.0005	P	8.7
2	☐	2.500					
3	☐	25.000	24.421	27617.72	0.0119	P	2.7
4	☐	50.000	50.835	56341.88	0.0243	P	0.9
5	☐	125.000	126.083	135049.00	0.0596	P	1.5
6	☐	250.000	250.889	264714.49	0.1181	P	2.1
7	☐	500.000	498.487	506602.80	0.2342	P	2.0
8	☐	1000.000	1000.371	990388.27	0.4695	P	2.3
9	☐			33190.28	0.0157	P	9.0

y = 4.6892E-004 * x + 4.5113E-004
R = 1.0000
DL = 0.25
BEC = 0.9621

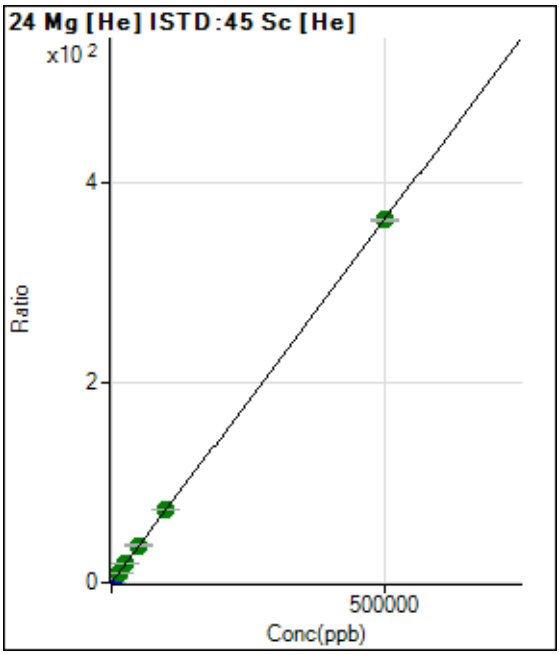
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8919.60	0.0285	P	1.1
2	☐	50.000					
3	☐	500.000	485.428	215114.88	0.6809	P	0.6
4	☐	5000.000	5027.406	2086599.24	6.7856	P	0.3
5	☐	12500.000	12659.816	5046875.64	17.0441	A	0.7
6	☐	25000.000	25113.769	9823849.78	33.7831	A	0.4
7	☐	50000.000	50625.577	19564428.56	68.0728	A	0.8
8	☐	100000.00	98630.771	38621230.03	132.5952	A	0.3
9	☐	500000.00	500201.34	189498248.6	672.3344	A	0.9

y = 0.0013 * x + 0.0285
R = 1.0000
DL = 0.7045
BEC = 21.17

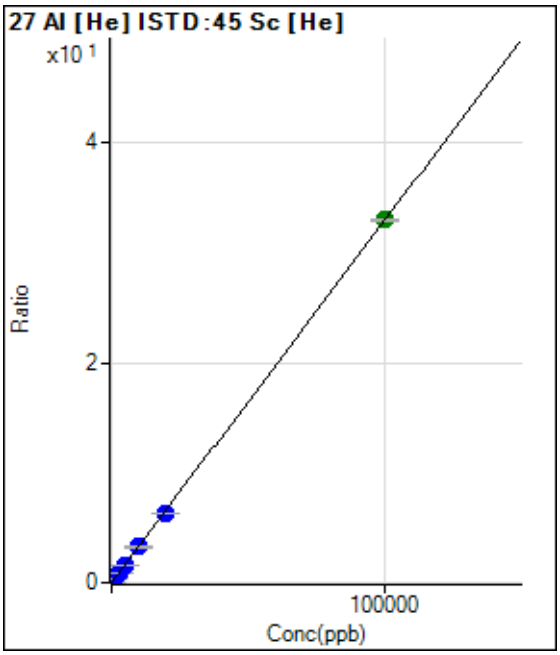
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0003	P	24.6
2	☐	50.000					
3	☐	500.000	478.641	109959.37	0.3480	P	0.5
4	☐	5000.000	5147.390	1150180.81	3.7404	P	0.9
5	☐	12500.000	12957.016	2787837.10	9.4150	A	0.8
6	☐	25000.000	25765.231	5444129.94	18.7217	A	0.4
7	☐	50000.000	51511.542	10757029.32	37.4293	A	1.3
8	☐	100000.00	100019.28	21168476.86	72.6758	A	0.0
9	☐	500000.00	499793.85	102359215.4	363.1580	A	0.7

y = 7.2661E-004 * x + 2.5732E-004
R = 1.0000
DL = 0.2609
BEC = 0.3541

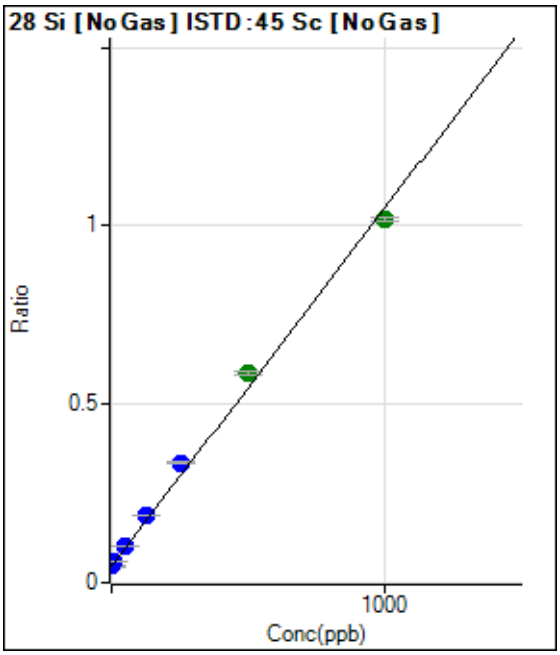
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	75.5
2	☐	2.000					
3	☐	20.000	20.679	2186.37	0.0069	P	5.0
4	☐	1000.000	999.365	101280.56	0.3294	P	0.2
5	☐	2500.000	2505.335	244445.92	0.8255	P	1.1
6	☐	5000.000	4907.811	470234.32	1.6171	P	0.5
7	☐	10000.000	9857.807	933446.74	3.2479	P	1.2
8	☐	20000.000	19048.498	1828029.79	6.2760	P	0.6
9	☐	100000.00	100209.00	9305660.28	33.0157	A	0.5

y = 3.2947E-004 * x + 1.0641E-004
R = 0.9999
DL = 0.7312
BEC = 0.323

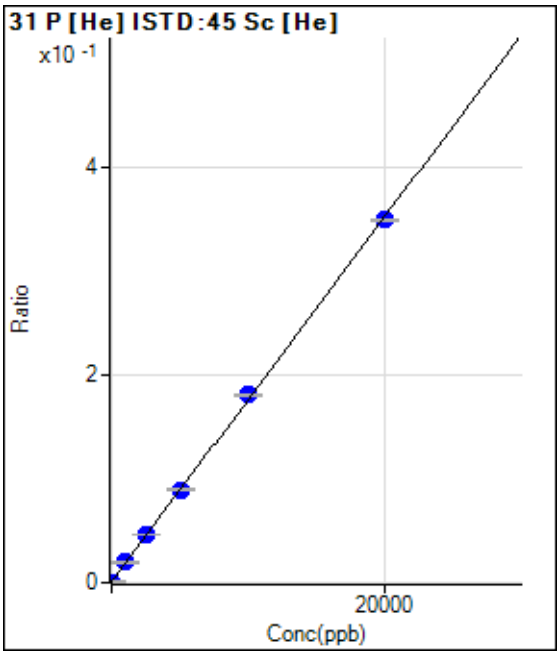
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305685.57	0.0458	P	0.6
2	☐	1.000					
3	☐	10.000	13.364	383944.44	0.0592	P	0.5
4	☐	50.000	55.338	644041.90	0.1013	P	0.9
5	☐	125.000	140.782	1165834.40	0.1869	P	1.0
6	☐	250.000	288.537	2009501.56	0.3350	P	1.2
7	☐	500.000	539.884	3475630.98	0.5870	A	1.0
8	☐	1000.000	968.151	6013813.37	1.0162	A	1.1
9	☐			989111.45	0.1735	P	2.3

y = 0.0010 * x + 0.0458
R = 0.9979
DL = 0.7756
BEC = 45.74

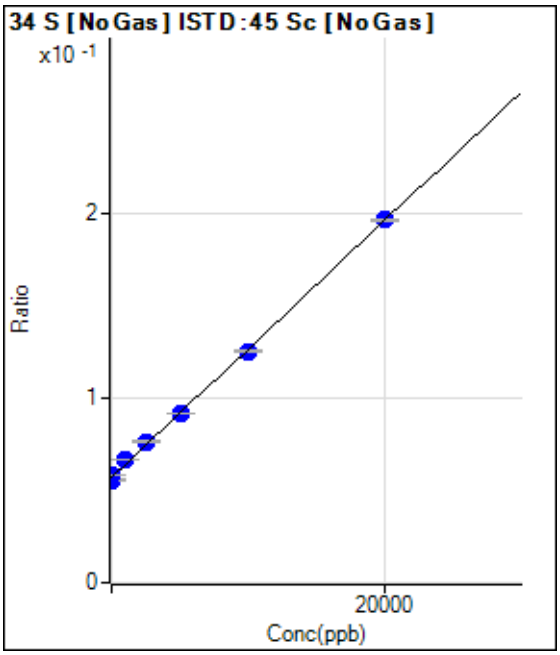
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.800	233.34	0.0007	P	27.4
2	☐	0.000					
3	☐	0.000	4.800	288.90	0.0009	P	28.2
4	☐	1000.000	1076.529	6079.27	0.0198	P	3.1
5	☐	2500.000	2565.326	13609.50	0.0460	P	1.4
6	☐	5000.000	5064.181	26148.70	0.0899	P	1.6
7	☐	10000.000	10245.471	52041.68	0.1811	P	1.2
8	☐	20000.000	19849.227	101955.78	0.3500	P	0.6
9	☐			275.01	0.0010	P	11.0

y = 1.7593E-005 * x + 8.2957E-004
R = 0.9999
DL = 39.38
BEC = 47.15

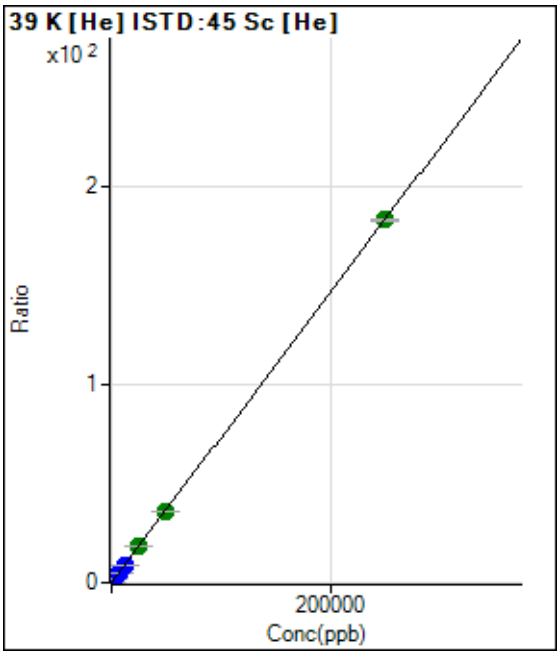
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-192.551	370646.34	0.0556	P	0.6
2	☐	0.000					
3	☐	0.000	192.551	377612.54	0.0583	P	1.3
4	☐	1000.000	1389.313	423337.60	0.0666	P	0.8
5	☐	2500.000	2787.008	475896.56	0.0763	P	1.1
6	☐	5000.000	5012.245	550621.31	0.0918	P	0.4
7	☐	10000.000	9821.310	741677.65	0.1253	P	0.6
8	☐	20000.000	20030.942	1161707.59	0.1963	P	0.3
9	☐			315296.49	0.0553	P	2.5

y = 6.9586E-006 * x + 0.0569
R = 0.9996
DL = 229
BEC = 8180

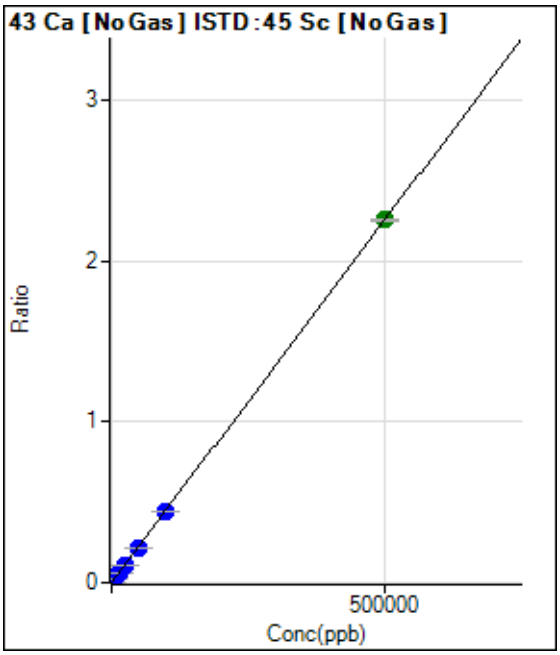
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28970.89	0.0924	P	1.0
2	☐	50.000					
3	☐	500.000	476.467	139520.03	0.4416	P	0.9
4	☐	2500.000	2506.836	593355.96	1.9296	P	0.9
5	☐	6250.000	6224.818	1378211.96	4.6544	P	0.4
6	☐	12500.000	12292.867	2646679.38	9.1016	P	0.1
7	☐	25000.000	24799.297	5249820.17	18.2672	A	1.6
8	☐	50000.000	48658.378	10413884.43	35.7530	A	0.2
9	☐	250000.00	250299.36	51731468.52	183.5309	A	0.7

y = 7.3288E-004 * x + 0.0924
R = 1.0000
DL = 3.612
BEC = 126.1

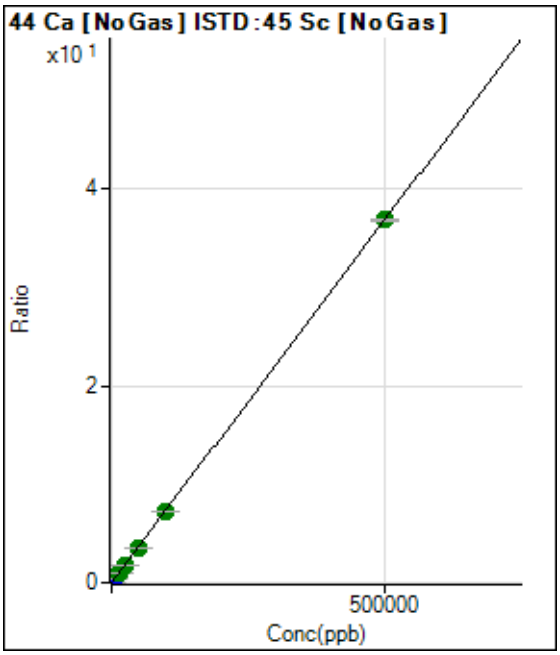
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	6.2
2	☐	50.000					
3	☐	500.000	457.913	13562.36	0.0021	P	1.3
4	☐	5000.000	5001.160	143525.54	0.0226	P	0.5
5	☐	12500.000	12274.214	345270.82	0.0554	P	0.8
6	☐	25000.000	24549.983	664071.77	0.1107	P	0.7
7	☐	50000.000	48827.120	1303621.13	0.2202	P	0.7
8	☐	100000.00	97450.617	2600250.73	0.4394	P	0.2
9	☐	500000.00	500655.34	12870070.52	2.2573	A	0.5

y = 4.5086E-006 * x + 2.7903E-005
R = 1.0000
DL = 1.147
BEC = 6.189

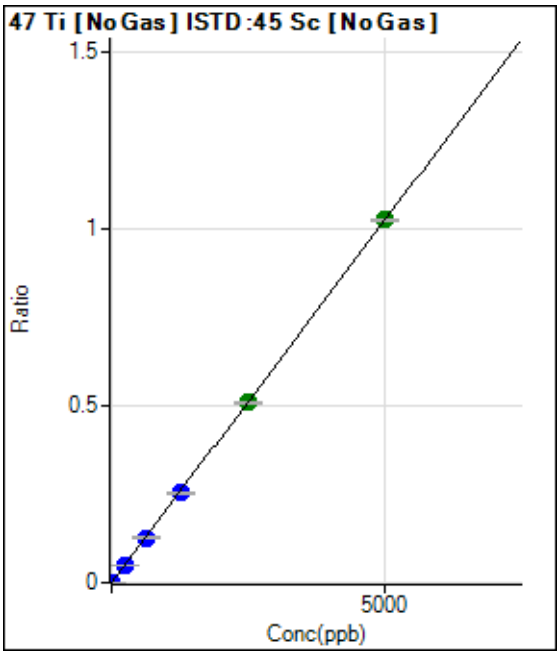
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9062.10	0.0014	P	7.4
2	☐	50.000					
3	☐	500.000	457.626	227405.90	0.0351	P	1.2
4	☐	5000.000	4925.437	2316411.07	0.3644	P	0.1
5	☐	12500.000	12146.726	5591063.41	0.8966	A	0.1
6	☐	25000.000	24399.268	10793962.83	1.7996	A	0.7
7	☐	50000.000	48715.829	21266675.65	3.5918	A	0.4
8	☐	100000.00	98123.010	42803637.76	7.2331	A	0.1
9	☐	500000.00	500543.47	210338776.9	36.8918	A	0.3

y = 7.3701E-005 * x + 0.0014
R = 1.0000
DL = 4.069
BEC = 18.43

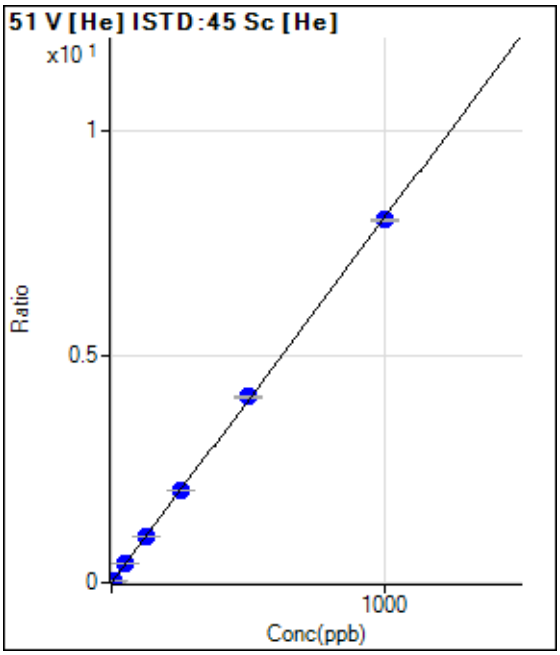
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	55.7
2	☐	0.500					
3	☐	5.000	4.962	6687.89	0.0010	P	3.1
4	☐	250.000	249.671	324931.09	0.0511	P	0.9
5	☐	625.000	623.868	796273.72	0.1277	P	0.9
6	☐	1250.000	1237.418	1518993.78	0.2533	P	0.6
7	☐	2500.000	2485.944	3012434.44	0.5088	A	0.4
8	☐	5000.000	5010.331	6067999.00	1.0254	A	0.2
9	☐			3189.36	0.0006	P	6.3

y = 2.0465E-004 * x + 1.6282E-005
R = 1.0000
DL = 0.133
BEC = 0.07956

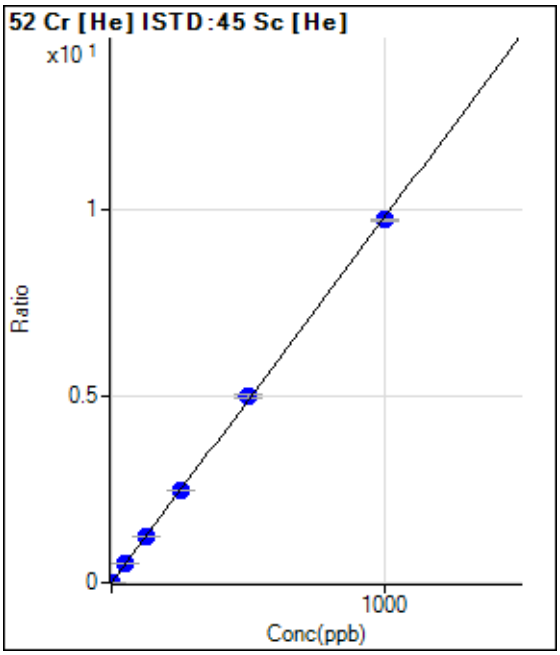
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.780	12172.97	0.0385	P	0.8
4	☐	50.000	50.437	124995.19	0.4065	P	1.1
5	☐	125.000	126.638	302207.30	1.0206	P	0.6
6	☐	250.000	251.861	590250.16	2.0298	P	0.5
7	☐	500.000	509.664	1180456.29	4.1075	P	1.5
8	☐	1000.000	994.477	2334440.97	8.0146	P	0.2
9	☐			920.04	0.0033	P	5.6

y = 0.0081 * x + 7.0704E-006
R = 0.9999
DL = 0.00228
BEC = 0.0008773

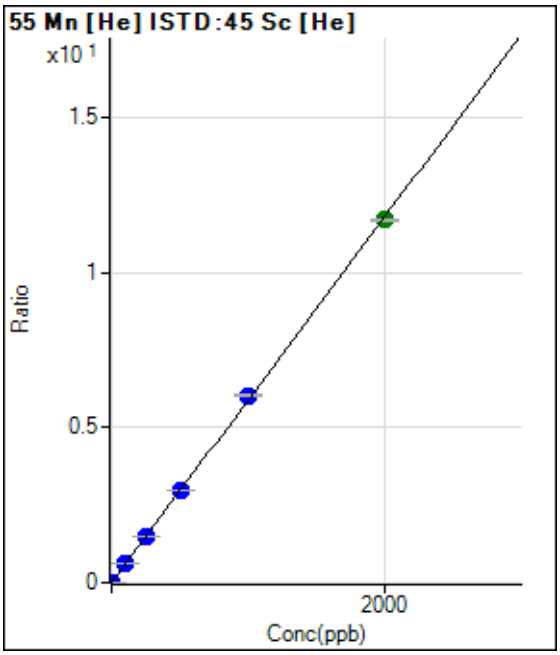
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	484.46	0.0015	P	13.5
2	☐	0.200					
3	☐	2.000	2.144	7109.60	0.0225	P	0.4
4	☐	50.000	51.423	155039.72	0.5042	P	0.4
5	☐	125.000	128.134	371323.40	1.2540	P	0.7
6	☐	250.000	254.479	723789.44	2.4890	P	0.2
7	☐	500.000	510.329	1434034.42	4.9899	P	1.7
8	☐	1000.000	993.252	2828335.48	9.7103	P	0.6
9	☐			99402.08	0.3527	P	0.7

y = 0.0098 * x + 0.0015
R = 0.9999
DL = 0.06393
BEC = 0.158

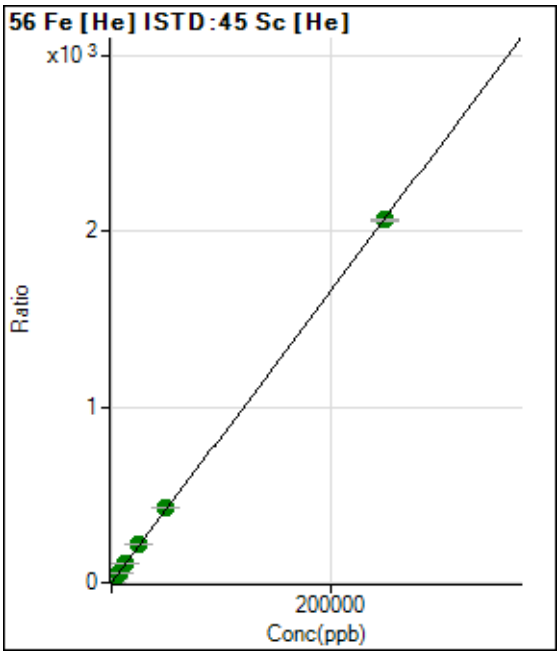
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0002	P	41.7
2	☐	0.100					
3	☐	1.000	1.025	1962.39	0.0062	P	2.5
4	☐	100.000	103.211	187241.29	0.6089	P	0.7
5	☐	250.000	256.374	447795.07	1.5123	P	0.5
6	☐	500.000	507.358	870235.43	2.9926	P	0.3
7	☐	1000.000	1023.800	1735516.12	6.0386	P	0.8
8	☐	2000.000	1985.303	3410680.92	11.7096	A	0.6
9	☐			16812.03	0.0596	P	1.0

y = 0.0059 * x + 1.6625E-004
R = 0.9999
DL = 0.03524
BEC = 0.02819

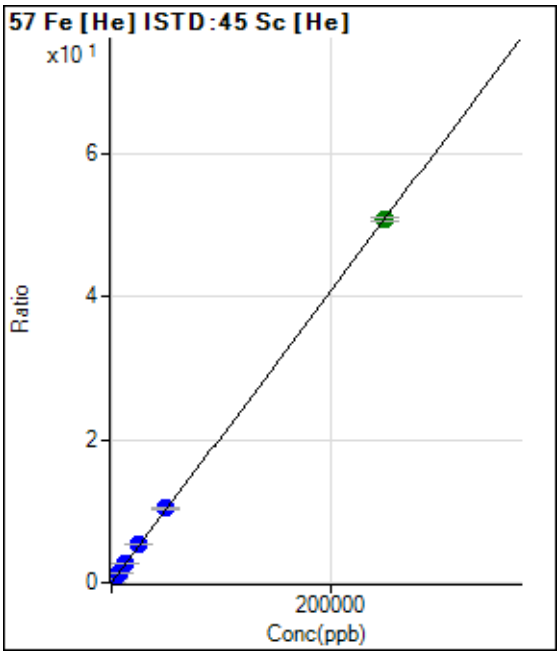
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4992.20	0.0159	P	5.3
2	☐	5.000					
3	☐	50.000	50.865	137827.17	0.4363	P	0.3
4	☐	2500.000	2631.475	6691735.51	21.7617	A	0.5
5	☐	6250.000	6562.421	16062544.22	54.2458	A	0.7
6	☐	12500.000	13024.698	31303401.16	107.6482	A	0.4
7	☐	25000.000	26327.529	62535866.21	217.5789	A	0.8
8	☐	50000.000	51379.919	123675312.9	424.6044	A	0.6
9	☐	250000.00	249555.90	581251338.9	2,062.272	A	0.6

y = 0.0083 * x + 0.0159
R = 1.0000
DL = 0.3073
BEC = 1.927

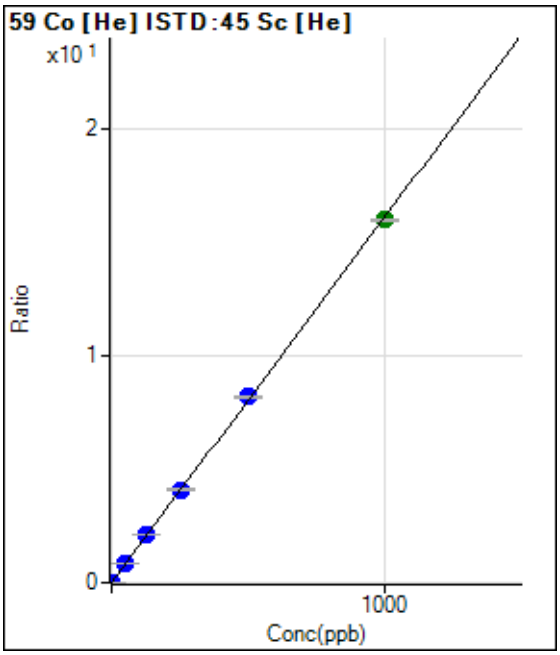
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0010	P	8.8
2	☐	5.000					
3	☐	50.000	52.397	3665.38	0.0116	P	5.5
4	☐	2500.000	2659.474	166423.23	0.5412	P	0.8
5	☐	6250.000	6592.376	396830.56	1.3402	P	0.7
6	☐	12500.000	13072.863	772526.42	2.6566	P	0.4
7	☐	25000.000	26259.199	1533405.39	5.3354	P	1.0
8	☐	50000.000	50967.222	3016011.78	10.3547	P	0.5
9	☐	250000.00	249641.83	14293557.03	50.7143	A	0.9

y = 2.0314E-004 * x + 9.5656E-004
R = 1.0000
DL = 1.238
BEC = 4.709

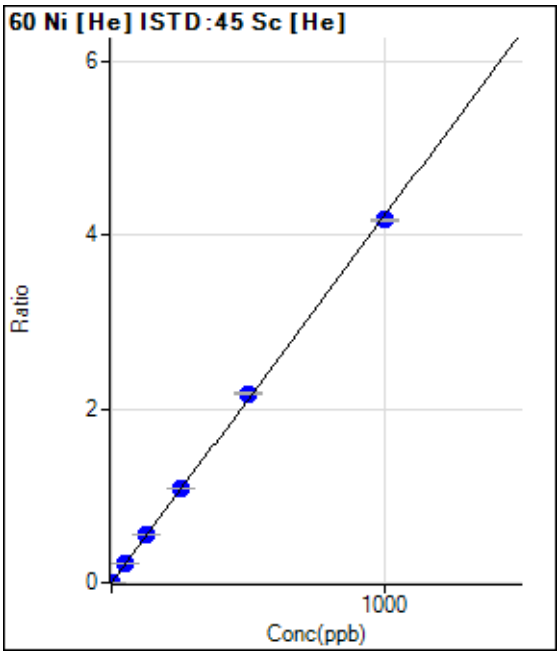
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0002	P	13.7
2	☐	0.100					
3	☐	1.000	1.036	5326.62	0.0169	P	1.7
4	☐	50.000	52.358	259577.91	0.8442	P	1.2
5	☐	125.000	129.332	617373.43	2.0850	P	0.3
6	☐	250.000	254.710	1193997.68	4.1060	P	0.5
7	☐	500.000	509.364	2359833.30	8.2110	P	1.1
8	☐	1000.000	993.481	4664703.99	16.0148	A	0.3
9	☐			54421.76	0.1931	P	0.8

y = 0.0161 * x + 1.6666E-004
R = 0.9999
DL = 0.004263
BEC = 0.01034

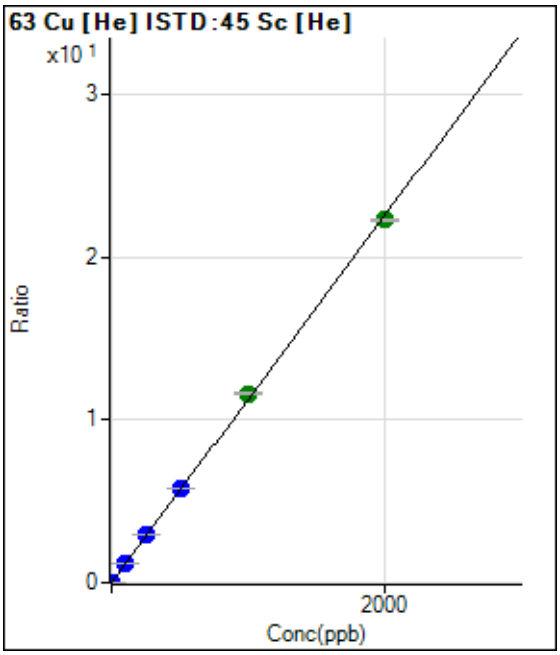
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0001	P	28.8
2	☐	0.100					
3	☐	1.000	1.099	1507.88	0.0048	P	2.8
4	☐	50.000	52.898	68758.05	0.2236	P	0.3
5	☐	125.000	131.413	164427.72	0.5553	P	0.1
6	☐	250.000	258.242	317282.17	1.0911	P	0.6
7	☐	500.000	516.247	626847.09	2.1811	P	0.8
8	☐	1000.000	988.870	1216847.25	4.1777	P	0.2
9	☐			35906.28	0.1274	P	1.5

y = 0.0042 * x + 1.3119E-004
R = 0.9998
DL = 0.02685
BEC = 0.03106

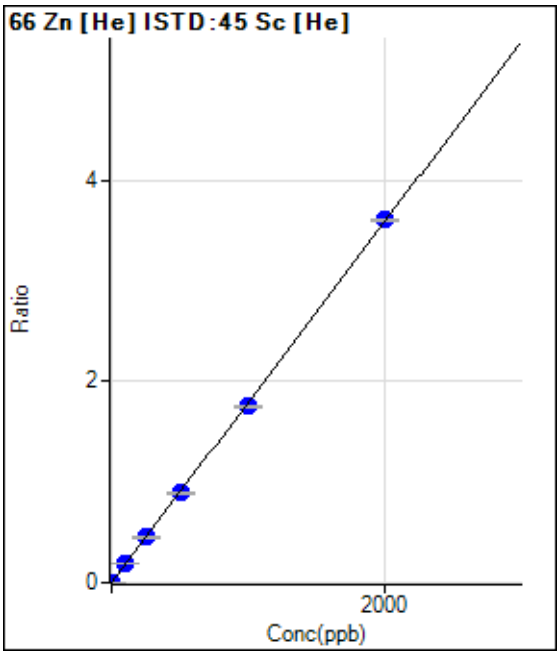
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1593.45	0.0051	P	1.6
2	☐	0.200					
3	☐	2.000	2.075	8999.58	0.0285	P	1.7
4	☐	100.000	106.283	370243.04	1.2040	P	0.3
5	☐	250.000	262.242	877476.19	2.9634	P	0.4
6	☐	500.000	514.818	1690264.87	5.8126	P	0.2
7	☐	1000.000	1032.089	3347623.15	11.6478	A	1.0
8	☐	2000.000	1978.407	6502049.42	22.3230	A	0.3
9	☐			14958.90	0.0531	P	1.2

y = 0.0113 * x + 0.0051
R = 0.9998
DL = 0.0216
BEC = 0.4506

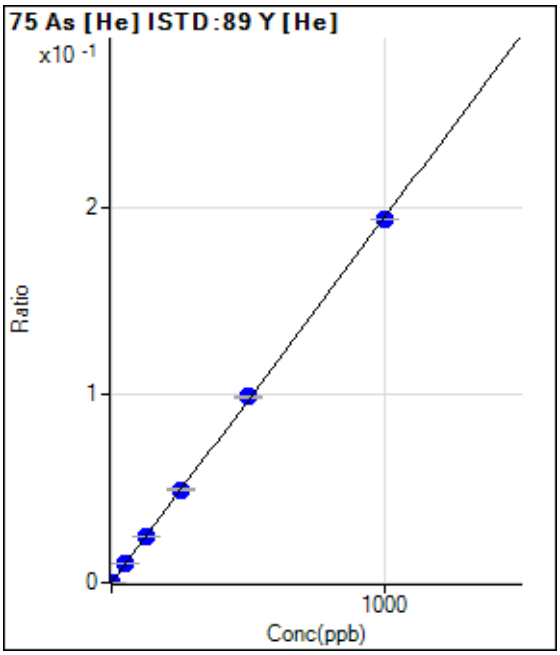
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0008	P	7.4
2	☐	0.200					
3	☐	2.000	2.184	1491.21	0.0047	P	5.7
4	☐	100.000	102.117	56493.21	0.1837	P	0.6
5	☐	250.000	250.735	133223.51	0.4499	P	0.9
6	☐	500.000	495.796	258475.17	0.8889	P	0.3
7	☐	1000.000	978.966	504178.70	1.7543	P	1.2
8	☐	2000.000	2011.370	1049594.66	3.6035	P	0.4
9	☐			6530.46	0.0232	P	3.8

y = 0.0018 * x + 8.0836E-004
R = 0.9999
DL = 0.1004
BEC = 0.4513

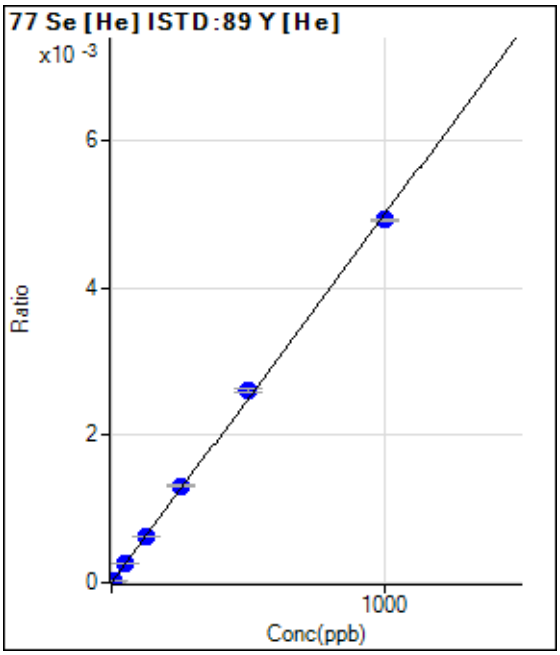
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	1.009	376.55	0.0002	P	11.4
4	☐	50.000	51.353	18725.70	0.0100	P	2.6
5	☐	125.000	126.680	44740.19	0.0246	P	0.7
6	☐	250.000	254.846	88556.52	0.0496	P	2.0
7	☐	500.000	509.733	175314.18	0.0991	P	0.6
8	☐	1000.000	993.644	342938.42	0.1932	P	0.2
9	☐			535.82	0.0003	P	4.5

y = 1.9447E-004 * x + 1.9544E-006
R = 0.9999
DL = 0.01498
BEC = 0.01005

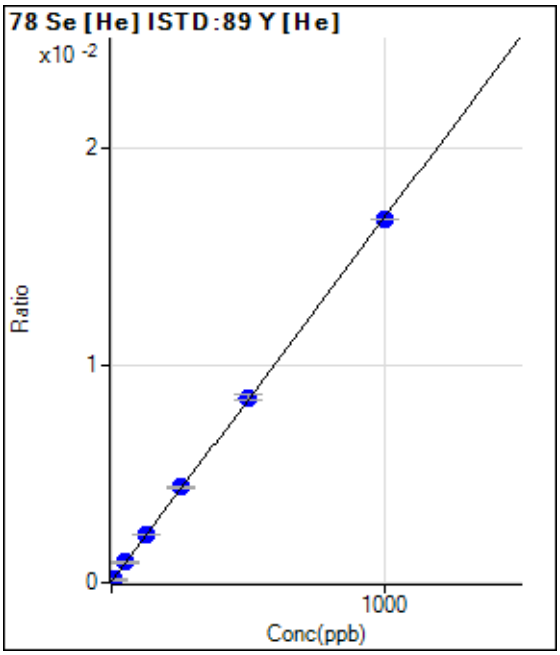
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.613	54.44	0.0000	P	18.5
4	☐	50.000	53.112	498.91	0.0003	P	2.7
5	☐	125.000	124.617	1132.28	0.0006	P	2.0
6	☐	250.000	263.246	2352.45	0.0013	P	0.5
7	☐	500.000	521.391	4610.81	0.0026	P	1.7
8	☐	1000.000	985.882	8747.22	0.0049	P	0.4
9	☐			4.44	0.0000	P	42.9

y = 4.9989E-006 * x + 5.9243E-007
R = 0.9996
DL = 0.6158
BEC = 0.1185

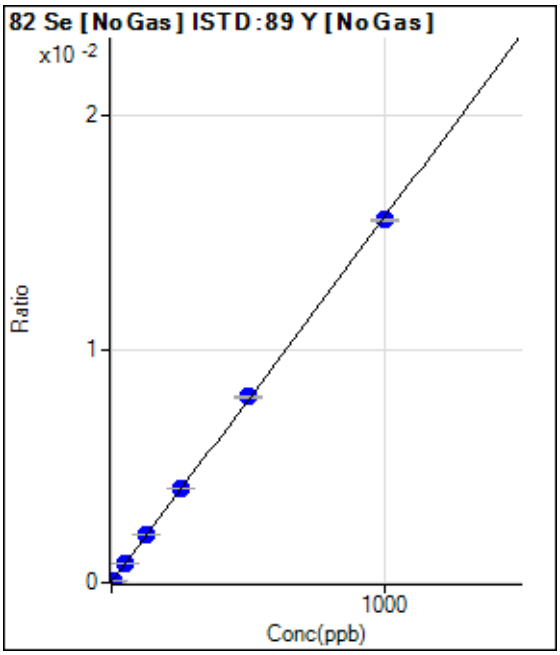
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	6.9
2	☐	0.500					
3	☐	5.000	5.144	253.09	0.0001	P	7.1
4	☐	50.000	52.839	1749.51	0.0009	P	3.9
5	☐	125.000	130.255	4051.83	0.0022	P	2.0
6	☐	250.000	258.752	7837.37	0.0044	P	1.9
7	☐	500.000	506.372	15097.44	0.0085	P	2.9
8	☐	1000.000	993.827	29659.31	0.0167	P	0.1
9	☐			109.26	0.0001	P	1.2

y = 1.6769E-005 * x + 4.6996E-005
R = 0.9999
DL = 0.579
BEC = 2.803

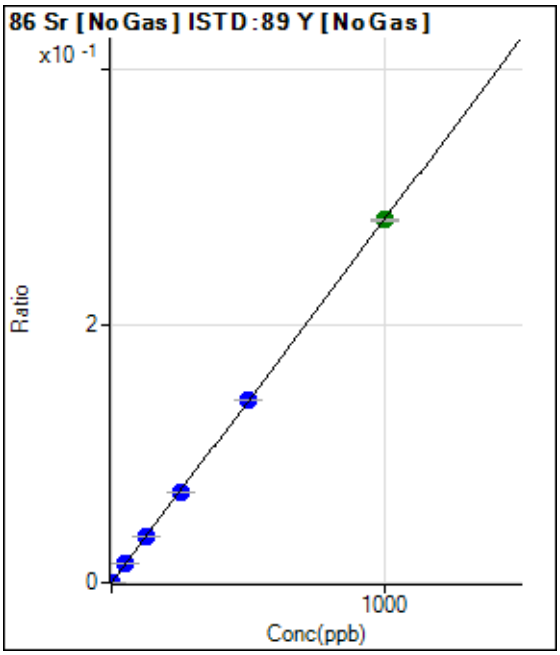
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	159.51	0.0000	P	12.6
2	☐	0.500					
3	☐	5.000	4.966	1052.21	0.0001	P	5.5
4	☐	50.000	53.261	9732.20	0.0008	P	1.1
5	☐	125.000	132.500	23516.32	0.0021	P	0.8
6	☐	250.000	258.730	44856.98	0.0041	P	0.2
7	☐	500.000	507.736	87588.96	0.0079	P	0.1
8	☐	1000.000	992.849	172719.74	0.0155	P	0.3
9	☐			412.32	0.0000	P	14.6

y = 1.5627E-005 * x + 1.3279E-005
R = 0.9999
DL = 0.3214
BEC = 0.8497

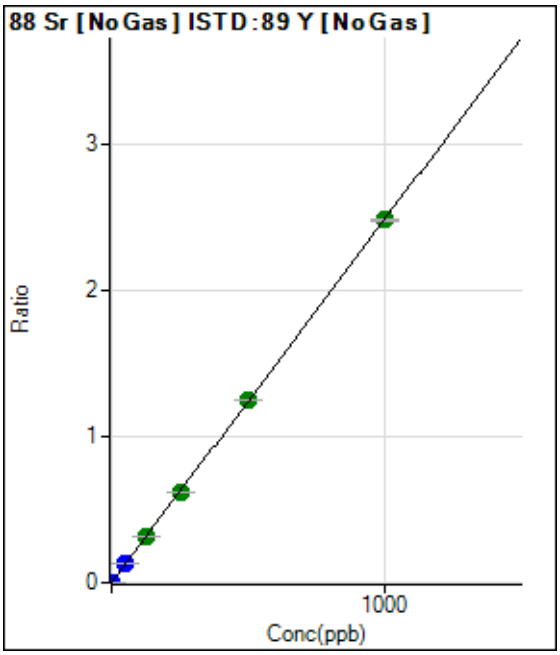
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.16	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.993	3936.81	0.0003	P	1.7
4	☐	50.000	51.282	167603.31	0.0146	P	0.6
5	☐	125.000	127.090	406276.85	0.0360	P	0.3
6	☐	250.000	248.831	778824.20	0.0704	P	0.4
7	☐	500.000	501.639	1564131.01	0.1419	P	0.2
8	☐	1000.000	999.148	3143624.81	0.2826	A	0.3
9	☐			15102.88	0.0015	P	1.3

y = 2.8281E-004 * x + 5.9188E-005
R = 1.0000
DL = 0.02683
BEC = 0.2093

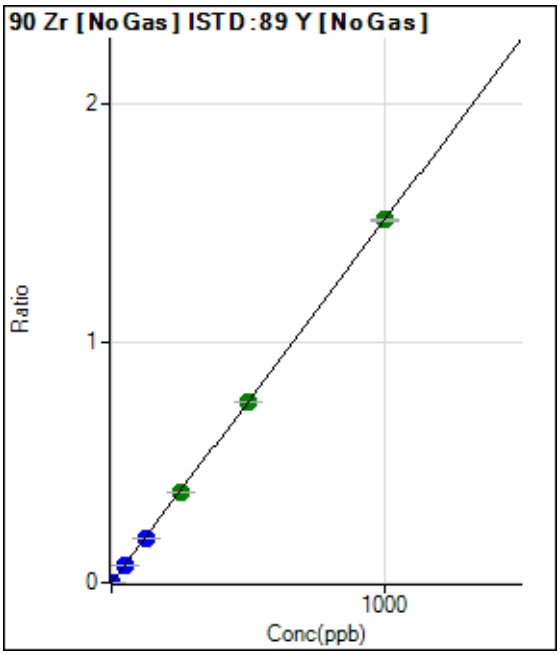
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	3.5
2	☐	0.100					
3	☐	1.000	0.967	27980.95	0.0024	P	0.7
4	☐	50.000	50.468	1444345.11	0.1255	P	0.4
5	☐	125.000	125.319	3516344.35	0.3116	A	0.4
6	☐	250.000	248.596	6834886.00	0.6181	A	0.4
7	☐	500.000	501.678	13746292.50	1.2473	A	0.4
8	☐	1000.000	999.449	27639234.30	2.4850	A	0.2
9	☐			127327.52	0.0124	P	1.3

y = 0.0025 * x + 1.2946E-005
R = 1.0000
DL = 0.0005453
BEC = 0.005207

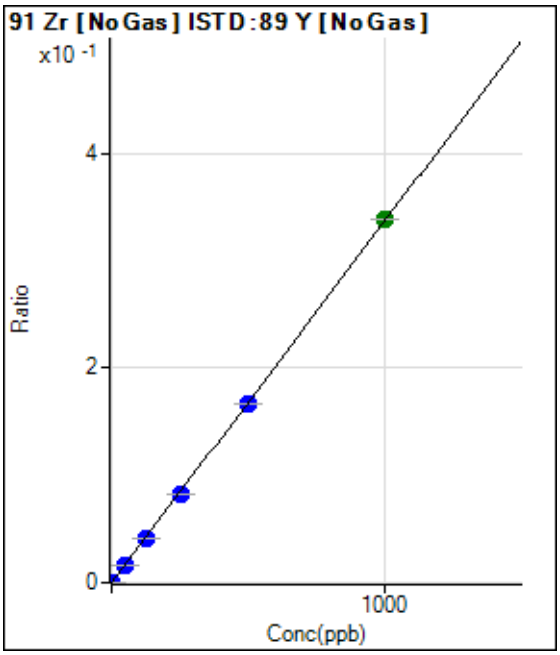
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1030.63	0.0001	P	13.4
2	☐	0.100					
3	☐	1.000	0.996	18434.71	0.0016	P	1.6
4	☐	50.000	49.517	862711.98	0.0750	P	0.1
5	☐	125.000	123.250	2103979.06	0.1864	P	0.2
6	☐	250.000	247.217	4134396.97	0.3739	A	0.2
7	☐	500.000	500.030	8333175.45	0.7562	A	0.4
8	☐	1000.000	1000.924	16834022.25	1.5135	A	0.5
9	☐			4031.29	0.0004	P	12.9

y = 0.0015 * x + 8.5805E-005
R = 1.0000
DL = 0.02273
BEC = 0.05675

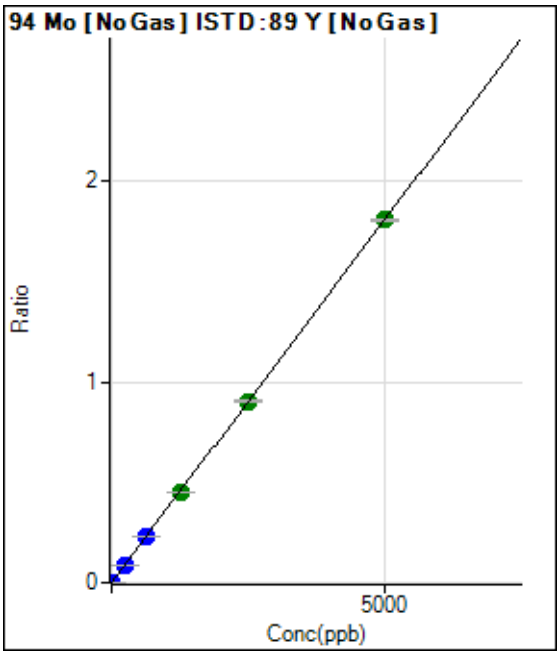
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	6.6
2	☐	0.100					
3	☐	1.000	0.922	3778.45	0.0003	P	0.9
4	☐	50.000	49.784	192932.04	0.0168	P	0.7
5	☐	125.000	124.334	472172.62	0.0418	P	0.6
6	☐	250.000	245.452	913198.99	0.0826	P	0.9
7	☐	500.000	493.127	1828304.94	0.1659	P	0.2
8	☐	1000.000	1004.667	3759180.55	0.3380	A	0.1
9	☐			827.84	0.0001	P	17.2

y = 3.3639E-004 * x + 1.6182E-005
R = 1.0000
DL = 0.009518
BEC = 0.0481

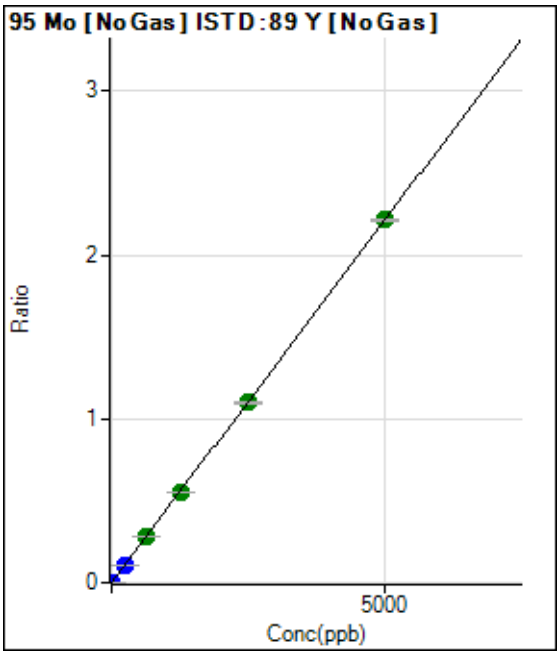
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1652.56	0.0001	P	138.
2	☐	0.500					
3	☐	5.000	4.520	20498.66	0.0018	P	0.7
4	☐	250.000	250.577	1043184.60	0.0906	P	0.5
5	☐	625.000	626.088	2553306.85	0.2263	P	0.4
6	☐	1250.000	1243.422	4967440.17	0.4492	A	0.9
7	☐	2500.000	2498.561	9946402.91	0.9025	A	0.6
8	☐	5000.000	5002.200	20095881.70	1.8068	A	0.5
9	☐			21158.00	0.0021	P	2.3

y = 3.6117E-004 * x + 1.3819E-004
R = 1.0000
DL = 1.591
BEC = 0.3826

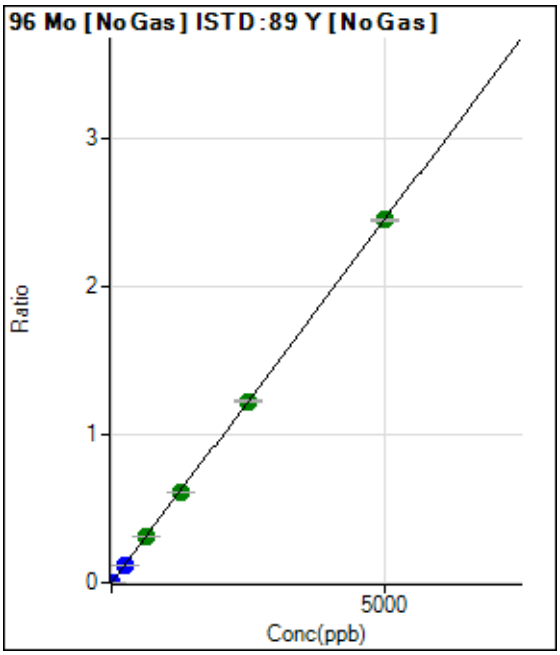
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	4.781	24521.77	0.0021	P	1.0
4	☐	250.000	250.494	1274922.66	0.1108	P	0.2
5	☐	625.000	626.633	3127048.55	0.2771	A	0.3
6	☐	1250.000	1240.914	6067850.87	0.5487	A	0.7
7	☐	2500.000	2486.608	12118038.73	1.0996	A	0.5
8	☐	5000.000	5008.739	24634847.95	2.2149	A	0.4
9	☐			34289.44	0.0034	P	2.8

y = 4.4220E-004 * x + 4.1618E-006
R = 1.0000
DL = 0.004735
BEC = 0.009411

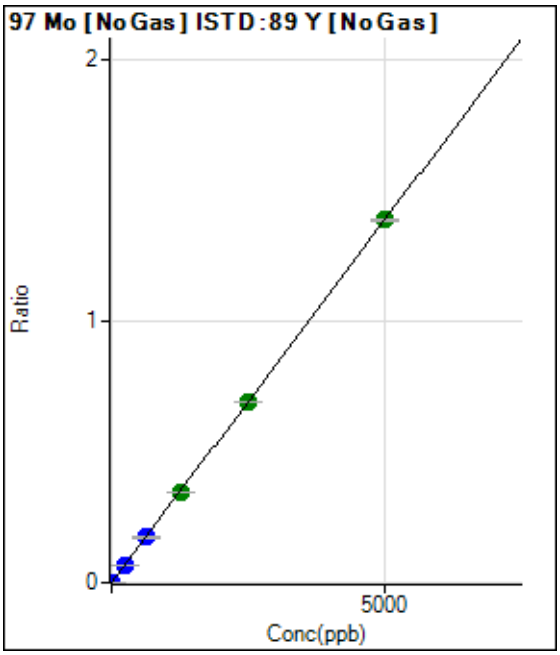
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	38.3
2	☐	0.500					
3	☐	5.000	4.804	27407.75	0.0024	P	2.7
4	☐	250.000	250.450	1414787.79	0.1229	P	0.7
5	☐	625.000	627.794	3477003.38	0.3081	A	0.4
6	☐	1250.000	1245.555	6759659.44	0.6113	A	0.2
7	☐	2500.000	2503.508	13540473.22	1.2287	A	0.3
8	☐	5000.000	4998.986	27287822.83	2.4534	A	0.4
9	☐			45242.30	0.0044	P	1.6

y = 4.9077E-004 * x + 1.0159E-005
R = 1.0000
DL = 0.02379
BEC = 0.0207

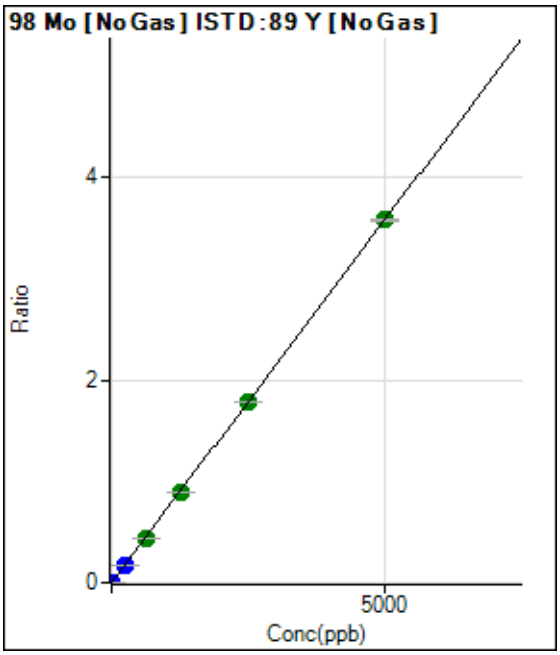
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.4
2	☐	0.500					
3	☐	5.000	4.812	15458.88	0.0013	P	0.9
4	☐	250.000	251.024	800995.65	0.0696	P	0.3
5	☐	625.000	625.708	1957573.00	0.1735	P	0.8
6	☐	1250.000	1238.391	3796474.04	0.3433	A	0.4
7	☐	2500.000	2493.387	7618090.45	0.6913	A	0.4
8	☐	5000.000	5006.069	15436579.69	1.3879	A	0.3
9	☐			21511.30	0.0021	P	1.0

y = 2.7724E-004 * x + 1.3887E-006
R = 1.0000
DL = 0.007579
BEC = 0.005009

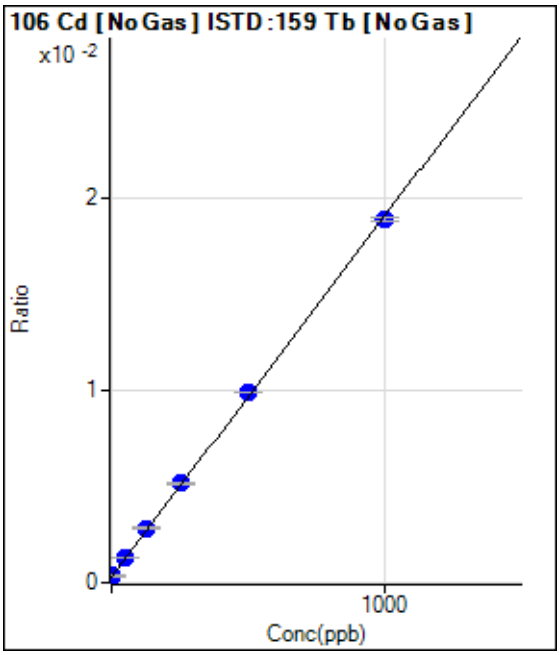
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.927	40828.96	0.0035	P	2.3
4	☐	250.000	250.629	2062775.24	0.1792	P	0.5
5	☐	625.000	622.177	5020785.66	0.4449	A	0.3
6	☐	1250.000	1243.545	9833195.36	0.8892	A	0.2
7	☐	2500.000	2491.751	19636556.00	1.7818	A	0.3
8	☐	5000.000	5006.060	39816419.99	3.5798	A	0.2
9	☐			54884.35	0.0054	P	3.8

y = 7.1509E-004 * x + 3.9266E-006
R = 1.0000
DL = 0.004386
BEC = 0.005491

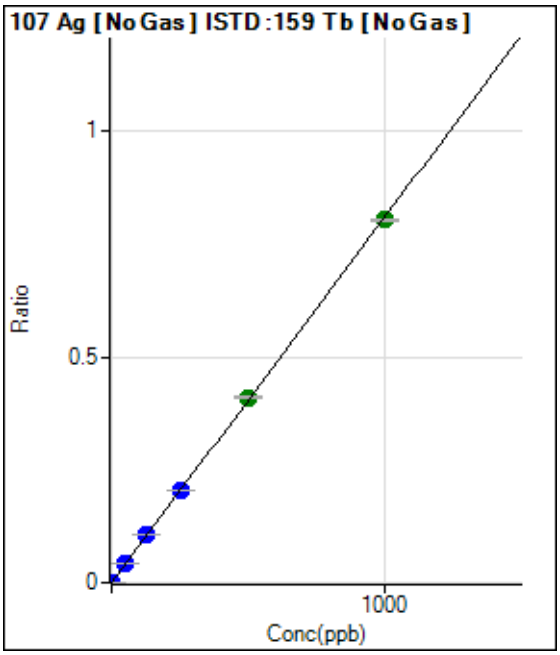
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5034.46	0.0003	P	4.4
2	☐	0.100					
3	☐	1.000	1.941	5426.28	0.0004	P	4.0
4	☐	50.000	54.460	20587.89	0.0013	P	0.3
5	☐	125.000	135.187	43788.08	0.0028	P	1.8
6	☐	250.000	258.792	78604.11	0.0052	P	2.4
7	☐	500.000	511.808	150954.82	0.0099	P	0.5
8	☐	1000.000	990.401	289810.40	0.0188	P	1.1
9	☐			4809.37	0.0003	P	2.1

y = 1.8701E-005 * x + 3.1404E-004
R = 0.9998
DL = 2.236
BEC = 16.79

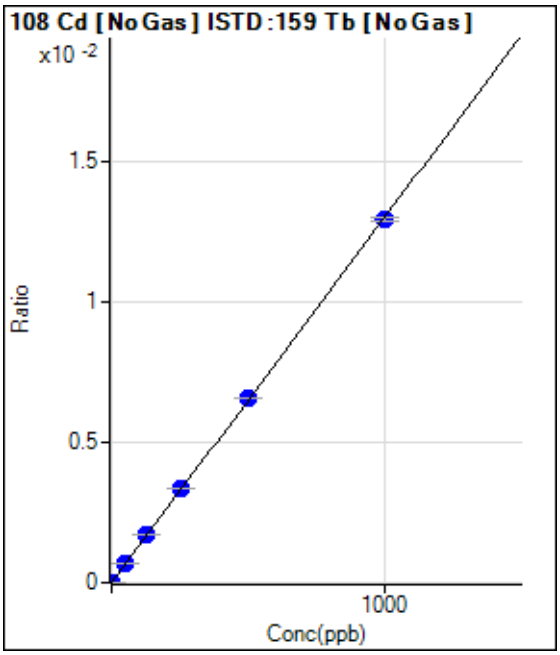
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	5.2
2	☐	0.100					
3	☐	1.000	1.058	13345.67	0.0009	P	5.0
4	☐	50.000	54.329	678956.47	0.0439	P	0.6
5	☐	125.000	132.431	1650202.39	0.1071	P	1.2
6	☐	250.000	254.935	3144778.89	0.2062	P	0.3
7	☐	500.000	507.820	6271543.85	0.4107	A	0.9
8	☐	1000.000	993.711	12365034.56	0.8037	A	0.5
9	☐			1544.60	0.0001	P	8.9

y = 8.0876E-004 * x + 5.5448E-006
R = 0.9999
DL = 0.001061
BEC = 0.006856

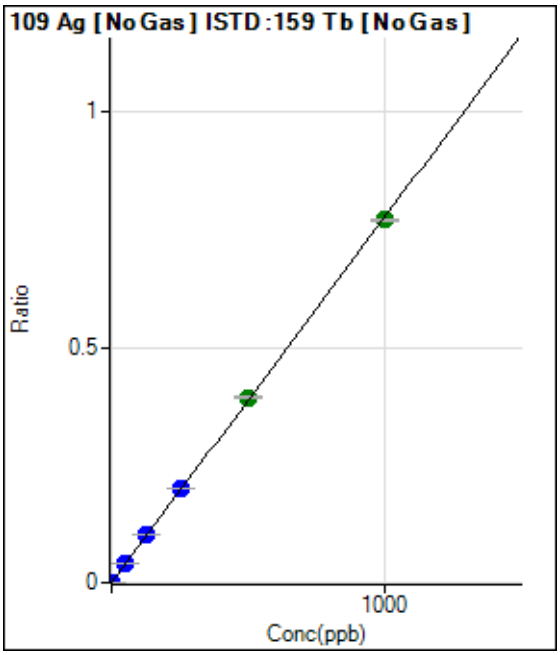
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.05	0.0000	P	48.2
2	☐	0.100					
3	☐	1.000	1.038	226.40	0.0000	P	10.5
4	☐	50.000	53.306	10719.53	0.0007	P	2.7
5	☐	125.000	131.712	26385.93	0.0017	P	1.0
6	☐	250.000	257.899	51131.09	0.0034	P	0.8
7	☐	500.000	506.224	100465.35	0.0066	P	0.5
8	☐	1000.000	993.909	198717.58	0.0129	P	1.0
9	☐			61.11	0.0000	P	16.5

y = 1.2994E-005 * x + 1.1267E-006
R = 0.9999
DL = 0.1253
BEC = 0.08671

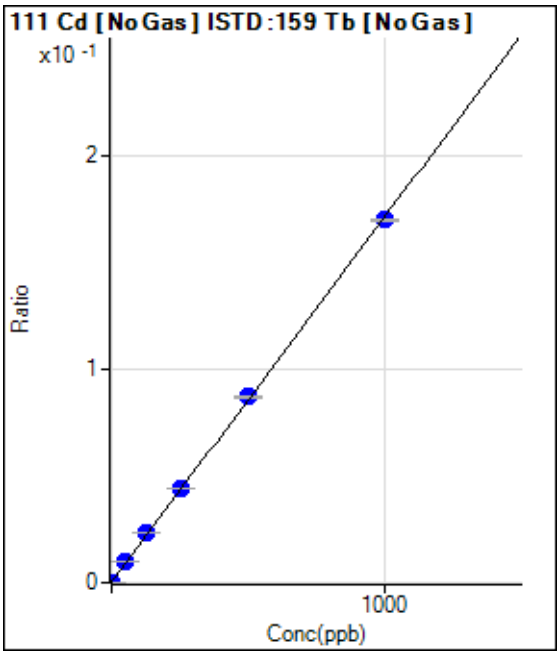
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.2
2	☐	0.100					
3	☐	1.000	1.053	12714.59	0.0008	P	1.0
4	☐	50.000	54.241	650465.44	0.0421	P	0.1
5	☐	125.000	132.760	1587512.54	0.1030	P	0.8
6	☐	250.000	256.199	3032754.30	0.1988	P	0.4
7	☐	500.000	507.962	6020065.76	0.3942	A	0.2
8	☐	1000.000	993.287	11860751.13	0.7709	A	0.7
9	☐			1383.45	0.0001	P	18.7

y = 7.7611E-004 * x + 3.4656E-006
R = 0.9999
DL = 0.004175
BEC = 0.004465

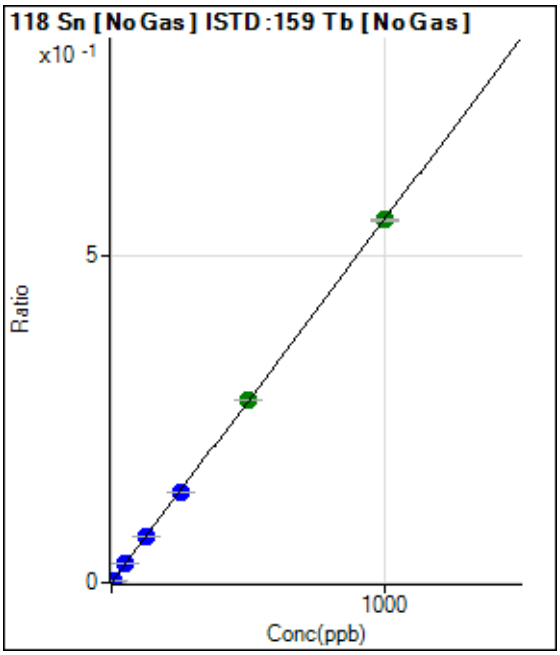
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3532.32	0.0002	P	5.3
2	☐	0.100					
3	☐	1.000	1.128	6405.53	0.0004	P	3.9
4	☐	50.000	54.372	147294.49	0.0095	P	0.4
5	☐	125.000	133.726	356293.09	0.0231	P	0.4
6	☐	250.000	258.545	678782.61	0.0445	P	0.3
7	☐	500.000	507.560	1330882.79	0.0872	P	0.5
8	☐	1000.000	992.774	2619618.98	0.1703	P	0.4
9	☐			3964.09	0.0003	P	3.4

y = 1.7128E-004 * x + 2.2034E-004
R = 0.9999
DL = 0.2037
BEC = 1.286

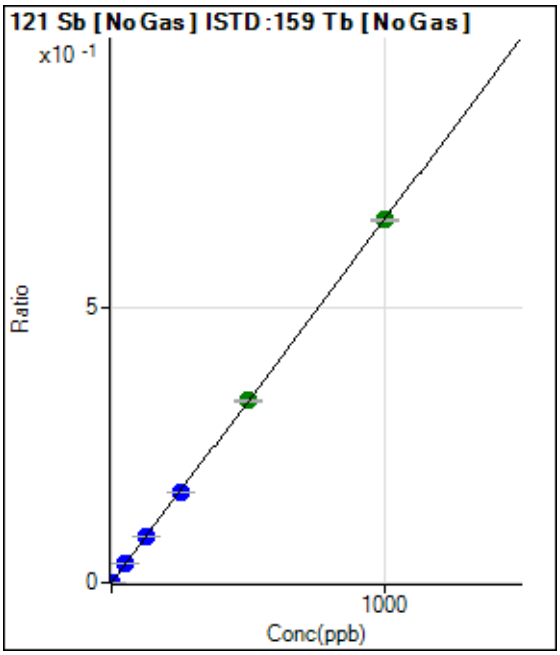
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4273.10	0.0003	P	2.8
2	☐	0.500					
3	☐	5.000	5.036	47378.03	0.0031	P	0.4
4	☐	50.000	51.594	446131.51	0.0289	P	0.2
5	☐	125.000	126.921	1088390.77	0.0706	P	0.8
6	☐	250.000	248.731	2107622.40	0.1382	P	0.4
7	☐	500.000	502.152	4255901.35	0.2787	A	0.5
8	☐	1000.000	998.921	8525975.71	0.5542	A	0.4
9	☐			17475.34	0.0013	P	3.7

y = 5.5449E-004 * x + 2.6655E-004
R = 1.0000
DL = 0.04026
BEC = 0.4807

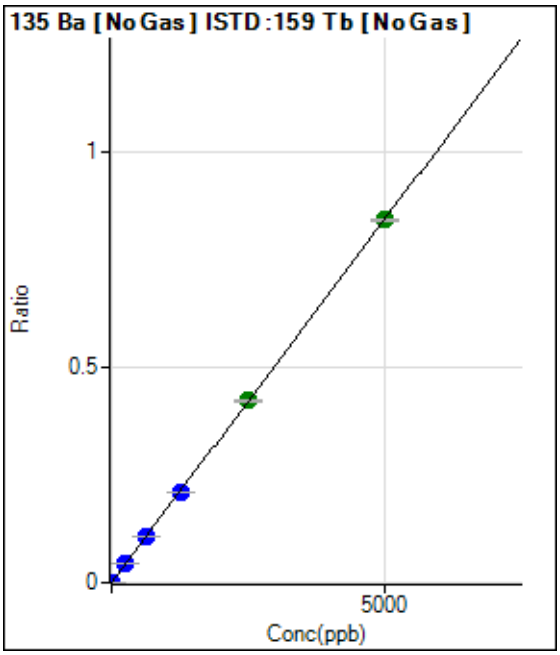
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	43.1
2	☐	0.200					
3	☐	2.000	2.001	20574.13	0.0013	P	1.4
4	☐	50.000	51.673	528943.86	0.0342	P	0.5
5	☐	125.000	127.199	1298330.17	0.0843	P	0.3
6	☐	250.000	249.459	2520582.13	0.1653	P	0.1
7	☐	500.000	501.477	5073010.66	0.3322	A	0.4
8	☐	1000.000	999.038	10182698.41	0.6618	A	0.6
9	☐			15378.55	0.0011	P	2.5

y = 6.6247E-004 * x + 2.7713E-006
R = 1.0000
DL = 0.005409
BEC = 0.004183

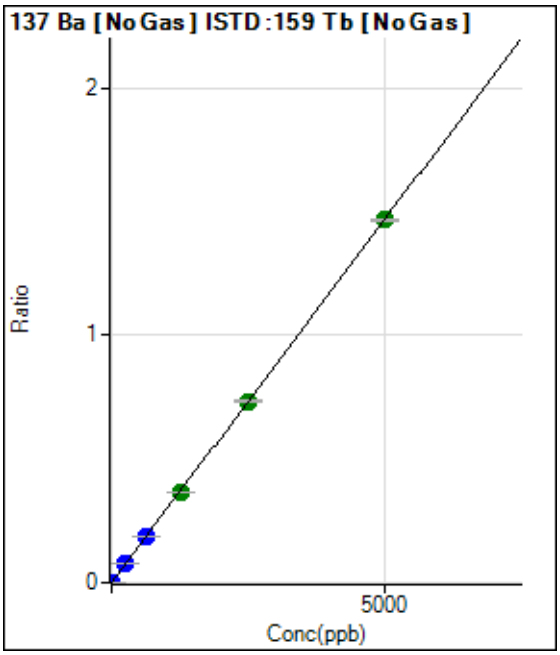
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	9.918	25880.45	0.0017	P	2.2
4	☐	250.000	257.298	669321.92	0.0433	P	0.6
5	☐	625.000	633.850	1644194.71	0.1067	P	0.7
6	☐	1250.000	1244.267	3195176.81	0.2095	P	0.6
7	☐	2500.000	2505.605	6441831.74	0.4219	A	0.3
8	☐	5000.000	4997.160	12944421.91	0.8413	A	0.7
9	☐			2533.67	0.0002	P	9.5

y = 1.6836E-004 * x + 1.0402E-006
R = 1.0000
DL = 0.01605
BEC = 0.006178

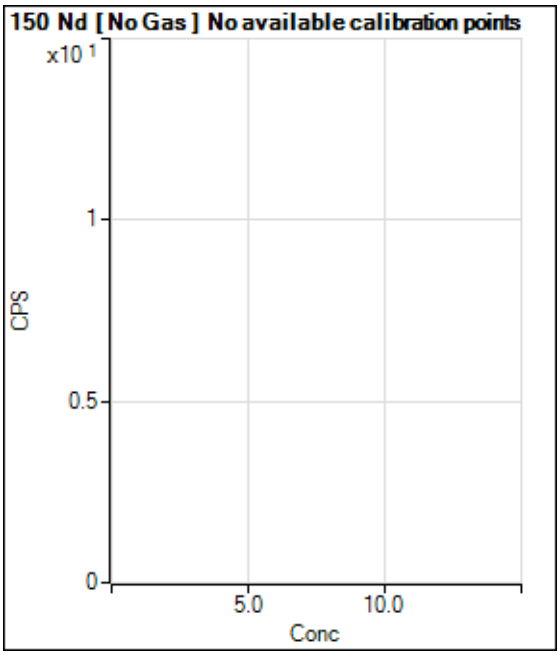
Weight: <None>
Min Conc: 0



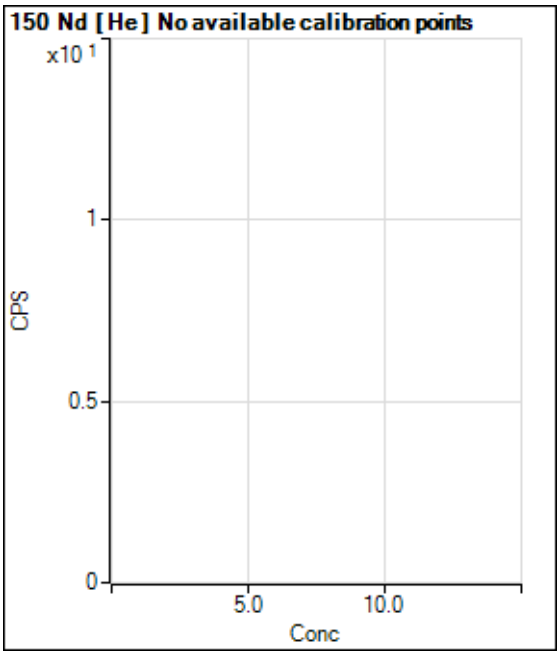
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	53.8
2	☐	1.000					
3	☐	10.000	9.962	45341.64	0.0029	P	1.7
4	☐	250.000	257.896	1170070.05	0.0757	P	0.6
5	☐	625.000	631.468	2856830.58	0.1854	P	0.8
6	☐	1250.000	1246.737	5583647.13	0.3661	A	0.3
7	☐	2500.000	2500.999	11214355.37	0.7344	A	0.2
8	☐	5000.000	4999.113	22584757.62	1.4679	A	0.5
9	☐			4814.94	0.0003	P	9.8

y = 2.9364E-004 * x + 2.4240E-006
R = 1.0000
DL = 0.01331
BEC = 0.008255

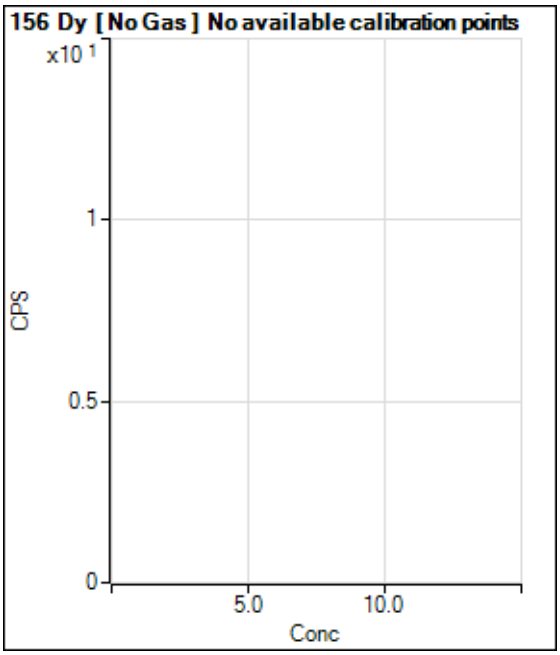
Weight: <None>
Min Conc: 0



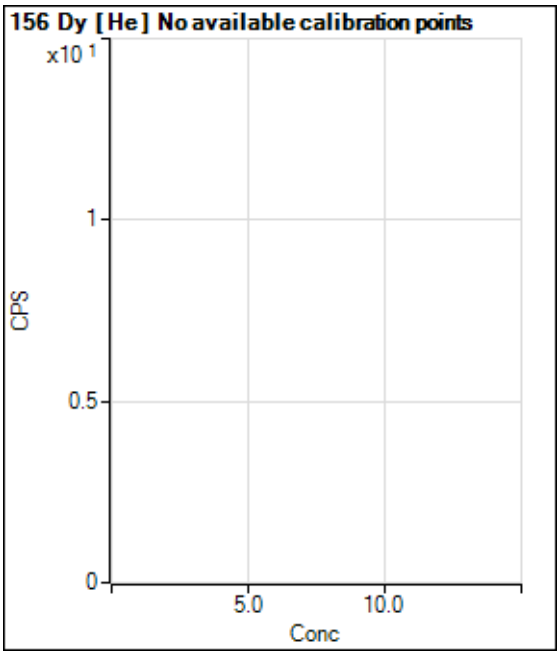
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	100.
4	☐			68.89		P	36.6
5	☐			144.45		P	9.6
6	☐			266.68		P	8.7
7	☐			526.70		P	22.8
8	☐			1729.06		P	4.2
9	☐			115.56		P	48.4



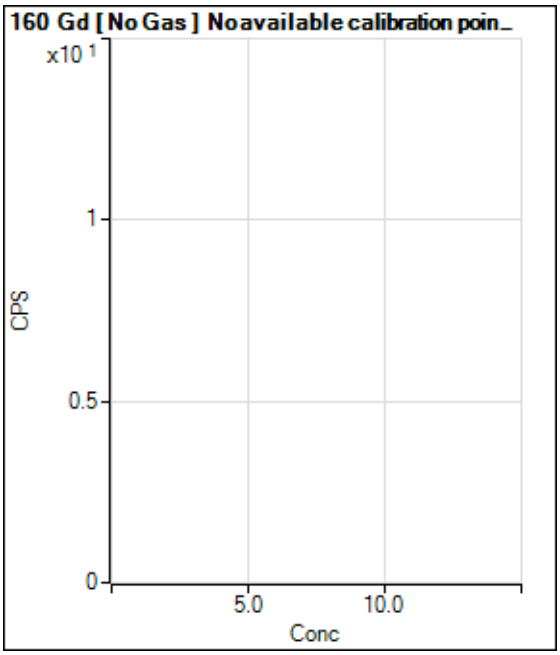
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			5.55		P	124.
5	☐			18.89		P	53.9
6	☐			386.49		P	158.
7	☐			64.44		P	18.2
8	☐			403.35		P	6.6
9	☐			58.89		P	23.6



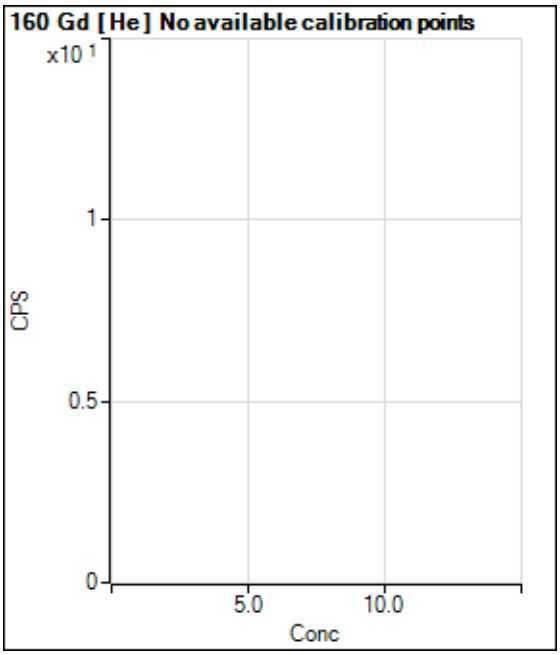
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			11.11		P	114.
4	☐			30.55		P	15.7
5	☐			22.23		P	43.3
6	☐			75.00		P	29.4
7	☐			138.90		P	34.6
8	☐			708.38		P	9.4
9	☐			122.23		P	35.0



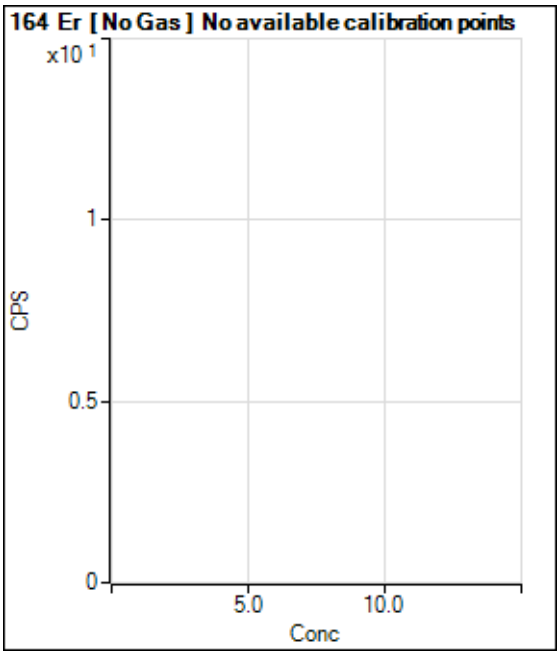
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			3.33		P	100.
4	☐			17.78		P	57.3
5	☐			36.67		P	27.3
6	☐			55.56		P	27.1
7	☐			126.67		P	17.3
8	☐			403.35		P	11.5
9	☐			64.44		P	3.0



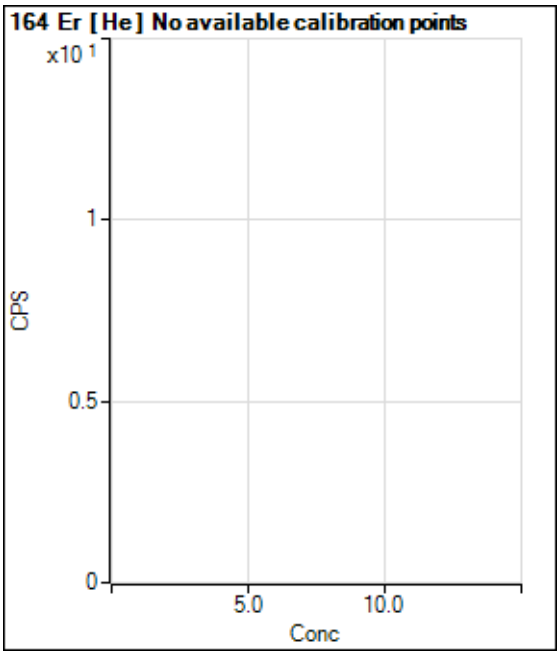
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			116.67		P	51.5
2	☐						
3	☐			77.78		P	32.7
4	☐			100.00		P	22.0
5	☐			116.67		P	12.4
6	☐			130.56		P	19.5
7	☐			155.56		P	31.4
8	☐			530.59		P	16.5
9	☐			161.12		P	20.9



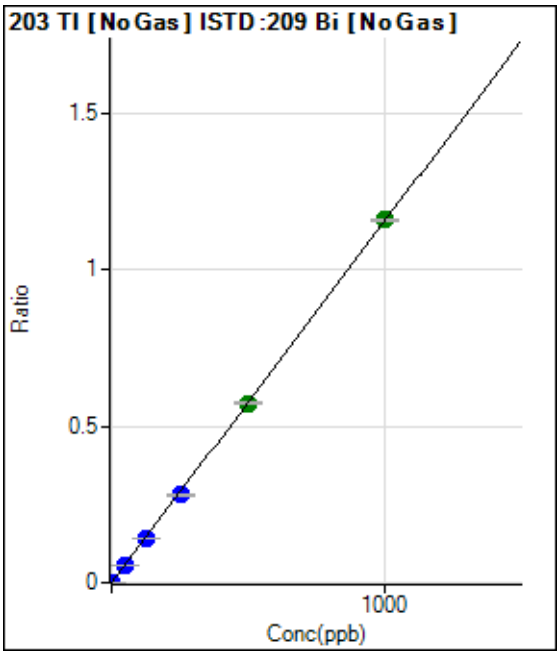
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			227.78		P	19.5
2	☐						
3	☐			205.56		P	9.5
4	☐			246.67		P	5.4
5	☐			208.90		P	4.6
6	☐			222.23		P	13.5
7	☐			222.23		P	14.2
8	☐			475.58		P	5.7
9	☐			262.23		P	12.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			80.56		P	21.5
2	☐						
3	☐			72.23		P	65.6
4	☐			69.44		P	48.5
5	☐			63.89		P	58.8
6	☐			52.78		P	18.2
7	☐			83.34		P	0.0
8	☐			283.35		P	30.6
9	☐			83.34		P	17.3



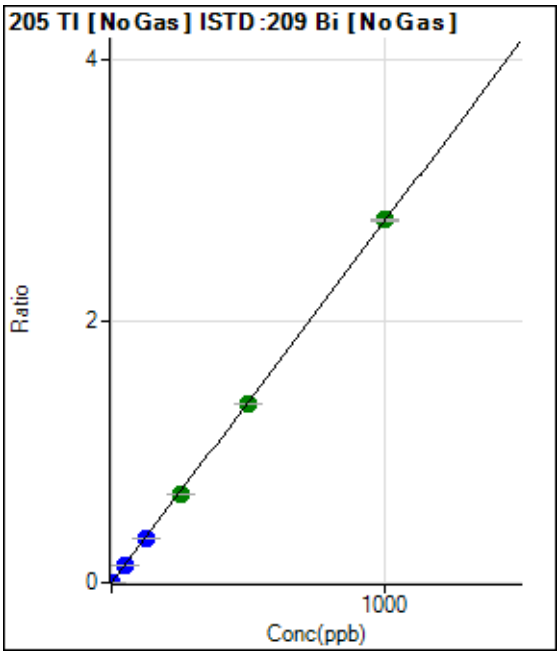
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			32.22		P	21.5
2	☐						
3	☐			33.33		P	10.0
4	☐			31.11		P	37.6
5	☐			23.33		P	42.9
6	☐			18.89		P	53.9
7	☐			31.11		P	48.3
8	☐			167.78		P	10.9
9	☐			37.78		P	13.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.4
2	☐	0.100					
3	☐	1.000	0.940	10852.16	0.0011	P	0.6
4	☐	50.000	48.888	562373.64	0.0565	P	0.3
5	☐	125.000	122.507	1390648.94	0.1415	P	0.2
6	☐	250.000	242.262	2729004.75	0.2799	P	0.9
7	☐	500.000	496.398	5525872.26	0.5734	A	0.7
8	☐	1000.000	1004.103	11015753.46	1.1599	A	0.3
9	☐			5159.56	0.0006	P	9.5

y = 0.0012 * x + 3.4991E-006
R = 1.0000
DL = 0.003218
BEC = 0.003029

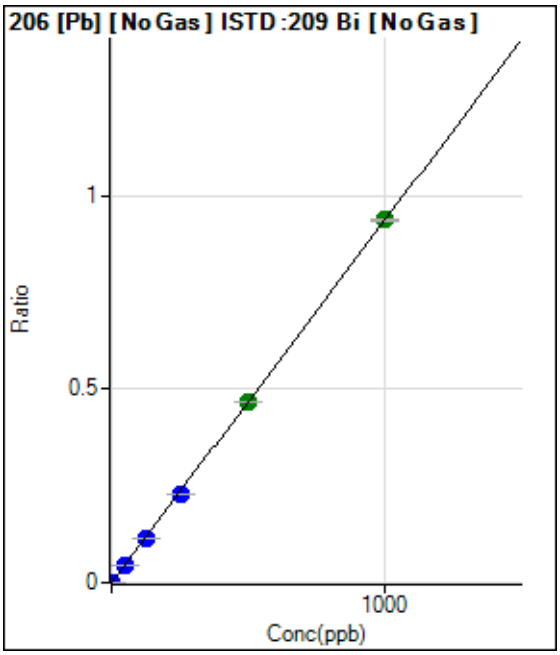
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	0.969	26741.65	0.0027	P	1.0
4	☐	50.000	48.794	1341051.89	0.1347	P	0.3
5	☐	125.000	121.144	3285485.10	0.3344	P	0.4
6	☐	250.000	245.593	6609711.91	0.6778	A	0.7
7	☐	500.000	495.490	13178006.89	1.3675	A	0.3
8	☐	1000.000	1003.899	26312947.12	2.7707	A	0.6
9	☐			12236.75	0.0015	P	4.7

y = 0.0028 * x + 1.2117E-005
R = 1.0000
DL = 0.003202
BEC = 0.00439

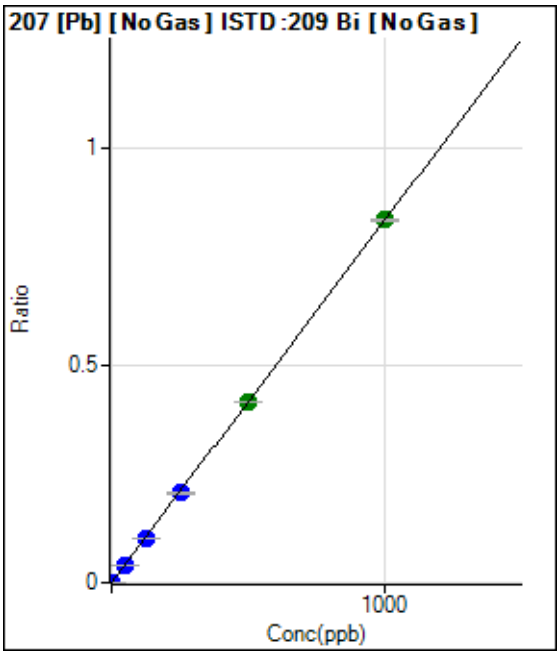
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	401.87	0.0000	P	4.6
2	☐	0.100					
3	☐	1.000	0.954	9268.28	0.0009	P	1.2
4	☐	50.000	49.341	459368.71	0.0461	P	0.3
5	☐	125.000	123.472	1133840.63	0.1154	P	1.2
6	☐	250.000	244.633	2228954.68	0.2286	P	0.2
7	☐	500.000	498.000	4483642.58	0.4653	A	0.0
8	☐	1000.000	1002.566	8895371.55	0.9367	A	0.4
9	☐			51007.35	0.0064	P	1.5

y = 9.3423E-004 * x + 3.8934E-005
R = 1.0000
DL = 0.005776
BEC = 0.04168

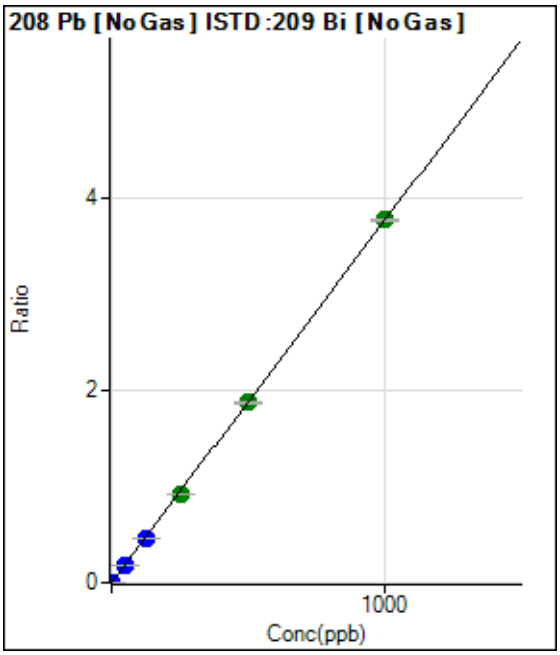
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.79	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.968	8358.43	0.0008	P	1.4
4	☐	50.000	49.621	412611.34	0.0414	P	0.5
5	☐	125.000	124.389	1020253.36	0.1038	P	0.3
6	☐	250.000	247.163	2011475.25	0.2063	P	0.2
7	☐	500.000	497.572	4001349.86	0.4152	A	0.3
8	☐	1000.000	1002.019	7940864.35	0.8362	A	0.8
9	☐			42004.06	0.0053	P	1.7

y = 8.3446E-004 * x + 3.1756E-005
R = 1.0000
DL = 0.01083
BEC = 0.03806

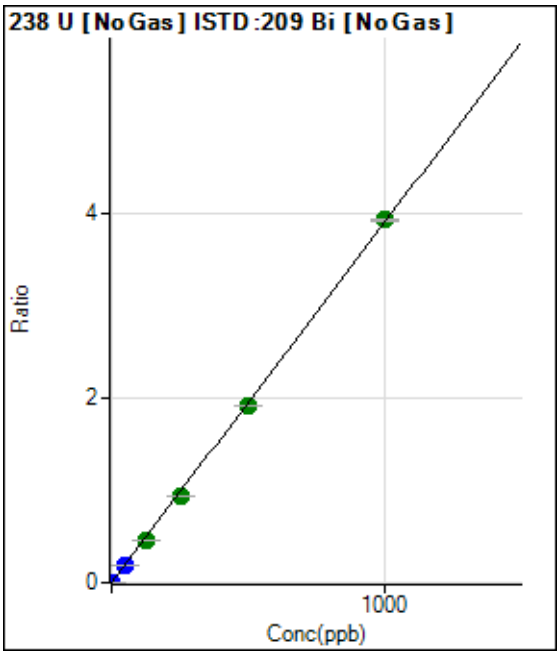
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1603.79	0.0002	P	0.6
2	☐	0.100					
3	☐	1.000	0.968	37814.70	0.0038	P	0.6
4	☐	50.000	49.487	1854913.20	0.1863	P	0.2
5	☐	125.000	123.634	4570896.25	0.4652	P	0.2
6	☐	250.000	245.884	9019746.01	0.9250	A	0.4
7	☐	500.000	497.148	18020423.90	1.8701	A	0.2
8	☐	1000.000	1002.652	35815725.68	3.7714	A	0.6
9	☐			197688.94	0.0248	P	0.7

y = 0.0038 * x + 1.5537E-004
R = 1.0000
DL = 0.0007844
BEC = 0.04131

Weight: <None>
Min Conc: 0



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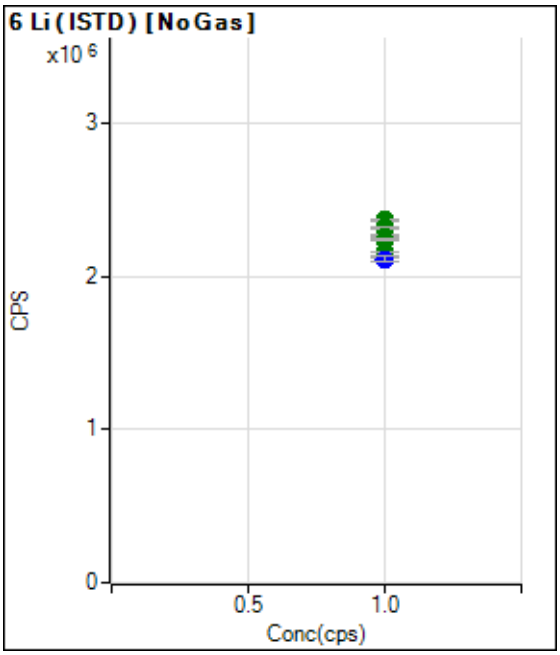
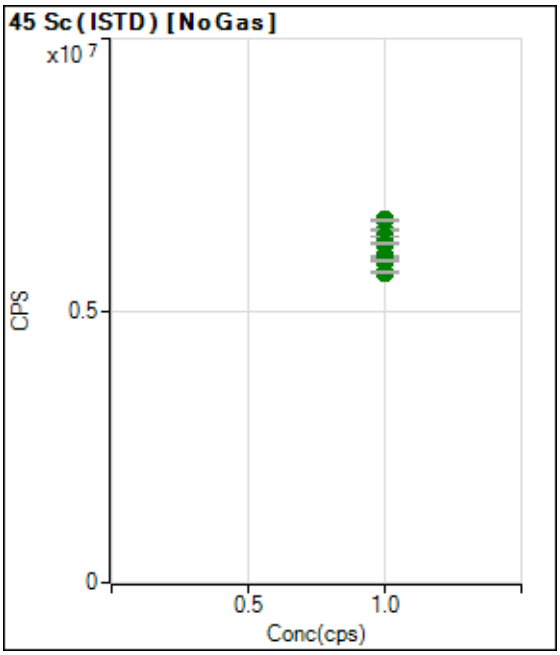
1	☐	0.000	0.000	158.34	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	0.912	35580.23	0.0036	P	1.5
4	☐	50.000	47.167	1832180.36	0.1840	P	0.4
5	☐	125.000	119.115	4565812.73	0.4647	A	0.2
6	☐	250.000	241.882	9200683.02	0.9436	A	0.6
7	☐	500.000	491.195	18464009.79	1.9161	A	1.0
8	☐	1000.000	1007.309	37316198.75	3.9293	A	0.2
9	☐			3792.44	0.0005	P	19.7

y = 0.0039 * x + 1.5332E-005
R = 0.9999
DL = 0.002801
BEC = 0.00393

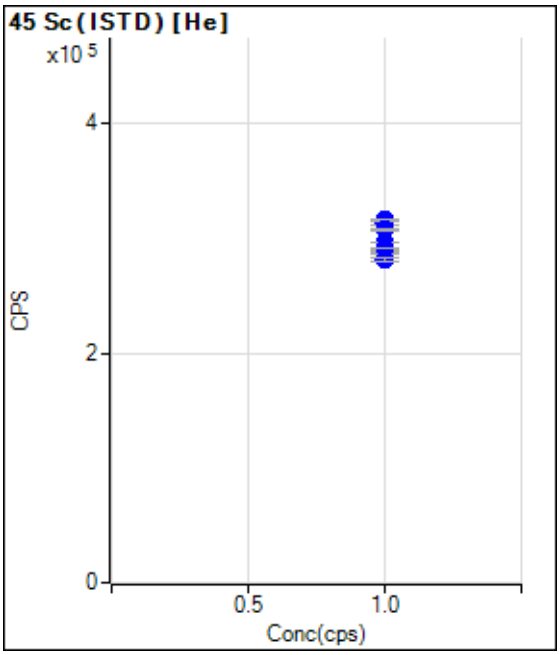
Weight: <None>
Min Conc: 0



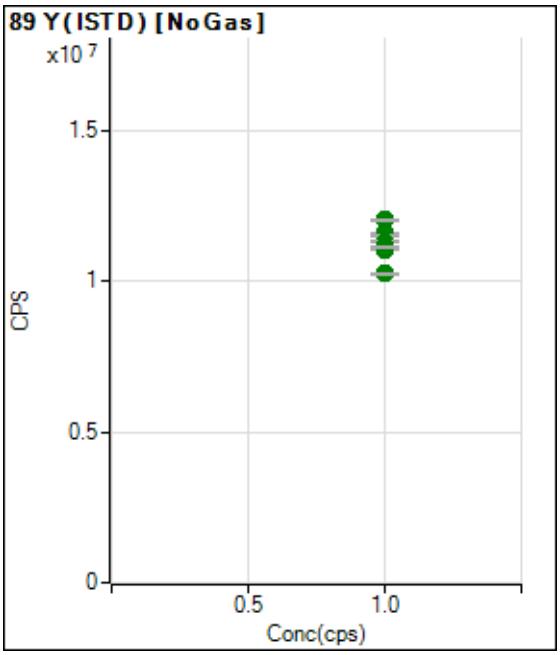
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2371272.45		A	0.4
2	☐	1.000					
3	☐	1.000		2320159.67		A	0.3
4	☐	1.000		2319690.03		A	0.2
5	☐	1.000		2266839.88		A	0.4
6	☐	1.000		2241746.32		A	0.9
7	☐	1.000		2163079.26		A	0.1
8	☐	1.000		2109417.00		M	1.3
9	☐	1.000		2114985.30		P	1.5



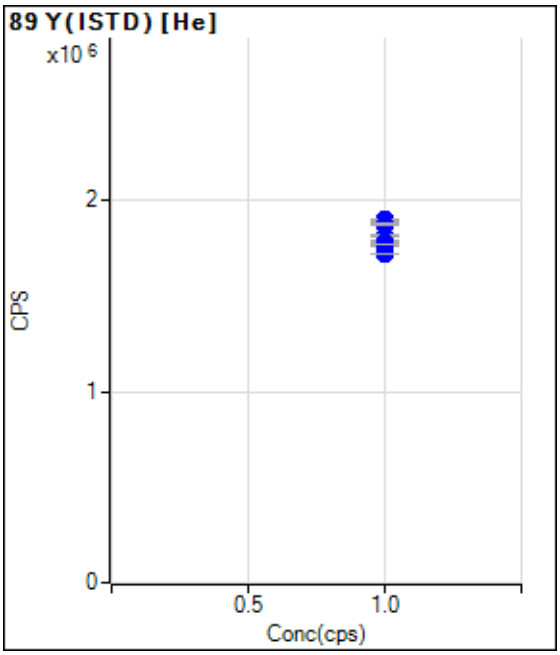
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6668506.36		A	0.7
2	☐	1.000					
3	☐	1.000		6481599.97		A	0.6
4	☐	1.000		6357353.22		A	0.3
5	☐	1.000		6235981.09		A	0.2
6	☐	1.000		5997955.47		A	0.6
7	☐	1.000		5921026.57		A	0.6
8	☐	1.000		5917750.78		A	0.2
9	☐	1.000		5701463.24		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		313492.43		P	0.8
2	☐	1.000					
3	☐	1.000		315930.85		P	0.4
4	☐	1.000		307503.28		P	0.2
5	☐	1.000		296107.37		P	0.2
6	☐	1.000		290794.07		P	0.4
7	☐	1.000		287417.62		P	0.9
8	☐	1.000		291272.91		P	0.2
9	☐	1.000		281863.28		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12017096.76		A	0.5
2	☐	1.000					
3	☐	1.000		11576534.27		A	0.2
4	☐	1.000		11509317.05		A	0.3
5	☐	1.000		11284836.50		A	0.4
6	☐	1.000		11057951.09		A	0.6
7	☐	1.000		11020474.28		A	0.2
8	☐	1.000		11122571.22		A	0.6
9	☐	1.000		10230922.00		A	0.6



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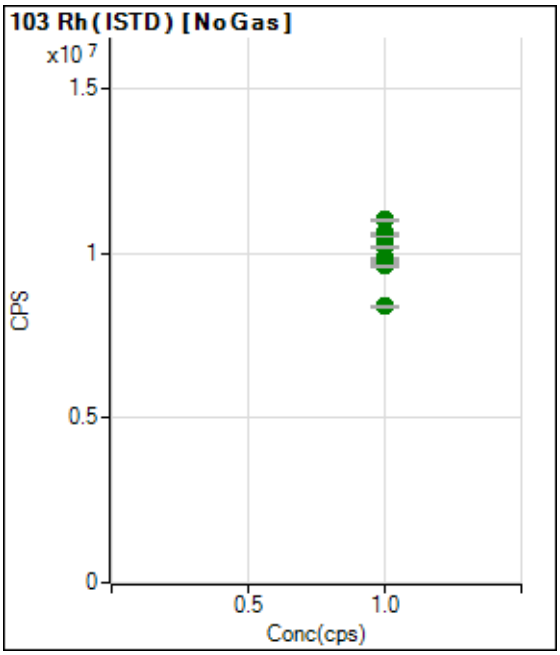
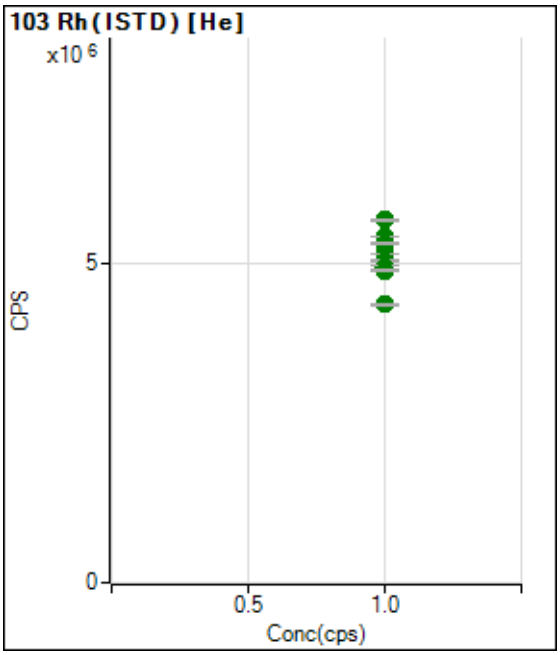
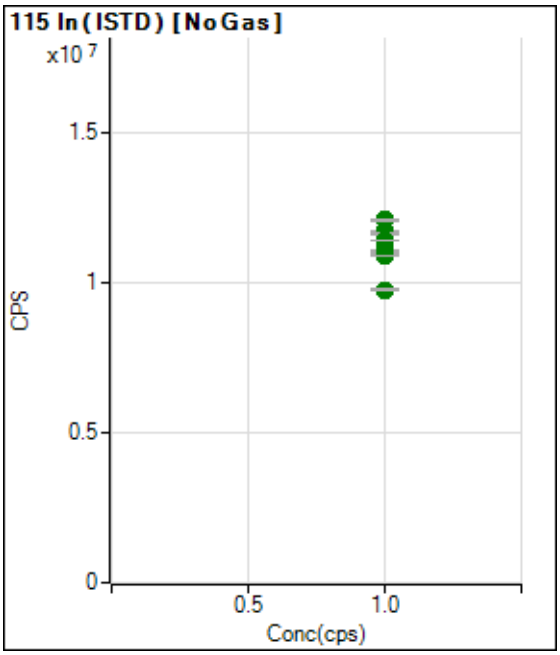
1	☐	1.000		1890902.98		P	0.8
2	☐	1.000					
3	☐	1.000		1899658.74		P	0.4
4	☐	1.000		1874828.44		P	0.5
5	☐	1.000		1815902.60		P	0.2
6	☐	1.000		1786892.72		P	0.6
7	☐	1.000		1768577.70		P	1.2
8	☐	1.000		1774680.84		P	0.3
9	☐	1.000		1721526.36		P	0.5



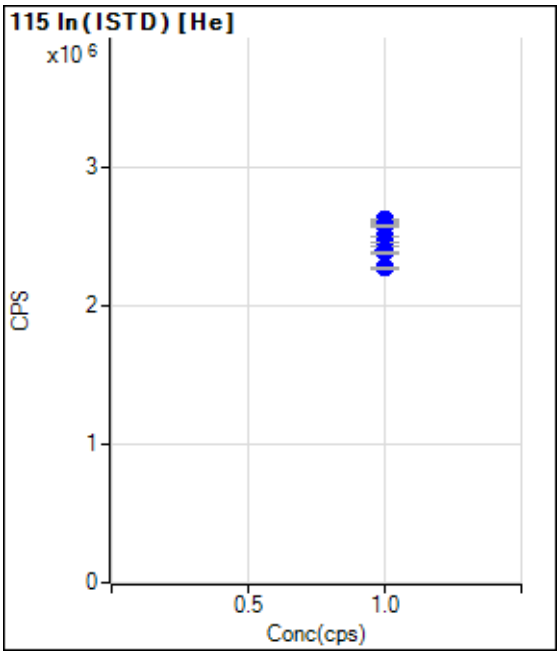
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11005933.23		A	0.5
2	☐	1.000					
3	☐	1.000		10595824.02		A	0.3
4	☐	1.000		10497979.31		A	0.5
5	☐	1.000		10203137.21		A	0.5
6	☐	1.000		9850993.02		A	0.7
7	☐	1.000		9719233.99		A	0.2
8	☐	1.000		9608883.20		A	0.5
9	☐	1.000		8383334.91		A	0.8



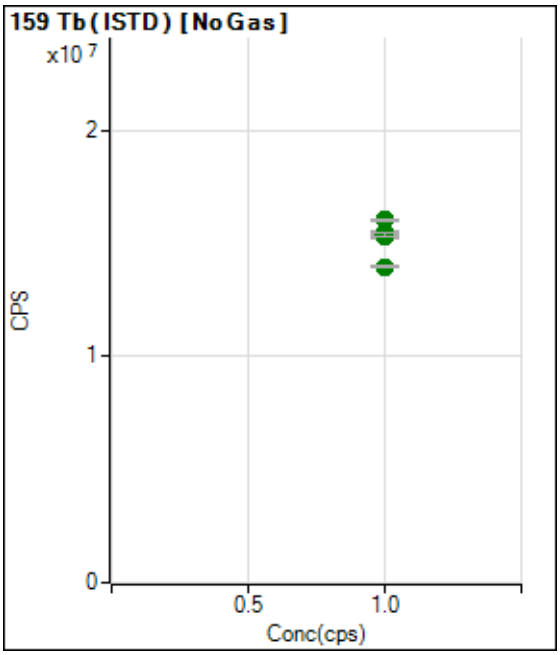
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5671115.19		A	0.4
2	☐	1.000					
3	☐	1.000		5410348.18		A	0.3
4	☐	1.000		5298530.37		A	0.6
5	☐	1.000		5133676.55		A	0.1
6	☐	1.000		5026267.18		A	0.6
7	☐	1.000		4928483.88		A	1.6
8	☐	1.000		4877093.30		A	0.5
9	☐	1.000		4343563.96		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12099532.59		A	0.3
2	☐	1.000					
3	☐	1.000		11715752.17		A	0.3
4	☐	1.000		11632657.05		A	0.2
5	☐	1.000		11418589.82		A	0.4
6	☐	1.000		11079802.34		A	0.5
7	☐	1.000		10980135.16		A	0.1
8	☐	1.000		10880189.85		A	0.1
9	☐	1.000		9778799.79		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2606664.85		P	0.6
2	☐	1.000					
3	☐	1.000		2624581.40		P	0.3
4	☐	1.000		2581963.17		P	0.3
5	☐	1.000		2504151.85		P	0.2
6	☐	1.000		2464132.69		P	0.4
7	☐	1.000		2413495.69		P	1.5
8	☐	1.000		2389817.67		P	0.6
9	☐	1.000		2276736.79		P	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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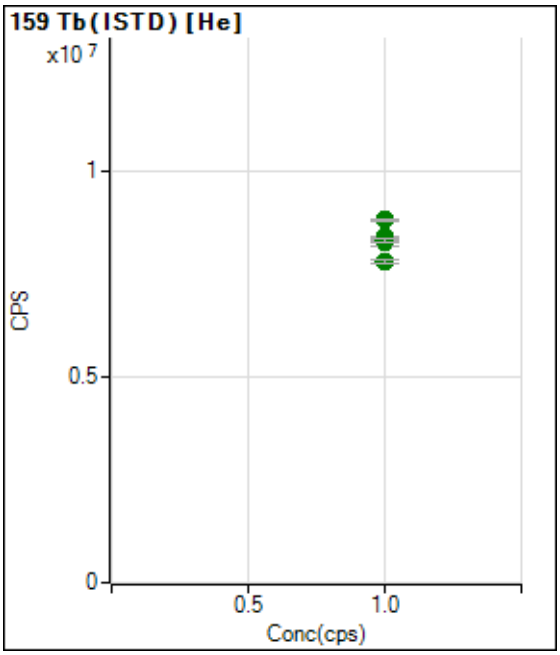
2	☐	1.000					
3	☐	1.000		15488266.30		A	0.3
4	☐	1.000		15450318.38		A	0.3
5	☐	1.000		15407205.47		A	0.6
6	☐	1.000		15252019.91		A	0.3
7	☐	1.000		15270122.97		A	0.3
8	☐	1.000		15385638.11		A	0.7
9	☐	1.000		13959157.43		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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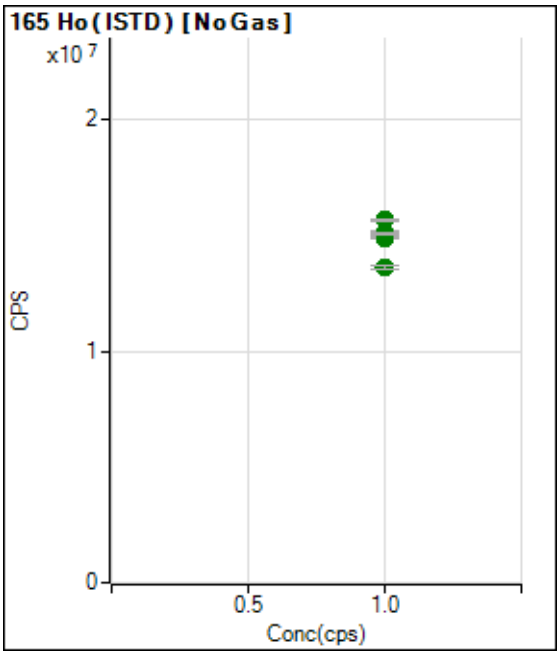
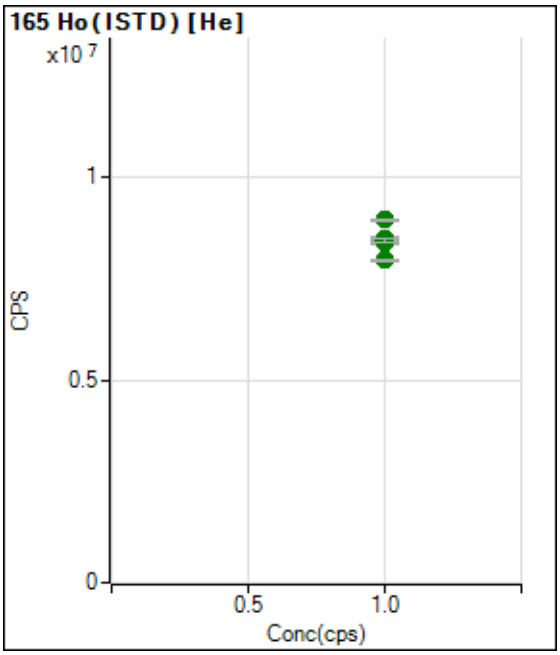
2	☐	1.000					
3	☐	1.000		8373871.96		A	0.6
4	☐	1.000		8395842.86		A	0.2
5	☐	1.000		8301751.06		A	0.6
6	☐	1.000		8305205.78		A	0.5
7	☐	1.000		8250789.04		A	1.7
8	☐	1.000		8317213.76		A	0.7
9	☐	1.000		7798438.56		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15686580.21		A	0.8
2	☐	1.000					
3	☐	1.000		15146371.69		A	0.6
4	☐	1.000		15166620.13		A	0.2
5	☐	1.000		15068684.02		A	0.5
6	☐	1.000		14884669.78		A	0.3
7	☐	1.000		14984691.83		A	0.1
8	☐	1.000		15061311.45		A	0.7
9	☐	1.000		13658902.21		A	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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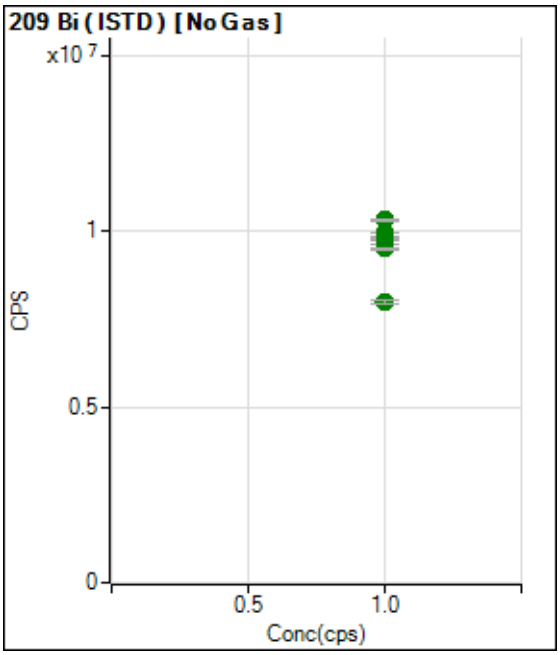
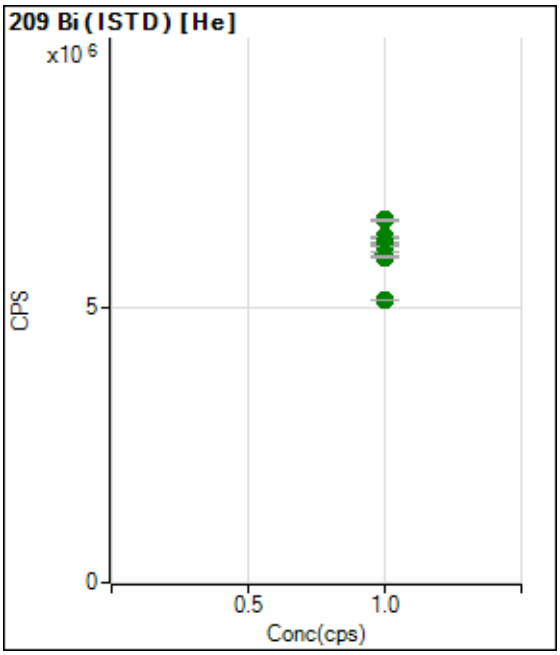
2	☐	1.000					
3	☐	1.000		8515511.33		A	0.7
4	☐	1.000		8510673.28		A	0.1
5	☐	1.000		8464444.87		A	0.1
6	☐	1.000		8438663.14		A	0.2
7	☐	1.000		8403566.68		A	1.5
8	☐	1.000		8451397.10		A	0.9
9	☐	1.000		7950303.49		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10322342.62		A	0.4
2	☐	1.000					
3	☐	1.000		9958904.22		A	0.2
4	☐	1.000		9957172.21		A	0.2
5	☐	1.000		9826165.62		A	0.5
6	☐	1.000		9751214.71		A	0.3
7	☐	1.000		9636308.05		A	0.2
8	☐	1.000		9496856.04		A	0.5
9	☐	1.000		7984773.70		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6595326.36		A	0.8
2	☐	1.000					
3	☐	1.000		6306328.72		A	0.1
4	☐	1.000		6262159.42		A	0.5
5	☐	1.000		6170660.95		A	0.5
6	☐	1.000		6112337.27		A	0.2
7	☐	1.000		5970021.09		A	1.3
8	☐	1.000		5915561.58		A	0.7
9	☐	1.000		5141843.01		A	0.3

US EPA Tune Check Sample Report

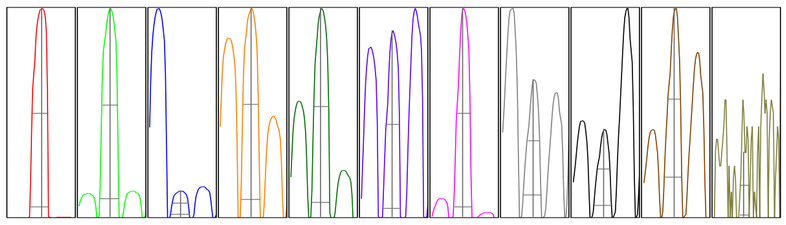
Batch Folder D:\ICP-MS Data\P7073118-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10708	0.81	5.00	
24	514156	0.76	5.00	
25	68299	0.67	5.00	
26	77140	0.57	5.00	
59	99558	0.70	5.00	
113	14683	0.90	5.00	
115	174658	0.47	5.00	
206	44571	0.31	5.00	
207	43096	0.81	5.00	
208	95960	0.52	5.00	
220	0	19.44		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10750	10813	10738	10608	10630
24	516484	518027	516328	509373	510566
25	68509	68860	68481	67789	67858
26	77566	77643	76917	76919	76657
59	100323	100213	99480	99024	98749
113	14710	14864	14711	14625	14505
115	175056	175832	174576	174041	173785
206	44658	44643	44553	44662	44338
207	43298	43481	43245	42746	42711
208	95979	96537	96361	95553	95369
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	16088	9.05	8.9 - 9.1		0.832	0.900	
24	765604	23.95	23.9 - 24.1		0.858	0.900	
25	98944	24.95	24.9 - 25.1		0.847	0.900	
26	115325	25.95	25.9 - 26.1		0.858	0.900	
59	156576	58.90	58.9 - 59.1		0.818	0.900	
113	25533	112.95	112.9 - 113.1		0.780	0.900	
115	305531	114.95	114.9 - 115.1		0.814	0.900	
206	77883	205.95	205.9 - 206.1		0.795	0.900	
207	70767	206.95	206.9 - 207.1		0.789	0.900	
208	167923	207.95	207.9 - 208.1		0.779	0.900	
220	0	219.90	-		0.444		

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

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.7	V	Deflect	15.4	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	27549	0.41	
89	54596	0.61	
205	42536	0.38	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	27399	27510	27623	27692	27519
89	54331	54513	54606	55160	54371
205	42698	42429	42693	42527	42333

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	2.6	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.24	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.19	-0.08	0.27	0.00	N/A	ppb
Boron	11-1	-0.10	0.05	0.05	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.04	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.85	-0.52	-0.34	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.05	0.03	0.00	N/A	ppb
Calcium	43-1	0.41	-0.08	-0.34	0.00	N/A	ppb
Calcium	44-1	1.45	-0.22	-1.23	0.00	N/A	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	-0.10	0.10	0.00	N/A	ppb
Iron	57-2	-0.23	-0.24	0.48	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.05	-0.10	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.28	-0.33	0.61	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-6.10	7.42	-15.72	-4.80		ppb
Potassium	39-2	1.08	-1.30	0.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.24	-0.12	-0.12	0.00	N/A	ppb
Selenium	78-2	-0.15	-0.07	0.22	0.00	N/A	ppb
Selenium	82-1	-0.05	-0.08	0.12	0.00	N/A	ppb
Silicon	28-1	-0.29	0.10	0.19	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.23	0.01	-0.24	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-229.27	-138.58	-209.80	-192.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.05	0.04	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

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

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.38	19.47	21.19	20.68	5.10	ppb
Antimony	121-1	2.03	1.97	2.00	2.00	1.42	ppb
Arsenic	75-2	0.95	0.94	1.14	1.01	11.54	ppb
Barium	135-1	9.73	9.87	10.15	9.92	2.17	ppb
Barium	137-1	9.94	10.14	9.80	9.96	1.72	ppb
Beryllium	9-1	1.07	1.00	1.13	1.07	6.45	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	24.50	22.39	23.57	23.49	4.50	ppb
Boron	11-1	23.89	24.20	25.18	24.42	2.77	ppb
Cadmium	111-1	1.07	1.08	1.24	1.13	8.45	ppb
Cadmium	106-1	2.24	1.10	2.49	1.94	38.17	ppb
Cadmium	108-1	1.14	0.91	1.07	1.04	11.32	ppb
Calcium	43-1	452.61	456.61	464.52	457.91	1.32	ppb
Calcium	44-1	464.39	453.27	455.22	457.63	1.30	ppb
Chromium	52-2	2.14	2.14	2.16	2.14	0.48	ppb
Cobalt	59-2	1.02	1.06	1.03	1.04	1.71	ppb
Copper	63-2	2.04	2.12	2.06	2.07	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	51.02	50.90	50.67	50.87	0.35	ppb
Iron	57-2	51.72	49.66	55.81	52.40	5.98	ppb
Lead	206-1	0.97	0.94	0.95	0.95	1.25	ppb
Lead	207-1	0.98	0.96	0.97	0.97	1.41	ppb
Lead	208-1	0.97	0.97	0.96	0.97	0.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	478.42	476.16	481.34	478.64	0.54	ppb
Manganese	55-2	1.00	1.03	1.05	1.02	2.54	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.56	4.49	4.51	4.52	0.78	ppb
Molybdenum	95-1	4.74	4.77	4.84	4.78	1.04	ppb
Molybdenum	96-1	4.95	4.73	4.72	4.80	2.70	ppb
Molybdenum	97-1	4.77	4.81	4.86	4.81	0.90	ppb
Molybdenum	98-1	4.97	5.02	4.80	4.93	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.09	1.07	1.10	2.91	ppb
Phosphorus	31-2	21.59	-1.96	-5.23	4.80	304.78	ppb
Potassium	39-2	479.37	470.18	479.85	476.47	1.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	5.82	4.46	6.55	5.61	18.94	ppb
Selenium	78-2	4.49	5.42	5.52	5.14	11.00	ppb
Selenium	82-1	5.02	4.63	5.25	4.97	6.40	ppb
Silicon	28-1	13.71	13.19	13.19	13.36	2.24	ppb
Silver	109-1	1.05	1.05	1.07	1.05	1.05	ppb
Silver	107-1	1.01	1.06	1.11	1.06	5.07	ppb
Sodium	23-2	484.07	488.94	483.28	485.43	0.63	ppb
Strontium	86-1	0.98	0.98	1.02	0.99	2.09	ppb
Strontium	88-1	0.96	0.98	0.96	0.97	0.74	ppb
Sulfur	34-1	274.21	74.17	229.27	192.55	54.51	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.94	0.93	0.95	0.94	0.61	ppb
Thallium	205-1	0.96	0.97	0.97	0.97	1.02	ppb
Tin	118-1	5.06	5.03	5.02	5.04	0.47	ppb
Titanium	47-1	4.88	5.14	4.86	4.96	3.15	ppb
Uranium	238-1	0.90	0.93	0.91	0.91	1.52	ppb
Vanadium	51-2	4.74	4.80	4.80	4.78	0.77	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	2.01	2.24	2.30	2.18	6.84	ppb
Zirconium	90-1	1.01	0.98	1.00	1.00	1.68	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.92	0.91	0.92	0.97	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.51	999.10	997.48	999.37	0.20	ppb
Antimony	121-1	51.92	51.73	51.37	51.67	0.55	ppb
Arsenic	75-2	52.76	51.21	50.09	51.35	2.61	ppb
Barium	135-1	258.88	255.99	257.02	257.30	0.57	ppb
Barium	137-1	256.25	259.11	258.33	257.90	0.57	ppb
Beryllium	9-1	53.06	52.99	53.01	53.02	0.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	51.36	49.49	49.97	50.27	1.93	ppb
Boron	11-1	50.95	51.25	50.30	50.84	0.95	ppb
Cadmium	111-1	54.59	54.20	54.33	54.37	0.36	ppb
Cadmium	106-1	54.36	54.73	54.29	54.46	0.43	ppb
Cadmium	108-1	54.89	52.08	52.94	53.31	2.70	ppb
Calcium	43-1	4974.41	5010.10	5018.97	5001.16	0.47	ppb
Calcium	44-1	4928.75	4924.45	4923.12	4925.44	0.06	ppb
Chromium	52-2	51.65	51.38	51.24	51.42	0.40	ppb
Cobalt	59-2	52.53	52.90	51.64	52.36	1.23	ppb
Copper	63-2	106.36	106.51	105.98	106.28	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	2629.21	2646.61	2618.60	2631.47	0.54	ppb
Iron	57-2	2663.60	2679.17	2635.65	2659.47	0.83	ppb
Lead	206-1	49.52	49.32	49.19	49.34	0.34	ppb
Lead	207-1	49.44	49.93	49.49	49.62	0.54	ppb
Lead	208-1	49.40	49.56	49.50	49.49	0.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	5171.40	5178.14	5092.63	5147.39	0.92	ppb
Manganese	55-2	103.19	103.91	102.53	103.21	0.67	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.46	249.43	251.84	250.58	0.48	ppb
Molybdenum	95-1	249.96	251.07	250.46	250.49	0.22	ppb
Molybdenum	96-1	252.31	249.22	249.82	250.45	0.65	ppb
Molybdenum	97-1	251.77	251.08	250.21	251.02	0.31	ppb
Molybdenum	98-1	251.36	249.04	251.49	250.63	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.05	52.94	52.70	52.90	0.33	ppb
Phosphorus	31-2	1061.07	1051.74	1116.77	1076.53	3.27	ppb
Potassium	39-2	2503.17	2532.81	2484.53	2506.84	0.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	52.41	52.17	54.76	53.11	2.70	ppb
Selenium	78-2	51.35	51.86	55.31	52.84	4.08	ppb
Selenium	82-1	52.63	53.33	53.82	53.26	1.12	ppb
Silicon	28-1	54.28	56.06	55.68	55.34	1.70	ppb
Silver	109-1	54.17	54.22	54.33	54.24	0.15	ppb
Silver	107-1	54.56	53.99	54.44	54.33	0.55	ppb
Sodium	23-2	5040.75	5034.01	5007.45	5027.41	0.35	ppb
Strontium	86-1	51.46	50.94	51.45	51.28	0.58	ppb
Strontium	88-1	50.61	50.27	50.53	50.47	0.36	ppb
Sulfur	34-1	1480.45	1343.57	1343.92	1389.31	5.68	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	48.73	49.02	48.92	48.89	0.29	ppb
Thallium	205-1	48.74	48.68	48.97	48.79	0.32	ppb
Tin	118-1	51.50	51.72	51.56	51.59	0.23	ppb
Titanium	47-1	249.58	251.85	247.58	249.67	0.86	ppb
Uranium	238-1	47.39	47.09	47.02	47.17	0.41	ppb
Vanadium	51-2	50.98	50.42	49.91	50.44	1.05	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	101.71	102.79	101.85	102.12	0.57	ppb
Zirconium	90-1	49.46	49.53	49.56	49.52	0.10	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.70	49.48	50.17	49.78	0.71	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2529.87	2509.82	2476.31	2505.34	1.08	ppb
Antimony	121-1	127.55	126.72	127.32	127.20	0.34	ppb
Arsenic	75-2	127.17	127.16	125.71	126.68	0.66	ppb
Barium	135-1	639.31	630.97	631.27	633.85	0.75	ppb
Barium	137-1	636.79	627.56	630.05	631.47	0.76	ppb
Beryllium	9-1	132.18	131.31	131.34	131.61	0.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	121.12	127.64	127.15	125.30	2.90	ppb
Boron	11-1	123.95	127.06	127.23	126.08	1.46	ppb
Cadmium	111-1	134.07	133.05	134.06	133.73	0.44	ppb
Cadmium	106-1	137.93	132.36	135.27	135.19	2.06	ppb
Cadmium	108-1	133.26	131.12	130.76	131.71	1.03	ppb
Calcium	43-1	12355.73	12173.13	12293.78	12274.21	0.76	ppb
Calcium	44-1	12153.48	12145.08	12141.62	12146.73	0.05	ppb
Chromium	52-2	129.22	127.70	127.48	128.13	0.74	ppb
Cobalt	59-2	129.70	128.96	129.34	129.33	0.29	ppb
Copper	63-2	262.24	263.20	261.29	262.24	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	6609.20	6555.63	6522.43	6562.42	0.67	ppb
Iron	57-2	6637.59	6589.78	6549.75	6592.38	0.67	ppb
Lead	206-1	122.11	124.98	123.33	123.47	1.17	ppb
Lead	207-1	124.40	124.06	124.71	124.39	0.26	ppb
Lead	208-1	123.44	123.90	123.56	123.63	0.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	13078.01	12893.04	12899.99	12957.02	0.81	ppb
Manganese	55-2	257.80	255.48	255.84	256.37	0.49	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	623.82	626.07	628.37	626.09	0.36	ppb
Molybdenum	95-1	624.66	627.25	627.99	626.63	0.28	ppb
Molybdenum	96-1	627.42	630.41	625.54	627.79	0.39	ppb
Molybdenum	97-1	622.48	631.17	623.47	625.71	0.76	ppb
Molybdenum	98-1	621.30	624.09	621.14	622.18	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.39	131.61	131.24	131.41	0.14	ppb
Phosphorus	31-2	2599.02	2569.09	2527.87	2565.33	1.39	ppb
Potassium	39-2	6249.96	6229.73	6194.76	6224.82	0.45	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	125.21	126.76	121.89	124.62	2.00	ppb
Selenium	78-2	133.39	128.70	128.67	130.26	2.09	ppb
Selenium	82-1	131.98	131.79	133.74	132.50	0.81	ppb
Silicon	28-1	138.57	142.06	141.72	140.78	1.37	ppb
Silver	109-1	133.60	131.56	133.12	132.76	0.81	ppb
Silver	107-1	134.24	131.17	131.88	132.43	1.21	ppb
Sodium	23-2	12761.10	12635.59	12582.75	12659.82	0.72	ppb
Strontium	86-1	127.35	127.34	126.59	127.09	0.34	ppb
Strontium	88-1	125.95	124.92	125.09	125.32	0.44	ppb
Sulfur	34-1	2889.36	2816.10	2655.56	2787.01	4.29	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	122.40	122.28	122.84	122.51	0.24	ppb
Thallium	205-1	120.93	121.63	120.87	121.14	0.35	ppb
Tin	118-1	127.90	125.87	126.99	126.92	0.80	ppb
Titanium	47-1	630.10	619.45	622.06	623.87	0.89	ppb
Uranium	238-1	119.40	118.84	119.11	119.11	0.23	ppb
Vanadium	51-2	127.38	126.67	125.86	126.64	0.60	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	251.62	252.48	248.10	250.74	0.93	ppb
Zirconium	90-1	122.98	123.55	123.22	123.25	0.23	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.22	123.61	125.17	124.33	0.63	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4909.78	4882.92	4930.73	4907.81	0.49	ppb
Antimony	121-1	249.37	249.39	249.62	249.46	0.06	ppb
Arsenic	75-2	251.77	252.02	260.75	254.85	2.01	ppb
Barium	135-1	1248.03	1234.99	1249.78	1244.27	0.65	ppb
Barium	137-1	1242.61	1248.58	1249.02	1246.74	0.29	ppb
Beryllium	9-1	255.42	254.93	253.79	254.71	0.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	243.36	256.33	246.21	248.63	2.74	ppb
Boron	11-1	244.88	254.99	252.80	250.89	2.12	ppb
Cadmium	111-1	257.74	258.74	259.15	258.54	0.28	ppb
Cadmium	106-1	253.92	266.15	256.30	258.79	2.50	ppb
Cadmium	108-1	259.99	257.95	255.75	257.90	0.82	ppb
Calcium	43-1	24700.51	24377.24	24572.20	24549.98	0.66	ppb
Calcium	44-1	24498.09	24202.55	24497.16	24399.27	0.70	ppb
Chromium	52-2	254.16	255.19	254.09	254.48	0.24	ppb
Cobalt	59-2	253.54	256.19	254.40	254.71	0.53	ppb
Copper	63-2	513.69	515.21	515.55	514.82	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	13011.01	13080.02	12983.06	13024.70	0.38	ppb
Iron	57-2	13011.46	13099.23	13107.89	13072.86	0.41	ppb
Lead	206-1	244.23	244.96	244.71	244.63	0.15	ppb
Lead	207-1	246.57	247.38	247.54	247.16	0.21	ppb
Lead	208-1	245.92	244.92	246.81	245.88	0.38	ppb
Lithium	6-1				95		%
Magnesium	24-2	25729.21	25682.32	25884.16	25765.23	0.41	ppb
Manganese	55-2	508.79	507.88	505.41	507.36	0.34	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1243.11	1232.80	1254.36	1243.42	0.87	ppb
Molybdenum	95-1	1237.05	1234.29	1251.40	1240.91	0.74	ppb
Molybdenum	96-1	1246.42	1243.11	1247.13	1245.56	0.17	ppb
Molybdenum	97-1	1232.34	1240.36	1242.47	1238.39	0.43	ppb
Molybdenum	98-1	1240.74	1244.04	1245.86	1243.54	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.30	259.92	257.50	258.24	0.57	ppb
Phosphorus	31-2	5004.46	5031.04	5157.04	5064.18	1.61	ppb
Potassium	39-2	12288.31	12302.69	12287.61	12292.87	0.07	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	77-2	263.70	261.64	264.40	263.25	0.55	ppb
Selenium	78-2	253.22	263.13	259.91	258.75	1.95	ppb
Selenium	82-1	258.48	258.42	259.30	258.73	0.19	ppb
Silicon	28-1	284.13	289.79	291.69	288.54	1.36	ppb
Silver	109-1	257.25	255.01	256.34	256.20	0.44	ppb
Silver	107-1	255.63	255.01	254.16	254.94	0.29	ppb
Sodium	23-2	25008.97	25132.05	25200.29	25113.77	0.39	ppb
Strontium	86-1	247.81	249.60	249.09	248.83	0.37	ppb
Strontium	88-1	248.33	247.86	249.60	248.60	0.36	ppb
Sulfur	34-1	5035.42	5053.14	4948.18	5012.24	1.12	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	241.98	240.14	244.66	242.26	0.94	ppb
Thallium	205-1	246.14	243.57	247.07	245.59	0.74	ppb
Tin	118-1	249.31	247.65	249.24	248.73	0.38	ppb
Titanium	47-1	1236.41	1229.96	1245.89	1237.42	0.65	ppb
Uranium	238-1	240.33	242.92	242.40	241.88	0.57	ppb
Vanadium	51-2	251.58	253.32	250.69	251.86	0.53	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	496.78	493.95	496.66	495.80	0.32	ppb
Zirconium	90-1	246.62	247.69	247.34	247.22	0.22	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.00	243.47	247.88	245.45	0.91	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9779.89	9996.85	9796.68	9857.81	1.22	ppb
Antimony	121-1	502.23	498.97	503.24	501.48	0.45	ppb
Arsenic	75-2	507.32	513.22	508.66	509.73	0.61	ppb
Barium	135-1	2500.82	2502.04	2513.96	2505.61	0.29	ppb
Barium	137-1	2500.94	2494.87	2507.18	2501.00	0.25	ppb
Beryllium	9-1	503.78	505.13	507.36	505.42	0.36	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	488.55	490.84	509.32	496.23	2.29	ppb
Boron	11-1	489.90	496.41	509.15	498.49	1.96	ppb
Cadmium	111-1	509.89	508.21	504.59	507.56	0.53	ppb
Cadmium	106-1	510.76	509.67	514.98	511.81	0.55	ppb
Cadmium	108-1	505.99	503.88	508.80	506.22	0.49	ppb
Calcium	43-1	49215.20	48490.43	48775.73	48827.12	0.75	ppb
Calcium	44-1	48926.61	48528.64	48692.24	48715.83	0.41	ppb
Chromium	52-2	502.18	519.68	509.12	510.33	1.73	ppb
Cobalt	59-2	504.92	515.46	507.71	509.36	1.07	ppb
Copper	63-2	1029.70	1043.36	1023.20	1032.09	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				96		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	26491.51	26417.46	26073.62	26327.53	0.85	ppb
Iron	57-2	26191.49	26540.68	26045.43	26259.20	0.97	ppb
Lead	206-1	498.01	498.16	497.83	498.00	0.03	ppb
Lead	207-1	497.84	496.21	498.67	497.57	0.25	ppb
Lead	208-1	497.99	496.43	497.03	497.15	0.16	ppb
Lithium	6-1				91		%
Magnesium	24-2	50939.45	52229.31	51365.87	51511.54	1.28	ppb
Manganese	55-2	1016.78	1033.43	1021.19	1023.80	0.84	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2502.73	2481.06	2511.89	2498.56	0.63	ppb
Molybdenum	95-1	2483.86	2476.14	2499.82	2486.61	0.49	ppb
Molybdenum	96-1	2495.81	2503.76	2510.95	2503.51	0.30	ppb
Molybdenum	97-1	2482.79	2503.07	2494.31	2493.39	0.41	ppb
Molybdenum	98-1	2495.57	2496.49	2483.19	2491.75	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.21	520.78	514.75	516.25	0.77	ppb
Phosphorus	31-2	10125.61	10364.96	10245.84	10245.47	1.17	ppb
Potassium	39-2	24467.02	25247.37	24683.50	24799.30	1.62	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	528.54	524.07	511.57	521.39	1.69	ppb
Selenium	78-2	494.55	522.81	501.76	506.37	2.90	ppb
Selenium	82-1	508.43	507.77	507.01	507.74	0.14	ppb
Silicon	28-1	533.33	542.97	543.35	539.88	1.05	ppb
Silver	109-1	506.60	508.45	508.84	507.96	0.24	ppb
Silver	107-1	512.11	502.99	508.36	507.82	0.90	ppb
Sodium	23-2	50269.37	51043.21	50564.15	50625.58	0.77	ppb
Strontium	86-1	501.32	500.97	502.62	501.64	0.17	ppb
Strontium	88-1	501.82	499.73	503.48	501.68	0.37	ppb
Sulfur	34-1	9895.22	9870.24	9698.46	9821.31	1.09	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	498.08	498.60	492.51	496.40	0.68	ppb
Thallium	205-1	495.40	497.22	493.85	495.49	0.34	ppb
Tin	118-1	499.58	505.01	501.86	502.15	0.54	ppb
Titanium	47-1	2491.66	2474.02	2492.15	2485.94	0.42	ppb
Uranium	238-1	486.28	491.70	495.61	491.19	0.95	ppb
Vanadium	51-2	502.33	517.22	509.44	509.66	1.46	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	970.93	992.30	973.66	978.97	1.19	ppb
Zirconium	90-1	498.05	500.23	501.80	500.03	0.38	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.49	492.83	494.06	493.13	0.17	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19167.57	19027.21	18950.72	19048.50	0.58	ppb
Antimony	121-1	995.99	1005.56	995.57	999.04	0.57	ppb
Arsenic	75-2	991.96	993.89	995.07	993.64	0.16	ppb
Barium	135-1	4986.18	5034.78	4970.51	4997.16	0.67	ppb
Barium	137-1	5020.19	5004.56	4972.59	4999.11	0.49	ppb
Beryllium	9-1	995.56	1006.07	983.76	995.13	1.12	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	981.70	1019.02	1005.92	1002.21	1.89	ppb
Boron	11-1	975.01	1020.16	1005.95	1000.37	2.31	ppb
Cadmium	111-1	992.07	997.08	989.17	992.77	0.40	ppb
Cadmium	106-1	977.22	998.55	995.43	990.40	1.16	ppb
Cadmium	108-1	1004.74	992.81	984.18	993.91	1.04	ppb
Calcium	43-1	97567.11	97579.99	97204.76	97450.62	0.22	ppb
Calcium	44-1	98186.50	97966.41	98216.12	98123.01	0.14	ppb
Chromium	52-2	988.14	1000.07	991.54	993.25	0.62	ppb
Cobalt	59-2	996.76	992.43	991.26	993.48	0.29	ppb
Copper	63-2	1972.70	1982.93	1979.59	1978.41	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	51313.28	51703.86	51122.62	51379.92	0.58	ppb
Iron	57-2	50677.96	51144.78	51078.92	50967.22	0.50	ppb
Lead	206-1	1000.56	1006.94	1000.19	1002.57	0.38	ppb
Lead	207-1	1010.26	1002.24	993.56	1002.02	0.83	ppb
Lead	208-1	1008.18	1002.76	997.01	1002.65	0.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	99994.27	100016.25	100047.33	100019.28	0.03	ppb
Manganese	55-2	1980.80	1998.05	1977.06	1985.30	0.56	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4990.55	5028.50	4987.54	5002.20	0.46	ppb
Molybdenum	95-1	5022.69	5017.65	4985.87	5008.74	0.40	ppb
Molybdenum	96-1	4982.08	5022.38	4992.50	4998.99	0.42	ppb
Molybdenum	97-1	5022.52	5002.93	4992.76	5006.07	0.30	ppb
Molybdenum	98-1	4998.08	5016.80	5003.30	5006.06	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.79	990.48	989.33	988.87	0.19	ppb
Phosphorus	31-2	19729.50	19959.40	19858.78	19849.23	0.58	ppb
Potassium	39-2	48661.11	48570.10	48743.93	48658.38	0.18	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	77-2	980.92	989.24	987.49	985.88	0.44	ppb
Selenium	78-2	994.81	994.05	992.62	993.83	0.11	ppb
Selenium	82-1	996.27	991.09	991.18	992.85	0.30	ppb
Silicon	28-1	959.60	964.41	980.44	968.15	1.13	ppb
Silver	109-1	987.61	1001.34	990.92	993.29	0.72	ppb
Silver	107-1	989.75	999.64	991.74	993.71	0.53	ppb
Sodium	23-2	98342.95	98906.29	98643.07	98630.77	0.29	ppb
Strontium	86-1	997.67	997.48	1002.30	999.15	0.27	ppb
Strontium	88-1	996.97	1000.97	1000.41	999.45	0.22	ppb
Sulfur	34-1	19946.21	20075.65	20070.97	20030.94	0.37	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	1004.25	1007.34	1000.72	1004.10	0.33	ppb
Thallium	205-1	1001.84	1010.32	999.54	1003.90	0.57	ppb
Tin	118-1	1002.18	1000.07	994.52	998.92	0.40	ppb
Titanium	47-1	5018.43	5014.85	4997.72	5010.33	0.22	ppb
Uranium	238-1	1007.61	1008.95	1005.37	1007.31	0.18	ppb
Vanadium	51-2	993.30	997.18	992.96	994.48	0.24	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	2008.70	2020.55	2004.86	2011.37	0.41	ppb
Zirconium	90-1	1001.18	1005.76	995.83	1000.92	0.50	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1004.72	1005.75	1003.53	1004.67	0.11	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99916.69	100765.33	99944.99	100209.00	0.48	ppb
Antimony	121-1	1.68	1.68	1.61	1.66	2.52	ppb
Arsenic	75-2	1.66	1.60	1.51	1.59	4.51	ppb
Barium	135-1	1.19	0.99	1.04	1.07	9.54	ppb
Barium	137-1	1.28	1.17	1.05	1.17	9.86	ppb
Beryllium	9-1	0.26	0.21	0.16	0.21	21.62	ppb
Bismuth	209-1				77		%
Bismuth	209-2				78		%
Boron	10-1	35.87	32.62	31.11	33.20	7.34	ppb
Boron	11-1	35.37	32.84	29.37	32.53	9.26	ppb
Cadmium	111-1	0.44	0.34	0.33	0.37	14.97	ppb
Cadmium	106-1	2.06	1.54	1.30	1.63	23.84	ppb
Cadmium	108-1	0.30	0.26	0.19	0.25	22.19	ppb
Calcium	43-1	499947.84	503612.48	498405.70	500655.34	0.53	ppb
Calcium	44-1	500181.80	502401.57	499047.05	500543.47	0.34	ppb
Chromium	52-2	36.13	36.01	35.62	35.92	0.74	ppb
Cobalt	59-2	11.93	12.08	11.89	11.97	0.83	ppb
Copper	63-2	4.26	4.20	4.31	4.25	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				81		%
Indium	115-2				87		%
Iron	56-2	249699.97	250969.18	247998.57	249555.90	0.60	ppb
Iron	57-2	248988.82	252217.10	247719.60	249641.84	0.93	ppb
Lead	206-1	6.85	6.86	6.68	6.80	1.53	ppb
Lead	207-1	6.36	6.15	6.28	6.27	1.69	ppb
Lead	208-1	6.59	6.53	6.50	6.54	0.73	ppb
Lithium	6-1				89		%
Magnesium	24-2	496245.15	503389.92	499746.48	499793.85	0.71	ppb
Manganese	55-2	9.96	10.13	10.16	10.08	1.03	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.19	5.41	5.43	5.34	2.44	ppb
Molybdenum	95-1	7.81	7.40	7.49	7.57	2.81	ppb
Molybdenum	96-1	9.07	9.08	8.82	8.99	1.61	ppb
Molybdenum	97-1	7.67	7.52	7.55	7.58	1.02	ppb
Molybdenum	98-1	7.72	7.59	7.17	7.50	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.71	30.59	30.07	30.12	1.46	ppb
Phosphorus	31-2	8.49	2.08	14.21	8.26	73.48	ppb
Potassium	39-2	248229.33	251256.57	251412.18	250299.36	0.72	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	77-2	0.27	0.27	0.65	0.40	55.69	ppb
Selenium	78-2	0.99	0.93	1.03	0.98	4.75	ppb
Selenium	82-1	2.16	1.46	1.57	1.73	21.82	ppb
Silicon	28-1	122.94	128.63	130.49	127.35	3.09	ppb
Silver	109-1	0.15	0.10	0.12	0.12	19.40	ppb
Silver	107-1	0.14	0.12	0.13	0.13	9.37	ppb
Sodium	23-2	497222.95	505086.60	498294.49	500201.34	0.85	ppb
Strontium	86-1	5.04	5.06	4.94	5.01	1.31	ppb
Strontium	88-1	4.96	5.08	4.96	5.00	1.35	ppb
Sulfur	34-1	-447.53	-191.62	-59.26	-232.80		ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	0.62	0.52	0.53	0.56	9.52	ppb
Thallium	205-1	0.56	0.57	0.52	0.55	4.77	ppb
Tin	118-1	1.87	1.72	1.73	1.78	4.71	ppb
Titanium	47-1	2.68	2.81	2.47	2.65	6.45	ppb
Uranium	238-1	0.14	0.12	0.10	0.12	20.33	ppb
Vanadium	51-2	0.40	0.43	0.38	0.40	5.61	ppb
Yttrium	89-1				85		%
Yttrium	89-2				91		%
Zinc	66-2	12.71	12.82	11.93	12.49	3.89	ppb
Zirconium	90-1	0.22	0.22	0.17	0.20	16.47	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.18	0.16	0.19	21.51	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	500.07	484.66	502.63	495.79	1.96	ppb
Antimony	121-1	193.18	192.86	191.71	192.58	0.40	ppb
Arsenic	75-2	201.23	205.02	201.55	202.60	1.04	ppb
Barium	135-1	99.47	99.11	99.81	99.46	0.35	ppb
Barium	137-1	98.77	99.70	98.90	99.12	0.50	ppb
Beryllium	9-1	96.78	98.31	98.27	97.78	0.89	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	509.68	535.14	546.23	530.35	3.53	ppb
Boron	11-1	523.87	539.62	548.86	537.45	2.35	ppb
Cadmium	111-1	107.65	108.26	107.86	107.92	0.29	ppb
Cadmium	106-1	183.03	183.72	183.76	183.50	0.22	ppb
Cadmium	108-1	147.69	150.62	144.72	147.67	2.00	ppb
Calcium	43-1	2161.44	2241.95	2165.50	2189.63	2.07	ppb
Calcium	44-1	2036.04	2027.41	2024.70	2029.38	0.29	ppb
Chromium	52-2	97.28	96.68	97.05	97.01	0.31	ppb
Cobalt	59-2	99.53	98.73	100.22	99.50	0.75	ppb
Copper	63-2	102.81	103.02	102.33	102.72	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	56-2	1003.50	1007.34	1002.09	1004.31	0.27	ppb
Iron	57-2	1046.54	1016.94	1029.24	1030.91	1.44	ppb
Lead	206-1	193.10	191.60	193.10	192.60	0.45	ppb
Lead	207-1	188.74	187.71	186.97	187.80	0.47	ppb
Lead	208-1	191.35	191.01	189.99	190.78	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	1192.44	1192.41	1199.82	1194.89	0.36	ppb
Manganese	55-2	98.63	98.65	99.28	98.85	0.37	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1122.50	1115.92	1113.58	1117.34	0.41	ppb
Molybdenum	95-1	525.49	527.09	525.87	526.15	0.16	ppb
Molybdenum	96-1	607.00	607.46	603.90	606.12	0.32	ppb
Molybdenum	97-1	530.48	530.01	529.82	530.10	0.06	ppb
Molybdenum	98-1	531.05	532.71	533.03	532.26	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.91	101.25	103.52	102.22	1.14	ppb
Phosphorus	31-2	11.42	-11.73	2.38	0.69	1686.81	ppb
Potassium	39-2	1957.23	1935.39	1953.24	1948.62	0.60	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	192.73	209.62	216.52	206.29	5.93	ppb
Selenium	78-2	210.80	208.13	211.77	210.23	0.90	ppb
Selenium	82-1	207.43	208.39	210.23	208.69	0.68	ppb
Silicon	28-1	-2.85	-2.51	-2.56	-2.64		ppb
Silver	109-1	103.79	102.90	103.38	103.36	0.43	ppb
Silver	107-1	104.15	103.28	103.52	103.65	0.43	ppb
Sodium	23-2	1973.24	1972.20	1999.02	1981.49	0.77	ppb
Strontium	86-1	488.89	491.19	491.33	490.47	0.28	ppb
Strontium	88-1	489.97	493.18	488.27	490.47	0.51	ppb
Sulfur	34-1	288.04	419.42	350.57	352.68	18.63	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	193.57	193.97	193.66	193.73	0.11	ppb
Thallium	205-1	198.46	196.75	195.55	196.92	0.74	ppb
Tin	118-1	504.46	503.03	505.16	504.22	0.21	ppb
Titanium	47-1	494.42	489.84	493.99	492.75	0.51	ppb
Uranium	238-1	468.72	471.03	467.35	469.04	0.40	ppb
Vanadium	51-2	96.29	96.23	96.89	96.47	0.38	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	195.59	195.83	198.17	196.53	0.73	ppb
Zirconium	90-1	488.42	488.90	487.33	488.22	0.17	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.39	481.35	481.12	481.29	0.03	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.64	20.30	23.49	21.81	7.35	ppb
Antimony	121-1	1.95	2.05	2.03	2.01	2.43	ppb
Arsenic	75-2	0.94	0.97	1.12	1.01	9.46	ppb
Barium	135-1	9.61	9.59	9.91	9.70	1.83	ppb
Barium	137-1	9.87	10.13	9.85	9.95	1.55	ppb
Beryllium	9-1	0.99	1.03	1.01	1.01	1.91	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	24.75	25.05	24.74	24.85	0.70	ppb
Boron	11-1	25.29	24.43	25.52	25.08	2.30	ppb
Cadmium	111-1	0.99	1.07	0.94	1.00	6.24	ppb
Cadmium	106-1	-0.10	1.58	-0.03	0.48	196.87	ppb
Cadmium	108-1	0.63	1.03	1.13	0.93	28.26	ppb
Calcium	43-1	456.07	480.95	441.70	459.57	4.32	ppb
Calcium	44-1	457.97	460.13	461.14	459.75	0.35	ppb
Chromium	52-2	2.23	2.13	2.16	2.18	2.35	ppb
Cobalt	59-2	0.96	1.03	1.06	1.02	4.86	ppb
Copper	63-2	2.05	1.97	2.05	2.02	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	51.67	51.50	52.34	51.84	0.85	ppb
Iron	57-2	49.61	57.87	50.08	52.52	8.84	ppb
Lead	206-1	0.98	0.99	0.96	0.98	1.47	ppb
Lead	207-1	1.00	0.97	0.99	0.99	1.68	ppb
Lead	208-1	0.97	0.98	0.97	0.97	0.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	488.46	498.16	505.80	497.47	1.75	ppb
Manganese	55-2	1.08	1.07	1.07	1.07	0.50	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.76	4.56	4.54	4.62	2.65	ppb
Molybdenum	95-1	4.81	4.76	4.84	4.80	0.89	ppb
Molybdenum	96-1	4.73	4.90	4.87	4.83	1.93	ppb
Molybdenum	97-1	4.76	4.84	4.91	4.84	1.57	ppb
Molybdenum	98-1	4.92	4.95	4.97	4.95	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.12	1.14	1.12	1.13	ppb
Phosphorus	31-2	6.56	-0.03	-11.67	-1.71		ppb
Potassium	39-2	490.13	494.22	499.45	494.60	0.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	3.86	4.88	7.80	5.51	37.01	ppb
Selenium	78-2	16.16	4.65	5.48	8.76	73.23	ppb
Selenium	82-1	5.00	5.71	5.30	5.34	6.71	ppb
Silicon	28-1	8.59	7.59	6.84	7.67	11.42	ppb
Silver	109-1	1.09	1.09	1.03	1.07	2.99	ppb
Silver	107-1	1.08	1.09	1.04	1.07	2.14	ppb
Sodium	23-2	500.30	501.72	504.96	502.32	0.48	ppb
Strontium	86-1	1.05	0.98	1.04	1.02	3.49	ppb
Strontium	88-1	0.99	1.01	0.99	0.99	0.98	ppb
Sulfur	34-1	429.52	463.40	359.18	417.37	12.74	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.94	0.97	0.99	0.97	2.45	ppb
Thallium	205-1	0.97	0.98	0.96	0.97	0.76	ppb
Tin	118-1	4.95	4.88	4.91	4.91	0.73	ppb
Titanium	47-1	4.84	4.45	4.71	4.67	4.18	ppb
Uranium	238-1	0.92	0.89	0.90	0.91	1.93	ppb
Vanadium	51-2	4.74	4.94	4.84	4.84	2.07	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	2.68	2.53	2.46	2.56	4.38	ppb
Zirconium	90-1	0.99	1.03	1.04	1.02	2.49	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.14	1.06	1.07	5.91	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	2.08	1.16	1.44	38.73	ppb
Antimony	121-1	0.01	0.02	0.01	0.02	21.14	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	1989.89	ppb
Barium	135-1	0.01	0.00	0.00	0.01	64.98	ppb
Barium	137-1	0.01	0.00	0.00	0.00	176.48	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	99.43	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	1.73	2.58	2.13	2.15	19.87	ppb
Boron	11-1	2.57	2.51	2.68	2.59	3.35	ppb
Cadmium	111-1	-0.02	-0.12	-0.02	-0.05		ppb
Cadmium	106-1	-0.21	-1.44	-0.15	-0.60		ppb
Cadmium	108-1	-0.04	0.02	0.00	-0.01		ppb
Calcium	43-1	0.79	-0.97	1.08	0.30	368.49	ppb
Calcium	44-1	-1.15	-2.21	-0.19	-1.19		ppb
Chromium	52-2	0.00	0.03	0.03	0.02	79.27	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.06	-0.08	-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				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	0.06	0.06	0.10	0.08	33.59	ppb
Iron	57-2	-0.19	-0.86	1.01	-0.01		ppb
Lead	206-1	0.01	-0.01	0.01	0.00	239.75	ppb
Lead	207-1	0.00	0.00	0.01	0.00	298.93	ppb
Lead	208-1	0.00	0.00	0.01	0.00	224.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.65	0.13	0.70	0.49	63.26	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.28	-0.25	-0.31	-0.28		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	41.26	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	125.48	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	85.07	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	169.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	59.31	ppb
Phosphorus	31-2	-4.21	2.45	5.48	1.24	400.45	ppb
Potassium	39-2	1.29	2.89	5.61	3.26	66.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	-0.12	-0.12	-0.12	-0.12		ppb
Selenium	78-2	-0.29	0.30	-0.06	-0.01		ppb
Selenium	82-1	0.08	0.01	0.41	0.17	127.31	ppb
Silicon	28-1	-4.14	-4.78	-5.31	-4.74		ppb
Silver	109-1	0.00	0.00	0.00	0.00	110.74	ppb
Silver	107-1	0.00	0.00	0.00	0.00	15.70	ppb
Sodium	23-2	4.55	2.31	3.25	3.37	33.35	ppb
Strontium	86-1	-0.02	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1654.12	ppb
Sulfur	34-1	489.67	491.73	508.09	496.50	2.03	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.00	0.00	97.24	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	553.36	ppb
Tin	118-1	0.03	0.04	0.05	0.04	17.37	ppb
Titanium	47-1	-0.04	-0.03	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	68.53	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	0.06	0.04	0.02	0.04	55.09	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	75.02	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90657.27	90580.38	90448.89	90562.18	0.12	ppb
Antimony	121-1	1.11	1.09	1.07	1.09	2.09	ppb
Arsenic	75-2	0.26	0.35	0.35	0.32	17.03	ppb
Barium	135-1	1.51	1.43	1.51	1.48	2.96	ppb
Barium	137-1	1.51	1.45	1.43	1.46	2.88	ppb
Beryllium	9-1	0.30	0.28	0.27	0.28	5.48	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	3.37	3.29	2.96	3.21	6.65	ppb
Boron	11-1	3.26	3.23	3.28	3.26	0.77	ppb
Cadmium	111-1	0.34	0.37	0.31	0.34	9.75	ppb
Cadmium	106-1	-2.04	-0.88	-1.05	-1.32		ppb
Cadmium	108-1	11.40	11.67	11.65	11.58	1.30	ppb
Calcium	43-1	94360.46	94549.96	95470.46	94793.62	0.63	ppb
Calcium	44-1	95298.17	95502.11	95888.15	95562.81	0.31	ppb
Chromium	52-2	19.58	20.00	19.69	19.76	1.11	ppb
Cobalt	59-2	1.18	1.19	1.19	1.19	0.70	ppb
Copper	63-2	8.23	8.32	8.54	8.36	1.95	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				97		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	102740.86	103107.98	102107.83	102652.22	0.49	ppb
Iron	57-2	102269.57	103075.76	102319.64	102554.99	0.44	ppb
Lead	206-1	4.54	4.66	4.66	4.62	1.55	ppb
Lead	207-1	3.93	3.92	4.03	3.96	1.50	ppb
Lead	208-1	4.17	4.22	4.28	4.23	1.32	ppb
Lithium	6-1				92		%
Magnesium	24-2	96910.86	97240.10	96510.38	96887.11	0.38	ppb
Manganese	55-2	8.10	8.24	7.78	8.04	2.94	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1338.12	1353.46	1342.86	1344.81	0.58	ppb
Molybdenum	95-1	1917.95	1944.02	1929.17	1930.38	0.68	ppb
Molybdenum	96-1	1860.47	1863.48	1881.65	1868.53	0.61	ppb
Molybdenum	97-1	1935.94	1927.65	1940.47	1934.68	0.34	ppb
Molybdenum	98-1	1935.44	1929.02	1942.38	1935.61	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.24	5.35	5.37	2.55	ppb
Phosphorus	31-2	97489.46	97262.47	97632.40	97461.45	0.19	ppb
Potassium	39-2	97568.98	97944.17	97428.96	97647.37	0.27	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	-0.12	-0.12	-0.12	-0.12		ppb
Selenium	78-2	0.28	-0.10	0.01	0.06	302.20	ppb
Selenium	82-1	-0.12	0.90	0.60	0.46	114.61	ppb
Silicon	28-1	10.41	10.36	9.88	10.22	2.88	ppb
Silver	109-1	0.06	0.07	0.07	0.07	6.40	ppb
Silver	107-1	0.06	0.05	0.07	0.06	16.82	ppb
Sodium	23-2	99403.11	99048.49	98694.54	99048.71	0.36	ppb
Strontium	86-1	33.79	32.99	33.66	33.48	1.29	ppb
Strontium	88-1	33.25	33.27	33.35	33.29	0.17	ppb
Sulfur	34-1	83945.31	82815.30	82495.65	83085.42	0.92	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.03	0.03	16.00	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.37	ppb
Tin	118-1	0.18	0.23	0.28	0.23	22.11	ppb
Titanium	47-1	1965.70	1957.86	1960.97	1961.51	0.20	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	11.10	ppb
Vanadium	51-2	0.17	0.20	0.19	0.19	6.81	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	10.61	10.77	11.29	10.89	3.28	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	7.41	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.09	0.07	23.48	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91283.96	90198.35	90713.08	90731.80	0.60	ppb
Antimony	121-1	20.83	20.56	20.75	20.71	0.67	ppb
Arsenic	75-2	20.41	19.80	19.99	20.06	1.55	ppb
Barium	135-1	21.53	21.94	21.36	21.61	1.36	ppb
Barium	137-1	21.61	21.91	21.63	21.72	0.76	ppb
Beryllium	9-1	21.16	21.50	20.70	21.12	1.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	63.79	65.62	64.04	64.48	1.53	ppb
Boron	11-1	66.10	65.42	64.50	65.34	1.23	ppb
Cadmium	111-1	20.68	20.53	20.52	20.57	0.43	ppb
Cadmium	106-1	26.31	24.27	24.52	25.03	4.43	ppb
Cadmium	108-1	33.72	33.99	33.84	33.85	0.41	ppb
Calcium	43-1	96900.98	94699.76	96627.91	96076.22	1.25	ppb
Calcium	44-1	96218.81	95664.30	96380.64	96087.92	0.39	ppb
Chromium	52-2	39.78	39.72	39.44	39.65	0.45	ppb
Cobalt	59-2	21.37	21.33	21.41	21.37	0.19	ppb
Copper	63-2	29.07	29.17	28.99	29.08	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	102998.52	102769.35	103397.45	103055.11	0.31	ppb
Iron	57-2	103408.10	102490.52	102852.38	102917.00	0.45	ppb
Lead	206-1	25.41	25.42	25.55	25.46	0.30	ppb
Lead	207-1	23.52	23.26	23.67	23.49	0.88	ppb
Lead	208-1	24.09	24.23	24.28	24.20	0.42	ppb
Lithium	6-1				87		%
Magnesium	24-2	98080.10	96532.56	97066.23	97226.30	0.81	ppb
Manganese	55-2	28.26	27.85	28.30	28.14	0.89	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1487.98	1482.44	1494.39	1488.27	0.40	ppb
Molybdenum	95-1	2006.45	1998.78	2017.89	2007.70	0.48	ppb
Molybdenum	96-1	1950.59	1946.45	1938.29	1945.11	0.32	ppb
Molybdenum	97-1	2001.93	2012.36	1992.89	2002.39	0.49	ppb
Molybdenum	98-1	2000.82	2008.03	1999.06	2002.63	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.14	25.43	25.35	25.64	1.70	ppb
Phosphorus	31-2	99272.23	98126.35	97374.18	98257.59	0.97	ppb
Potassium	39-2	98474.83	97629.16	98008.93	98037.64	0.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	22.64	22.68	19.60	21.64	8.18	ppb
Selenium	78-2	18.93	22.33	20.11	20.46	8.45	ppb
Selenium	82-1	20.37	20.32	20.48	20.39	0.41	ppb
Silicon	28-1	63.62	62.23	62.32	62.72	1.24	ppb
Silver	109-1	19.17	19.34	19.11	19.20	0.61	ppb
Silver	107-1	19.05	19.45	19.20	19.23	1.07	ppb
Sodium	23-2	99578.12	98331.78	99177.04	99028.98	0.64	ppb
Strontium	86-1	90.18	90.86	92.52	91.19	1.32	ppb
Strontium	88-1	90.57	90.47	91.00	90.68	0.31	ppb
Sulfur	34-1	83583.44	82080.50	83003.20	82889.05	0.91	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	20.76	20.59	20.76	20.70	0.48	ppb
Thallium	205-1	20.70	20.99	20.74	20.81	0.77	ppb
Tin	118-1	57.04	57.42	57.07	57.18	0.37	ppb
Titanium	47-1	2043.46	2016.11	2027.38	2028.98	0.68	ppb
Uranium	238-1	56.49	56.69	56.60	56.60	0.18	ppb
Vanadium	51-2	20.14	19.76	19.96	19.96	0.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	30.26	30.09	29.38	29.91	1.55	ppb
Zirconium	90-1	57.55	57.60	57.17	57.44	0.41	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.69	58.12	57.68	57.83	0.43	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51880.92	52463.70	52284.66	52209.76	0.57	ppb
Antimony	121-1	498.98	507.22	501.90	502.70	0.83	ppb
Arsenic	75-2	505.36	506.41	503.90	505.22	0.25	ppb
Barium	135-1	2560.07	2585.85	2575.01	2573.64	0.50	ppb
Barium	137-1	2559.27	2591.76	2572.90	2574.64	0.63	ppb
Beryllium	9-1	537.27	534.31	536.79	536.12	0.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	513.60	524.04	531.15	522.93	1.69	ppb
Boron	11-1	526.72	531.41	535.37	531.17	0.82	ppb
Cadmium	111-1	487.68	492.16	489.05	489.63	0.47	ppb
Cadmium	106-1	491.84	502.87	492.51	495.74	1.25	ppb
Cadmium	108-1	479.30	493.22	487.23	486.58	1.43	ppb
Calcium	43-1	247740.23	248453.60	249493.98	248562.60	0.35	ppb
Calcium	44-1	248413.45	250142.59	248759.37	249105.14	0.37	ppb
Chromium	52-2	517.72	522.42	523.03	521.06	0.56	ppb
Cobalt	59-2	507.06	506.83	507.55	507.15	0.07	ppb
Copper	63-2	1001.72	1000.12	999.05	1000.30	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	132073.41	133286.09	132672.54	132677.35	0.46	ppb
Iron	57-2	134273.26	133438.62	134455.11	134055.66	0.40	ppb
Lead	206-1	527.72	533.62	523.50	528.28	0.96	ppb
Lead	207-1	522.01	529.98	525.95	525.98	0.76	ppb
Lead	208-1	521.53	528.05	523.72	524.43	0.63	ppb
Lithium	6-1				85		%
Magnesium	24-2	258729.27	261478.80	261678.10	260628.72	0.63	ppb
Manganese	55-2	1015.03	1018.05	1021.76	1018.28	0.33	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2561.18	2574.41	2562.46	2566.02	0.28	ppb
Molybdenum	95-1	2554.04	2581.34	2547.55	2560.97	0.70	ppb
Molybdenum	96-1	2551.73	2590.17	2554.67	2565.52	0.83	ppb
Molybdenum	97-1	2547.67	2568.83	2548.21	2554.91	0.47	ppb
Molybdenum	98-1	2565.96	2571.75	2563.49	2567.07	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.17	512.53	511.23	509.98	0.66	ppb
Phosphorus	31-2	10127.43	10215.85	10149.45	10164.24	0.45	ppb
Potassium	39-2	126739.84	128641.65	128417.86	127933.12	0.81	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	500.73	506.15	503.57	503.48	0.54	ppb
Selenium	78-2	496.97	490.09	493.38	493.48	0.70	ppb
Selenium	82-1	481.40	481.65	481.35	481.46	0.03	ppb
Silicon	28-1	474.13	489.25	500.28	487.89	2.69	ppb
Silver	109-1	490.21	496.75	492.38	493.11	0.68	ppb
Silver	107-1	491.62	497.21	495.94	494.92	0.59	ppb
Sodium	23-2	258406.12	260646.92	259931.40	259661.48	0.44	ppb
Strontium	86-1	511.51	507.66	510.81	509.99	0.40	ppb
Strontium	88-1	511.56	513.74	517.03	514.11	0.54	ppb
Sulfur	34-1	9295.03	9435.13	9440.69	9390.28	0.88	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	525.76	531.57	522.75	526.69	0.85	ppb
Thallium	205-1	523.76	531.47	528.08	527.77	0.73	ppb
Tin	118-1	502.55	513.40	512.47	509.47	1.18	ppb
Titanium	47-1	2571.40	2542.90	2553.91	2556.07	0.56	ppb
Uranium	238-1	513.71	521.59	512.81	516.04	0.94	ppb
Vanadium	51-2	513.83	517.17	514.77	515.26	0.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	949.40	950.43	952.63	950.82	0.17	ppb
Zirconium	90-1	513.21	513.02	516.93	514.39	0.43	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.71	500.86	499.62	500.07	0.14	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	1.32	0.87	0.97	32.00	ppb
Antimony	121-1	0.07	0.09	0.07	0.08	12.72	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	29.20	ppb
Barium	135-1	0.02	0.04	0.03	0.03	20.36	ppb
Barium	137-1	0.04	0.04	0.03	0.04	18.94	ppb
Beryllium	9-1	0.03	0.06	0.02	0.04	49.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	3.66	3.77	3.78	3.74	1.76	ppb
Boron	11-1	3.79	3.96	3.36	3.70	8.31	ppb
Cadmium	111-1	-0.11	-0.15	-0.01	-0.09		ppb
Cadmium	106-1	-1.52	-1.92	-0.25	-1.23		ppb
Cadmium	108-1	-0.01	0.01	0.03	0.01	190.92	ppb
Calcium	43-1	4.26	3.77	4.30	4.11	7.13	ppb
Calcium	44-1	1.30	1.70	1.79	1.60	16.22	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	22.64	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	28.45	ppb
Copper	63-2	0.15	0.16	0.19	0.17	11.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2.66	2.72	2.98	2.79	6.07	ppb
Iron	57-2	2.10	2.66	3.03	2.60	18.06	ppb
Lead	206-1	0.01	0.02	0.02	0.02	22.56	ppb
Lead	207-1	0.03	0.03	0.00	0.02	68.31	ppb
Lead	208-1	0.01	0.01	0.01	0.01	1.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.88	5.62	5.78	5.42	8.81	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	40.73	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.22	-0.21	-0.25	-0.23		ppb
Molybdenum	95-1	0.09	0.07	0.08	0.08	7.72	ppb
Molybdenum	96-1	0.09	0.05	0.08	0.08	29.04	ppb
Molybdenum	97-1	0.10	0.08	0.06	0.08	22.11	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.02	0.03	48.93	ppb
Phosphorus	31-2	11.80	-7.53	-8.43	-1.39		ppb
Potassium	39-2	17.65	7.68	15.08	13.47	38.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.12	-0.12	0.23	0.00		ppb
Selenium	78-2	1.01	-0.21	-0.04	0.25	259.86	ppb
Selenium	82-1	1.37	1.62	1.00	1.33	23.51	ppb
Silicon	28-1	-7.04	-7.03	-7.27	-7.11		ppb
Silver	109-1	0.02	0.01	0.02	0.02	19.55	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.05	ppb
Sodium	23-2	16.26	18.58	18.03	17.63	6.87	ppb
Strontium	86-1	0.02	0.04	-0.02	0.01	291.15	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	14.23	ppb
Sulfur	34-1	-219.43	-69.53	-162.22	-150.39		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.27	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	10.57	ppb
Tin	118-1	0.04	0.05	0.00	0.03	82.83	ppb
Titanium	47-1	0.01	0.05	0.01	0.02	106.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.06	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	22.92	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.10	0.11	-0.11	0.03	406.39	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	60.74	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.03	0.03	48.72	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.40	20.88	21.94	21.07	3.72	ppb
Antimony	121-1	2.05	2.01	1.94	2.00	2.83	ppb
Arsenic	75-2	1.08	1.10	0.97	1.05	6.20	ppb
Barium	135-1	9.54	9.80	9.84	9.73	1.69	ppb
Barium	137-1	9.58	9.71	9.90	9.73	1.69	ppb
Beryllium	9-1	0.98	1.18	1.10	1.09	9.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	25.98	25.90	26.15	26.01	0.49	ppb
Boron	11-1	26.84	27.02	26.56	26.81	0.86	ppb
Cadmium	111-1	0.85	0.90	0.83	0.86	4.38	ppb
Cadmium	106-1	-0.22	0.29	-1.02	-0.32		ppb
Cadmium	108-1	1.00	0.93	1.11	1.02	8.78	ppb
Calcium	43-1	465.03	470.68	479.60	471.77	1.56	ppb
Calcium	44-1	465.11	466.18	469.95	467.08	0.54	ppb
Chromium	52-2	2.17	2.15	2.15	2.16	0.56	ppb
Cobalt	59-2	0.98	1.06	1.04	1.03	3.79	ppb
Copper	63-2	2.30	2.30	2.23	2.28	1.83	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				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	53.15	52.22	53.18	52.85	1.03	ppb
Iron	57-2	53.09	54.43	52.38	53.30	1.96	ppb
Lead	206-1	1.04	1.02	0.99	1.01	2.77	ppb
Lead	207-1	0.97	1.07	1.02	1.02	4.82	ppb
Lead	208-1	1.00	1.01	0.99	1.00	0.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	490.97	494.15	495.28	493.47	0.45	ppb
Manganese	55-2	1.22	1.14	1.15	1.17	3.80	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.70	4.62	4.67	4.66	0.83	ppb
Molybdenum	95-1	4.89	4.77	4.91	4.85	1.55	ppb
Molybdenum	96-1	4.82	5.04	4.88	4.91	2.31	ppb
Molybdenum	97-1	4.61	4.74	4.89	4.74	2.96	ppb
Molybdenum	98-1	4.87	4.84	4.89	4.87	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.08	1.14	1.12	3.08	ppb
Phosphorus	31-2	-1.92	1.20	-0.35	-0.36		ppb
Potassium	39-2	488.32	501.57	499.75	496.54	1.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	7.39	5.04	5.37	5.93	21.41	ppb
Selenium	78-2	5.85	4.89	5.72	5.49	9.44	ppb
Selenium	82-1	6.26	6.45	6.51	6.41	1.99	ppb
Silicon	28-1	8.44	5.28	5.21	6.31	29.15	ppb
Silver	109-1	1.00	1.05	1.06	1.04	3.12	ppb
Silver	107-1	1.04	1.04	1.08	1.05	1.98	ppb
Sodium	23-2	508.41	510.14	512.87	510.47	0.44	ppb
Strontium	86-1	1.00	1.04	1.04	1.03	2.49	ppb
Strontium	88-1	0.98	1.01	1.00	1.00	1.37	ppb
Sulfur	34-1	-40.43	-63.43	-91.56	-65.14		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.99	1.01	0.99	1.56	ppb
Thallium	205-1	0.95	0.98	0.98	0.97	2.23	ppb
Tin	118-1	4.86	4.92	4.94	4.91	0.83	ppb
Titanium	47-1	5.06	4.73	5.00	4.93	3.49	ppb
Uranium	238-1	0.89	0.87	0.90	0.89	1.78	ppb
Vanadium	51-2	4.97	4.84	5.02	4.94	1.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.64	2.72	2.82	2.73	3.30	ppb
Zirconium	90-1	1.01	0.99	1.00	1.00	0.66	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	1.03	1.03	1.03	0.30	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	1.14	0.75	0.75	51.33	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	7.50	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	978.67	ppb
Barium	135-1	0.03	0.02	0.02	0.02	20.26	ppb
Barium	137-1	0.03	0.01	0.02	0.02	36.79	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	35.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	2.05	2.06	2.58	2.23	13.62	ppb
Boron	11-1	2.81	2.69	2.36	2.62	8.74	ppb
Cadmium	111-1	-0.01	-0.09	-0.03	-0.04		ppb
Cadmium	106-1	-0.15	-1.17	-0.35	-0.56		ppb
Cadmium	108-1	-0.07	-0.03	0.01	-0.03		ppb
Calcium	43-1	2.72	2.15	2.49	2.45	11.61	ppb
Calcium	44-1	1.86	1.69	0.46	1.34	57.16	ppb
Chromium	52-2	0.02	0.02	0.02	0.02	15.91	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	202.05	ppb
Copper	63-2	0.09	0.05	0.14	0.09	45.49	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				104		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.56	0.47	0.44	0.49	12.67	ppb
Iron	57-2	0.18	-0.46	0.62	0.12	467.60	ppb
Lead	206-1	0.03	0.01	0.03	0.02	34.69	ppb
Lead	207-1	0.02	0.01	0.03	0.02	44.63	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.97	0.97	0.87	0.94	6.37	ppb
Manganese	55-2	0.05	0.05	0.02	0.04	41.69	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.27	-0.27	-0.26	-0.27		ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	39.48	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	27.88	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	31.32	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	40.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	47.39	ppb
Phosphorus	31-2	1.69	13.50	3.32	6.17	103.77	ppb
Potassium	39-2	8.05	9.21	10.85	9.37	15.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-0.12	0.22	-0.12	-0.01		ppb
Selenium	78-2	0.66	0.58	0.13	0.46	62.26	ppb
Selenium	82-1	1.31	0.97	0.91	1.06	20.37	ppb
Silicon	28-1	-8.36	-8.62	-8.64	-8.54		ppb
Silver	109-1	0.00	0.01	0.01	0.00	57.26	ppb
Silver	107-1	0.01	0.00	0.00	0.01	55.21	ppb
Sodium	23-2	10.94	10.37	8.63	9.98	12.09	ppb
Strontium	86-1	-0.04	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.00	ppb
Sulfur	34-1	-168.42	-166.32	-86.06	-140.27		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	29.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.95	ppb
Tin	118-1	-0.08	0.11	-0.05	-0.01		ppb
Titanium	47-1	0.02	0.00	0.01	0.01	123.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	52.13	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.30	0.30	0.48	0.36	28.90	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	77.33	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.01	48.74	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.85	38.56	40.12	38.84	2.99	ppb
Antimony	121-1	3.83	3.79	3.77	3.80	0.83	ppb
Arsenic	75-2	2.10	1.96	1.95	2.00	4.19	ppb
Barium	135-1	19.03	18.49	18.41	18.64	1.80	ppb
Barium	137-1	18.53	18.80	18.58	18.64	0.77	ppb
Beryllium	9-1	2.06	2.21	1.85	2.04	8.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	49.06	46.61	48.44	48.04	2.66	ppb
Boron	11-1	48.82	49.58	49.31	49.24	0.78	ppb
Cadmium	111-1	1.99	1.85	1.86	1.90	3.91	ppb
Cadmium	106-1	2.53	0.18	0.44	1.05	122.90	ppb
Cadmium	108-1	2.48	1.91	2.06	2.15	13.96	ppb
Calcium	43-1	901.94	880.70	895.79	892.81	1.22	ppb
Calcium	44-1	909.82	897.11	893.08	900.00	0.97	ppb
Chromium	52-2	4.09	4.16	4.42	4.23	4.14	ppb
Cobalt	59-2	2.02	1.89	2.10	2.00	5.47	ppb
Copper	63-2	4.02	4.12	4.20	4.11	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	469.28	473.52	475.02	472.61	0.63	ppb
Iron	57-2	468.06	488.87	485.33	480.76	2.32	ppb
Lead	206-1	1.84	1.95	1.95	1.91	3.17	ppb
Lead	207-1	1.91	1.92	1.91	1.92	0.13	ppb
Lead	208-1	1.88	1.92	1.89	1.90	1.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	942.86	972.57	979.53	964.99	2.02	ppb
Manganese	55-2	2.07	2.10	2.13	2.10	1.49	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.20	9.38	8.71	9.10	3.80	ppb
Molybdenum	95-1	9.22	9.17	9.42	9.27	1.41	ppb
Molybdenum	96-1	9.33	9.25	9.34	9.31	0.57	ppb
Molybdenum	97-1	9.40	9.54	9.58	9.50	1.01	ppb
Molybdenum	98-1	9.11	9.20	9.14	9.15	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.22	2.22	2.19	2.23	ppb
Phosphorus	31-2	9.04	-7.99	1.18	0.74	1148.41	ppb
Potassium	39-2	960.57	969.36	965.69	965.21	0.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	10.87	12.46	9.84	11.06	11.95	ppb
Selenium	78-2	10.68	9.53	11.81	10.67	10.69	ppb
Selenium	82-1	10.85	10.96	11.27	11.03	1.98	ppb
Silicon	28-1	17.88	17.34	17.38	17.53	1.72	ppb
Silver	109-1	1.97	2.02	2.02	2.00	1.50	ppb
Silver	107-1	2.02	2.05	2.07	2.05	1.28	ppb
Sodium	23-2	966.72	980.91	979.70	975.77	0.81	ppb
Strontium	86-1	2.00	1.87	1.96	1.94	3.65	ppb
Strontium	88-1	1.89	1.89	1.91	1.90	0.34	ppb
Sulfur	34-1	145.32	134.82	139.63	139.92	3.76	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	1.83	1.90	1.95	1.89	3.19	ppb
Thallium	205-1	1.82	1.86	1.87	1.85	1.54	ppb
Tin	118-1	9.41	9.66	9.38	9.49	1.63	ppb
Titanium	47-1	9.33	9.07	9.08	9.16	1.59	ppb
Uranium	238-1	1.69	1.72	1.69	1.70	0.95	ppb
Vanadium	51-2	9.34	9.48	9.65	9.49	1.61	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4.92	4.77	4.54	4.74	3.95	ppb
Zirconium	90-1	1.91	1.93	2.00	1.95	2.42	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.89	2.08	1.93	1.97	4.99	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.55	25.93	28.65	27.38	5.00	ppb
Antimony	121-1	0.22	0.24	0.24	0.23	5.80	ppb
Arsenic	75-2	0.12	0.20	0.10	0.14	36.53	ppb
Barium	135-1	82.99	83.82	82.68	83.16	0.71	ppb
Barium	137-1	82.58	82.91	81.92	82.47	0.61	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	29.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	201.78	208.70	207.53	206.00	1.80	ppb
Boron	11-1	212.36	215.66	214.09	214.03	0.77	ppb
Cadmium	111-1	-0.05	-0.07	-0.05	-0.06		ppb
Cadmium	106-1	-0.73	-0.87	-0.67	-0.76		ppb
Cadmium	108-1	-0.01	0.00	0.08	0.02	222.83	ppb
Calcium	43-1	433683.91	435306.75	432770.45	433920.37	0.30	ppb
Calcium	44-1	428939.72	431142.34	427844.46	429308.84	0.39	ppb
Chromium	52-2	0.27	0.24	0.24	0.25	6.43	ppb
Cobalt	59-2	0.16	0.15	0.14	0.15	5.15	ppb
Copper	63-2	0.74	0.72	0.81	0.76	6.03	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				111		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	4755.47	4753.80	4674.17	4727.81	0.98	ppb
Iron	57-2	5516.47	5507.86	5426.11	5483.48	0.91	ppb
Lead	206-1	0.09	0.08	0.08	0.08	6.93	ppb
Lead	207-1	0.08	0.08	0.09	0.08	4.79	ppb
Lead	208-1	0.09	0.09	0.08	0.09	4.11	ppb
Lithium	6-1				107		%
Magnesium	24-2	77582.69	78055.05	76822.72	77486.82	0.80	ppb
Manganese	55-2	292.26	293.93	289.77	291.99	0.72	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.04	-0.09	-0.12	-0.08		ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	19.28	ppb
Molybdenum	96-1	0.10	0.11	0.08	0.10	11.88	ppb
Molybdenum	97-1	0.05	0.06	0.06	0.06	7.95	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	18.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.16	0.18	7.10	ppb
Phosphorus	31-2	5085.36	5213.42	5081.19	5126.66	1.47	ppb
Potassium	39-2	12947.37	13041.51	12786.77	12925.22	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.23	0.23	0.22	0.23	2.35	ppb
Selenium	78-2	-0.46	-0.02	-0.05	-0.18		ppb
Selenium	82-1	12.30	12.55	13.26	12.70	3.93	ppb
Silicon	28-1	5900.94	5934.98	5884.58	5906.83	0.44	ppb
Silver	109-1	0.20	0.19	0.17	0.19	6.67	ppb
Silver	107-1	0.17	0.19	0.20	0.19	8.74	ppb
Sodium	23-2	48195.42	48139.03	47544.16	47959.53	0.75	ppb
Strontium	86-1	23484.92	23358.01	23514.51	23452.48	0.35	ppb
Strontium	88-1	23808.22	23524.73	23712.15	23681.70	0.61	ppb
Sulfur	34-1	172327.26	171505.59	171320.79	171717.88	0.31	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.06	0.06	5.49	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	6.10	ppb
Tin	118-1	-0.25	-0.27	-0.26	-0.26		ppb
Titanium	47-1	3.50	3.51	3.62	3.54	1.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.38	0.43	0.39	0.40	6.23	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	22.66	22.36	21.44	22.15	2.88	ppb
Zirconium	90-1	0.13	0.12	0.12	0.13	5.48	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.18	0.10	0.15	26.63	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.20	24.66	24.93	24.93	1.09	ppb
Antimony	121-1	0.22	0.22	0.25	0.23	8.34	ppb
Arsenic	75-2	0.15	0.11	0.13	0.13	17.28	ppb
Barium	135-1	82.48	81.57	81.06	81.71	0.88	ppb
Barium	137-1	82.14	80.69	81.23	81.35	0.90	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	45.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	207.61	206.04	212.92	208.86	1.73	ppb
Boron	11-1	209.35	212.23	215.09	212.22	1.35	ppb
Cadmium	111-1	-0.08	0.01	-0.06	-0.04		ppb
Cadmium	106-1	-0.94	0.19	-0.91	-0.55		ppb
Cadmium	108-1	0.08	0.00	-0.03	0.02	321.95	ppb
Calcium	43-1	433901.89	436934.02	429634.40	433490.10	0.85	ppb
Calcium	44-1	431430.88	431636.38	426201.67	429756.31	0.72	ppb
Chromium	52-2	0.22	0.30	0.23	0.25	17.02	ppb
Cobalt	59-2	0.13	0.15	0.15	0.14	9.66	ppb
Copper	63-2	1.20	1.21	1.28	1.23	3.37	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				108		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	4789.25	4819.08	4776.21	4794.85	0.46	ppb
Iron	57-2	5500.74	5594.21	5511.30	5535.42	0.92	ppb
Lead	206-1	0.05	0.05	0.04	0.04	17.65	ppb
Lead	207-1	0.04	0.06	0.06	0.05	15.85	ppb
Lead	208-1	0.05	0.05	0.04	0.05	9.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	78478.07	78883.18	78314.34	78558.53	0.37	ppb
Manganese	55-2	295.67	297.19	295.49	296.12	0.32	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.09	-0.11	-0.15	-0.12		ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	8.77	ppb
Molybdenum	96-1	0.07	0.07	0.09	0.08	11.56	ppb
Molybdenum	97-1	0.06	0.08	0.09	0.08	20.85	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	36.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.20	0.21	0.19	10.56	ppb
Phosphorus	31-2	5108.97	5053.08	5013.78	5058.61	0.95	ppb
Potassium	39-2	12972.44	13086.66	12999.82	13019.64	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	0.62	0.61	0.23	0.49	45.15	ppb
Selenium	78-2	0.13	-0.34	0.11	-0.03		ppb
Selenium	82-1	12.49	12.45	12.72	12.55	1.17	ppb
Silicon	28-1	5907.06	5881.09	5858.96	5882.37	0.41	ppb
Silver	109-1	0.18	0.17	0.20	0.18	6.91	ppb
Silver	107-1	0.19	0.19	0.19	0.19	0.21	ppb
Sodium	23-2	48245.00	48563.69	48630.38	48479.69	0.42	ppb
Strontium	86-1	23273.08	23168.03	23423.12	23288.08	0.55	ppb
Strontium	88-1	23644.15	23529.71	23770.81	23648.22	0.51	ppb
Sulfur	34-1	173714.53	172821.14	171207.67	172581.11	0.74	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.30	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.49	ppb
Tin	118-1	-0.26	-0.27	-0.29	-0.27		ppb
Titanium	47-1	3.94	3.71	3.90	3.85	3.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.50	0.49	0.51	0.50	1.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	22.85	22.47	22.39	22.57	1.09	ppb
Zirconium	90-1	0.12	0.10	0.11	0.11	8.58	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.13	0.12	0.12	5.34	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.44	5.17	4.50	5.37	18.34	ppb
Antimony	121-1	0.04	0.03	0.02	0.03	26.50	ppb
Arsenic	75-2	0.03	0.03	0.05	0.04	25.22	ppb
Barium	135-1	16.08	16.17	16.19	16.14	0.34	ppb
Barium	137-1	16.09	15.84	16.02	15.98	0.80	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	26.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	49.83	48.93	53.48	50.75	4.75	ppb
Boron	11-1	51.02	52.02	51.36	51.47	0.99	ppb
Cadmium	111-1	0.02	0.02	-0.08	-0.01		ppb
Cadmium	106-1	0.29	0.39	-1.33	-0.22		ppb
Cadmium	108-1	-0.01	-0.01	-0.03	-0.01		ppb
Calcium	43-1	80781.15	81496.65	82001.86	81426.55	0.75	ppb
Calcium	44-1	82481.77	82539.13	83054.30	82691.74	0.38	ppb
Chromium	52-2	0.08	0.09	0.03	0.07	47.62	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	6.98	ppb
Copper	63-2	0.56	0.62	0.64	0.61	6.81	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	909.49	900.63	907.16	905.76	0.51	ppb
Iron	57-2	1079.55	1086.20	1083.18	1082.98	0.31	ppb
Lead	206-1	0.01	0.01	0.01	0.01	29.70	ppb
Lead	207-1	0.02	0.03	0.00	0.02	81.11	ppb
Lead	208-1	0.01	0.02	0.01	0.02	23.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	15457.06	15313.67	15112.49	15294.41	1.13	ppb
Manganese	55-2	57.84	57.70	57.58	57.71	0.23	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.24	-0.29	-0.23	-0.25		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	34.71	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	62.26	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	44.79	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	73.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.06	0.06	2.28	ppb
Phosphorus	31-2	1002.29	967.73	1026.24	998.75	2.94	ppb
Potassium	39-2	2443.55	2452.55	2458.62	2451.57	0.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	0.24	0.24	-0.12	0.12	171.82	ppb
Selenium	78-2	-0.48	-0.49	0.07	-0.30		ppb
Selenium	82-1	3.35	3.60	3.06	3.34	8.21	ppb
Silicon	28-1	1126.93	1139.34	1132.22	1132.83	0.55	ppb
Silver	109-1	0.07	0.06	0.06	0.06	5.38	ppb
Silver	107-1	0.06	0.06	0.06	0.06	8.48	ppb
Sodium	23-2	9346.48	9346.97	9254.66	9316.04	0.57	ppb
Strontium	86-1	4528.10	4542.08	4547.48	4539.22	0.22	ppb
Strontium	88-1	4532.00	4530.56	4530.01	4530.86	0.02	ppb
Sulfur	34-1	39399.80	40217.73	40105.90	39907.81	1.11	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	43.12	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	11.30	ppb
Tin	118-1	-0.14	-0.12	-0.12	-0.12		ppb
Titanium	47-1	0.63	0.85	0.70	0.72	15.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.17	0.13	0.15	0.15	11.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	4.83	4.94	4.89	4.89	1.21	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	16.68	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	32.20	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2010.79	1999.85	2036.85	2015.83	0.94	ppb
Antimony	121-1	99.78	99.03	100.09	99.64	0.55	ppb
Arsenic	75-2	44.72	44.09	46.07	44.96	2.25	ppb
Barium	135-1	2148.50	2137.11	2155.96	2147.19	0.44	ppb
Barium	137-1	2154.62	2136.78	2141.78	2144.39	0.43	ppb
Beryllium	9-1	48.68	47.21	47.12	47.67	1.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	215.34	228.51	226.33	223.40	3.16	ppb
Boron	11-1	221.04	227.26	230.94	226.41	2.21	ppb
Cadmium	111-1	49.74	49.27	49.94	49.65	0.69	ppb
Cadmium	106-1	39.34	39.24	39.89	39.49	0.89	ppb
Cadmium	108-1	43.42	42.66	43.44	43.17	1.03	ppb
Calcium	43-1	442381.70	433797.93	438038.56	438072.73	0.98	ppb
Calcium	44-1	436453.83	430078.43	434549.56	433693.94	0.75	ppb
Chromium	52-2	208.13	206.67	210.73	208.51	0.99	ppb
Cobalt	59-2	515.90	512.70	521.22	516.61	0.83	ppb
Copper	63-2	262.51	261.01	265.40	262.97	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	6009.93	5909.33	5979.96	5966.41	0.87	ppb
Iron	57-2	6638.12	6623.41	6719.64	6660.39	0.78	ppb
Lead	206-1	20.83	20.76	21.00	20.86	0.59	ppb
Lead	207-1	20.81	20.59	20.81	20.73	0.59	ppb
Lead	208-1	20.69	20.61	20.74	20.68	0.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	79127.56	77777.05	78987.94	78630.85	0.94	ppb
Manganese	55-2	815.35	806.13	824.56	815.35	1.13	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.07	-0.08	-0.08	-0.08		ppb
Molybdenum	95-1	0.12	0.10	0.11	0.11	7.61	ppb
Molybdenum	96-1	0.13	0.13	0.13	0.13	3.35	ppb
Molybdenum	97-1	0.13	0.15	0.09	0.13	26.55	ppb
Molybdenum	98-1	0.11	0.11	0.09	0.10	10.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.29	515.59	525.89	519.26	1.11	ppb
Phosphorus	31-2	5036.19	5152.89	5145.73	5111.60	1.28	ppb
Potassium	39-2	13094.80	12956.92	13145.45	13065.72	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	61.66	47.20	52.74	53.87	13.55	ppb
Selenium	78-2	54.63	53.82	51.62	53.35	2.92	ppb
Selenium	82-1	65.50	64.42	64.74	64.88	0.85	ppb
Silicon	28-1	5913.92	5859.64	5854.04	5875.87	0.56	ppb
Silver	109-1	48.94	48.84	48.86	48.88	0.11	ppb
Silver	107-1	48.48	48.53	48.36	48.46	0.17	ppb
Sodium	23-2	49059.35	48196.20	49069.48	48775.01	1.03	ppb
Strontium	86-1	23449.64	23574.50	23676.85	23567.00	0.48	ppb
Strontium	88-1	23613.52	23662.91	23907.73	23728.05	0.66	ppb
Sulfur	34-1	172574.68	169910.20	171079.95	171188.27	0.78	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	52.59	52.27	52.90	52.59	0.59	ppb
Thallium	205-1	52.76	52.11	52.65	52.51	0.65	ppb
Tin	118-1	-0.18	-0.19	-0.18	-0.18		ppb
Titanium	47-1	3.87	3.99	4.23	4.03	4.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.43	ppb
Vanadium	51-2	522.84	521.87	529.96	524.89	0.84	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	499.97	499.19	505.71	501.62	0.71	ppb
Zirconium	90-1	0.10	0.09	0.10	0.10	4.09	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.14	0.13	0.15	16.69	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.69	23.04	22.57	23.10	2.45	ppb
Antimony	121-1	0.22	0.21	0.20	0.21	5.24	ppb
Arsenic	75-2	0.14	0.07	0.09	0.10	37.35	ppb
Barium	135-1	81.94	82.84	81.80	82.19	0.68	ppb
Barium	137-1	82.86	81.27	81.53	81.89	1.04	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	64.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	207.81	214.30	219.92	214.01	2.83	ppb
Boron	11-1	213.39	220.93	221.62	218.65	2.09	ppb
Cadmium	111-1	-0.05	-0.08	-0.14	-0.09		ppb
Cadmium	106-1	-0.70	-1.02	-1.90	-1.21		ppb
Cadmium	108-1	-0.01	0.04	-0.03	0.00		ppb
Calcium	43-1	438477.46	441002.45	443234.46	440904.79	0.54	ppb
Calcium	44-1	434013.61	433388.55	437092.20	434831.45	0.46	ppb
Chromium	52-2	0.29	0.26	0.28	0.27	6.80	ppb
Cobalt	59-2	0.17	0.17	0.14	0.16	10.95	ppb
Copper	63-2	1.51	1.57	1.70	1.59	6.11	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				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	5053.55	4822.14	4950.12	4941.94	2.35	ppb
Iron	57-2	5751.51	5519.42	5712.27	5661.07	2.19	ppb
Lead	206-1	0.03	0.04	0.04	0.04	10.99	ppb
Lead	207-1	0.03	0.03	0.03	0.03	10.76	ppb
Lead	208-1	0.03	0.03	0.03	0.03	2.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	81178.07	77974.20	80085.98	79746.08	2.04	ppb
Manganese	55-2	305.43	293.20	302.72	300.45	2.14	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.16	-0.12	-0.16	-0.15		ppb
Molybdenum	95-1	0.03	0.06	0.06	0.05	27.87	ppb
Molybdenum	96-1	0.09	0.07	0.06	0.07	20.72	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	14.96	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	33.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.23	0.23	0.23	0.68	ppb
Phosphorus	31-2	5212.63	5132.80	5279.32	5208.25	1.41	ppb
Potassium	39-2	13436.44	12965.53	13185.33	13195.77	1.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	17.76	14.24	15.86	15.95	11.02	ppb
Selenium	78-2	17.56	15.81	14.03	15.80	11.15	ppb
Selenium	82-1	28.24	28.61	29.87	28.91	2.97	ppb
Silicon	28-1	5803.36	5766.23	5853.70	5807.76	0.76	ppb
Silver	109-1	0.15	0.15	0.16	0.15	3.16	ppb
Silver	107-1	0.17	0.17	0.17	0.17	0.59	ppb
Sodium	23-2	50084.47	48164.53	49740.34	49329.78	2.08	ppb
Strontium	86-1	23596.63	23618.34	23770.71	23661.89	0.40	ppb
Strontium	88-1	23788.21	24095.73	24140.38	24008.11	0.80	ppb
Sulfur	34-1	171039.34	170619.79	173123.18	171594.10	0.78	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.02	0.02	14.75	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.52	ppb
Tin	118-1	-0.26	-0.25	-0.27	-0.26		ppb
Titanium	47-1	3.43	3.45	3.54	3.47	1.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.49	0.53	0.52	0.51	3.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	23.57	22.29	23.50	23.12	3.11	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	4.38	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.11	0.12	0.11	4.93	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.08	27.48	26.24	27.27	3.44	ppb
Antimony	121-1	0.16	0.18	0.21	0.18	15.16	ppb
Arsenic	75-2	0.11	0.12	0.16	0.13	19.84	ppb
Barium	135-1	82.50	81.14	81.92	81.85	0.84	ppb
Barium	137-1	81.74	81.65	81.36	81.58	0.24	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	52.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	206.04	208.26	214.83	209.71	2.18	ppb
Boron	11-1	211.36	211.39	217.53	213.42	1.66	ppb
Cadmium	111-1	-0.11	-0.07	-0.14	-0.11		ppb
Cadmium	106-1	-1.68	-1.00	-2.08	-1.59		ppb
Cadmium	108-1	-0.01	-0.05	0.01	-0.02		ppb
Calcium	43-1	435778.62	436904.47	435868.48	436183.86	0.14	ppb
Calcium	44-1	431500.23	432195.97	431794.82	431830.34	0.08	ppb
Chromium	52-2	0.23	0.30	0.28	0.27	12.99	ppb
Cobalt	59-2	0.16	0.15	0.16	0.16	3.62	ppb
Copper	63-2	1.61	1.49	1.60	1.57	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	4852.53	4928.96	4861.75	4881.08	0.85	ppb
Iron	57-2	5544.45	5703.30	5572.82	5606.86	1.51	ppb
Lead	206-1	0.14	0.15	0.15	0.15	3.71	ppb
Lead	207-1	0.17	0.15	0.12	0.15	16.77	ppb
Lead	208-1	0.15	0.14	0.15	0.15	3.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	79215.43	78970.82	78931.41	79039.22	0.19	ppb
Manganese	55-2	295.44	300.73	298.71	298.29	0.89	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.11	-0.15	-0.14	-0.13		ppb
Molybdenum	95-1	0.03	0.05	0.06	0.05	33.01	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.07	6.26	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	9.62	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.42	0.42	0.40	8.82	ppb
Phosphorus	31-2	5150.80	5095.50	4850.49	5032.26	3.18	ppb
Potassium	39-2	13030.99	13105.78	13074.79	13070.52	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	32.52	37.12	34.28	34.64	6.69	ppb
Selenium	78-2	31.29	33.16	33.38	32.61	3.52	ppb
Selenium	82-1	43.45	43.69	43.72	43.62	0.34	ppb
Silicon	28-1	5860.78	5760.05	5790.97	5803.93	0.89	ppb
Silver	109-1	0.13	0.12	0.13	0.12	4.41	ppb
Silver	107-1	0.11	0.13	0.13	0.13	7.39	ppb
Sodium	23-2	49102.24	49218.45	48817.47	49046.05	0.42	ppb
Strontium	86-1	23437.99	23684.52	23578.57	23567.03	0.52	ppb
Strontium	88-1	23861.61	23850.36	24006.59	23906.19	0.36	ppb
Sulfur	34-1	172130.79	171090.23	170823.06	171348.03	0.40	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.01	0.01	51.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	46.47	ppb
Tin	118-1	-0.26	-0.27	-0.25	-0.26		ppb
Titanium	47-1	3.76	3.66	3.41	3.61	4.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.45	0.51	0.46	0.48	6.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	26.93	27.15	27.51	27.20	1.07	ppb
Zirconium	90-1	0.10	0.08	0.10	0.09	8.91	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.13	0.13	0.12	9.50	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52525.55	52152.48	52271.97	52316.67	0.36	ppb
Antimony	121-1	491.32	493.87	495.48	493.56	0.43	ppb
Arsenic	75-2	502.89	499.62	500.72	501.08	0.33	ppb
Barium	135-1	2505.28	2525.19	2532.47	2520.98	0.56	ppb
Barium	137-1	2510.81	2509.14	2525.49	2515.15	0.36	ppb
Beryllium	9-1	519.68	519.49	510.72	516.63	0.99	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Boron	10-1	511.39	518.21	517.60	515.73	0.73	ppb
Boron	11-1	518.53	523.57	520.87	520.99	0.48	ppb
Cadmium	111-1	477.53	478.87	480.27	478.89	0.29	ppb
Cadmium	106-1	478.62	483.32	484.20	482.05	0.62	ppb
Cadmium	108-1	480.34	476.53	474.52	477.13	0.62	ppb
Calcium	43-1	247602.57	246480.13	245331.26	246471.32	0.46	ppb
Calcium	44-1	246880.47	246312.39	245498.05	246230.31	0.28	ppb
Chromium	52-2	517.90	527.56	521.07	522.18	0.94	ppb
Cobalt	59-2	505.03	512.72	507.67	508.48	0.77	ppb
Copper	63-2	980.47	993.19	986.77	986.81	0.64	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				92		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	132609.50	135972.56	132477.66	133686.57	1.48	ppb
Iron	57-2	133812.50	135946.68	133797.19	134518.79	0.92	ppb
Lead	206-1	526.77	532.41	525.70	528.29	0.68	ppb
Lead	207-1	520.73	522.87	520.91	521.50	0.23	ppb
Lead	208-1	520.10	525.83	518.92	521.62	0.71	ppb
Lithium	6-1				81		%
Magnesium	24-2	263567.41	261265.31	261951.58	262261.43	0.45	ppb
Manganese	55-2	1005.68	1032.90	1012.13	1016.90	1.40	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2559.91	2580.40	2559.66	2566.65	0.46	ppb
Molybdenum	95-1	2546.88	2563.26	2568.57	2559.57	0.44	ppb
Molybdenum	96-1	2554.37	2571.17	2574.09	2566.54	0.41	ppb
Molybdenum	97-1	2557.10	2577.94	2571.59	2568.88	0.42	ppb
Molybdenum	98-1	2560.44	2579.27	2554.66	2564.79	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.24	514.40	514.81	511.82	0.95	ppb
Phosphorus	31-2	10104.77	9994.64	10179.83	10093.08	0.92	ppb
Potassium	39-2	127577.02	128168.49	127356.10	127700.54	0.33	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	77-2	497.89	467.68	484.66	483.41	3.13	ppb
Selenium	78-2	499.49	487.07	492.05	492.87	1.27	ppb
Selenium	82-1	478.85	480.60	482.34	480.59	0.36	ppb
Silicon	28-1	476.84	483.96	488.11	482.97	1.18	ppb
Silver	109-1	488.88	488.49	490.55	489.31	0.22	ppb
Silver	107-1	486.75	488.87	489.38	488.33	0.29	ppb
Sodium	23-2	260250.52	262261.34	259723.90	260745.25	0.51	ppb
Strontium	86-1	504.40	502.97	502.60	503.32	0.19	ppb
Strontium	88-1	514.56	512.16	513.76	513.49	0.24	ppb
Sulfur	34-1	10289.41	10013.37	9927.84	10076.87	1.88	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	526.22	531.01	524.99	527.41	0.60	ppb
Thallium	205-1	525.13	525.86	523.29	524.76	0.25	ppb
Tin	118-1	499.49	501.37	502.90	501.26	0.34	ppb
Titanium	47-1	2544.74	2555.29	2549.83	2549.95	0.21	ppb
Uranium	238-1	521.88	520.93	523.72	522.17	0.27	ppb
Vanadium	51-2	514.16	515.37	511.50	513.68	0.38	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	960.14	956.06	950.21	955.47	0.52	ppb
Zirconium	90-1	512.86	515.46	510.76	513.02	0.46	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.99	501.76	496.48	497.41	0.80	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:09:15	DataFile Name :	032CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.91	1.90	1.44	1.75	15.17	ppb
Antimony	121-1	0.25	0.24	0.23	0.24	5.53	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	73.65	ppb
Barium	135-1	0.14	0.11	0.11	0.12	14.34	ppb
Barium	137-1	0.13	0.09	0.09	0.10	24.16	ppb
Beryllium	9-1	0.07	0.03	0.07	0.06	36.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	11.82	11.13	11.32	11.42	3.12	ppb
Boron	11-1	12.07	11.39	11.59	11.68	3.03	ppb
Cadmium	111-1	-0.05	-0.02	-0.18	-0.08		ppb
Cadmium	106-1	-0.80	-0.63	-2.54	-1.32		ppb
Cadmium	108-1	0.04	0.02	0.02	0.02	53.77	ppb
Calcium	43-1	15.94	9.79	13.77	13.17	23.69	ppb
Calcium	44-1	12.44	10.62	9.55	10.87	13.43	ppb
Chromium	52-2	0.04	0.03	0.03	0.03	19.08	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.17	ppb
Copper	63-2	0.43	0.43	0.36	0.40	9.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	5.62	5.20	4.72	5.18	8.70	ppb
Iron	57-2	6.02	4.22	3.61	4.62	27.15	ppb
Lead	206-1	0.04	0.04	0.04	0.04	6.11	ppb
Lead	207-1	0.05	0.03	0.05	0.04	25.41	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.46	ppb
Lithium	6-1				89		%
Magnesium	24-2	8.64	8.11	7.14	7.96	9.56	ppb
Manganese	55-2	0.02	0.05	0.03	0.03	37.55	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:09:15	DataFile Name :	032CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.08	-0.07	-0.05	-0.07		ppb
Molybdenum	95-1	0.25	0.28	0.22	0.25	11.21	ppb
Molybdenum	96-1	0.25	0.21	0.21	0.22	11.22	ppb
Molybdenum	97-1	0.24	0.25	0.22	0.23	6.95	ppb
Molybdenum	98-1	0.23	0.23	0.19	0.22	10.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	36.72	ppb
Phosphorus	31-2	-8.65	-8.89	-7.42	-8.32		ppb
Potassium	39-2	10.87	12.54	16.43	13.28	21.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	-0.12	-0.12	0.26	0.01	2527.32	ppb
Selenium	78-2	-0.41	-0.03	-0.21	-0.22		ppb
Selenium	82-1	1.22	1.21	0.80	1.08	22.28	ppb
Silicon	28-1	-8.21	-8.92	-8.70	-8.61		ppb
Silver	109-1	0.09	0.08	0.08	0.09	6.05	ppb
Silver	107-1	0.10	0.08	0.08	0.09	15.37	ppb
Sodium	23-2	31.98	28.75	27.16	29.30	8.39	ppb
Strontium	86-1	0.10	0.08	0.11	0.10	14.72	ppb
Strontium	88-1	0.12	0.09	0.09	0.10	14.58	ppb
Sulfur	34-1	-216.50	-275.26	-131.41	-207.73		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.07	0.05	0.05	0.06	13.17	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	21.77	ppb
Tin	118-1	0.09	0.04	0.07	0.07	41.14	ppb
Titanium	47-1	0.09	0.11	0.11	0.10	13.24	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	40.31	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	44.55	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	0.11	0.08	0.11	0.10	19.29	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	13.74	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:09:15	DataFile Name :	032CCBE_P7073118-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.04	23.53	ppb

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	8	33	33	75.02	cps
Antimony	121-1	67	33	33	44	43.30	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	25	0	25	17	86.60	cps
Barium	137-1	58	42	17	39	53.93	cps
Beryllium	9-1	44	22	11	26	65.48	cps
Bismuth	209-1	10364226	10304970	10297831	10322343	0.35	cps
Bismuth	209-2	6633972	6613016	6538992	6595326	0.76	cps
Boron	10-1	217	242	325	261	21.72	cps
Boron	11-1	967	1125	1117	1070	8.33	cps
Cadmium	111-1	3755	3417	3425	3532	5.45	cps
Cadmium	106-1	5301	4884	4918	5034	4.60	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	200	183	175	186	6.84	cps
Calcium	44-1	9846	8929	8412	9062	8.02	cps
Chromium	52-2	423	470	560	484	14.34	cps
Cobalt	59-2	50	60	47	52	13.28	cps
Copper	63-2	1590	1560	1630	1593	2.20	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	100	75	67	81	21.54	cps
Erbium	164-2	27	30	40	32	21.53	cps
Gadolinium	160-1	133	167	50	117	51.51	cps
Gadolinium	160-2	277	190	217	228	19.49	cps
Holmium	165-1	15584488	15653258	15821995	15686580	0.78	cps
Holmium	165-2	8934269	8989864	8931948	8952027	0.37	cps
Indium	115-1	12140935	12057155	12100508	12099533	0.35	cps
Indium	115-2	2593599	2601415	2624981	2606665	0.63	cps
Iron	56-2	4957	4712	5308	4992	6.00	cps
Iron	57-2	283	283	333	300	9.62	cps
Lead	206-1	394	389	422	402	4.44	cps
Lead	207-1	322	361	300	328	9.44	cps
Lead	208-1	1600	1611	1600	1604	0.40	cps
Lithium	6-1	2380997	2372005	2360816	2371272	0.43	cps
Magnesium	24-2	92	92	58	81	23.89	cps
Manganese	55-2	47	33	77	52	42.50	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	242	4291	1653	138.38	cps
Molybdenum	95-1	58	42	50	50	16.67	cps
Molybdenum	96-1	108	175	83	122	38.77	cps
Molybdenum	97-1	8	17	25	17	50.01	cps
Molybdenum	98-1	58	50	33	47	26.97	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	30	40	41	28.47	cps
Phosphorus	31-2	225	300	175	233	26.96	cps
Potassium	39-2	29038	28578	29296	28971	1.26	cps
Rhodium	103-1	11043817	10946288	11027695	11005933	0.48	cps
Rhodium	103-2	5649342	5695889	5668115	5671115	0.41	cps
Scandium	45-1	6718325	6651353	6635842	6668506	0.66	cps
Scandium	45-2	311552	312466	316460	313492	0.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	87	96	89	7.51	cps
Selenium	82-1	151	146	181	160	12.05	cps
Silicon	28-1	305996	305596	305466	305686	0.09	cps
Silver	109-1	42	75	50	56	31.22	cps
Silver	107-1	92	92	83	89	5.41	cps
Sodium	23-2	8961	8895	8903	8920	0.41	cps
Strontium	86-1	692	700	742	711	3.77	cps
Strontium	88-1	158	150	158	156	3.09	cps
Sulfur	34-1	371704	372196	368040	370646	0.61	cps
Terbium	159-1	16062877	16046093	15982144	16030371	0.27	cps
Terbium	159-2	8763716	8791187	8872270	8809058	0.64	cps
Thallium	203-1	33	25	50	36	35.25	cps
Thallium	205-1	92	150	133	125	24.04	cps
Tin	118-1	4393	4293	4134	4273	3.05	cps
Titanium	47-1	42	158	125	108	55.47	cps
Uranium	238-1	200	150	125	158	24.12	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	12035439	12070583	11945268	12017097	0.54	cps
Yttrium	89-2	1873625	1897656	1901428	1890903	0.80	cps
Zinc	66-2	273	243	243	253	6.84	cps
Zirconium	90-1	1000	917	1175	1031	12.79	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:09:13	DataFile Name :	003CALB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	183	192	194	6.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2267	2050	2242	2186	5.42	cps
Antimony	121-1	20816	20249	20658	20574	1.42	cps
Arsenic	75-2	356	348	426	377	11.40	cps
Barium	135-1	25349	25716	26576	25880	2.43	cps
Barium	137-1	45149	46120	44756	45342	1.55	cps
Beryllium	9-1	2028	1889	2150	2022	6.46	cps
Bismuth	209-1	9957887	9940001	9978825	9958904	0.20	cps
Bismuth	209-2	6312402	6302609	6303975	6306329	0.08	cps
Boron	10-1	6093	5610	5901	5868	4.15	cps
Boron	11-1	26958	27384	28511	27618	2.91	cps
Cadmium	111-1	6229	6271	6716	6406	4.21	cps
Cadmium	106-1	5501	5176	5601	5426	4.10	cps
Cadmium	108-1	246	200	233	226	10.46	cps
Calcium	43-1	13365	13624	13699	13562	1.29	cps
Calcium	44-1	229909	226983	225326	227406	1.02	cps
Chromium	52-2	7118	7055	7155	7110	0.71	cps
Cobalt	59-2	5268	5401	5311	5327	1.28	cps
Copper	63-2	8913	9133	8953	9000	1.30	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	125	58	72	65.61	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	100	83	50	78	32.73	cps
Gadolinium	160-2	183	220	213	206	9.50	cps
Holmium	165-1	15055678	15231678	15151759	15146372	0.58	cps
Holmium	165-2	8575297	8459732	8511505	8515511	0.68	cps
Indium	115-1	11683881	11715425	11747950	11715752	0.27	cps
Indium	115-2	2617499	2624583	2631662	2624581	0.27	cps
Iron	56-2	138698	137274	137509	137827	0.55	cps
Iron	57-2	3634	3473	3890	3665	5.73	cps
Lead	206-1	9381	9142	9281	9268	1.30	cps
Lead	207-1	8481	8242	8353	8358	1.43	cps
Lead	208-1	37905	37895	37644	37815	0.39	cps
Lithium	6-1	2313518	2321263	2325698	2320160	0.27	cps
Magnesium	24-2	110278	108876	110724	109959	0.88	cps
Manganese	55-2	1920	1954	2014	1962	2.41	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20615	20348	20532	20499	0.67	cps
Molybdenum	95-1	24263	24430	24872	24522	1.28	cps
Molybdenum	96-1	28204	26993	27027	27408	2.52	cps
Molybdenum	97-1	15292	15442	15642	15459	1.14	cps
Molybdenum	98-1	41069	41553	39865	40829	2.13	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1560	1490	1473	1508	3.05	cps
Phosphorus	31-2	383	250	233	289	28.46	cps
Potassium	39-2	140661	137414	140485	139520	1.31	cps
Rhodium	103-1	10556822	10605162	10625488	10595824	0.33	cps
Rhodium	103-2	5426212	5405218	5399615	5410348	0.26	cps
Scandium	45-1	6460925	6529139	6454736	6481600	0.64	cps
Scandium	45-2	316995	314449	316348	315931	0.42	cps
Selenium	77-2	57	43	63	54	18.71	cps
Selenium	78-2	233	261	265	253	6.80	cps
Selenium	82-1	1060	990	1107	1052	5.61	cps
Silicon	28-1	384966	385643	381224	383944	0.62	cps
Silver	109-1	12615	12623	12906	12715	1.31	cps
Silver	107-1	12656	13315	14066	13346	5.29	cps
Sodium	23-2	215265	215592	214487	215115	0.26	cps
Strontium	86-1	3884	3901	4026	3937	1.97	cps
Strontium	88-1	27836	28195	27911	27981	0.68	cps
Sulfur	34-1	380099	375023	377716	377613	0.67	cps
Terbium	159-1	15459045	15470970	15534784	15488266	0.26	cps
Terbium	159-2	8427882	8358284	8335450	8373872	0.57	cps
Thallium	203-1	10855	10763	10938	10852	0.81	cps
Thallium	205-1	26427	26828	26970	26742	1.05	cps
Tin	118-1	47515	47272	47347	47378	0.26	cps
Titanium	47-1	6560	6977	6527	6688	3.75	cps
Uranium	238-1	35107	36101	35533	35580	1.40	cps
Vanadium	51-2	12105	12165	12249	12173	0.59	cps
Yttrium	89-1	11553476	11568287	11607840	11576534	0.24	cps
Yttrium	89-2	1907398	1893011	1898568	1899659	0.38	cps
Zinc	66-2	1400	1517	1557	1491	5.46	cps
Zirconium	90-1	18679	18120	18504	18435	1.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:17:22	DataFile Name :	005CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3809	3767	3759	3778	0.71	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101459	101082	101301	101281	0.19	cps
Antimony	121-1	531891	530828	524113	528944	0.80	cps
Arsenic	75-2	19150	18677	18351	18726	2.15	cps
Barium	135-1	673927	667578	666461	669322	0.60	cps
Barium	137-1	1163414	1178481	1168315	1170070	0.66	cps
Beryllium	9-1	99133	98832	99290	99085	0.23	cps
Bismuth	209-1	9969503	9937598	9964416	9957172	0.17	cps
Bismuth	209-2	6238773	6249493	6298212	6262159	0.51	cps
Boron	10-1	12522	12055	12222	12267	1.93	cps
Boron	11-1	56448	56682	55896	56342	0.72	cps
Cadmium	111-1	147970	147198	146715	147294	0.43	cps
Cadmium	106-1	20574	20716	20474	20588	0.59	cps
Cadmium	108-1	11046	10500	10613	10720	2.69	cps
Calcium	43-1	142918	143362	144297	143526	0.49	cps
Calcium	44-1	2320538	2309178	2319517	2316411	0.27	cps
Chromium	52-2	155652	154655	154813	155040	0.35	cps
Cobalt	59-2	260352	261801	256580	259578	1.04	cps
Copper	63-2	370357	370416	369956	370243	0.07	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	27	20	7	18	57.27	cps
Erbium	164-1	75	33	100	69	48.50	cps
Erbium	164-2	20	30	43	31	37.62	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	260	233	247	247	5.41	cps
Holmium	165-1	15138205	15194918	15166738	15166620	0.19	cps
Holmium	165-2	8518931	8498423	8514666	8510673	0.13	cps
Indium	115-1	11665777	11620183	11612011	11632657	0.25	cps
Indium	115-2	2589728	2574785	2581377	2581963	0.29	cps
Iron	56-2	6683430	6718840	6672936	6691736	0.36	cps
Iron	57-2	166619	167371	165280	166423	0.64	cps
Lead	206-1	461600	458234	458272	459369	0.42	cps
Lead	207-1	411621	414360	411853	412611	0.37	cps
Lead	208-1	1853852	1854128	1856759	1854913	0.09	cps
Lithium	6-1	2319040	2314924	2325106	2319690	0.22	cps
Magnesium	24-2	1155111	1155103	1140329	1150181	0.74	cps
Manganese	55-2	187130	188193	186401	187241	0.48	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1046593	1037232	1045729	1043185	0.50	cps
Molybdenum	95-1	1276917	1276379	1271472	1274923	0.24	cps
Molybdenum	96-1	1430565	1406216	1407582	1414788	0.97	cps
Molybdenum	97-1	806371	800267	796348	800996	0.63	cps
Molybdenum	98-1	2076460	2047353	2064513	2062775	0.71	cps
Neodymium	150-1	40	80	87	69	36.64	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	68924	68700	68650	68758	0.21	cps
Phosphorus	31-2	5993	5935	6310	6079	3.32	cps
Potassium	39-2	592307	598199	589562	593356	0.74	cps
Rhodium	103-1	10553511	10488823	10451604	10497979	0.49	cps
Rhodium	103-2	5318602	5264683	5312306	5298530	0.56	cps
Scandium	45-1	6364420	6338774	6368866	6357353	0.26	cps
Scandium	45-2	307384	306982	308144	307503	0.19	cps
Selenium	77-2	490	490	517	499	3.09	cps
Selenium	78-2	1695	1719	1835	1750	4.30	cps
Selenium	82-1	9655	9734	9807	9732	0.78	cps
Silicon	28-1	638000	646754	647371	644042	0.81	cps
Silver	109-1	650110	651847	649440	650465	0.19	cps
Silver	107-1	682280	676372	678217	678956	0.45	cps
Sodium	23-2	2091315	2085795	2082688	2086599	0.21	cps
Strontium	86-1	168799	166285	167725	167603	0.75	cps
Strontium	88-1	1453811	1436916	1442309	1444345	0.60	cps
Sulfur	34-1	427842	420080	422090	423338	0.95	cps
Terbium	159-1	15461339	15488649	15400968	15450318	0.29	cps
Terbium	159-2	8406191	8379072	8402266	8395843	0.17	cps
Thallium	203-1	561268	562727	563127	562374	0.17	cps
Thallium	205-1	1341093	1335200	1346862	1341052	0.43	cps
Tin	118-1	445626	448359	444409	446132	0.45	cps
Titanium	47-1	325180	326813	322800	324931	0.62	cps
Uranium	238-1	1842923	1825691	1827927	1832180	0.51	cps
Vanadium	51-2	126285	124746	123955	124995	0.95	cps
Yttrium	89-1	11552126	11496171	11479654	11509317	0.33	cps
Yttrium	89-2	1866182	1874860	1883443	1874828	0.46	cps
Zinc	66-2	56248	56766	56465	56493	0.46	cps
Zirconium	90-1	864966	861986	861183	862712	0.23	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:21:15	DataFile Name :	006CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	193305	191554	193937	192932	0.64	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246483	245380	241474	244446	1.08	cps
Antimony	121-1	1293587	1297713	1303690	1298330	0.39	cps
Arsenic	75-2	45010	44845	44366	44740	0.75	cps
Barium	135-1	1647724	1642126	1642734	1644195	0.19	cps
Barium	137-1	2862426	2848515	2859551	2856831	0.26	cps
Beryllium	9-1	240567	239337	241042	240315	0.37	cps
Bismuth	209-1	9793165	9801251	9884081	9826166	0.51	cps
Bismuth	209-2	6169330	6200227	6142426	6170661	0.47	cps
Boron	10-1	28436	29997	30089	29507	3.15	cps
Boron	11-1	132342	135848	136957	135049	1.78	cps
Cadmium	111-1	354900	355677	358302	356293	0.50	cps
Cadmium	106-1	44295	43117	43953	43788	1.38	cps
Cadmium	108-1	26525	26354	26279	26386	0.48	cps
Calcium	43-1	346602	342717	346493	345271	0.64	cps
Calcium	44-1	5578673	5594973	5599544	5591063	0.20	cps
Chromium	52-2	373939	370826	369206	371323	0.65	cps
Cobalt	59-2	618223	616827	617070	617373	0.12	cps
Copper	63-2	876189	882467	873772	877476	0.51	cps
Dysprosium	156-1	33	17	17	22	43.30	cps
Dysprosium	156-2	27	37	47	37	27.27	cps
Erbium	164-1	100	25	67	64	58.82	cps
Erbium	164-2	33	23	13	23	42.86	cps
Gadolinium	160-1	125	100	125	117	12.38	cps
Gadolinium	160-2	203	220	203	209	4.61	cps
Holmium	165-1	15042236	15004376	15159440	15068684	0.54	cps
Holmium	165-2	8473502	8468466	8451366	8464445	0.14	cps
Indium	115-1	11459802	11373980	11421987	11418590	0.38	cps
Indium	115-2	2499977	2507270	2505209	2504152	0.15	cps
Iron	56-2	16153680	16078490	15955463	16062544	0.62	cps
Iron	57-2	398974	397480	394038	396831	0.64	cps
Lead	206-1	1117556	1144792	1139174	1133841	1.27	cps
Lead	207-1	1016944	1014934	1028882	1020253	0.74	cps
Lead	208-1	4548561	4569194	4594934	4570896	0.51	cps
Lithium	6-1	2259360	2262817	2278343	2266840	0.45	cps
Magnesium	24-2	2809822	2779715	2773974	2787837	0.69	cps
Manganese	55-2	449640	447146	446599	447795	0.36	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2554909	2546281	2558731	2553307	0.25	cps
Molybdenum	95-1	3130520	3121577	3129048	3127049	0.15	cps
Molybdenum	96-1	3489761	3481980	3459269	3477003	0.46	cps
Molybdenum	97-1	1955784	1969306	1947629	1957573	0.56	cps
Molybdenum	98-1	5035099	5022477	5004781	5020786	0.30	cps
Neodymium	150-1	133	140	160	144	9.61	cps
Neodymium	150-2	10	17	30	19	53.91	cps
Nickel	60-2	164156	165010	164117	164428	0.31	cps
Phosphorus	31-2	13765	13657	13407	13609	1.35	cps
Potassium	39-2	1381669	1382075	1370891	1378212	0.46	cps
Rhodium	103-1	10218813	10142158	10248441	10203137	0.54	cps
Rhodium	103-2	5135620	5137374	5128036	5133677	0.10	cps
Scandium	45-1	6218705	6241179	6248059	6235981	0.25	cps
Scandium	45-2	295679	296708	295935	296107	0.18	cps
Selenium	77-2	1140	1150	1107	1132	2.00	cps
Selenium	78-2	4156	3999	4001	4052	2.23	cps
Selenium	82-1	23524	23327	23698	23516	0.79	cps
Silicon	28-1	1148784	1174770	1173949	1165834	1.27	cps
Silver	109-1	1587327	1578289	1596921	1587513	0.59	cps
Silver	107-1	1662057	1639949	1648601	1650202	0.68	cps
Sodium	23-2	5079853	5047465	5013309	5046876	0.66	cps
Strontium	86-1	408827	405956	404047	406277	0.59	cps
Strontium	88-1	3549055	3495566	3504412	3516344	0.82	cps
Sulfur	34-1	479015	477564	471111	475897	0.88	cps
Terbium	159-1	15308002	15457552	15456062	15407205	0.56	cps
Terbium	159-2	8340561	8314135	8250557	8301751	0.56	cps
Thallium	203-1	1384798	1384571	1402578	1390649	0.74	cps
Thallium	205-1	3268649	3290453	3297353	3285485	0.46	cps
Tin	118-1	1089714	1083000	1092458	1088391	0.45	cps
Titanium	47-1	802003	791300	795518	796274	0.68	cps
Uranium	238-1	4561250	4543747	4592441	4565813	0.54	cps
Vanadium	51-2	303543	302908	300172	302207	0.59	cps
Yttrium	89-1	11332907	11253990	11267612	11284836	0.37	cps
Yttrium	89-2	1819791	1813303	1814614	1815903	0.19	cps
Zinc	66-2	133501	134422	131748	133224	1.02	cps
Zirconium	90-1	2108341	2103311	2100285	2103979	0.19	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:25:21	DataFile Name :	007CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	473748	468137	474633	472173	0.75	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472328	466981	471394	470234	0.61	cps
Antimony	121-1	2528971	2517329	2515446	2520582	0.29	cps
Arsenic	75-2	87630	88036	90003	88557	1.43	cps
Barium	135-1	3216704	3168077	3200750	3195177	0.78	cps
Barium	137-1	5585787	5586179	5578976	5583647	0.07	cps
Beryllium	9-1	465913	457479	456404	459932	1.13	cps
Bismuth	209-1	9781785	9740830	9731029	9751215	0.28	cps
Bismuth	209-2	6097601	6120806	6118604	6112337	0.21	cps
Boron	10-1	57017	59067	56866	57650	2.13	cps
Boron	11-1	261068	267400	265675	264714	1.24	cps
Cadmium	111-1	679194	678600	678554	678783	0.05	cps
Cadmium	106-1	77503	80621	77688	78604	2.23	cps
Cadmium	108-1	51736	51088	50570	51131	1.14	cps
Calcium	43-1	672526	659133	660556	664072	1.11	cps
Calcium	44-1	10908873	10702785	10770231	10793963	0.97	cps
Chromium	52-2	725796	724461	721111	723789	0.33	cps
Cobalt	59-2	1193350	1198721	1189921	1193998	0.37	cps
Copper	63-2	1693415	1688427	1688952	1690265	0.16	cps
Dysprosium	156-1	83	50	92	75	29.40	cps
Dysprosium	156-2	70	40	57	56	27.06	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	30	17	19	53.91	cps
Gadolinium	160-1	125	108	158	131	19.50	cps
Gadolinium	160-2	253	220	193	222	13.53	cps
Holmium	165-1	14910065	14836964	14906980	14884670	0.28	cps
Holmium	165-2	8417203	8453764	8445022	8438663	0.23	cps
Indium	115-1	11140844	11057162	11041401	11079802	0.48	cps
Indium	115-2	2475069	2459840	2457488	2464133	0.39	cps
Iron	56-2	31397188	31378026	31134990	31303401	0.47	cps
Iron	57-2	772020	772654	772905	772526	0.06	cps
Lead	206-1	2232256	2229536	2225073	2228955	0.16	cps
Lead	207-1	2012930	2011124	2010372	2011475	0.07	cps
Lead	208-1	9049243	8974904	9035091	9019746	0.44	cps
Lithium	6-1	2264661	2227901	2232677	2241746	0.89	cps
Magnesium	24-2	5458551	5416554	5457285	5444130	0.44	cps
Manganese	55-2	876216	869503	864987	870235	0.65	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4998645	4915951	4987725	4967440	0.90	cps
Molybdenum	95-1	6088545	6024387	6090620	6067851	0.62	cps
Molybdenum	96-1	6808521	6733895	6736562	6759659	0.63	cps
Molybdenum	97-1	3802643	3795539	3791239	3796474	0.15	cps
Molybdenum	98-1	9875098	9818988	9805500	9833195	0.38	cps
Neodymium	150-1	280	240	280	267	8.66	cps
Neodymium	150-2	37	30	1093	386	158.27	cps
Nickel	60-2	317411	318757	315678	317282	0.49	cps
Phosphorus	31-2	25948	25932	26566	26149	1.38	cps
Potassium	39-2	2656422	2643856	2639760	2646679	0.33	cps
Rhodium	103-1	9930323	9794798	9827858	9850993	0.72	cps
Rhodium	103-2	5054047	5030490	4994264	5026267	0.60	cps
Scandium	45-1	6037383	5995602	5960881	5997955	0.64	cps
Scandium	45-2	291972	290254	290157	290794	0.35	cps
Selenium	77-2	2360	2350	2347	2352	0.29	cps
Selenium	78-2	7684	8010	7819	7837	2.09	cps
Selenium	82-1	45106	44720	44745	44857	0.48	cps
Silicon	28-1	1996139	2016331	2016035	2009502	0.58	cps
Silver	109-1	3056406	3015572	3026285	3032754	0.70	cps
Silver	107-1	3165056	3142493	3126788	3144779	0.61	cps
Sodium	23-2	9822585	9812826	9836139	9823850	0.12	cps
Strontium	86-1	780700	779784	775988	778824	0.32	cps
Strontium	88-1	6872127	6802057	6830474	6834886	0.52	cps
Sulfur	34-1	555207	552104	544553	550621	1.00	cps
Terbium	159-1	15308492	15236301	15211266	15252020	0.33	cps
Terbium	159-2	8328382	8325847	8261388	8305206	0.46	cps
Thallium	203-1	2734445	2702238	2750331	2729005	0.90	cps
Thallium	205-1	6645083	6548313	6635740	6609712	0.81	cps
Tin	118-1	2120303	2096301	2106263	2107622	0.57	cps
Titanium	47-1	1527750	1509272	1519959	1518994	0.61	cps
Uranium	238-1	9170313	9230437	9201298	9200683	0.33	cps
Vanadium	51-2	591977	592559	586214	590250	0.59	cps
Yttrium	89-1	11130123	11037501	11006230	11057951	0.58	cps
Yttrium	89-2	1789685	1796158	1774835	1786893	0.61	cps
Zinc	66-2	260034	257037	258354	258475	0.58	cps
Zirconium	90-1	4151290	4134728	4117173	4134397	0.41	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:29:08	DataFile Name :	008CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917486	904160	917951	913199	0.86	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933216	937407	929717	933447	0.41	cps
Antimony	121-1	5066198	5046913	5105921	5073011	0.59	cps
Arsenic	75-2	176621	174483	174839	175314	0.65	cps
Barium	135-1	6411304	6431764	6482428	6441832	0.57	cps
Barium	137-1	11182334	11185343	11275389	11214355	0.47	cps
Beryllium	9-1	877015	880592	884113	880574	0.40	cps
Bismuth	209-1	9619439	9649309	9640176	9636308	0.16	cps
Bismuth	209-2	6050338	5893151	5966575	5970021	1.32	cps
Boron	10-1	108999	109662	113735	110799	2.31	cps
Boron	11-1	497493	504800	517516	506603	2.00	cps
Cadmium	111-1	1333200	1332408	1327040	1330883	0.25	cps
Cadmium	106-1	150230	150324	152311	150955	0.78	cps
Cadmium	108-1	100134	99987	101276	100465	0.70	cps
Calcium	43-1	1306278	1294354	1310231	1303621	0.63	cps
Calcium	44-1	21233277	21180258	21386492	21266676	0.50	cps
Chromium	52-2	1422091	1446142	1433870	1434034	0.84	cps
Cobalt	59-2	2357296	2364851	2357353	2359833	0.18	cps
Copper	63-2	3365586	3351179	3326104	3347623	0.60	cps
Dysprosium	156-1	83	167	167	139	34.64	cps
Dysprosium	156-2	130	147	103	127	17.25	cps
Erbium	164-1	83	83	83	83	0.00	cps
Erbium	164-2	30	17	47	31	48.31	cps
Gadolinium	160-1	175	192	100	156	31.39	cps
Gadolinium	160-2	247	187	233	222	14.18	cps
Holmium	165-1	14972699	15007690	14973686	14984692	0.13	cps
Holmium	165-2	8547538	8315013	8348149	8403567	1.50	cps
Indium	115-1	10980803	10970662	10988940	10980135	0.08	cps
Indium	115-2	2452237	2378970	2409280	2413496	1.53	cps
Iron	56-2	63406640	62134986	62065972	62535866	1.21	cps
Iron	57-2	1541220	1534732	1524264	1533405	0.56	cps
Lead	206-1	4475878	4491127	4483923	4483643	0.17	cps
Lead	207-1	3996493	3995803	4011754	4001350	0.23	cps
Lead	208-1	18019275	18018591	18023406	18020424	0.01	cps
Lithium	6-1	2161352	2164390	2163496	2163079	0.07	cps
Magnesium	24-2	10719715	10800908	10750466	10757029	0.38	cps
Manganese	55-2	1736880	1734773	1734896	1735516	0.07	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9944181	9884598	10010430	9946403	0.63	cps
Molybdenum	95-1	12081757	12076569	12195790	12118039	0.56	cps
Molybdenum	96-1	13473279	13552547	13595594	13540473	0.46	cps
Molybdenum	97-1	7571340	7653695	7629236	7618090	0.56	cps
Molybdenum	98-1	19629508	19689568	19590593	19636556	0.25	cps
Neodymium	150-1	427	493	660	527	22.82	cps
Neodymium	150-2	77	63	53	64	18.17	cps
Nickel	60-2	627958	626181	626402	626847	0.15	cps
Phosphorus	31-2	51832	52134	52159	52042	0.35	cps
Potassium	39-2	5219944	5292358	5237158	5249820	0.72	cps
Rhodium	103-1	9701075	9732317	9724309	9719234	0.17	cps
Rhodium	103-2	5012488	4853637	4919326	4928484	1.62	cps
Scandium	45-1	5886216	5919649	5957215	5921027	0.60	cps
Scandium	45-2	289615	284602	288035	287418	0.89	cps
Selenium	77-2	4731	4581	4521	4611	2.35	cps
Selenium	78-2	14930	15408	14954	15097	1.78	cps
Selenium	82-1	87543	87664	87560	87589	0.07	cps
Silicon	28-1	3416432	3492999	3517462	3475631	1.52	cps
Silver	109-1	5986908	6024979	6048310	6020066	0.51	cps
Silver	107-1	6306695	6211050	6296887	6271544	0.84	cps
Sodium	23-2	19576270	19533444	19583571	19564429	0.14	cps
Strontium	86-1	1560195	1563275	1568923	1564131	0.28	cps
Strontium	88-1	13724162	13703809	13810907	13746292	0.41	cps
Sulfur	34-1	740361	743537	741135	741678	0.22	cps
Terbium	159-1	15226917	15268057	15315395	15270123	0.29	cps
Terbium	159-2	8401107	8116626	8234635	8250789	1.73	cps
Thallium	203-1	5534907	5557883	5484826	5525872	0.68	cps
Thallium	205-1	13152436	13241925	13139660	13178007	0.42	cps
Tin	118-1	4222121	4279521	4266061	4255901	0.71	cps
Titanium	47-1	3001607	2997289	3038407	3012434	0.75	cps
Uranium	238-1	18246971	18507767	18637292	18464010	1.08	cps
Vanadium	51-2	1172473	1186314	1182582	1180456	0.61	cps
Yttrium	89-1	10999647	11029212	11032564	11020474	0.16	cps
Yttrium	89-2	1790156	1748170	1767407	1768578	1.19	cps
Zinc	66-2	503902	506075	502559	504179	0.35	cps
Zirconium	90-1	8284510	8343154	8371862	8333175	0.53	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:32:55	DataFile Name :	009CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1822486	1828651	1833777	1828305	0.31	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1843714	1822789	1817587	1828030	0.76	cps
Antimony	121-1	10101396	10220219	10226480	10182698	0.69	cps
Arsenic	75-2	342735	343642	342438	342938	0.18	cps
Barium	135-1	12852174	13005182	12975910	12944422	0.63	cps
Barium	137-1	22568041	22545840	22640392	22584758	0.22	cps
Beryllium	9-1	1695050	1686311	1690391	1690584	0.26	cps
Bismuth	209-1	9455385	9490173	9545010	9496856	0.48	cps
Bismuth	209-2	5917659	5954707	5874319	5915562	0.68	cps
Boron	10-1	213979	218651	221271	217967	1.69	cps
Boron	11-1	967426	996443	1007296	990388	2.08	cps
Cadmium	111-1	2604810	2623553	2630493	2619619	0.51	cps
Cadmium	106-1	284592	291320	293518	289810	1.60	cps
Cadmium	108-1	199895	197944	198314	198718	0.52	cps
Calcium	43-1	2601943	2608253	2590556	2600251	0.34	cps
Calcium	44-1	42808163	42810165	42792585	42803638	0.02	cps
Chromium	52-2	2820346	2842800	2821860	2828335	0.44	cps
Cobalt	59-2	4690946	4651612	4651554	4664704	0.49	cps
Copper	63-2	6498384	6505560	6502204	6502049	0.06	cps
Dysprosium	156-1	708	775	642	708	9.41	cps
Dysprosium	156-2	427	433	350	403	11.48	cps
Erbium	164-1	333	333	183	283	30.57	cps
Erbium	164-2	180	177	147	168	10.94	cps
Gadolinium	160-1	533	442	617	531	16.50	cps
Gadolinium	160-2	460	460	507	476	5.67	cps
Holmium	165-1	14948977	15095718	15139239	15061311	0.66	cps
Holmium	165-2	8479717	8510951	8363523	8451397	0.92	cps
Indium	115-1	10871057	10876756	10892756	10880190	0.10	cps
Indium	115-2	2382973	2406273	2380206	2389818	0.60	cps
Iron	56-2	123802053	124238364	122985522	123675313	0.51	cps
Iron	57-2	3005877	3021259	3020899	3016012	0.29	cps
Lead	206-1	8838842	8927944	8919328	8895372	0.55	cps
Lead	207-1	7971453	7937213	7913927	7940864	0.36	cps
Lead	208-1	35856691	35794927	35795559	35815726	0.10	cps
Lithium	6-1	2113880	2081017	2133354	2109417	1.25	cps
Magnesium	24-2	21212308	21130911	21162212	21168477	0.19	cps
Manganese	55-2	3410867	3426600	3394576	3410681	0.47	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19942851	20173825	20170969	20095882	0.66	cps
Molybdenum	95-1	24572851	24645092	24686602	24634848	0.23	cps
Molybdenum	96-1	27051262	27377757	27434450	27287823	0.76	cps
Molybdenum	97-1	15405338	15405840	15498560	15436580	0.35	cps
Molybdenum	98-1	39542069	39846850	40060342	39816420	0.65	cps
Neodymium	150-1	1754	1787	1647	1729	4.23	cps
Neodymium	150-2	433	393	383	403	6.56	cps
Nickel	60-2	1217116	1216705	1216721	1216847	0.02	cps
Phosphorus	31-2	101578	102342	101947	101956	0.37	cps
Potassium	39-2	10438631	10376896	10426125	10413884	0.31	cps
Rhodium	103-1	9552756	9627584	9646310	9608883	0.52	cps
Rhodium	103-2	4885733	4895177	4850369	4877093	0.48	cps
Scandium	45-1	5914542	5928104	5910607	5917751	0.16	cps
Scandium	45-2	291949	290765	291105	291273	0.21	cps
Selenium	77-2	8713	8793	8736	8747	0.47	cps
Selenium	78-2	29721	29719	29537	29659	0.36	cps
Selenium	82-1	172397	172178	173584	172720	0.44	cps
Silicon	28-1	5959882	6002149	6079408	6013813	1.01	cps
Silver	109-1	11734509	11923098	11924647	11860751	0.92	cps
Silver	107-1	12254754	12403684	12436665	12365035	0.78	cps
Sodium	23-2	38598080	38661679	38603931	38621230	0.09	cps
Strontium	86-1	3122299	3134010	3174565	3143625	0.87	cps
Strontium	88-1	27424304	27642947	27850452	27639234	0.77	cps
Sulfur	34-1	1157589	1165583	1161950	1161708	0.34	cps
Terbium	159-1	15309354	15342081	15505479	15385638	0.68	cps
Terbium	159-2	8386805	8294232	8270605	8317214	0.74	cps
Thallium	203-1	10969304	11043539	11034418	11015753	0.37	cps
Thallium	205-1	26144495	26462636	26331710	26312947	0.61	cps
Tin	118-1	8511496	8511741	8554690	8525976	0.29	cps
Titanium	47-1	6074499	6084086	6045411	6067999	0.33	cps
Uranium	238-1	37164465	37350960	37433171	37316199	0.37	cps
Vanadium	51-2	2337085	2336708	2329530	2334441	0.18	cps
Yttrium	89-1	11063582	11107252	11196880	11122571	0.61	cps
Yttrium	89-2	1776630	1777870	1769542	1774681	0.25	cps
Zinc	66-2	1050637	1052550	1045597	1049595	0.34	cps
Zirconium	90-1	16749232	16892312	16860523	16834022	0.45	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:36:38	DataFile Name :	010CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3739455	3758051	3780036	3759181	0.54	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9247340	9263996	9405646	9305660	0.93	cps
Antimony	121-1	15668	15684	14783	15379	3.35	cps
Arsenic	75-2	557	537	513	536	4.15	cps
Barium	135-1	2817	2359	2425	2534	9.78	cps
Barium	137-1	5301	4851	4293	4815	10.49	cps
Beryllium	9-1	450	383	306	380	19.04	cps
Bismuth	209-1	7991715	8049511	7913095	7984774	0.86	cps
Bismuth	209-2	5134547	5129981	5161001	5141843	0.33	cps
Boron	10-1	7911	7410	7060	7460	5.73	cps
Boron	11-1	35417	33856	30298	33190	7.90	cps
Cadmium	111-1	4135	3919	3838	3964	3.88	cps
Cadmium	106-1	4943	4809	4676	4809	2.77	cps
Cadmium	108-1	71	63	50	61	17.16	cps
Calcium	43-1	12857193	12984554	12768464	12870071	0.84	cps
Calcium	44-1	210274430	211747671	208994230	210338777	0.66	cps
Chromium	52-2	99643	98664	99899	99402	0.66	cps
Cobalt	59-2	54063	54387	54815	54422	0.69	cps
Copper	63-2	14918	14627	15331	14959	2.37	cps
Dysprosium	156-1	75	158	133	122	34.99	cps
Dysprosium	156-2	67	63	63	64	2.99	cps
Erbium	164-1	92	67	92	83	17.32	cps
Erbium	164-2	37	33	43	38	13.48	cps
Gadolinium	160-1	142	200	142	161	20.91	cps
Gadolinium	160-2	300	247	240	262	12.54	cps
Holmium	165-1	13704029	13798502	13474175	13658902	1.22	cps
Holmium	165-2	7908079	7924110	8018721	7950303	0.75	cps
Indium	115-1	9802419	9794805	9739175	9778800	0.35	cps
Indium	115-2	2257712	2274279	2298219	2276737	0.89	cps
Iron	56-2	579644591	578724813	585384613	581251339	0.62	cps
Iron	57-2	14208819	14297530	14374322	14293557	0.58	cps
Lead	206-1	51450	51913	49659	51007	2.33	cps
Lead	207-1	42697	41593	41722	42004	1.44	cps
Lead	208-1	199382	199089	194596	197689	1.36	cps
Lithium	6-1	2079003	2135624	2130329	2114985	1.48	cps
Magnesium	24-2	101289877	102066381	103721388	102359215	1.21	cps
Manganese	55-2	16556	16723	17157	16812	1.84	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20707	21442	21325	21158	1.87	cps
Molybdenum	95-1	35554	33582	33733	34289	3.20	cps
Molybdenum	96-1	45867	45741	44119	45242	2.15	cps
Molybdenum	97-1	21867	21367	21300	21511	1.44	cps
Molybdenum	98-1	56797	55659	52197	54884	4.37	cps
Neodymium	150-1	180	87	80	116	48.39	cps
Neodymium	150-2	70	43	63	59	23.57	cps
Nickel	60-2	35296	36094	36328	35906	1.51	cps
Phosphorus	31-2	275	242	308	275	12.12	cps
Potassium	39-2	51129255	51409050	52656100	51731469	1.57	cps
Rhodium	103-1	8377135	8451181	8321689	8383335	0.77	cps
Rhodium	103-2	4301902	4355376	4373414	4343564	0.86	cps
Scandium	45-1	5703880	5718466	5682044	5701463	0.32	cps
Scandium	45-2	280909	279045	285637	281863	1.21	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	109	107	111	109	1.69	cps
Selenium	82-1	483	369	384	412	15.05	cps
Silicon	28-1	964316	999394	1003625	989111	2.18	cps
Silver	109-1	1675	1167	1308	1383	18.97	cps
Silver	107-1	1709	1450	1475	1545	9.23	cps
Sodium	23-2	187740013	189443479	191311254	189498249	0.94	cps
Strontium	86-1	15259	15259	14792	15103	1.79	cps
Strontium	88-1	126956	129473	125554	127328	1.56	cps
Sulfur	34-1	306915	317883	321092	315296	2.36	cps
Terbium	159-1	14022949	14031683	13822840	13959157	0.85	cps
Terbium	159-2	7783817	7743730	7867768	7798439	0.81	cps
Thallium	203-1	5726	4876	4876	5160	9.52	cps
Thallium	205-1	12523	12723	11464	12237	5.53	cps
Tin	118-1	18304	17153	16969	17475	4.14	cps
Titanium	47-1	3217	3384	2967	3189	6.58	cps
Uranium	238-1	4576	3742	3059	3792	20.04	cps
Vanadium	51-2	907	967	887	920	4.53	cps
Yttrium	89-1	10282604	10243964	10166197	10230922	0.58	cps
Yttrium	89-2	1719665	1714458	1730456	1721526	0.47	cps
Zinc	66-2	6622	6635	6335	6530	2.60	cps
Zirconium	90-1	4376	4309	3409	4031	13.40	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 12:40:22	DataFile Name :	011CALS_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	783	708	828	17.73	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50662	49140	50712	50171	1.78	cps
Antimony	121-1	1942324	1933787	1929229	1935113	0.34	cps
Arsenic	75-2	71724	72643	71554	71974	0.81	cps
Barium	135-1	254176	252579	255281	254012	0.53	cps
Barium	137-1	440220	443120	441183	441508	0.33	cps
Beryllium	9-1	192814	194732	193935	193827	0.50	cps
Bismuth	209-1	9805581	9774882	9829401	9803288	0.28	cps
Bismuth	209-2	6271258	6206363	6211150	6229591	0.58	cps
Boron	10-1	130114	135815	138109	134679	3.06	cps
Boron	11-1	608704	623357	631658	621239	1.87	cps
Cadmium	111-1	283176	284004	283986	283722	0.17	cps
Cadmium	106-1	56714	56756	56974	56815	0.25	cps
Cadmium	108-1	29143	29640	28583	29122	1.81	cps
Calcium	43-1	61737	63604	61411	62251	1.90	cps
Calcium	44-1	956513	946154	944438	949035	0.69	cps
Chromium	52-2	292686	291117	290791	291532	0.35	cps
Cobalt	59-2	493091	489523	494455	492356	0.52	cps
Copper	63-2	357961	358976	354826	357254	0.61	cps
Dysprosium	156-1	50	8	8	22	108.27	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	108	100	133	114	15.23	cps
Erbium	164-2	47	67	87	67	30.00	cps
Gadolinium	160-1	92	108	92	97	9.90	cps
Gadolinium	160-2	243	240	247	243	1.37	cps
Holmium	165-1	14794088	14723364	14779605	14765686	0.25	cps
Holmium	165-2	8477222	8435502	8449739	8454154	0.25	cps
Indium	115-1	11258022	11174145	11299601	11243923	0.57	cps
Indium	115-2	2527288	2533523	2506313	2522374	0.57	cps
Iron	56-2	2553192	2564958	2539138	2552429	0.51	cps
Iron	57-2	65624	63827	64280	64577	1.45	cps
Lead	206-1	1769319	1750045	1773576	1764314	0.71	cps
Lead	207-1	1544637	1531393	1533879	1536636	0.46	cps
Lead	208-1	7058922	7024086	7025592	7036200	0.28	cps
Lithium	6-1	2473329	2459085	2449940	2460784	0.48	cps
Magnesium	24-2	266333	266537	266883	266585	0.10	cps
Manganese	55-2	178811	178994	179254	179020	0.12	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4554024	4509769	4510949	4524914	0.56	cps
Molybdenum	95-1	2609447	2607219	2607332	2608000	0.05	cps
Molybdenum	96-1	3345318	3334844	3323140	3334434	0.33	cps
Molybdenum	97-1	1651497	1643613	1646923	1647344	0.24	cps
Molybdenum	98-1	4264361	4261029	4273675	4266355	0.15	cps
Neodymium	150-1	73	47	7	42	79.47	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	132340	131580	133877	132599	0.88	cps
Phosphorus	31-2	317	192	267	258	24.35	cps
Potassium	39-2	469185	464634	466366	466728	0.49	cps
Rhodium	103-1	10181644	10190372	10184744	10185587	0.04	cps
Rhodium	103-2	5217170	5228378	5200502	5215350	0.27	cps
Scandium	45-1	6317113	6275045	6271992	6288050	0.40	cps
Scandium	45-2	307296	307538	306035	306956	0.26	cps
Selenium	77-2	1767	1910	1977	1885	5.69	cps
Selenium	78-2	6565	6444	6568	6526	1.08	cps
Selenium	82-1	36549	36576	36985	36704	0.66	cps
Silicon	28-1	271522	271884	271445	271617	0.09	cps
Silver	109-1	1222581	1208740	1218827	1216716	0.59	cps
Silver	107-1	1278425	1264317	1271891	1271544	0.56	cps
Sodium	23-2	823745	823965	830971	826227	0.50	cps
Strontium	86-1	1553275	1554517	1558634	1555475	0.18	cps
Strontium	88-1	13679853	13716025	13611524	13669134	0.39	cps
Sulfur	34-1	372246	375504	372316	373355	0.50	cps
Terbium	159-1	15176776	15135384	15190442	15167534	0.19	cps
Terbium	159-2	8341392	8299910	8322852	8321385	0.25	cps
Thallium	203-1	2192657	2190374	2199060	2194031	0.21	cps
Thallium	205-1	5371079	5307981	5305207	5328089	0.70	cps
Tin	118-1	4249298	4225715	4258997	4244670	0.40	cps
Titanium	47-1	639298	629155	634177	634210	0.80	cps
Uranium	238-1	17928736	17960627	17919613	17936325	0.12	cps
Vanadium	51-2	238463	238517	238965	238648	0.12	cps
Yttrium	89-1	11229259	11185637	11212082	11208993	0.20	cps
Yttrium	89-2	1832719	1821849	1825410	1826659	0.30	cps
Zinc	66-2	107902	108123	108875	108300	0.47	cps
Zirconium	90-1	8293892	8269865	8262649	8275469	0.20	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:21:15	DataFile Name :	012ICV_P7073118-MS .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1818589	1811392	1814796	1814926	0.20	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2234	2117	2409	2253	6.52	cps
Antimony	121-1	19714	20749	20608	20357	2.76	cps
Arsenic	75-2	339	356	406	367	9.46	cps
Barium	135-1	24598	24648	25566	24937	2.19	cps
Barium	137-1	44071	45425	44355	44617	1.60	cps
Beryllium	9-1	2011	2106	2050	2056	2.31	cps
Bismuth	209-1	9726186	9781916	9810142	9772748	0.44	cps
Bismuth	209-2	6247169	6192826	6220593	6220196	0.44	cps
Boron	10-1	6585	6718	6610	6638	1.07	cps
Boron	11-1	30481	29730	30874	30362	1.91	cps
Cadmium	111-1	5934	6149	5846	5976	2.61	cps
Cadmium	106-1	4743	5243	4801	4929	5.55	cps
Cadmium	108-1	142	221	242	201	26.20	cps
Calcium	43-1	13298	14049	13006	13451	4.00	cps
Calcium	44-1	224033	225611	227651	225765	0.80	cps
Chromium	52-2	7212	6978	6962	7051	1.98	cps
Cobalt	59-2	4851	5231	5304	5129	4.75	cps
Copper	63-2	8713	8519	8646	8626	1.14	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	100	67	75	81	21.54	cps
Erbium	164-2	50	40	30	40	25.00	cps
Gadolinium	160-1	75	92	92	86	11.18	cps
Gadolinium	160-2	210	293	203	236	21.29	cps
Holmium	165-1	14793802	14918944	14830877	14847874	0.43	cps
Holmium	165-2	8442643	8476198	8497820	8472221	0.33	cps
Indium	115-1	11427821	11536214	11538726	11500920	0.55	cps
Indium	115-2	2553656	2593914	2566984	2571518	0.80	cps
Iron	56-2	136708	137588	137678	137325	0.39	cps
Iron	57-2	3406	3962	3417	3595	8.84	cps
Lead	206-1	9304	9392	9176	9291	1.17	cps
Lead	207-1	8464	8242	8397	8368	1.36	cps
Lead	208-1	37171	37661	37199	37344	0.74	cps
Lithium	6-1	2476103	2497337	2486188	2486543	0.43	cps
Magnesium	24-2	109631	112881	112915	111809	1.69	cps
Manganese	55-2	2017	2027	1987	2010	1.04	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21058	20332	20207	20532	2.24	cps
Molybdenum	95-1	24188	24021	24371	24193	0.72	cps
Molybdenum	96-1	26434	27553	27302	27096	2.17	cps
Molybdenum	97-1	14983	15301	15501	15262	1.71	cps
Molybdenum	98-1	39940	40434	40442	40272	0.71	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1497	1510	1517	1508	0.68	cps
Phosphorus	31-2	292	258	192	247	20.60	cps
Potassium	39-2	139399	141671	140754	140608	0.81	cps
Rhodium	103-1	10416995	10537934	10514876	10489935	0.61	cps
Rhodium	103-2	5318797	5353882	5346980	5339886	0.35	cps
Scandium	45-1	6380604	6396563	6440793	6405987	0.49	cps
Scandium	45-2	308665	311627	307023	309105	0.76	cps
Selenium	77-2	37	47	73	52	36.29	cps
Selenium	78-2	586	233	257	359	54.87	cps
Selenium	82-1	1036	1169	1093	1099	6.05	cps
Silicon	28-1	347411	341899	339414	342908	1.19	cps
Silver	109-1	12932	12915	12348	12731	2.61	cps
Silver	107-1	13340	13482	13006	13276	1.84	cps
Sodium	23-2	216339	219010	217114	217488	0.63	cps
Strontium	86-1	4026	3842	4026	3965	2.67	cps
Strontium	88-1	28120	28638	28020	28259	1.17	cps
Sulfur	34-1	382269	384733	382722	383242	0.34	cps
Terbium	159-1	15189722	15260606	15318924	15256418	0.42	cps
Terbium	159-2	8380305	8347428	8423599	8383778	0.46	cps
Thallium	203-1	10596	10972	11222	10930	2.88	cps
Thallium	205-1	26185	26469	26151	26268	0.66	cps
Tin	118-1	45728	45340	45750	45606	0.51	cps
Titanium	47-1	6418	5935	6318	6224	4.10	cps
Uranium	238-1	35224	34096	34764	34695	1.63	cps
Vanadium	51-2	11798	12415	11985	12066	2.62	cps
Yttrium	89-1	11341144	11400856	11369388	11370462	0.26	cps
Yttrium	89-2	1842321	1866446	1853475	1854081	0.65	cps
Zinc	66-2	1733	1667	1603	1668	3.90	cps
Zirconium	90-1	17979	18813	18796	18529	2.57	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:42:55	DataFile Name :	015LLIC_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4051	4551	4234	4279	5.91	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	242	150	178	31.21	cps
Antimony	121-1	192	233	167	197	17.07	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	100	25	50	58	65.47	cps
Beryllium	9-1	78	28	50	52	48.31	cps
Bismuth	209-1	9662060	9670623	9658565	9663749	0.06	cps
Bismuth	209-2	6199915	6136126	6174872	6170304	0.52	cps
Boron	10-1	717	925	808	817	12.79	cps
Boron	11-1	4117	4001	4192	4103	2.35	cps
Cadmium	111-1	3289	3051	3277	3206	4.19	cps
Cadmium	106-1	4701	4368	4693	4587	4.15	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	200	150	208	186	16.95	cps
Calcium	44-1	8095	7619	8545	8086	5.72	cps
Chromium	52-2	483	560	577	540	9.22	cps
Cobalt	59-2	43	47	43	44	4.34	cps
Copper	63-2	1347	1337	1273	1319	3.02	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	83	58	58	42.86	cps
Erbium	164-2	37	23	17	26	39.85	cps
Gadolinium	160-1	108	75	133	106	27.73	cps
Gadolinium	160-2	210	200	253	221	12.82	cps
Holmium	165-1	14714892	14791775	14662177	14722948	0.44	cps
Holmium	165-2	8510359	8443793	8443863	8466005	0.45	cps
Indium	115-1	11359490	11460205	11399705	11406467	0.44	cps
Indium	115-2	2558313	2545040	2570628	2557993	0.50	cps
Iron	56-2	5062	5029	5134	5075	1.06	cps
Iron	57-2	283	239	356	293	20.12	cps
Lead	206-1	433	317	489	413	21.29	cps
Lead	207-1	294	294	383	324	15.84	cps
Lead	208-1	1606	1378	1811	1598	13.56	cps
Lithium	6-1	2484914	2458734	2455466	2466371	0.65	cps
Magnesium	24-2	225	108	233	189	37.00	cps
Manganese	55-2	43	57	47	49	14.20	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	558	283	422	32.57	cps
Molybdenum	95-1	75	100	117	97	21.57	cps
Molybdenum	96-1	183	100	167	150	29.40	cps
Molybdenum	97-1	58	17	50	42	52.91	cps
Molybdenum	98-1	150	58	33	81	76.26	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	53	47	63	54	15.40	cps
Phosphorus	31-2	233	267	283	261	9.75	cps
Potassium	39-2	28837	28887	29539	29088	1.35	cps
Rhodium	103-1	10341694	10364721	10378094	10361503	0.18	cps
Rhodium	103-2	5307918	5304796	5335376	5316030	0.32	cps
Scandium	45-1	6355320	6373928	6356982	6362076	0.16	cps
Scandium	45-2	308881	305588	306011	306827	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	96	85	86	10.79	cps
Selenium	82-1	164	152	222	179	21.05	cps
Silicon	28-1	264955	261683	257557	261398	1.42	cps
Silver	109-1	100	75	50	75	33.33	cps
Silver	107-1	133	142	125	133	6.25	cps
Sodium	23-2	10679	9645	10045	10123	5.15	cps
Strontium	86-1	592	608	625	608	2.74	cps
Strontium	88-1	108	117	225	150	43.39	cps
Sulfur	34-1	383414	384628	384329	384124	0.16	cps
Terbium	159-1	15155030	15214670	15080228	15149976	0.44	cps
Terbium	159-2	8382171	8287085	8337251	8335502	0.57	cps
Thallium	203-1	33	92	67	64	45.81	cps
Thallium	205-1	75	192	117	128	46.27	cps
Tin	118-1	4326	4359	4409	4365	0.96	cps
Titanium	47-1	50	67	50	56	17.32	cps
Uranium	238-1	33	50	25	36	35.25	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	11231707	11317332	11291063	11280034	0.39	cps
Yttrium	89-2	1842761	1849664	1851961	1848129	0.26	cps
Zinc	66-2	283	270	257	270	4.94	cps
Zirconium	90-1	867	967	1050	961	9.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:46:28	DataFile Name :	016CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	200	200	194	4.95	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8932984	8951774	8956243	8947001	0.14	cps
Antimony	121-1	11438	11430	10971	11280	2.37	cps
Arsenic	75-2	94	130	128	117	16.88	cps
Barium	135-1	3942	3809	3951	3901	2.04	cps
Barium	137-1	6885	6710	6519	6705	2.74	cps
Beryllium	9-1	561	517	489	522	6.98	cps
Bismuth	209-1	9426381	9456114	9273749	9385415	1.04	cps
Bismuth	209-2	5904631	5921605	5917220	5914486	0.15	cps
Boron	10-1	1017	983	892	964	6.72	cps
Boron	11-1	4409	4309	4267	4329	1.68	cps
Cadmium	111-1	4309	4460	4214	4328	2.87	cps
Cadmium	106-1	4268	4676	4551	4498	4.65	cps
Cadmium	108-1	2309	2400	2359	2356	1.95	cps
Calcium	43-1	2610656	2635690	2639908	2628751	0.60	cps
Calcium	44-1	43104853	43523898	43347755	43325502	0.49	cps
Chromium	52-2	57716	59115	58295	58375	1.20	cps
Cobalt	59-2	5721	5815	5808	5781	0.90	cps
Copper	63-2	29273	29677	30495	29815	2.09	cps
Dysprosium	156-1	33	75	83	64	41.93	cps
Dysprosium	156-2	33	17	43	31	43.29	cps
Erbium	164-1	133	100	108	114	15.23	cps
Erbium	164-2	50	50	37	46	16.89	cps
Gadolinium	160-1	100	142	133	125	17.64	cps
Gadolinium	160-2	223	223	257	234	8.21	cps
Holmium	165-1	15135079	15446980	15178532	15253530	1.11	cps
Holmium	165-2	8625725	8675011	8649416	8650051	0.28	cps
Indium	115-1	11172713	11230389	11094348	11165816	0.61	cps
Indium	115-2	2458128	2480493	2491417	2476679	0.69	cps
Iron	56-2	253925495	255585611	253600967	254370691	0.42	cps
Iron	57-2	6213716	6281196	6247304	6247405	0.54	cps
Lead	206-1	40323	41571	40713	40869	1.56	cps
Lead	207-1	31220	31271	31488	31326	0.45	cps
Lead	208-1	149410	151686	150884	150660	0.77	cps
Lithium	6-1	2224685	2192366	2146336	2187796	1.80	cps
Magnesium	24-2	21060006	21193978	21076030	21110004	0.35	cps
Manganese	55-2	14340	14634	13843	14273	2.80	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5471472	5596408	5486309	5518063	1.24	cps
Molybdenum	95-1	9599270	9839153	9647424	9695282	1.31	cps
Molybdenum	96-1	10334339	10467467	10443361	10415056	0.68	cps
Molybdenum	97-1	6074678	6116656	6083836	6091723	0.36	cps
Molybdenum	98-1	15664509	15788076	15707696	15720094	0.40	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	23	33	33	30	19.25	cps
Nickel	60-2	7008	6685	6835	6843	2.37	cps
Phosphorus	31-2	513203	513521	516480	514401	0.35	cps
Potassium	39-2	21413295	21559029	21487670	21486665	0.34	cps
Rhodium	103-1	9751605	9809444	9714647	9758565	0.49	cps
Rhodium	103-2	4992981	5020522	5049750	5021084	0.57	cps
Scandium	45-1	6136001	6182424	6132619	6150348	0.45	cps
Scandium	45-2	299075	299958	300545	299859	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	83	87	88	6.41	cps
Selenium	82-1	129	312	256	232	40.55	cps
Silicon	28-1	345326	347621	341860	344936	0.84	cps
Silver	109-1	808	925	850	861	6.87	cps
Silver	107-1	858	750	1000	870	14.42	cps
Sodium	23-2	39966365	39941455	39876512	39928111	0.12	cps
Strontium	86-1	108836	107458	108323	108206	0.64	cps
Strontium	88-1	935776	946897	937959	940210	0.63	cps
Sulfur	34-1	3933550	3914697	3869519	3905922	0.84	cps
Terbium	159-1	15463084	15709229	15458712	15543675	0.92	cps
Terbium	159-2	8505888	8493741	8545335	8514988	0.32	cps
Thallium	203-1	433	342	333	369	15.02	cps
Thallium	205-1	783	900	992	892	11.71	cps
Tin	118-1	5676	6212	6557	6148	7.21	cps
Titanium	47-1	2468512	2477267	2461211	2468997	0.33	cps
Uranium	238-1	733	708	608	683	9.68	cps
Vanadium	51-2	417	477	463	452	6.97	cps
Yttrium	89-1	11318180	11445429	11308812	11357474	0.67	cps
Yttrium	89-2	1827171	1836380	1845936	1836496	0.51	cps
Zinc	66-2	5925	6028	6321	6091	3.38	cps
Zirconium	90-1	2234	2084	2134	2150	3.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:50:03	DataFile Name :	017ICSA_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	400	525	461	13.56	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9155130	9169259	9145530	9156640	0.13	cps
Antimony	121-1	224907	220826	225625	223786	1.16	cps
Arsenic	75-2	7445	7209	7235	7296	1.77	cps
Barium	135-1	59076	59880	59051	59336	0.79	cps
Barium	137-1	103442	104307	104272	104007	0.47	cps
Beryllium	9-1	35431	35765	34657	35284	1.61	cps
Bismuth	209-1	9605677	9630664	9691737	9642692	0.46	cps
Bismuth	209-2	5933931	5933310	5911868	5926370	0.21	cps
Boron	10-1	13882	14174	13932	13996	1.12	cps
Boron	11-1	65342	64238	63769	64449	1.25	cps
Cadmium	111-1	61285	60562	61295	61047	0.69	cps
Cadmium	106-1	13132	12448	12681	12753	2.73	cps
Cadmium	108-1	7156	7177	7235	7189	0.57	cps
Calcium	43-1	2761780	2710161	2786511	2752817	1.42	cps
Calcium	44-1	44833519	44758743	45439092	45010451	0.83	cps
Chromium	52-2	118834	120262	118444	119180	0.80	cps
Cobalt	59-2	104902	106150	105684	105579	0.60	cps
Copper	63-2	101384	103103	101623	102037	0.91	cps
Dysprosium	156-1	33	33	92	53	63.82	cps
Dysprosium	156-2	33	50	43	42	19.87	cps
Erbium	164-1	83	67	117	89	28.64	cps
Erbium	164-2	70	67	80	72	9.61	cps
Gadolinium	160-1	133	142	83	119	26.41	cps
Gadolinium	160-2	200	260	250	237	13.58	cps
Holmium	165-1	15896752	15993509	16033922	15974728	0.44	cps
Holmium	165-2	8708580	8763863	8768483	8746975	0.38	cps
Indium	115-1	11714706	11691277	11833363	11746449	0.65	cps
Indium	115-2	2513601	2508422	2516770	2512931	0.17	cps
Iron	56-2	259101645	262040489	261467595	260869910	0.60	cps
Iron	57-2	6394924	6424366	6393876	6404389	0.27	cps
Lead	206-1	228372	229098	231672	229714	0.75	cps
Lead	207-1	188836	187262	191753	189284	1.20	cps
Lead	208-1	871815	879231	886722	879256	0.85	cps
Lithium	6-1	2077788	2063590	2077373	2072917	0.39	cps
Magnesium	24-2	21694171	21642208	21582374	21639584	0.26	cps
Manganese	55-2	50797	50731	51119	50882	0.41	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6337636	6316111	6402680	6352142	0.71	cps
Molybdenum	95-1	10460727	10424092	10582712	10489177	0.79	cps
Molybdenum	96-1	11286495	11266209	11281796	11278167	0.09	cps
Molybdenum	97-1	6543533	6579747	6552597	6558626	0.29	cps
Molybdenum	98-1	16868519	16934866	16953615	16919000	0.26	cps
Neodymium	150-1	47	73	107	76	39.78	cps
Neodymium	150-2	27	27	23	26	7.55	cps
Nickel	60-2	33662	33194	32817	33224	1.27	cps
Phosphorus	31-2	531902	532914	524470	529762	0.87	cps
Potassium	39-2	21997227	22105107	22007966	22036767	0.27	cps
Rhodium	103-1	10192665	10170735	10264518	10209306	0.48	cps
Rhodium	103-2	5088103	5150997	5141078	5126726	0.66	cps
Scandium	45-1	6321024	6347053	6395649	6354575	0.60	cps
Scandium	45-2	304408	308547	306003	306319	0.68	cps
Selenium	77-2	213	213	183	203	8.52	cps
Selenium	78-2	683	789	715	729	7.43	cps
Selenium	82-1	3909	3901	3953	3921	0.72	cps
Silicon	28-1	692824	686850	692703	690792	0.49	cps
Silver	109-1	242435	243274	243464	243058	0.23	cps
Silver	107-1	251072	255092	254956	253707	0.90	cps
Sodium	23-2	40750651	40787893	40799145	40779229	0.06	cps
Strontium	86-1	301402	303758	311019	305393	1.64	cps
Strontium	88-1	2655012	2652942	2683428	2663794	0.64	cps
Sulfur	34-1	4036244	3986486	4058072	4026934	0.91	cps
Terbium	159-1	16292151	16207816	16412202	16304056	0.63	cps
Terbium	159-2	8546203	8657814	8605304	8603107	0.65	cps
Thallium	203-1	230411	229088	232425	230641	0.73	cps
Thallium	205-1	548882	558136	554903	553974	0.85	cps
Tin	118-1	519654	520368	523744	521255	0.42	cps
Titanium	47-1	2643534	2618894	2653696	2638708	0.68	cps
Uranium	238-1	2116912	2129974	2140034	2128973	0.54	cps
Vanadium	51-2	49416	49148	49232	49265	0.28	cps
Yttrium	89-1	11789853	11793694	11859766	11814438	0.33	cps
Yttrium	89-2	1875061	1871650	1860361	1869024	0.41	cps
Zinc	66-2	16743	16877	16353	16657	1.63	cps
Zirconium	90-1	1026933	1028130	1026242	1027102	0.09	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:53:37	DataFile Name :	018ICSB_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	228995	230774	230318	230029	0.40	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5236276	5291894	5297761	5275310	0.64	cps
Antimony	121-1	5411316	5431700	5396591	5413202	0.33	cps
Arsenic	75-2	182173	183842	182828	182948	0.46	cps
Barium	135-1	7055965	7037510	7036608	7043361	0.16	cps
Barium	137-1	12302294	12302004	12262284	12288860	0.19	cps
Beryllium	9-1	866704	871299	879413	872472	0.74	cps
Bismuth	209-1	9264343	9181995	9203159	9216499	0.46	cps
Bismuth	209-2	5622985	5607186	5654580	5628251	0.43	cps
Boron	10-1	106171	109503	111501	109058	2.47	cps
Boron	11-1	495586	505417	511544	504182	1.60	cps
Cadmium	111-1	1371028	1366206	1363141	1366792	0.29	cps
Cadmium	106-1	155714	157095	154592	155800	0.80	cps
Cadmium	108-1	101976	103617	102777	102790	0.80	cps
Calcium	43-1	7235209	7242673	7231316	7236399	0.08	cps
Calcium	44-1	118598040	119203465	117864940	118555482	0.57	cps
Chromium	52-2	1550720	1563855	1572767	1562447	0.71	cps
Cobalt	59-2	2503970	2501323	2516229	2507174	0.32	cps
Copper	63-2	3463224	3455578	3467565	3462122	0.18	cps
Dysprosium	156-1	325	325	375	342	8.45	cps
Dysprosium	156-2	220	167	200	196	13.78	cps
Erbium	164-1	158	100	108	122	25.81	cps
Erbium	164-2	73	53	57	61	17.53	cps
Gadolinium	160-1	275	250	317	281	12.00	cps
Gadolinium	160-2	277	297	353	309	12.87	cps
Holmium	165-1	15974565	15961176	15836347	15924030	0.48	cps
Holmium	165-2	8649451	8586654	8613979	8616695	0.37	cps
Indium	115-1	11530859	11557146	11493362	11527122	0.28	cps
Indium	115-2	2449769	2437464	2455449	2447561	0.38	cps
Iron	56-2	334346230	337212196	337182763	336247063	0.49	cps
Iron	57-2	8356212	8299253	8400411	8351959	0.61	cps
Lead	206-1	4567755	4577838	4501376	4548989	0.91	cps
Lead	207-1	4035817	4061011	4039402	4045410	0.34	cps
Lead	208-1	18174491	18238078	18130261	18180943	0.30	cps
Lithium	6-1	2002827	2024580	2033981	2020463	0.79	cps
Magnesium	24-2	57590437	58167278	58475708	58077808	0.77	cps
Manganese	55-2	1834005	1838343	1853412	1841920	0.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11007392	11019305	10969645	10998781	0.24	cps
Molybdenum	95-1	13437587	13526028	13350790	13438135	0.65	cps
Molybdenum	96-1	14900056	15063042	14858619	14940572	0.72	cps
Molybdenum	97-1	8403665	8439022	8372405	8405031	0.40	cps
Molybdenum	98-1	21831386	21791744	21724705	21782612	0.25	cps
Neodymium	150-1	787	853	907	849	7.08	cps
Neodymium	150-2	170	190	173	178	6.03	cps
Nickel	60-2	655104	662929	664245	660759	0.75	cps
Phosphorus	31-2	54835	55278	55170	55094	0.42	cps
Potassium	39-2	28482336	28891834	28972471	28782214	0.91	cps
Rhodium	103-1	10054749	9997491	9989963	10014068	0.35	cps
Rhodium	103-2	4993397	4973506	4975910	4980937	0.22	cps
Scandium	45-1	6477359	6465425	6428369	6457051	0.40	cps
Scandium	45-2	306337	306152	307541	306677	0.25	cps
Selenium	77-2	4641	4724	4698	4688	0.91	cps
Selenium	78-2	15534	15429	15523	15495	0.37	cps
Selenium	82-1	89665	89347	89304	89439	0.22	cps
Silicon	28-1	3375138	3466941	3518163	3453414	2.10	cps
Silver	109-1	6228164	6231971	6202355	6220830	0.26	cps
Silver	107-1	6508899	6500277	6510050	6506409	0.08	cps
Sodium	23-2	106404577	107262336	107453202	107040039	0.52	cps
Strontium	86-1	1721875	1701964	1712755	1712198	0.58	cps
Strontium	88-1	15133145	15135700	15234892	15167912	0.38	cps
Sulfur	34-1	787662	792513	788220	789465	0.34	cps
Terbium	159-1	16370128	16164586	16230504	16255072	0.65	cps
Terbium	159-2	8532163	8483357	8537208	8517576	0.35	cps
Thallium	203-1	5626761	5638463	5557605	5607610	0.78	cps
Thallium	205-1	13392056	13468403	13413538	13424666	0.29	cps
Tin	118-1	4566090	4605947	4616387	4596141	0.58	cps
Titanium	47-1	3408750	3364760	3359961	3377824	0.80	cps
Uranium	238-1	18564806	18682161	18409727	18552232	0.74	cps
Vanadium	51-2	1268559	1276037	1275872	1273489	0.34	cps
Yttrium	89-1	11897901	11849547	11851153	11866201	0.23	cps
Yttrium	89-2	1853589	1866691	1865652	1861978	0.39	cps
Zinc	66-2	521184	521430	525007	522540	0.41	cps
Zirconium	90-1	9233744	9192700	9264103	9230182	0.39	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 13:57:12	DataFile Name :	019CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2000222	1996685	1992003	1996303	0.21	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	175	125	136	25.49	cps
Antimony	121-1	825	1025	858	903	11.87	cps
Arsenic	75-2	19	13	13	15	21.67	cps
Barium	135-1	83	117	100	100	16.66	cps
Barium	137-1	225	250	183	219	15.35	cps
Beryllium	9-1	78	133	72	94	35.78	cps
Bismuth	209-1	10291930	10230514	10266639	10263028	0.30	cps
Bismuth	209-2	6114777	6247712	6238281	6200256	1.20	cps
Boron	10-1	1125	1150	1167	1147	1.83	cps
Boron	11-1	5143	5318	4734	5065	5.91	cps
Cadmium	111-1	3327	3221	3608	3386	5.91	cps
Cadmium	106-1	4734	4593	5126	4818	5.74	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	317	300	317	311	3.09	cps
Calcium	44-1	9779	9913	9979	9890	1.03	cps
Chromium	52-2	563	550	557	557	1.20	cps
Cobalt	59-2	93	103	80	92	12.70	cps
Copper	63-2	2134	2220	2297	2217	3.69	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	110	39	158.59	cps
Erbium	164-1	25	25	67	39	61.86	cps
Erbium	164-2	451	27	10	163	153.75	cps
Gadolinium	160-1	67	142	125	111	35.44	cps
Gadolinium	160-2	293	247	217	252	15.32	cps
Holmium	165-1	16167131	16056593	16190174	16137966	0.44	cps
Holmium	165-2	8574772	8798887	8736168	8703276	1.33	cps
Indium	115-1	12331752	12315501	12434553	12360602	0.52	cps
Indium	115-2	2592897	2635505	2621701	2616701	0.83	cps
Iron	56-2	11888	12406	12906	12400	4.10	cps
Iron	57-2	433	483	500	472	7.35	cps
Lead	206-1	511	572	556	546	5.78	cps
Lead	207-1	550	561	361	491	22.90	cps
Lead	208-1	2106	2111	2117	2111	0.26	cps
Lithium	6-1	2308683	2306004	2336393	2317027	0.73	cps
Magnesium	24-2	1192	1400	1417	1336	9.38	cps
Manganese	55-2	73	63	67	68	7.51	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	775	600	692	12.69	cps
Molybdenum	95-1	517	450	483	483	6.90	cps
Molybdenum	96-1	692	433	608	578	22.82	cps
Molybdenum	97-1	350	275	233	286	20.66	cps
Molybdenum	98-1	750	708	775	744	4.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	110	87	67	88	24.71	cps
Phosphorus	31-2	325	225	217	256	23.59	cps
Potassium	39-2	33013	31643	32912	32523	2.35	cps
Rhodium	103-1	11116499	11127728	11216365	11153531	0.49	cps
Rhodium	103-2	5526301	5581134	5521352	5542929	0.60	cps
Scandium	45-1	6723193	6679709	6696099	6699667	0.33	cps
Scandium	45-2	313375	322743	318095	318071	1.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	122	83	89	98	21.43	cps
Selenium	82-1	422	470	353	415	14.19	cps
Silicon	28-1	260726	259148	258172	259349	0.50	cps
Silver	109-1	308	225	275	269	15.57	cps
Silver	107-1	333	300	358	331	8.85	cps
Sodium	23-2	15767	17244	16760	16590	4.54	cps
Strontium	86-1	775	867	642	761	14.87	cps
Strontium	88-1	308	358	342	336	7.57	cps
Sulfur	34-1	372434	376992	373598	374341	0.63	cps
Terbium	159-1	16578136	16516940	16565169	16553415	0.19	cps
Terbium	159-2	8533307	8581041	8592829	8569059	0.37	cps
Thallium	203-1	258	250	225	244	7.10	cps
Thallium	205-1	575	508	600	561	8.45	cps
Tin	118-1	4784	4868	4434	4696	4.90	cps
Titanium	47-1	125	175	117	139	22.72	cps
Uranium	238-1	175	258	317	250	28.48	cps
Vanadium	51-2	40	27	37	34	20.14	cps
Yttrium	89-1	12184813	12186535	12225041	12198796	0.19	cps
Yttrium	89-2	1912207	1918197	1915524	1915309	0.16	cps
Zinc	66-2	307	323	193	274	25.77	cps
Zirconium	90-1	1167	1200	1408	1258	10.41	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:10:36	DataFile Name :	020CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	358	325	311	17.84	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2217	2259	2375	2284	3.59	cps
Antimony	121-1	22819	22202	21367	22129	3.29	cps
Arsenic	75-2	413	417	372	401	6.16	cps
Barium	135-1	26919	27486	27503	27303	1.22	cps
Barium	137-1	47147	47516	48285	47649	1.22	cps
Beryllium	9-1	1867	2284	2089	2080	10.03	cps
Bismuth	209-1	10391392	10229104	10287091	10302529	0.80	cps
Bismuth	209-2	6287360	6280396	6296408	6288055	0.13	cps
Boron	10-1	6485	6585	6543	6538	0.77	cps
Boron	11-1	30348	31100	30123	30523	1.68	cps
Cadmium	111-1	6123	6243	6019	6129	1.83	cps
Cadmium	106-1	5193	5318	4893	5135	4.26	cps
Cadmium	108-1	238	221	258	239	7.86	cps
Calcium	43-1	14274	14424	14691	14463	1.46	cps
Calcium	44-1	239432	239613	241431	240159	0.46	cps
Chromium	52-2	7392	7292	7312	7332	0.72	cps
Cobalt	59-2	5204	5574	5478	5419	3.54	cps
Copper	63-2	10090	10020	9790	9967	1.58	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	73	30	33	46	52.94	cps
Gadolinium	160-1	117	58	108	94	33.40	cps
Gadolinium	160-2	283	273	227	261	11.58	cps
Holmium	165-1	16144442	16093603	16231403	16156483	0.43	cps
Holmium	165-2	8851817	8847604	8877649	8859023	0.18	cps
Indium	115-1	12408631	12442499	12485506	12445545	0.31	cps
Indium	115-2	2661817	2663761	2657349	2660976	0.12	cps
Iron	56-2	147764	144660	147483	146635	1.17	cps
Iron	57-2	3812	3884	3756	3817	1.68	cps
Lead	206-1	10516	10104	9871	10163	3.21	cps
Lead	207-1	8725	9426	9064	9072	3.86	cps
Lead	208-1	40570	40297	39986	40284	0.73	cps
Lithium	6-1	2327757	2370569	2334070	2344132	0.99	cps
Magnesium	24-2	115903	116156	116642	116234	0.32	cps
Manganese	55-2	2394	2234	2244	2290	3.91	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22418	22043	22168	22210	0.86	cps
Molybdenum	95-1	26459	25774	26425	26219	1.47	cps
Molybdenum	96-1	29064	30316	29206	29529	2.32	cps
Molybdenum	97-1	15626	16043	16485	16051	2.68	cps
Molybdenum	98-1	42640	42280	42531	42484	0.43	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	1620	1523	1597	1580	3.19	cps
Phosphorus	31-2	258	275	267	267	3.13	cps
Potassium	39-2	146188	148704	148556	147816	0.95	cps
Rhodium	103-1	11213307	11237790	11290991	11247363	0.35	cps
Rhodium	103-2	5639905	5616022	5635780	5630569	0.23	cps
Scandium	45-1	6718603	6708788	6707536	6711642	0.09	cps
Scandium	45-2	324655	323268	323886	323936	0.21	cps
Selenium	77-2	73	50	53	59	21.43	cps
Selenium	78-2	283	250	278	270	6.61	cps
Selenium	82-1	1359	1391	1398	1382	1.52	cps
Silicon	28-1	364793	343076	342541	350137	3.63	cps
Silver	109-1	13065	13615	13724	13468	2.62	cps
Silver	107-1	14191	14091	14533	14272	1.62	cps
Sodium	23-2	231086	230851	232482	231473	0.38	cps
Strontium	86-1	4176	4326	4301	4268	1.88	cps
Strontium	88-1	30057	30809	30475	30447	1.24	cps
Sulfur	34-1	380548	378918	377534	379000	0.40	cps
Terbium	159-1	16753164	16644616	16591101	16662960	0.50	cps
Terbium	159-2	8772842	8717712	8715643	8735399	0.37	cps
Thallium	203-1	11789	11772	12039	11867	1.26	cps
Thallium	205-1	27237	27830	28064	27710	1.54	cps
Tin	118-1	49630	49823	49881	49778	0.26	cps
Titanium	47-1	7060	6610	6977	6882	3.48	cps
Uranium	238-1	36202	34806	36244	35751	2.29	cps
Vanadium	51-2	13009	12602	13096	12902	2.04	cps
Yttrium	89-1	12221430	12200527	12152915	12191624	0.29	cps
Yttrium	89-2	1953912	1937554	1943554	1945007	0.43	cps
Zinc	66-2	1800	1837	1900	1846	2.74	cps
Zirconium	90-1	19664	19389	19447	19500	0.74	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:14:08	DataFile Name :	021LLCC_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4409	4409	4409	4409	0.00	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	158	117	117	35.72	cps
Antimony	121-1	308	325	350	328	6.40	cps
Arsenic	75-2	4	9	0	4	107.89	cps
Barium	135-1	92	83	67	81	15.80	cps
Barium	137-1	167	100	158	142	25.64	cps
Beryllium	9-1	50	39	56	48	17.63	cps
Bismuth	209-1	10414808	10398982	10359805	10391198	0.27	cps
Bismuth	209-2	6321948	6291837	6285672	6299819	0.31	cps
Boron	10-1	767	750	892	803	9.65	cps
Boron	11-1	4217	3984	3701	3967	6.52	cps
Cadmium	111-1	3660	3477	3630	3589	2.73	cps
Cadmium	106-1	5226	4968	5176	5123	2.68	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	275	258	267	267	3.12	cps
Calcium	44-1	10246	10188	9487	9974	4.23	cps
Chromium	52-2	570	587	570	576	1.67	cps
Cobalt	59-2	63	47	77	62	24.16	cps
Copper	63-2	2014	1860	2177	2017	7.85	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	58	75	58	28.57	cps
Erbium	164-2	17	37	43	32	43.06	cps
Gadolinium	160-1	133	100	117	117	14.28	cps
Gadolinium	160-2	250	173	227	217	18.14	cps
Holmium	165-1	16375486	16461882	16330681	16389349	0.41	cps
Holmium	165-2	8910568	8855083	8837302	8867651	0.43	cps
Indium	115-1	12652932	12644551	12559024	12618836	0.41	cps
Indium	115-2	2713042	2678009	2696476	2695842	0.65	cps
Iron	56-2	6768	6496	6418	6561	2.80	cps
Iron	57-2	328	283	356	322	11.31	cps
Lead	206-1	678	539	667	628	12.29	cps
Lead	207-1	494	439	594	509	15.48	cps
Lead	208-1	2395	2372	2578	2448	4.61	cps
Lithium	6-1	2386599	2329042	2373025	2362889	1.27	cps
Magnesium	24-2	317	317	292	308	4.68	cps
Manganese	55-2	143	150	93	129	24.03	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	500	542	514	4.68	cps
Molybdenum	95-1	175	108	183	156	26.43	cps
Molybdenum	96-1	200	250	250	233	12.37	cps
Molybdenum	97-1	108	142	83	111	26.34	cps
Molybdenum	98-1	275	175	158	203	31.12	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	83	77	57	72	19.22	cps
Phosphorus	31-2	283	350	292	308	11.78	cps
Potassium	39-2	32420	32528	32971	32640	0.90	cps
Rhodium	103-1	11479095	11504748	11414188	11466010	0.41	cps
Rhodium	103-2	5712712	5627043	5700259	5680005	0.81	cps
Scandium	45-1	6849597	6870950	6813439	6844662	0.42	cps
Scandium	45-2	329747	328025	328505	328759	0.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	111	96	107	9.12	cps
Selenium	82-1	423	355	342	373	11.75	cps
Silicon	28-1	256585	255614	253326	255175	0.66	cps
Silver	109-1	75	125	125	108	26.65	cps
Silver	107-1	217	142	150	169	24.26	cps
Sodium	23-2	14232	13907	13156	13765	4.01	cps
Strontium	86-1	583	758	642	661	13.48	cps
Strontium	88-1	308	283	308	300	4.81	cps
Sulfur	34-1	381867	383158	383756	382927	0.25	cps
Terbium	159-1	16795437	17002606	16828826	16875623	0.66	cps
Terbium	159-2	8834954	8699242	8745940	8760046	0.79	cps
Thallium	203-1	100	150	150	133	21.65	cps
Thallium	205-1	367	300	342	336	10.02	cps
Tin	118-1	3734	5596	4026	4452	22.49	cps
Titanium	47-1	142	108	125	125	13.33	cps
Uranium	238-1	58	75	75	69	13.85	cps
Vanadium	51-2	23	13	10	16	44.60	cps
Yttrium	89-1	12530529	12441049	12443333	12471637	0.41	cps
Yttrium	89-2	1977933	1961277	1957199	1965469	0.56	cps
Zinc	66-2	443	440	547	477	12.72	cps
Zirconium	90-1	1092	1275	1233	1200	8.01	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:17:41	DataFile Name :	022CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	267	225	256	10.48	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4134	4184	4309	4209	2.14	cps
Antimony	121-1	42156	41680	41896	41911	0.57	cps
Arsenic	75-2	796	750	741	762	3.90	cps
Barium	135-1	53153	51605	51964	52240	1.55	cps
Barium	137-1	90293	91535	91485	91104	0.77	cps
Beryllium	9-1	3912	4190	3578	3893	7.86	cps
Bismuth	209-1	10298861	10150513	10190154	10213176	0.75	cps
Bismuth	209-2	6261440	6278176	6223534	6254384	0.45	cps
Boron	10-1	12114	11480	12164	11919	3.20	cps
Boron	11-1	54767	55411	56231	55470	1.32	cps
Cadmium	111-1	9296	8912	9035	9081	2.16	cps
Cadmium	106-1	5993	5260	5401	5551	7.01	cps
Cadmium	108-1	554	429	467	483	13.27	cps
Calcium	43-1	27827	27359	27777	27654	0.93	cps
Calcium	44-1	464955	461683	458858	461832	0.66	cps
Chromium	52-2	13650	13800	14484	13978	3.18	cps
Cobalt	59-2	10741	9980	11018	10580	5.08	cps
Copper	63-2	16596	16830	16950	16792	1.07	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	83	92	175	117	43.45	cps
Erbium	164-2	50	47	50	49	3.93	cps
Gadolinium	160-1	83	158	75	106	43.48	cps
Gadolinium	160-2	210	253	200	221	12.82	cps
Holmium	165-1	16219008	16240467	16310564	16256680	0.29	cps
Holmium	165-2	8847418	8807999	8793155	8816190	0.32	cps
Indium	115-1	12469822	12424890	12501801	12465504	0.31	cps
Indium	115-2	2673565	2678760	2648499	2666941	0.61	cps
Iron	56-2	1280134	1283205	1274717	1279352	0.34	cps
Iron	57-2	31573	32748	32197	32173	1.83	cps
Lead	206-1	18141	18869	18953	18654	2.40	cps
Lead	207-1	16778	16572	16600	16650	0.67	cps
Lead	208-1	74239	75012	74198	74483	0.62	cps
Lithium	6-1	2345928	2337770	2385221	2356306	1.08	cps
Magnesium	24-2	225310	230891	230277	228826	1.34	cps
Manganese	55-2	4064	4101	4117	4094	0.67	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	42857	43442	40717	42339	3.39	cps
Molybdenum	95-1	50524	50022	51678	50741	1.67	cps
Molybdenum	96-1	56839	56020	56939	56599	0.89	cps
Molybdenum	97-1	32271	32605	32922	32599	1.00	cps
Molybdenum	98-1	80720	81114	81048	80961	0.26	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3007	3100	3077	3061	1.59	cps
Phosphorus	31-2	325	225	275	275	18.18	cps
Potassium	39-2	261814	262209	258787	260937	0.72	cps
Rhodium	103-1	11303646	11307751	11393337	11334911	0.45	cps
Rhodium	103-2	5631003	5647282	5587270	5621851	0.55	cps
Scandium	45-1	6796281	6842154	6830394	6822943	0.35	cps
Scandium	45-2	328750	326605	323425	326260	0.82	cps
Selenium	77-2	107	123	97	109	12.37	cps
Selenium	78-2	439	406	476	440	8.00	cps
Selenium	82-1	2263	2273	2347	2295	1.99	cps
Silicon	28-1	433335	432540	432112	432663	0.14	cps
Silver	109-1	25399	26041	26342	25927	1.86	cps
Silver	107-1	27160	27594	28137	27631	1.77	cps
Sodium	23-2	436510	439892	435085	437162	0.56	cps
Strontium	86-1	7752	7227	7594	7525	3.58	cps
Strontium	88-1	58470	58169	58871	58504	0.60	cps
Sulfur	34-1	393732	395890	395438	395020	0.29	cps
Terbium	159-1	16588497	16574794	16758632	16640641	0.62	cps
Terbium	159-2	8715093	8679679	8636791	8677188	0.45	cps
Thallium	203-1	21844	22286	23037	22389	2.70	cps
Thallium	205-1	51785	52321	52714	52273	0.89	cps
Tin	118-1	90960	93223	91674	91952	1.26	cps
Titanium	47-1	13081	12806	12806	12898	1.23	cps
Uranium	238-1	68014	68140	67294	67816	0.67	cps
Vanadium	51-2	24751	24961	25145	24952	0.79	cps
Yttrium	89-1	12381738	12317994	12393699	12364477	0.33	cps
Yttrium	89-2	1941160	1960971	1941934	1948021	0.58	cps
Zinc	66-2	3160	3054	2894	3036	4.42	cps
Zirconium	90-1	36815	37065	38553	37478	2.51	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	PB111638BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:28:56	DataFile Name :	024LCSE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8078	8811	8261	8383	4.55	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2917	2742	3109	2923	6.28	cps
Antimony	121-1	2625	2925	2850	2800	5.58	cps
Arsenic	75-2	50	78	43	57	32.67	cps
Barium	135-1	248999	251299	246634	248977	0.94	cps
Barium	137-1	432148	433505	426242	430632	0.90	cps
Beryllium	9-1	61	89	72	74	18.88	cps
Bismuth	209-1	10323825	10287744	10267029	10292866	0.28	cps
Bismuth	209-2	6026000	6036182	6172874	6078352	1.35	cps
Boron	10-1	52735	54884	54783	54134	2.24	cps
Boron	11-1	252475	258027	257121	255874	1.16	cps
Cadmium	111-1	3759	3705	3755	3740	0.82	cps
Cadmium	106-1	5351	5301	5343	5332	0.50	cps
Cadmium	108-1	17	21	38	25	44.09	cps
Calcium	43-1	13804770	13825771	13702124	13777555	0.48	cps
Calcium	44-1	223198405	223848155	221439555	222828705	0.56	cps
Chromium	52-2	1320	1243	1257	1273	3.22	cps
Cobalt	59-2	870	827	810	836	3.71	cps
Copper	63-2	4281	4177	4617	4358	5.28	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	92	92	100	94	5.10	cps
Erbium	164-2	30	43	23	32	31.61	cps
Gadolinium	160-1	100	125	92	106	16.44	cps
Gadolinium	160-2	213	260	217	230	11.32	cps
Holmium	165-1	17448131	17506295	17428761	17461062	0.23	cps
Holmium	165-2	9180653	9183852	9323105	9229203	0.88	cps
Indium	115-1	13068426	13062218	13034814	13055153	0.14	cps
Indium	115-2	2645669	2653201	2711156	2670009	1.34	cps
Iron	56-2	12486118	12457963	12583250	12509110	0.53	cps
Iron	57-2	356221	354988	359257	356822	0.62	cps
Lead	206-1	1239	1161	1128	1176	4.85	cps
Lead	207-1	1028	1028	1083	1046	3.07	cps
Lead	208-1	4984	4978	4728	4897	2.98	cps
Lithium	6-1	2524006	2540195	2549710	2537970	0.51	cps
Magnesium	24-2	17904175	17978868	18177360	18020134	0.78	cps
Manganese	55-2	547518	549603	556600	551240	0.86	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1608	1367	1208	1395	14.45	cps
Molybdenum	95-1	333	375	458	389	16.37	cps
Molybdenum	96-1	750	808	658	739	10.23	cps
Molybdenum	97-1	208	242	217	222	7.81	cps
Molybdenum	98-1	283	258	342	294	14.52	cps
Neodymium	150-1	33	87	53	58	46.64	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	293	280	267	280	4.76	cps
Phosphorus	31-2	28678	29338	29380	29132	1.35	cps
Potassium	39-2	3043018	3059092	3081684	3061265	0.63	cps
Rhodium	103-1	11091126	11198791	11095641	11128519	0.55	cps
Rhodium	103-2	5320072	5277955	5430956	5342994	1.48	cps
Scandium	45-1	7059988	7044369	7022284	7042214	0.27	cps
Scandium	45-2	317602	316997	325638	320079	1.51	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	76	89	91	85	9.47	cps
Selenium	82-1	2654	2727	2843	2741	3.48	cps
Silicon	28-1	42080867	42228138	41741012	42016672	0.59	cps
Silver	109-1	2792	2750	2459	2667	6.81	cps
Silver	107-1	2550	2884	2992	2809	8.20	cps
Sodium	23-2	20582672	20519432	20818399	20640168	0.76	cps
Strontium	86-1	85800581	86034629	85748685	85861298	0.18	cps
Strontium	88-1	764679734	761751784	760175317	762202278	0.30	cps
Sulfur	34-1	8867854	8807958	8771314	8815709	0.55	cps
Terbium	159-1	17818660	17805064	17716704	17780143	0.31	cps
Terbium	159-2	9028001	8962238	9118768	9036336	0.87	cps
Thallium	203-1	742	817	800	786	5.01	cps
Thallium	205-1	1817	2025	1884	1909	5.58	cps
Tin	118-1	2309	2034	2184	2175	6.33	cps
Titanium	47-1	5176	5168	5318	5221	1.62	cps
Uranium	238-1	125	175	100	133	28.64	cps
Vanadium	51-2	967	1090	1037	1031	6.00	cps
Yttrium	89-1	12918049	13023663	12893987	12945233	0.53	cps
Yttrium	89-2	1930978	1907900	1967322	1935400	1.55	cps
Zinc	66-2	13149	12949	12766	12955	1.48	cps
Zirconium	90-1	3734	3567	3467	3590	3.75	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01	Instrumnet Name :	P7
Client Sample ID :	MBE719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:32:29	DataFile Name :	025SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	1000	658	845	20.47	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509	2484	2550	2514	1.34	cps
Antimony	121-1	2550	2617	2934	2700	7.59	cps
Arsenic	75-2	57	43	50	50	14.82	cps
Barium	135-1	238572	244380	235886	239613	1.81	cps
Barium	137-1	414361	421604	412284	416083	1.18	cps
Beryllium	9-1	39	61	56	52	22.30	cps
Bismuth	209-1	9971479	10293274	10055294	10106683	1.65	cps
Bismuth	209-2	5797395	5925935	6018428	5913919	1.88	cps
Boron	10-1	53847	54901	55395	54714	1.44	cps
Boron	11-1	247056	257289	254616	252987	2.10	cps
Cadmium	111-1	3547	3954	3619	3707	5.86	cps
Cadmium	106-1	5093	5651	5134	5293	5.88	cps
Cadmium	108-1	38	21	13	24	53.92	cps
Calcium	43-1	13089200	13509651	13058307	13219053	1.91	cps
Calcium	44-1	212751021	218165055	211759046	214225041	1.61	cps
Chromium	52-2	1113	1350	1157	1207	10.44	cps
Cobalt	59-2	653	770	793	739	10.15	cps
Copper	63-2	5544	5661	5968	5725	3.82	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	75	92	50	72	29.04	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	117	100	83	100	16.66	cps
Gadolinium	160-2	240	257	203	233	11.69	cps
Holmium	165-1	16699483	17349808	16951214	17000168	1.93	cps
Holmium	165-2	8730110	8948173	9096102	8924795	2.06	cps
Indium	115-1	12548623	12962404	12585770	12698932	1.80	cps
Indium	115-2	2499996	2547567	2626690	2558084	2.50	cps
Iron	56-2	11810164	12021450	12103230	11978281	1.26	cps
Iron	57-2	333608	343204	343477	340097	1.65	cps
Lead	206-1	845	867	722	811	9.59	cps
Lead	207-1	667	806	794	756	10.21	cps
Lead	208-1	3511	3461	3189	3387	5.12	cps
Lithium	6-1	2505178	2573634	2513234	2530682	1.48	cps
Magnesium	24-2	17009579	17295570	17442775	17249308	1.28	cps
Manganese	55-2	520231	528975	534270	527826	1.34	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	1275	1033	1206	12.45	cps
Molybdenum	95-1	317	292	325	311	5.58	cps
Molybdenum	96-1	575	567	650	597	7.69	cps
Molybdenum	97-1	217	308	317	281	19.78	cps
Molybdenum	98-1	200	183	117	167	26.46	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	250	290	307	282	10.32	cps
Phosphorus	31-2	27058	27075	27292	27142	0.48	cps
Potassium	39-2	2863469	2921921	2948685	2911358	1.50	cps
Rhodium	103-1	10735459	11066638	10702164	10834754	1.86	cps
Rhodium	103-2	5104971	5154670	5264324	5174655	1.58	cps
Scandium	45-1	6690671	6857667	6741179	6763172	1.27	cps
Scandium	45-2	298290	301748	306526	302188	1.37	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	89	76	93	86	10.20	cps
Selenium	82-1	2607	2670	2634	2637	1.20	cps
Silicon	28-1	39920623	40738536	39896975	40185378	1.19	cps
Silver	109-1	2417	2459	2700	2525	6.06	cps
Silver	107-1	2717	2817	2725	2753	2.02	cps
Sodium	23-2	19351018	19704583	20044107	19699903	1.76	cps
Strontium	86-1	82335248	84168873	82278444	82927521	1.30	cps
Strontium	88-1	735371916	751502233	734068550	740314233	1.31	cps
Sulfur	34-1	8468553	8637293	8414888	8506911	1.36	cps
Terbium	159-1	17178064	17792711	17281963	17417579	1.89	cps
Terbium	159-2	8659979	8810639	9002364	8824327	1.94	cps
Thallium	203-1	475	475	483	478	1.01	cps
Thallium	205-1	1083	1158	1242	1161	6.82	cps
Tin	118-1	2125	2092	1817	2011	8.41	cps
Titanium	47-1	5501	5318	5485	5435	1.87	cps
Uranium	238-1	100	100	125	108	13.33	cps
Vanadium	51-2	1203	1203	1263	1223	2.83	cps
Yttrium	89-1	12509146	12845708	12420441	12591765	1.78	cps
Yttrium	89-2	1805417	1836827	1893317	1845187	2.41	cps
Zinc	66-2	12449	12389	12539	12459	0.61	cps
Zirconium	90-1	3317	3042	3117	3159	4.50	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-02	Instrumnet Name :	P7
Client Sample ID :	MBE719D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:36:09	DataFile Name :	026SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	775	700	728	5.65	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	550	483	569	17.09	cps
Antimony	121-1	450	342	283	358	23.60	cps
Arsenic	75-2	15	15	20	17	19.26	cps
Barium	135-1	44388	44146	44389	44308	0.32	cps
Barium	137-1	77465	75456	76620	76514	1.32	cps
Beryllium	9-1	44	56	56	52	12.37	cps
Bismuth	209-1	10007892	9949718	9911169	9956260	0.49	cps
Bismuth	209-2	6143276	6164703	6085964	6131314	0.66	cps
Boron	10-1	12539	12089	13131	12586	4.15	cps
Boron	11-1	58297	58322	57343	57987	0.96	cps
Cadmium	111-1	3665	3639	3375	3560	4.50	cps
Cadmium	106-1	5235	5210	4709	5051	5.87	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	2353659	2358673	2371027	2361120	0.38	cps
Calcium	44-1	39289963	39055160	39261338	39202154	0.33	cps
Chromium	52-2	717	730	560	669	14.13	cps
Cobalt	59-2	183	177	167	176	4.78	cps
Copper	63-2	3464	3657	3757	3626	4.11	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	40	17	17	24	55.10	cps
Gadolinium	160-1	142	117	158	139	15.10	cps
Gadolinium	160-2	243	207	173	208	16.85	cps
Holmium	165-1	15910756	15967883	15918380	15932339	0.19	cps
Holmium	165-2	8874349	8812910	8761238	8816165	0.64	cps
Indium	115-1	12132640	11767343	11948105	11949363	1.53	cps
Indium	115-2	2577437	2592938	2566151	2578842	0.52	cps
Iron	56-2	2281566	2266678	2284642	2277629	0.42	cps
Iron	57-2	66724	67349	67209	67094	0.49	cps
Lead	206-1	511	461	522	498	6.54	cps
Lead	207-1	483	539	328	450	24.32	cps
Lead	208-1	2083	2278	2017	2126	6.38	cps
Lithium	6-1	2391659	2347536	2336993	2358729	1.23	cps
Magnesium	24-2	3402380	3381683	3339559	3374540	0.95	cps
Manganese	55-2	103400	103477	103340	103406	0.07	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	417	658	556	22.47	cps
Molybdenum	95-1	75	100	100	92	15.75	cps
Molybdenum	96-1	158	300	250	236	30.43	cps
Molybdenum	97-1	58	92	125	92	36.36	cps
Molybdenum	98-1	133	100	58	97	38.65	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	117	117	120	118	1.63	cps
Phosphorus	31-2	5593	5426	5743	5587	2.84	cps
Potassium	39-2	570487	574331	576078	573632	0.50	cps
Rhodium	103-1	10650583	10579097	10617638	10615772	0.34	cps
Rhodium	103-2	5371435	5364045	5308507	5347996	0.64	cps
Scandium	45-1	6461814	6418734	6412604	6431050	0.42	cps
Scandium	45-2	302929	303906	304116	303650	0.21	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	72	72	89	78	12.37	cps
Selenium	82-1	780	823	718	774	6.81	cps
Silicon	28-1	7595152	7624327	7571281	7596920	0.35	cps
Silver	109-1	925	842	842	870	5.53	cps
Silver	107-1	950	817	933	900	8.07	cps
Sodium	23-2	3814118	3826615	3791522	3810751	0.47	cps
Strontium	86-1	15210411	15197310	15139074	15182265	0.25	cps
Strontium	88-1	133829195	133259882	132575495	133221524	0.47	cps
Sulfur	34-1	2139430	2161700	2154645	2151925	0.53	cps
Terbium	159-1	16388515	16213873	16282949	16295112	0.54	cps
Terbium	159-2	8792881	8758763	8619487	8723711	1.05	cps
Thallium	203-1	100	158	200	153	32.88	cps
Thallium	205-1	242	267	267	258	5.59	cps
Tin	118-1	3109	3276	3292	3226	3.14	cps
Titanium	47-1	933	1217	1025	1058	13.66	cps
Uranium	238-1	25	75	25	42	69.28	cps
Vanadium	51-2	410	327	360	366	11.47	cps
Yttrium	89-1	11876951	11830191	11770847	11825996	0.45	cps
Yttrium	89-2	1854213	1862896	1844527	1853879	0.50	cps
Zinc	66-2	2864	2937	2910	2904	1.28	cps
Zirconium	90-1	1558	1475	1392	1475	5.65	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBE719L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-31 14:39:49	DataFile Name :	027SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	292	350	308	11.78	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201034	201887	202164	201695	0.29	cps
Antimony	121-1	1164788	1156504	1153346	1158212	0.51	cps
Arsenic	75-2	16244	16076	16732	16351	2.08	cps
Barium	135-1	6373799	6342444	6313569	6343271	0.47	cps
Barium	137-1	11148020	11059991	10938944	11048985	0.95	cps
Beryllium	9-1	97317	94571	93368	95085	2.13	cps
Bismuth	209-1	10168709	10255578	10147268	10190518	0.56	cps
Bismuth	209-2	6010894	6028363	6003054	6014104	0.22	cps
Boron	10-1	55310	58791	57603	57235	3.09	cps
Boron	11-1	258304	266062	267436	263934	1.87	cps
Cadmium	111-1	154005	152647	152608	153087	0.52	cps
Cadmium	106-1	18496	18471	18438	18468	0.16	cps
Cadmium	108-1	9962	9791	9837	9863	0.90	cps
Calcium	43-1	13365213	13218873	13166477	13250188	0.78	cps
Calcium	44-1	215553851	214236526	213518413	214436263	0.48	cps
Chromium	52-2	617734	619356	620886	619326	0.25	cps
Cobalt	59-2	2523231	2531995	2530739	2528655	0.19	cps
Copper	63-2	900021	903607	903302	902310	0.22	cps
Dysprosium	156-1	158	150	167	158	5.26	cps
Dysprosium	156-2	157	133	123	138	12.41	cps
Erbium	164-1	125	125	108	119	8.06	cps
Erbium	164-2	30	47	63	47	35.71	cps
Gadolinium	160-1	133	108	142	128	13.57	cps
Gadolinium	160-2	257	240	263	253	4.74	cps
Holmium	165-1	17214831	17260092	17084757	17186560	0.53	cps
Holmium	165-2	9045774	9106239	9040656	9064223	0.40	cps
Indium	115-1	12771591	12816946	12645401	12744646	0.70	cps
Indium	115-2	2576780	2571761	2573374	2573972	0.10	cps
Iron	56-2	15073195	14965235	14889351	14975927	0.62	cps
Iron	57-2	409430	412500	411451	411127	0.38	cps
Lead	206-1	198284	199329	199487	199033	0.33	cps
Lead	207-1	176866	176551	176490	176636	0.11	cps
Lead	208-1	793058	796552	793223	794278	0.25	cps
Lithium	6-1	2481315	2486180	2459320	2475605	0.58	cps
Magnesium	24-2	17444393	17313571	17287403	17348456	0.48	cps
Manganese	55-2	1459129	1456661	1464903	1460231	0.29	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1433	1392	1375	1400	2.15	cps
Molybdenum	95-1	708	617	633	653	7.48	cps
Molybdenum	96-1	908	958	925	931	2.74	cps
Molybdenum	97-1	483	558	325	456	26.15	cps
Molybdenum	98-1	1092	1008	883	995	10.54	cps
Neodymium	150-1	687	647	693	676	3.74	cps
Neodymium	150-2	97	90	87	91	5.59	cps
Nickel	60-2	661801	667337	669223	666120	0.58	cps
Phosphorus	31-2	27134	28027	27518	27560	1.63	cps
Potassium	39-2	2939770	2937430	2929645	2935615	0.18	cps
Rhodium	103-1	10897662	10991108	10765893	10884888	1.04	cps
Rhodium	103-2	5287726	5256417	5243367	5262504	0.43	cps
Scandium	45-1	6700804	6758574	6666616	6708665	0.69	cps
Scandium	45-2	303404	306358	301205	303656	0.85	cps
Selenium	77-2	577	443	493	504	13.35	cps
Selenium	78-2	1798	1780	1704	1761	2.84	cps
Selenium	82-1	13171	12908	12796	12958	1.49	cps
Silicon	28-1	40027179	40004520	39422784	39818161	0.86	cps
Silver	109-1	669353	668251	659576	665727	0.80	cps
Silver	107-1	690930	691920	680437	687762	0.93	cps
Sodium	23-2	20014882	19854294	19873920	19914365	0.44	cps
Strontium	86-1	84246360	84372487	83599760	84072869	0.49	cps
Strontium	88-1	745808067	744522567	742114333	744148322	0.25	cps
Sulfur	34-1	8428230	8375582	8315887	8373233	0.67	cps
Terbium	159-1	17620179	17626954	17393322	17546818	0.76	cps
Terbium	159-2	8922365	8992555	8923702	8946208	0.45	cps
Thallium	203-1	617748	619347	620101	619065	0.19	cps
Thallium	205-1	1480796	1475229	1474523	1476849	0.23	cps
Tin	118-1	2967	2875	2909	2917	1.59	cps
Titanium	47-1	5418	5635	5885	5646	4.14	cps
Uranium	238-1	275	267	258	267	3.12	cps
Vanadium	51-2	1278440	1288495	1286452	1284462	0.41	cps
Yttrium	89-1	12703127	12654765	12484663	12614185	0.91	cps
Yttrium	89-2	1867253	1874496	1867053	1869601	0.23	cps
Zinc	66-2	271952	274171	273078	273067	0.41	cps
Zirconium	90-1	3017	2859	2925	2934	2.71	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-03	Instrumnet Name :	P7
Client Sample ID :	MBE719S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:43:25	DataFile Name :	028SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	792	758	839	13.34	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2334	2342	2225	2300	2.83	cps
Antimony	121-1	2617	2534	2375	2509	4.89	cps
Arsenic	75-2	54	28	37	40	33.25	cps
Barium	135-1	244955	245986	245317	245419	0.21	cps
Barium	137-1	432008	420911	426447	426455	1.30	cps
Beryllium	9-1	39	61	83	61	36.37	cps
Bismuth	209-1	10444474	10325070	10325488	10365011	0.66	cps
Bismuth	209-2	5976483	6032450	5932820	5980584	0.84	cps
Boron	10-1	51405	52860	53721	52662	2.22	cps
Boron	11-1	240161	247944	246331	244812	1.68	cps
Cadmium	111-1	3774	3654	3505	3644	3.71	cps
Cadmium	106-1	5343	5201	4959	5168	3.75	cps
Cadmium	108-1	17	29	13	19	44.61	cps
Calcium	43-1	13380426	13263750	13343809	13329328	0.45	cps
Calcium	44-1	216503447	213079484	215108763	214897231	0.80	cps
Chromium	52-2	1300	1230	1250	1260	2.86	cps
Cobalt	59-2	870	877	717	821	11.02	cps
Copper	63-2	6518	6932	7155	6868	4.71	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	67	67	117	83	34.64	cps
Erbium	164-2	70	23	27	40	65.10	cps
Gadolinium	160-1	83	108	83	92	15.74	cps
Gadolinium	160-2	263	213	263	247	11.70	cps
Holmium	165-1	17450002	17325919	17340062	17371994	0.39	cps
Holmium	165-2	9065083	9168207	8971700	9068330	1.08	cps
Indium	115-1	12885999	12718905	12733823	12779576	0.72	cps
Indium	115-2	2526892	2556877	2508846	2530872	0.96	cps
Iron	56-2	12321705	12128817	12075288	12175270	1.06	cps
Iron	57-2	344886	341428	342697	343004	0.51	cps
Lead	206-1	739	811	783	778	4.68	cps
Lead	207-1	572	606	622	600	4.24	cps
Lead	208-1	2984	2889	2956	2943	1.65	cps
Lithium	6-1	2389303	2382875	2360100	2377426	0.65	cps
Magnesium	24-2	17397170	17238031	17171218	17268806	0.67	cps
Manganese	55-2	531362	526192	526906	528153	0.53	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1025	1183	1033	1081	8.25	cps
Molybdenum	95-1	242	367	375	328	22.79	cps
Molybdenum	96-1	692	558	500	583	16.84	cps
Molybdenum	97-1	167	192	217	192	13.04	cps
Molybdenum	98-1	133	208	208	183	23.62	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	323	330	323	326	1.18	cps
Phosphorus	31-2	27292	27727	27652	27557	0.84	cps
Potassium	39-2	2931605	2919139	2878682	2909809	0.95	cps
Rhodium	103-1	10984677	10946404	10949362	10960148	0.19	cps
Rhodium	103-2	5207922	5310632	5211708	5243421	1.11	cps
Scandium	45-1	6768163	6670733	6677202	6705366	0.81	cps
Scandium	45-2	294940	304250	295079	298090	1.79	cps
Selenium	77-2	163	133	147	148	10.17	cps
Selenium	78-2	624	580	519	574	9.23	cps
Selenium	82-1	5821	5816	6077	5905	2.53	cps
Silicon	28-1	39679501	38860065	39483122	39340896	1.09	cps
Silver	109-1	2192	2084	2234	2170	3.57	cps
Silver	107-1	2559	2567	2592	2573	0.67	cps
Sodium	23-2	19862886	19704737	19735767	19767796	0.42	cps
Strontium	86-1	85457741	84388064	85099983	84981930	0.64	cps
Strontium	88-1	757381384	756873334	759771484	758008734	0.20	cps
Sulfur	34-1	8440644	8299663	8424029	8388112	0.92	cps
Terbium	159-1	17754208	17635846	17810683	17733579	0.50	cps
Terbium	159-2	8888244	9022613	8829237	8913365	1.11	cps
Thallium	203-1	217	258	275	250	12.02	cps
Thallium	205-1	658	625	617	633	3.48	cps
Tin	118-1	2142	2267	2075	2161	4.50	cps
Titanium	47-1	4859	4818	4951	4876	1.40	cps
Uranium	238-1	83	117	125	108	20.35	cps
Vanadium	51-2	1167	1290	1240	1232	5.03	cps
Yttrium	89-1	12805517	12633607	12658527	12699217	0.73	cps
Yttrium	89-2	1828017	1857266	1836606	1840630	0.82	cps
Zinc	66-2	12692	12395	12659	12582	1.29	cps
Zirconium	90-1	2859	2884	2984	2909	2.27	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01A	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:47:05	DataFile Name :	029SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	667	708	683	3.23	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2667	2667	2592	2642	1.64	cps
Antimony	121-1	1817	2192	2484	2164	15.45	cps
Arsenic	75-2	41	44	59	48	20.36	cps
Barium	135-1	239258	239097	240700	239685	0.37	cps
Barium	137-1	413430	419623	416971	416675	0.75	cps
Beryllium	9-1	72	44	89	69	32.76	cps
Bismuth	209-1	9959503	10196395	10179043	10111647	1.31	cps
Bismuth	209-2	5685333	5837523	5913683	5812180	2.00	cps
Boron	10-1	49908	51104	52843	51285	2.88	cps
Boron	11-1	232925	236018	243460	237468	2.28	cps
Cadmium	111-1	3471	3658	3421	3516	3.54	cps
Cadmium	106-1	4868	5168	4801	4946	3.95	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	12809508	13124193	13048111	12993937	1.26	cps
Calcium	44-1	207341592	212229467	211304363	210291807	1.23	cps
Chromium	52-2	1083	1300	1267	1217	9.59	cps
Cobalt	59-2	767	767	833	789	4.88	cps
Copper	63-2	6625	6378	6855	6619	3.60	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	23	7	7	12	78.69	cps
Erbium	164-1	92	100	83	92	9.09	cps
Erbium	164-2	23	13	40	26	52.73	cps
Gadolinium	160-1	150	92	142	128	24.69	cps
Gadolinium	160-2	193	237	207	212	10.46	cps
Holmium	165-1	16884574	17104622	17289619	17092938	1.19	cps
Holmium	165-2	8589398	8884835	9014014	8829416	2.47	cps
Indium	115-1	12320321	12521602	12591744	12477889	1.13	cps
Indium	115-2	2401515	2482483	2511421	2465140	2.31	cps
Iron	56-2	11434167	11863188	11905358	11734237	2.22	cps
Iron	57-2	321308	337591	335621	331507	2.68	cps
Lead	206-1	1706	1850	1800	1785	4.11	cps
Lead	207-1	1728	1589	1350	1556	12.28	cps
Lead	208-1	7312	7101	7201	7205	1.47	cps
Lithium	6-1	2339525	2370249	2376285	2362019	0.83	cps
Magnesium	24-2	16406095	16706073	16988661	16700276	1.74	cps
Manganese	55-2	496719	516447	521927	511698	2.59	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1217	1058	1108	1128	7.18	cps
Molybdenum	95-1	208	350	367	308	28.22	cps
Molybdenum	96-1	542	600	600	581	5.80	cps
Molybdenum	97-1	225	192	208	208	8.00	cps
Molybdenum	98-1	200	200	217	206	4.68	cps
Neodymium	150-1	67	33	40	47	37.80	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	470	557	563	530	9.82	cps
Phosphorus	31-2	26065	26341	25523	25976	1.60	cps
Potassium	39-2	2748397	2823278	2865740	2812471	2.11	cps
Rhodium	103-1	10676800	10841571	10757314	10758562	0.77	cps
Rhodium	103-2	4951621	5112215	5191275	5085037	2.40	cps
Scandium	45-1	6519505	6662455	6639575	6607178	1.16	cps
Scandium	45-2	285029	291140	296212	290794	1.93	cps
Selenium	77-2	283	337	313	311	8.59	cps
Selenium	78-2	993	1091	1106	1063	5.78	cps
Selenium	82-1	8482	8663	8675	8607	1.26	cps
Silicon	28-1	38596903	38770521	38843208	38736877	0.33	cps
Silver	109-1	1767	1667	1792	1742	3.80	cps
Silver	107-1	1692	1959	1925	1859	7.82	cps
Sodium	23-2	18819139	19268069	19444135	19177114	1.68	cps
Strontium	86-1	81210114	83375708	83048123	82544648	1.41	cps
Strontium	88-1	726843466	738110400	743351717	736101861	1.15	cps
Sulfur	34-1	8180056	8311173	8270289	8253839	0.81	cps
Terbium	159-1	17222923	17501266	17451123	17391771	0.85	cps
Terbium	159-2	8446685	8710543	8796109	8651112	2.11	cps
Thallium	203-1	150	300	150	200	43.30	cps
Thallium	205-1	508	267	508	428	32.62	cps
Tin	118-1	2150	2067	2275	2164	4.85	cps
Titanium	47-1	5118	5093	4743	4984	4.21	cps
Uranium	238-1	133	83	75	97	32.45	cps
Vanadium	51-2	1047	1203	1100	1117	7.13	cps
Yttrium	89-1	12251393	12447173	12453979	12384182	0.93	cps
Yttrium	89-2	1736448	1808811	1822393	1789217	2.58	cps
Zinc	66-2	13980	14394	14834	14403	2.97	cps
Zirconium	90-1	2842	2667	2975	2828	5.47	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	J4201-01ARE	Instrumnet Name :	P7
Client Sample ID :	MBE719A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 14:59:27	DataFile Name :	030SMPL_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	733	767	719	7.71	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4652032	4626535	4730819	4669795	1.16	cps
Antimony	121-1	4814457	4840699	4844520	4833225	0.34	cps
Arsenic	75-2	160442	160961	163306	161570	0.94	cps
Barium	135-1	6239025	6290298	6292811	6274045	0.48	cps
Barium	137-1	10905346	10901006	10944911	10917088	0.22	cps
Beryllium	9-1	795632	798275	797175	797027	0.17	cps
Bismuth	209-1	8510188	8468596	8475303	8484696	0.26	cps
Bismuth	209-2	5122531	5128279	5181776	5144195	0.64	cps
Boron	10-1	100332	102042	103528	101967	1.57	cps
Boron	11-1	463044	469263	474197	468835	1.19	cps
Cadmium	111-1	1213088	1216808	1217332	1215743	0.19	cps
Cadmium	106-1	137040	138378	138278	137899	0.54	cps
Cadmium	108-1	92340	91631	91020	91664	0.72	cps
Calcium	43-1	6329780	6374820	6366728	6357109	0.38	cps
Calcium	44-1	103173531	104140663	104150084	103821426	0.54	cps
Chromium	52-2	1361266	1388915	1399549	1383243	1.43	cps
Cobalt	59-2	2188488	2225434	2248034	2220652	1.35	cps
Copper	63-2	2974596	3018093	3059171	3017287	1.40	cps
Dysprosium	156-1	233	250	233	239	4.03	cps
Dysprosium	156-2	217	190	207	204	6.59	cps
Erbium	164-1	75	117	125	106	25.38	cps
Erbium	164-2	77	60	60	66	14.68	cps
Gadolinium	160-1	183	217	192	197	8.80	cps
Gadolinium	160-2	280	297	260	279	6.58	cps
Holmium	165-1	14471172	14486290	14417818	14458427	0.25	cps
Holmium	165-2	7931550	7996783	8053918	7994084	0.77	cps
Indium	115-1	10275930	10352260	10338478	10322223	0.39	cps
Indium	115-2	2171465	2214361	2236734	2207520	1.50	cps
Iron	56-2	294586573	302550729	300729685	299288996	1.39	cps
Iron	57-2	7307586	7436257	7466544	7403462	1.14	cps
Lead	206-1	4188409	4212562	4162776	4187916	0.59	cps
Lead	207-1	3698203	3695219	3684289	3692571	0.20	cps
Lead	208-1	16649294	16750487	16543505	16647762	0.62	cps
Lithium	6-1	1900816	1907829	1937888	1915511	1.03	cps
Magnesium	24-2	51481807	51115500	52285163	51627490	1.16	cps
Manganese	55-2	1594546	1640388	1639870	1624935	1.62	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9781618	9902229	9809290	9831046	0.64	cps
Molybdenum	95-1	11913620	12041745	12050275	12001880	0.64	cps
Molybdenum	96-1	13261062	13405592	13402558	13356404	0.62	cps
Molybdenum	97-1	7499175	7592764	7563743	7551894	0.63	cps
Molybdenum	98-1	19368075	19594307	19381000	19447794	0.65	cps
Neodymium	150-1	707	733	873	771	11.61	cps
Neodymium	150-2	160	137	183	160	14.58	cps
Nickel	60-2	574937	585166	597462	585855	1.93	cps
Phosphorus	31-2	48012	47568	49424	48335	2.01	cps
Potassium	39-2	25158767	25316575	25664496	25379946	1.02	cps
Rhodium	103-1	9028966	9066914	9025905	9040595	0.25	cps
Rhodium	103-2	4504891	4530215	4561531	4532212	0.63	cps
Scandium	45-1	5669920	5736267	5755814	5720667	0.79	cps
Scandium	45-2	268817	269256	274696	270923	1.21	cps
Selenium	77-2	4084	3874	4064	4007	2.89	cps
Selenium	78-2	13818	13608	13916	13781	1.14	cps
Selenium	82-1	79299	79930	80109	79779	0.53	cps
Silicon	28-1	2969835	3045551	3079852	3031746	1.86	cps
Silver	109-1	5612274	5609294	5618978	5613515	0.09	cps
Silver	107-1	5822876	5849787	5841480	5838048	0.24	cps
Sodium	23-2	94038600	94919910	95900727	94953079	0.98	cps
Strontium	86-1	1509606	1511803	1508646	1510018	0.11	cps
Strontium	88-1	13533349	13528164	13551860	13537791	0.09	cps
Sulfur	34-1	728708	726217	725266	726730	0.24	cps
Terbium	159-1	14791374	14795334	14758738	14781815	0.14	cps
Terbium	159-2	7730727	7864222	7927050	7840667	1.28	cps
Thallium	203-1	5173273	5194874	5140007	5169385	0.53	cps
Thallium	205-1	12334158	12290965	12240524	12288549	0.38	cps
Tin	118-1	4100634	4117176	4119471	4112427	0.25	cps
Titanium	47-1	2952897	2999835	3003628	2985453	0.95	cps
Uranium	238-1	17324666	17208700	17314456	17282607	0.37	cps
Vanadium	51-2	1113893	1118337	1132375	1121535	0.86	cps
Yttrium	89-1	10578193	10623618	10609165	10603659	0.22	cps
Yttrium	89-2	1640485	1656590	1677009	1658028	1.10	cps
Zinc	66-2	462516	461304	467749	463857	0.74	cps
Zirconium	90-1	8203885	8280865	8194180	8226310	0.58	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:04:25	DataFile Name :	031CCV_P7073118-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1758012	1793306	1772044	1774454	1.00	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:09:15	DataFile Name :	032CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	208	167	194	12.37	cps
Antimony	121-1	2625	2517	2375	2506	5.00	cps
Arsenic	75-2	13	6	7	9	44.56	cps
Barium	135-1	383	308	308	333	12.99	cps
Barium	137-1	625	433	442	500	21.67	cps
Beryllium	9-1	144	83	144	124	28.43	cps
Bismuth	209-1	9675472	9786671	9691802	9717982	0.62	cps
Bismuth	209-2	5899916	5902915	5949851	5917561	0.47	cps
Boron	10-1	2834	2709	2634	2725	3.71	cps
Boron	11-1	13048	12481	12147	12559	3.63	cps
Cadmium	111-1	3272	3379	2939	3197	7.18	cps
Cadmium	106-1	4609	4718	4142	4490	6.81	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	608	442	550	533	15.86	cps
Calcium	44-1	13876	13132	12606	13204	4.83	cps
Chromium	52-2	553	520	537	537	3.11	cps
Cobalt	59-2	73	97	107	92	18.55	cps
Copper	63-2	2800	2814	2607	2740	4.22	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	17	30	37	28	36.66	cps
Gadolinium	160-1	117	100	117	111	8.66	cps
Gadolinium	160-2	220	203	197	207	5.82	cps
Holmium	165-1	15044798	15141642	15054214	15080218	0.35	cps
Holmium	165-2	8315552	8308475	8326063	8316697	0.11	cps
Indium	115-1	11436114	11523954	11512784	11490951	0.42	cps
Indium	115-2	2434905	2449475	2453355	2445912	0.40	cps
Iron	56-2	17644	16760	15714	16706	5.78	cps
Iron	57-2	617	517	483	539	12.88	cps
Lead	206-1	767	733	733	744	2.58	cps
Lead	207-1	717	561	700	659	12.96	cps
Lead	208-1	3061	2856	2911	2943	3.61	cps
Lithium	6-1	2134458	2155600	2064054	2118037	2.26	cps
Magnesium	24-2	1850	1750	1558	1720	8.62	cps
Manganese	55-2	83	123	97	101	20.14	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired ::	2018-07-31 15:09:15	DataFile Name :	032CCBE_P7073118-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1250	1267	1342	1286	3.80	cps
Molybdenum	95-1	1317	1442	1158	1306	10.88	cps
Molybdenum	96-1	1500	1258	1283	1347	9.86	cps
Molybdenum	97-1	758	792	692	747	6.81	cps
Molybdenum	98-1	1892	1917	1592	1800	10.05	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	60	53	61	13.73	cps
Phosphorus	31-2	192	192	200	194	2.47	cps
Potassium	39-2	28403	28929	29889	29074	2.59	cps
Rhodium	103-1	10343455	10434535	10417275	10398422	0.47	cps
Rhodium	103-2	5158857	5175328	5175420	5169868	0.18	cps
Scandium	45-1	6098412	6131897	6112398	6114236	0.28	cps
Scandium	45-2	282958	284718	286139	284605	0.56	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	81	76	76	7.32	cps
Selenium	82-1	364	366	292	341	12.35	cps
Silicon	28-1	229375	226251	226920	227515	0.72	cps
Silver	109-1	1150	1042	1075	1089	5.10	cps
Silver	107-1	1367	1067	1117	1183	13.58	cps
Sodium	23-2	20214	19104	18587	19302	4.31	cps
Strontium	86-1	1000	933	1017	983	4.48	cps
Strontium	88-1	3417	2792	2675	2962	13.47	cps
Sulfur	34-1	337948	337296	342342	339195	0.81	cps
Terbium	159-1	15408204	15602919	15541158	15517427	0.64	cps
Terbium	159-2	8225407	8191634	8207367	8208136	0.21	cps
Thallium	203-1	792	650	642	694	12.14	cps
Thallium	205-1	1959	1917	1325	1734	20.44	cps
Tin	118-1	4893	4484	4743	4707	4.39	cps
Titanium	47-1	208	233	242	228	7.62	cps
Uranium	238-1	1100	858	550	836	32.97	cps
Vanadium	51-2	43	70	30	48	42.63	cps
Yttrium	89-1	11270669	11353962	11334328	11319653	0.38	cps
Yttrium	89-2	1752335	1754478	1745220	1750677	0.28	cps
Zinc	66-2	287	270	287	281	3.42	cps
Zirconium	90-1	1709	1750	1567	1675	5.74	cps

LB Number :	LB97012	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	333	283	319	9.88	cps