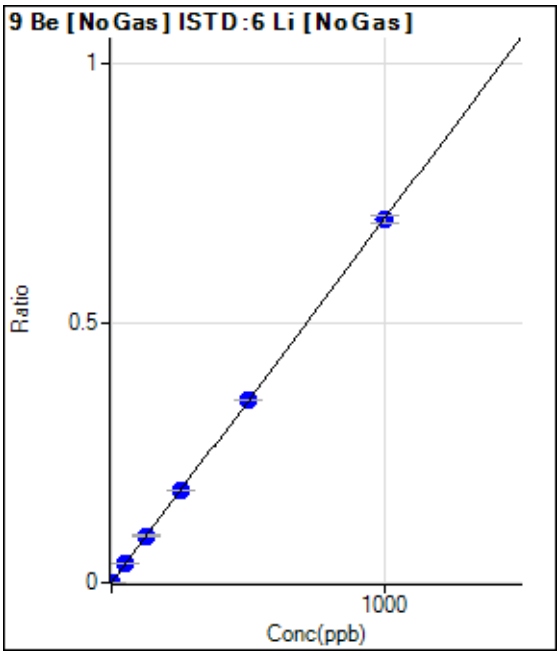
Batch Folder: D:\P8020818-MS .b\
Analysis File: P8020818-MS .batch.bin
DA Date-Time: 2018-02-09 14:57:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

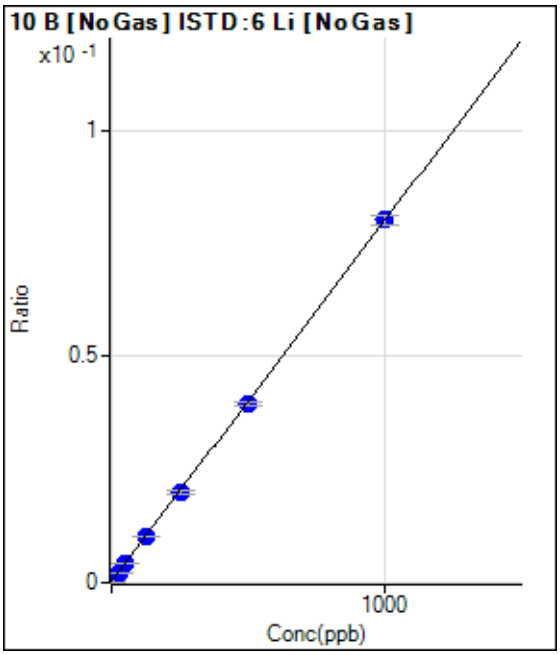
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_P8020818-MS.D	S00	2018-02-08 14:57:56
2			
3	006CALS_P8020818-MS.D	S02	2018-02-08 15:04:53
4	007CALS_P8020818-MS.D	S03	2018-02-08 15:08:23
5	008CALS_P8020818-MS.D	S04	2018-02-08 15:11:54
6	009CALS_P8020818-MS.D	S05	2018-02-08 15:15:19
7	010CALS_P8020818-MS.D	S06	2018-02-08 15:18:37
8	011CALS_P8020818-MS.D	S07	2018-02-08 15:21:51
9	012CALS_P8020818-MS.D	S08	2018-02-08 15:25:04



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0001	P	15.9
2	☐	0.100					
3	☐	1.000	1.084	1098.22	0.0009	P	6.5
4	☐	50.000	52.839	45754.70	0.0371	P	1.4
5	☐	125.000	129.291	113993.85	0.0905	P	0.8
6	☐	250.000	253.777	222323.28	0.1776	P	0.8
7	☐	500.000	502.098	436149.60	0.3512	P	0.4
8	☐	1000.000	997.328	846111.11	0.6975	P	2.0
9	☐			635.22	0.0005	P	4.0

y = 6.9925E-004 * x + 1.2337E-004
R = 1.0000
DL = 0.08412
BEC = 0.1764

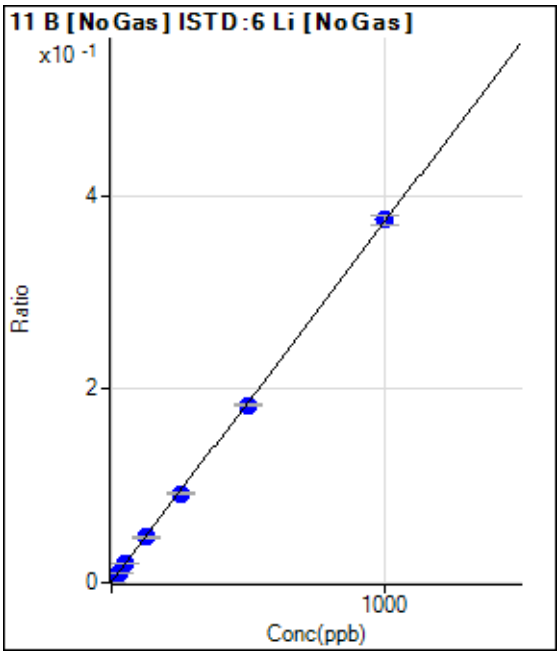
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0002	P	12.1
2	☐	2.500					
3	☐	25.000	22.753	2528.12	0.0020	P	3.5
4	☐	50.000	50.419	5228.96	0.0042	P	4.8
5	☐	125.000	125.650	12895.25	0.0102	P	0.9
6	☐	250.000	248.774	25120.10	0.0201	P	3.0
7	☐	500.000	494.530	49274.26	0.0397	P	2.5
8	☐	1000.000	1002.996	97367.52	0.0803	P	2.3
9	☐			4295.27	0.0037	P	8.0

y = 7.9800E-005 * x + 2.1376E-004
R = 1.0000
DL = 0.9687
BEC = 2.679

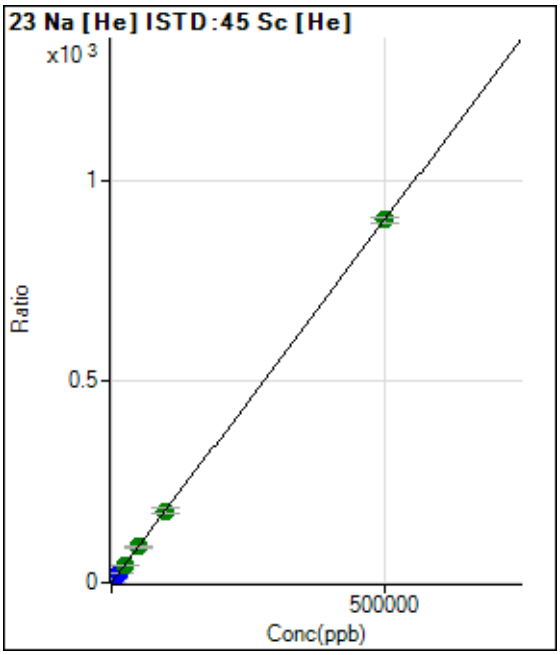
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	994.52	0.0008	P	5.2
2	☐	2.500					
3	☐	25.000	23.163	11708.02	0.0094	P	3.2
4	☐	50.000	49.668	23759.36	0.0193	P	3.8
5	☐	125.000	123.942	59027.43	0.0469	P	2.3
6	☐	250.000	244.199	114663.46	0.0916	P	2.5
7	☐	500.000	491.081	227738.18	0.1834	P	1.4
8	☐	1000.000	1006.104	454730.76	0.3749	P	2.8
9	☐			20062.15	0.0171	P	10.3

y = 3.7185E-004 * x + 7.8895E-004
R = 0.9999
DL = 0.3338
BEC = 2.122

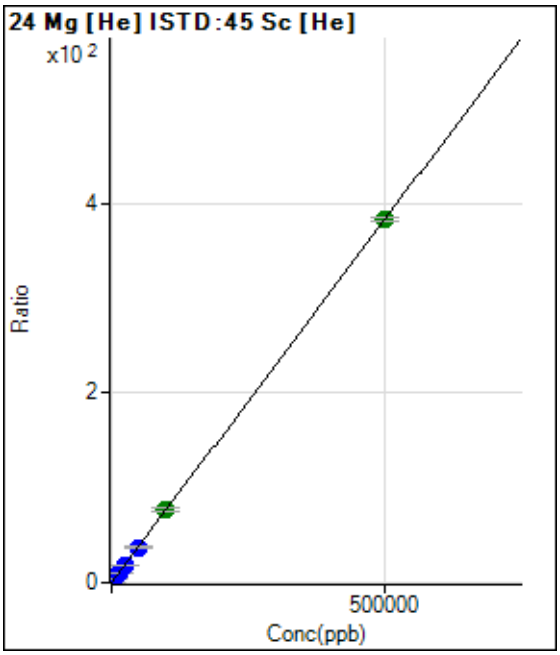
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4934.39	0.1808	P	2.0
2	☐	50.000					
3	☐	500.000	460.004	27126.89	1.0092	P	1.3
4	☐	5000.000	4763.253	239248.33	8.7579	P	1.3
5	☐	12500.000	12229.681	589763.68	22.2024	P	0.5
6	☐	25000.000	24747.885	1178413.04	44.7435	A	2.0
7	☐	50000.000	49094.601	2266354.91	88.5838	A	2.5
8	☐	100000.00	98805.059	4417316.68	178.0957	A	6.6
9	☐	500000.00	500351.29	22567005.71	901.1463	A	1.4

y = 0.0018 * x + 0.1808
R = 1.0000
DL = 6.141
BEC = 100.4

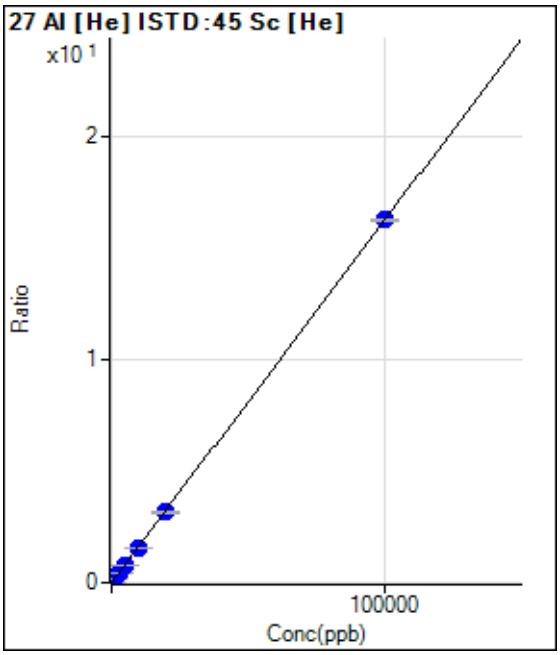
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0054	P	44.4
2	☐	50.000					
3	☐	500.000	460.664	9617.56	0.3578	P	4.3
4	☐	5000.000	4864.677	101821.34	3.7271	P	1.0
5	☐	12500.000	12320.523	250507.96	9.4311	P	0.8
6	☐	25000.000	24452.308	492835.78	18.7123	P	1.3
7	☐	50000.000	48902.161	957283.07	37.4173	P	2.6
8	☐	100000.00	100539.84	1908481.58	76.9220	A	5.8
9	☐	500000.00	500035.07	9580386.24	382.5500	A	1.1

y = 7.6504E-004 * x + 0.0054
R = 1.0000
DL = 9.433
BEC = 7.08

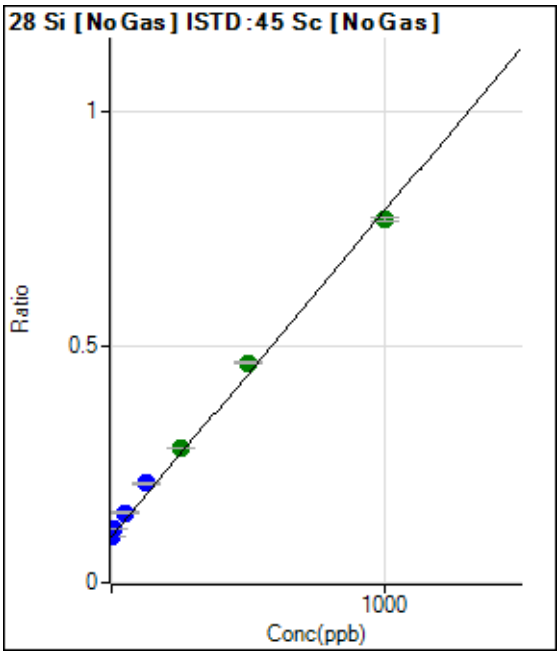
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0005	P	35.5
2	☐	2.000					
3	☐	20.000	25.493	125.00	0.0046	P	17.4
4	☐	1000.000	969.861	4317.51	0.1579	P	6.0
5	☐	2500.000	2457.959	10609.98	0.3994	P	4.0
6	☐	5000.000	4933.965	21102.56	0.8013	P	2.8
7	☐	10000.000	9556.932	39676.25	1.5516	P	4.4
8	☐	20000.000	19420.644	78268.49	3.1525	P	4.0
9	☐	100000.00	100164.83	407148.55	16.2572	P	0.7

y = 1.6230E-004 * x + 5.1059E-004
R = 1.0000
DL = 3.352
BEC = 3.146

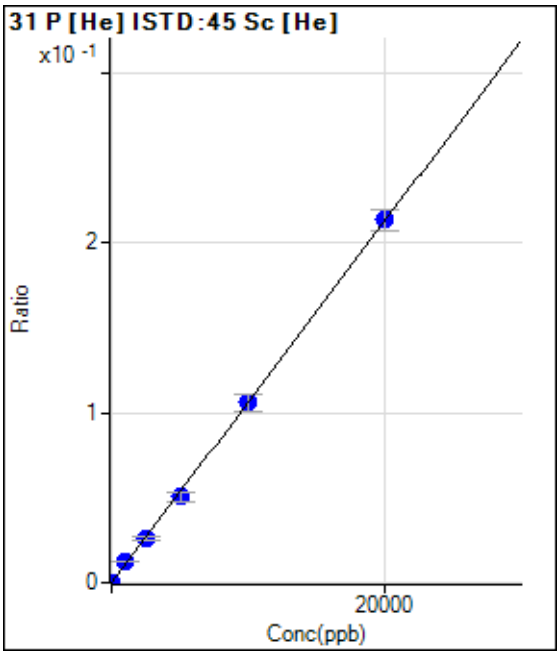
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360903.40	0.0979	P	0.3
2	☐	1.000					
3	☐	10.000	22.348	402801.27	0.1133	P	1.6
4	☐	50.000	73.761	518525.43	0.1488	P	1.9
5	☐	125.000	162.514	748398.74	0.2102	P	1.3
6	☐	250.000	272.168	1013831.49	0.2859	A	0.6
7	☐	500.000	532.337	1644689.94	0.4656	A	1.0
8	☐	1000.000	972.289	2712546.31	0.7695	A	1.0
9	☐			413053.01	0.1207	P	1.1

y = 6.9079E-004 * x + 0.0979
R = 0.9986
DL = 1.421
BEC = 141.7

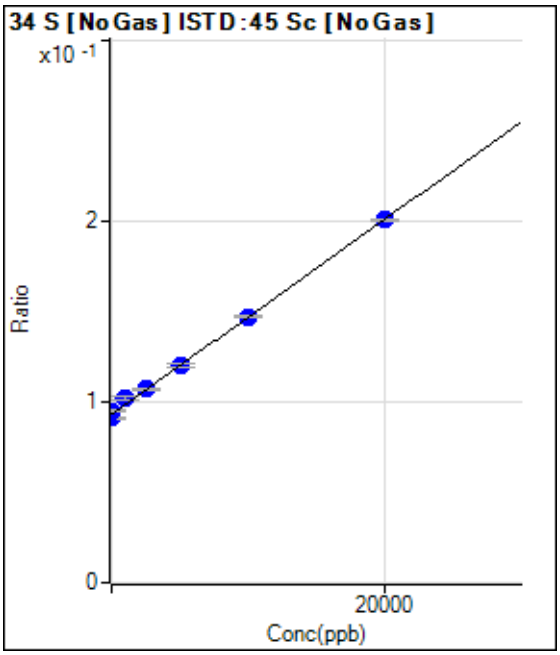
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	0.000	0.00	0.0000	P	
4	☐	1000.000	1139.486	330.58	0.0121	P	3.5
5	☐	2500.000	2462.447	694.49	0.0261	P	8.5
6	☐	5000.000	4759.764	1330.68	0.0505	P	10.1
7	☐	10000.000	9954.103	2703.16	0.1057	P	9.2
8	☐	20000.000	20080.727	5295.70	0.2132	P	5.9
9	☐			5.56	0.0002	P	173.

y = 1.0618E-005 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

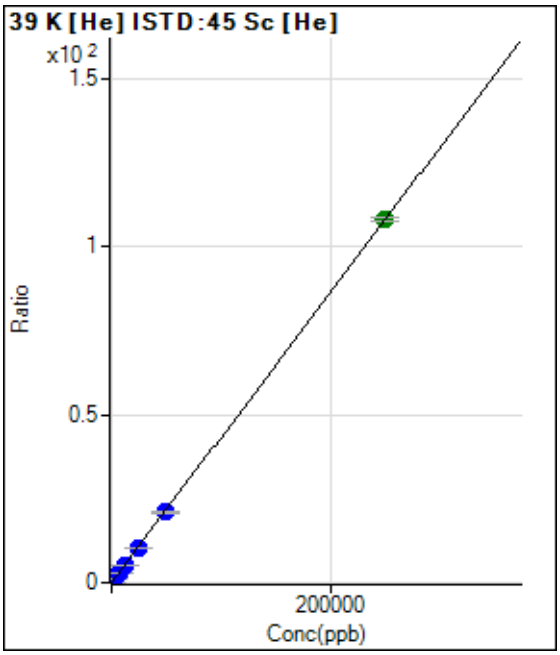
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-339.129	335995.85	0.0911	P	1.0
2	☐	0.000					
3	☐	0.000	339.129	336919.11	0.0948	P	1.5
4	☐	1000.000	1698.499	355718.49	0.1021	P	2.5
5	☐	2500.000	2618.914	381328.10	0.1071	P	0.8
6	☐	5000.000	5023.725	425677.55	0.1200	P	1.0
7	☐	10000.000	10006.842	518892.51	0.1469	P	0.5
8	☐	20000.000	19940.859	706556.42	0.2004	P	0.5
9	☐			299381.75	0.0875	P	1.6

y = 5.3898E-006 * x + 0.0930
R = 0.9991
DL = 636.7
BEC = 1.725E+04

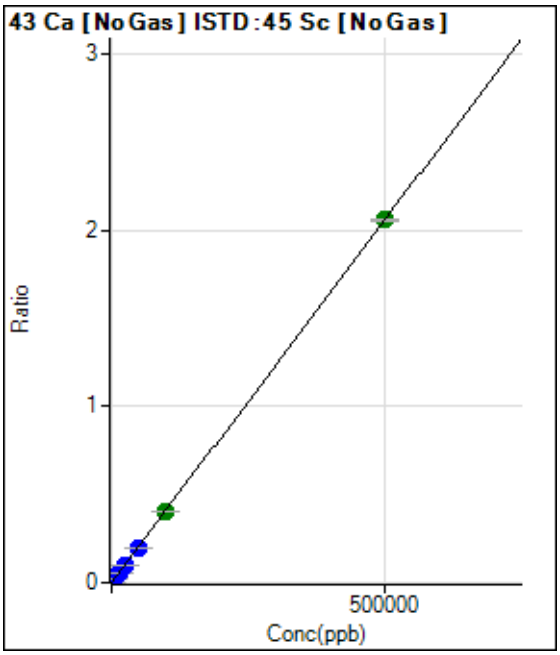
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1761.30	0.0646	P	3.9
2	☐	50.000					
3	☐	500.000	440.101	6829.75	0.2541	P	3.2
4	☐	2500.000	2394.126	29921.50	1.0953	P	1.7
5	☐	6250.000	6057.535	70993.67	2.6725	P	1.7
6	☐	12500.000	11919.444	136853.21	5.1963	P	1.8
7	☐	25000.000	23928.850	265177.40	10.3667	P	3.2
8	☐	50000.000	48341.779	518075.74	20.8772	P	5.3
9	☐	250000.00	250473.77	2702389.32	107.9011	A	1.0

y = 4.3053E-004 * x + 0.0646
R = 1.0000
DL = 17.51
BEC = 150

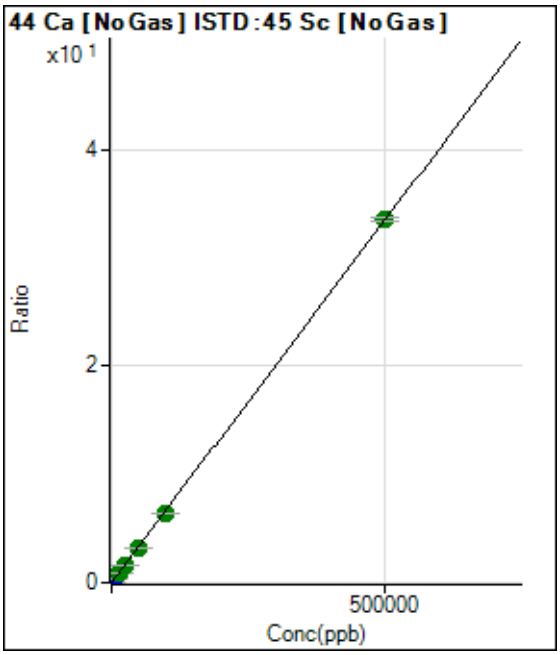
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	638.94	0.0002	P	22.0
2	☐	50.000					
3	☐	500.000	458.799	7316.12	0.0021	P	5.9
4	☐	5000.000	4976.311	71786.68	0.0206	P	1.9
5	☐	12500.000	12101.247	177562.73	0.0499	P	0.3
6	☐	25000.000	24354.845	355219.02	0.1002	P	0.2
7	☐	50000.000	48253.191	700453.58	0.1983	P	0.3
8	☐	100000.00	97032.323	1405020.70	0.3986	A	0.3
9	☐	500000.00	500810.72	7035953.71	2.0565	A	0.8

y = 4.1059E-006 * x + 1.7344E-004
R = 1.0000
DL = 27.92
BEC = 42.24

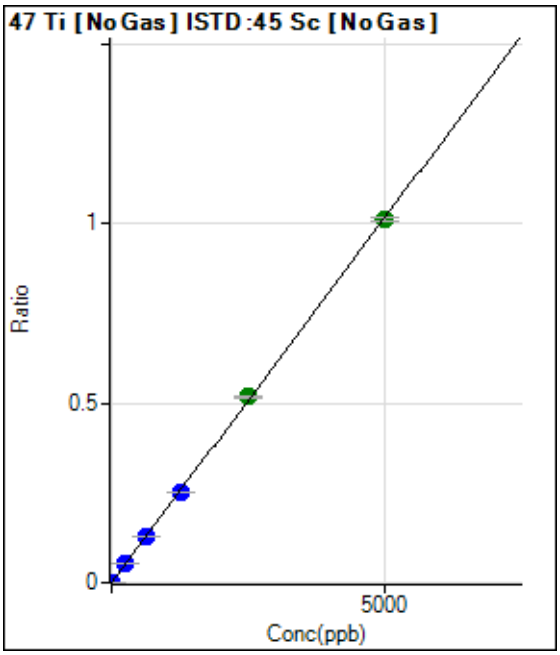
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11494.11	0.0031	P	1.5
2	☐	50.000					
3	☐	500.000	449.062	117752.00	0.0331	P	2.7
4	☐	5000.000	5012.889	1178041.38	0.3382	P	2.3
5	☐	12500.000	12191.558	2913062.39	0.8180	A	0.4
6	☐	25000.000	24094.750	5721923.26	1.6136	A	0.8
7	☐	50000.000	47862.391	11311069.35	3.2022	A	1.0
8	☐	100000.00	95631.687	22542389.05	6.3951	A	0.7
9	☐	500000.00	501140.31	114614280.3	33.4990	A	1.1

y = 6.6839E-005 * x + 0.0031
R = 1.0000
DL = 2.164
BEC = 46.64

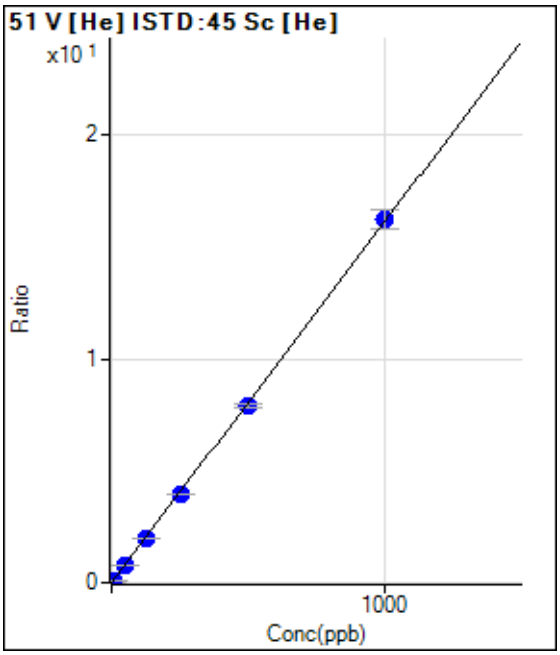
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	7.5
2	☐	0.500					
3	☐	5.000	4.690	3508.94	0.0010	P	2.9
4	☐	250.000	254.946	180493.25	0.0518	P	2.1
5	☐	625.000	623.192	450839.18	0.1266	P	0.4
6	☐	1250.000	1242.152	894675.58	0.2523	P	0.7
7	☐	2500.000	2551.949	1830783.79	0.5183	A	1.1
8	☐	5000.000	4975.966	3562218.66	1.0106	A	1.1
9	☐			736.16	0.0002	P	14.2

y = 2.0309E-004 * x + 3.4659E-005
R = 0.9999
DL = 0.03851
BEC = 0.1707

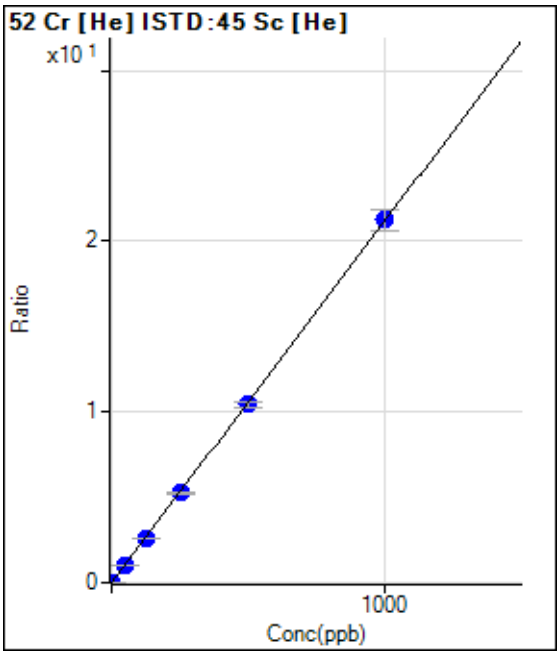
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0003	P	21.6
2	☐	0.500					
3	☐	5.000	4.732	2060.19	0.0766	P	3.6
4	☐	50.000	48.660	21442.15	0.7850	P	2.5
5	☐	125.000	122.683	52557.11	1.9786	P	0.8
6	☐	250.000	244.710	103937.38	3.9464	P	1.3
7	☐	500.000	491.874	202951.40	7.9320	P	2.2
8	☐	1000.000	1005.743	402448.84	16.2184	P	5.4
9	☐			112.22	0.0045	P	10.9

y = 0.0161 * x + 3.2585E-004
R = 0.9999
DL = 0.01308
BEC = 0.02021

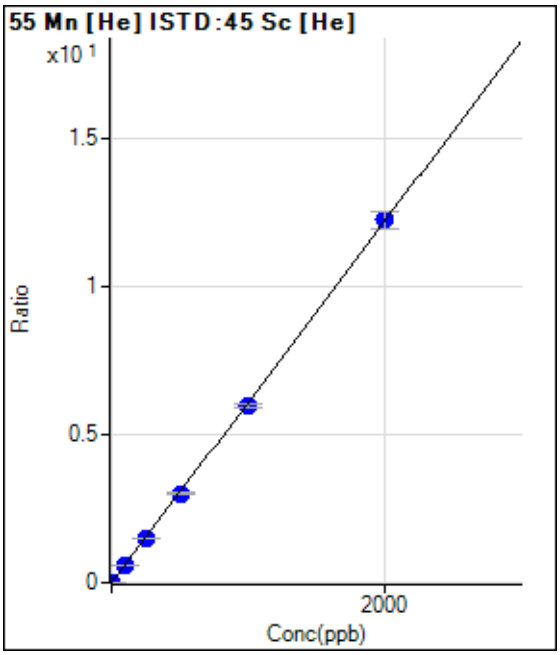
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0092	P	7.0
2	☐	0.200					
3	☐	2.000	2.008	1387.87	0.0516	P	6.2
4	☐	50.000	48.639	28357.79	1.0380	P	1.6
5	☐	125.000	123.608	69695.86	2.6239	P	1.1
6	☐	250.000	247.383	138069.43	5.2423	P	1.1
7	☐	500.000	492.953	267002.92	10.4370	P	2.8
8	☐	1000.000	1004.420	527399.86	21.2565	P	5.7
9	☐			10817.67	0.4320	P	2.1

y = 0.0212 * x + 0.0092
R = 1.0000
DL = 0.09122
BEC = 0.433

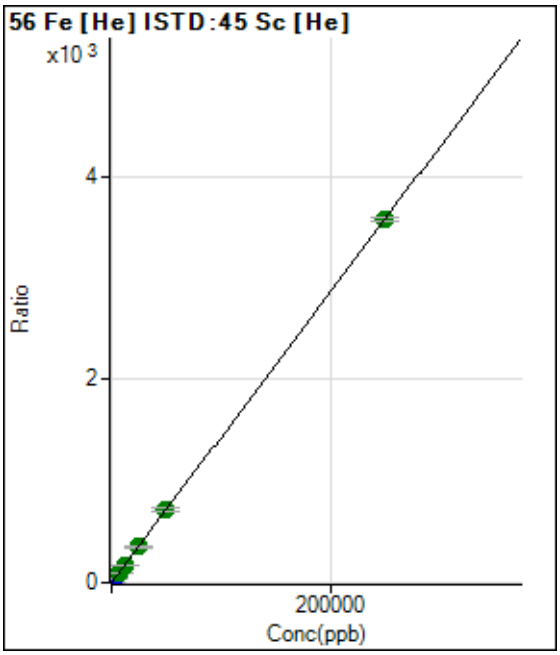
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0005	P	13.5
2	☐	0.100					
3	☐	1.000	0.896	161.12	0.0060	P	25.3
4	☐	100.000	97.831	16301.93	0.5967	P	3.4
5	☐	250.000	249.583	40413.99	1.5214	P	0.5
6	☐	500.000	494.253	79341.36	3.0124	P	1.1
7	☐	1000.000	983.128	153288.35	5.9915	P	2.6
8	☐	2000.000	2010.033	303994.46	12.2493	P	5.1
9	☐			956.72	0.0382	P	9.2

y = 0.0061 * x + 5.2954E-004
R = 0.9999
DL = 0.03528
BEC = 0.0869

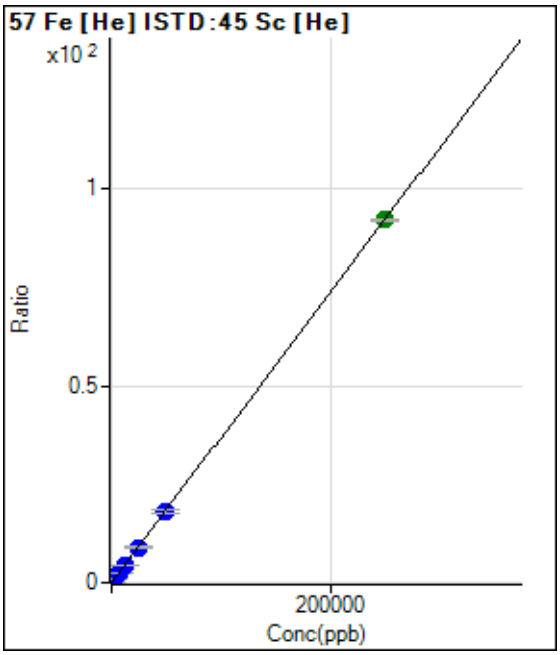
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	964.88	0.0353	P	11.3
2	☐	5.000					
3	☐	50.000	46.382	18785.27	0.6988	P	2.4
4	☐	2500.000	2439.275	954218.36	34.9290	P	1.1
5	☐	6250.000	6281.471	2387643.48	89.8913	A	1.3
6	☐	12500.000	12366.141	4660086.50	176.9319	A	0.9
7	☐	25000.000	24655.831	9023984.98	352.7349	A	2.9
8	☐	50000.000	50253.828	17839109.43	718.9121	A	5.5
9	☐	250000.00	249990.16	89559488.12	3,576.123	A	1.0

y = 0.0143 * x + 0.0353
R = 1.0000
DL = 0.8397
BEC = 2.471

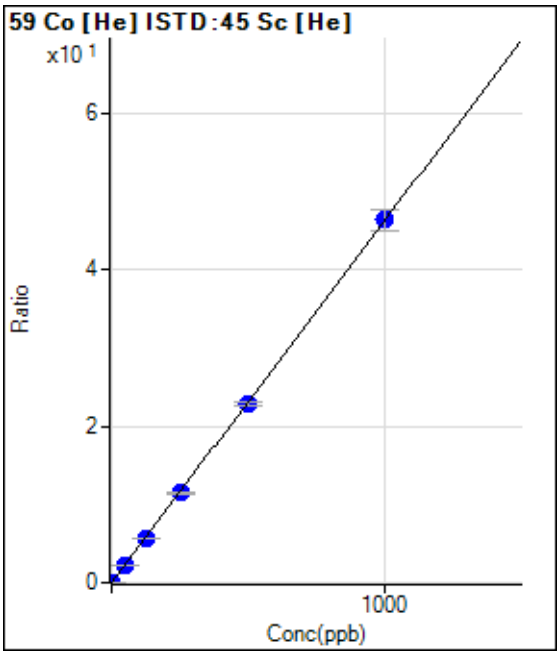
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.37	0.0007	P	31.6
2	☐	5.000					
3	☐	50.000	45.498	470.39	0.0175	P	18.5
4	☐	2500.000	2404.900	24212.26	0.8863	P	1.3
5	☐	6250.000	6016.638	58866.85	2.2163	P	1.5
6	☐	12500.000	12011.373	116512.26	4.4237	P	0.8
7	☐	25000.000	24214.345	228123.92	8.9172	P	2.8
8	☐	50000.000	49293.894	450368.84	18.1522	P	5.8
9	☐	250000.00	250251.00	2307947.30	92.1507	A	0.3

y = 3.6823E-004 * x + 7.4707E-004
R = 1.0000
DL = 1.926
BEC = 2.029

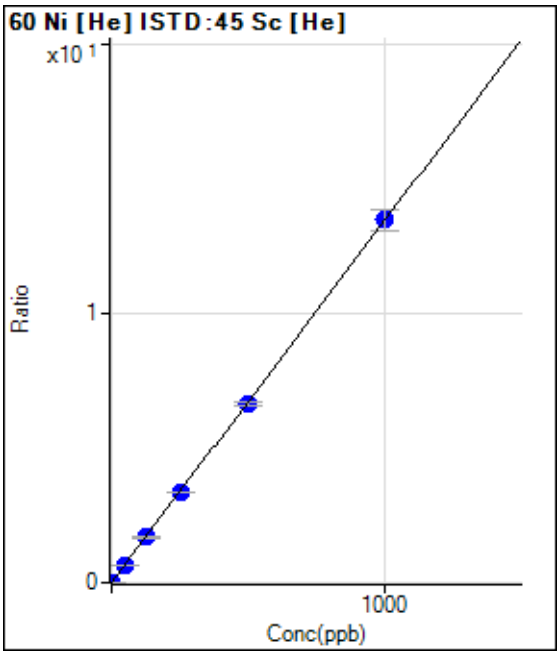
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0019	P	42.6
2	☐	0.100					
3	☐	1.000	0.918	1190.07	0.0443	P	3.7
4	☐	50.000	49.019	61923.64	2.2668	P	1.7
5	☐	125.000	124.147	152414.53	5.7381	P	0.9
6	☐	250.000	247.694	301481.36	11.4467	P	1.0
7	☐	500.000	494.942	585088.49	22.8708	P	2.8
8	☐	1000.000	1003.262	1150286.09	46.3579	P	5.5
9	☐			1474.55	0.0589	P	3.8

y = 0.0462 * x + 0.0019
R = 1.0000
DL = 0.05195
BEC = 0.04068

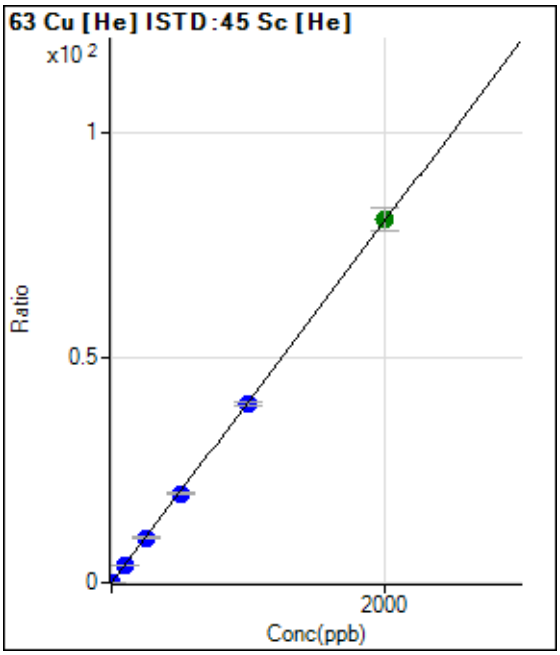
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	273.34	0.0100	P	9.8
2	☐	0.100					
3	☐	1.000	1.077	658.92	0.0245	P	3.8
4	☐	50.000	49.022	18294.50	0.6697	P	1.9
5	☐	125.000	124.646	44818.78	1.6874	P	1.9
6	☐	250.000	250.490	89051.24	3.3810	P	0.3
7	☐	500.000	495.081	170739.13	6.6726	P	1.9
8	☐	1000.000	1002.430	334948.52	13.5002	P	5.8
9	☐			4538.59	0.1812	P	0.6

y = 0.0135 * x + 0.0100
R = 1.0000
DL = 0.2189
BEC = 0.7447

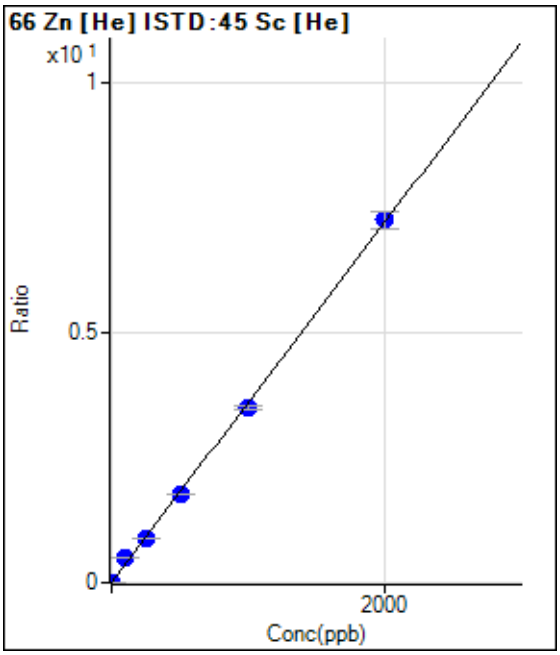
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0054	P	21.9
2	☐	0.200					
3	☐	2.000	1.908	2207.99	0.0821	P	3.6
4	☐	100.000	97.868	107717.81	3.9433	P	1.9
5	☐	250.000	249.057	266323.52	10.0268	P	1.4
6	☐	500.000	494.487	524196.35	19.9023	P	0.8
7	☐	1000.000	987.983	1017293.54	39.7595	P	2.2
8	☐	2000.000	2007.611	2003938.34	80.7869	A	6.3
9	☐			2760.33	0.1102	P	4.4

y = 0.0402 * x + 0.0054
R = 1.0000
DL = 0.08766
BEC = 0.1335

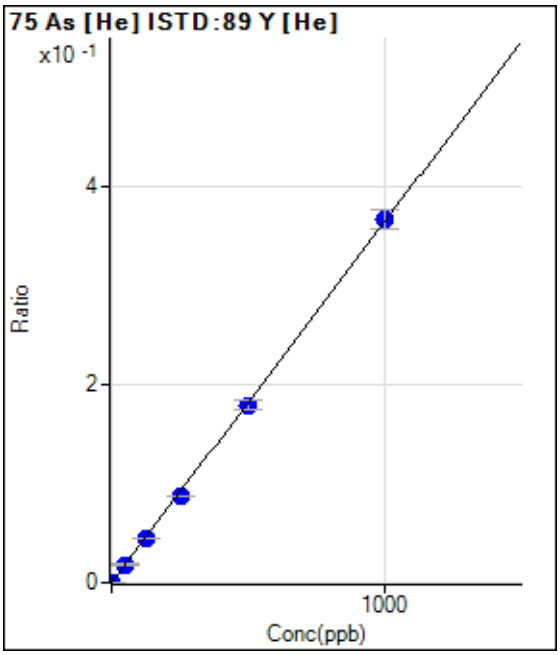
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0009	P	64.5
2	☐	0.200					
3	☐	2.000	1.741	193.34	0.0072	P	15.7
4	☐	100.000	140.991	13879.35	0.5081	P	1.4
5	☐	250.000	248.449	23760.62	0.8946	P	1.6
6	☐	500.000	488.792	46329.45	1.7590	P	1.2
7	☐	1000.000	972.215	89491.97	3.4979	P	2.6
8	☐	2000.000	2014.839	179896.03	7.2480	P	4.8
9	☐			646.70	0.0258	P	6.0

y = 0.0036 * x + 9.3694E-004
R = 0.9996
DL = 0.5041
BEC = 0.2605

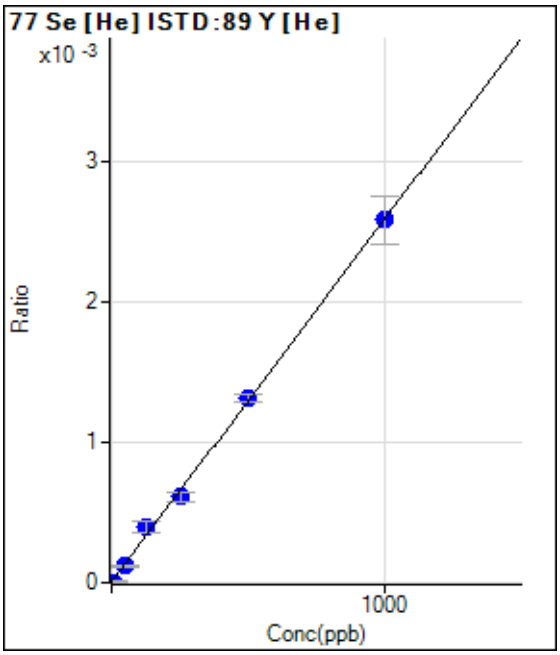
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.7
2	☐	0.100					
3	☐	1.000	1.028	76.54	0.0004	P	11.5
4	☐	50.000	50.125	3565.92	0.0183	P	2.8
5	☐	125.000	122.610	8664.51	0.0446	P	0.6
6	☐	250.000	241.618	16995.10	0.0879	P	0.6
7	☐	500.000	492.905	33337.71	0.1793	P	4.5
8	☐	1000.000	1005.935	66392.39	0.3660	P	5.3
9	☐			29.63	0.0002	P	19.1

y = 3.6381E-004 * x + 1.5679E-005
R = 0.9999
DL = 0.1185
BEC = 0.0431

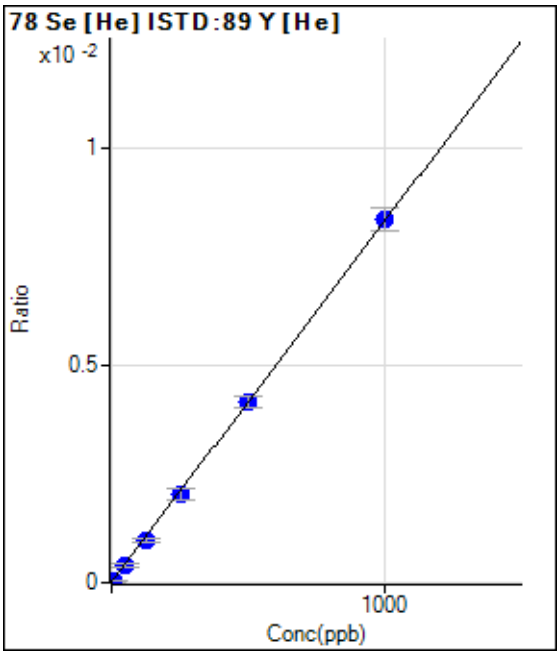
Weight: <None>
Min Conc: 0



	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	0.015	1.11	0.0000	P	173.
4	☐	50.000	44.085	23.33	0.0001	P	13.7
5	☐	125.000	150.788	76.67	0.0004	P	19.5
6	☐	250.000	234.163	117.78	0.0006	P	12.4
7	☐	500.000	504.787	243.34	0.0013	P	4.1
8	☐	1000.000	998.663	467.80	0.0026	P	13.0
9	☐			0.00	0.0000	P	

y = 2.5801E-006 * x + 5.6028E-006
R = 0.9994
DL = 11.28
BEC = 2.172

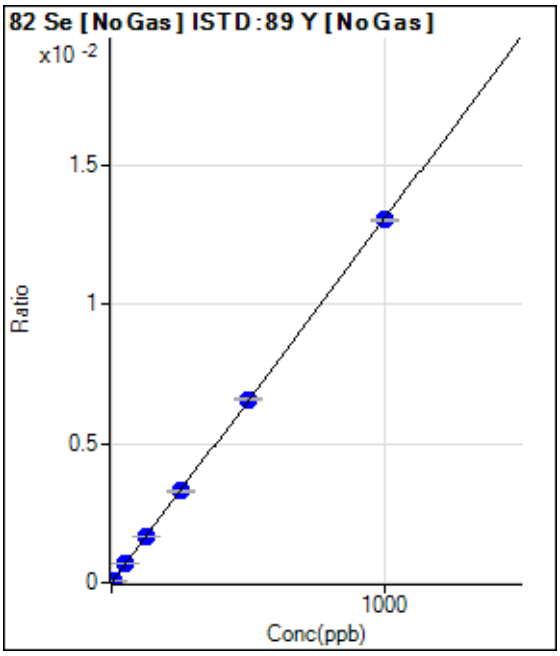
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.8
2	☐	0.500					
3	☐	5.000	3.799	9.87	0.0001	P	54.2
4	☐	50.000	43.718	74.69	0.0004	P	23.0
5	☐	125.000	114.076	187.66	0.0010	P	9.5
6	☐	250.000	242.477	392.60	0.0020	P	14.1
7	☐	500.000	498.145	772.25	0.0042	P	6.1
8	☐	1000.000	1004.494	1516.76	0.0084	P	6.3
9	☐			2.47	0.0000	P	173.

y = 8.3062E-006 * x + 1.8754E-005
R = 0.9999
DL = 3.371
BEC = 2.258

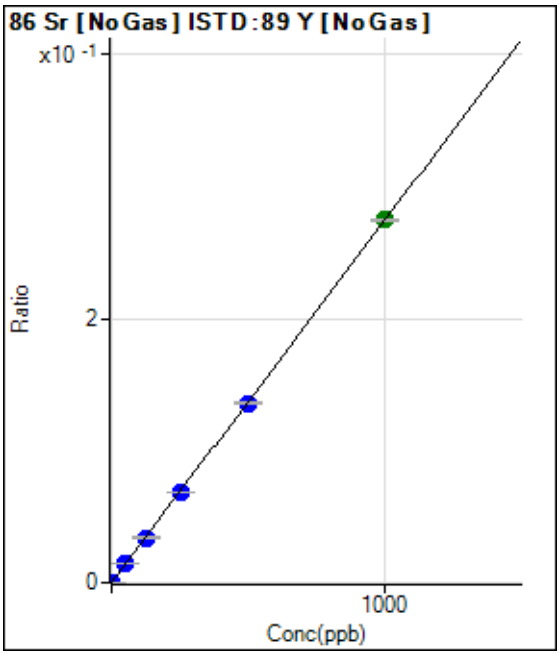
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-25.72	0.0000	P	-76.
2	☐	0.500					
3	☐	5.000	4.915	391.90	0.0001	P	7.3
4	☐	50.000	53.134	4402.25	0.0007	P	7.3
5	☐	125.000	127.595	10904.55	0.0017	P	0.9
6	☐	250.000	252.601	21769.04	0.0033	P	1.7
7	☐	500.000	503.840	43282.41	0.0066	P	1.1
8	☐	1000.000	996.949	85862.61	0.0130	P	0.6
9	☐			29.87	0.0000	P	91.0

y = 1.3064E-005 * x - 3.8958E-006
R = 1.0000
DL = 0.6797
BEC = -0.2982

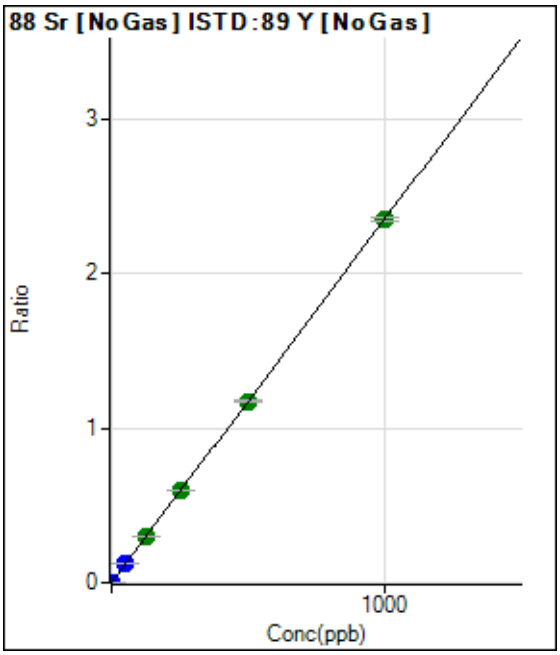
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.948	2072.48	0.0003	P	5.7
4	☐	50.000	51.394	90216.91	0.0141	P	2.0
5	☐	125.000	124.329	223647.38	0.0341	P	1.2
6	☐	250.000	249.383	451467.45	0.0684	P	0.4
7	☐	500.000	496.139	894394.88	0.1359	P	0.9
8	☐	1000.000	1002.099	1810166.23	0.2745	A	0.6
9	☐			60446.08	0.0097	P	1.0

y = 2.7386E-004 * x + 5.9182E-005
R = 1.0000
DL = 0.06377
BEC = 0.2161

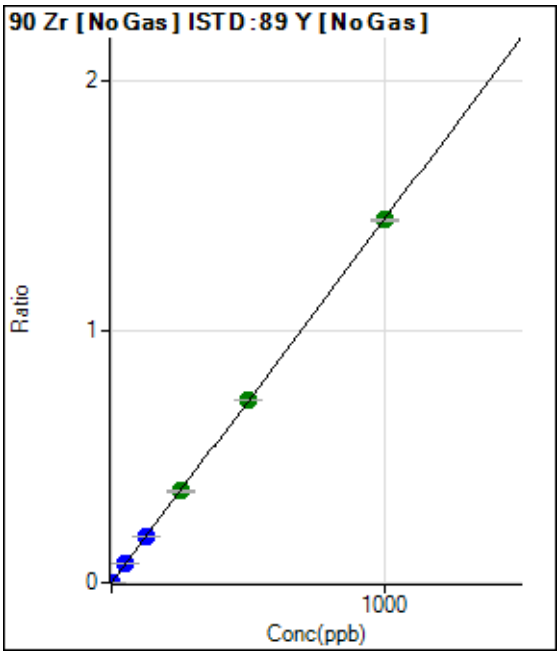
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.00	0.0000	P	29.2
2	☐	0.100					
3	☐	1.000	0.952	14666.81	0.0023	P	1.0
4	☐	50.000	51.961	780252.33	0.1223	P	2.7
5	☐	125.000	127.880	1972646.31	0.3008	A	1.3
6	☐	250.000	253.851	3944198.13	0.5972	A	0.4
7	☐	500.000	499.610	7733197.83	1.1753	A	0.8
8	☐	1000.000	998.774	15493931.42	2.3496	A	1.0
9	☐			517133.68	0.0828	P	0.8

y = 0.0024 * x + 1.8886E-005
R = 1.0000
DL = 0.00703
BEC = 0.008028

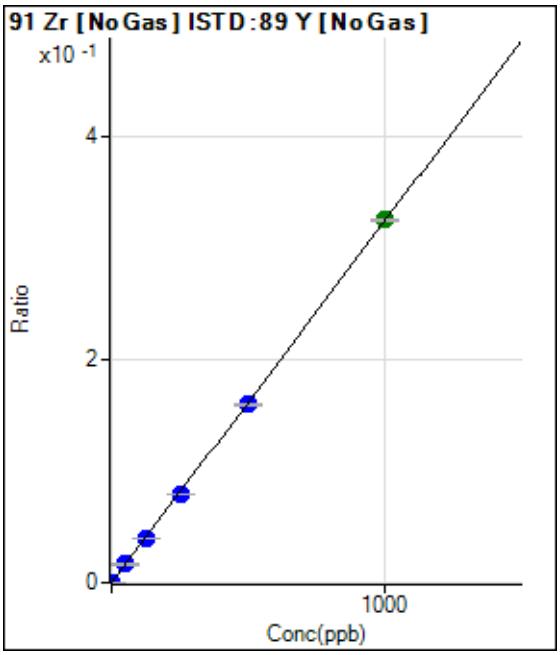
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.977	9517.60	0.0015	P	2.7
4	☐	50.000	51.191	473226.65	0.0742	P	2.9
5	☐	125.000	125.246	1189109.40	0.1813	P	1.3
6	☐	250.000	251.937	2408942.87	0.3647	A	0.9
7	☐	500.000	502.506	4786499.07	0.7275	A	0.4
8	☐	1000.000	998.172	9528736.24	1.4449	A	0.6
9	☐			2430.90	0.0004	P	3.3

y = 0.0014 * x + 5.0753E-005
R = 1.0000
DL = 0.01536
BEC = 0.03506

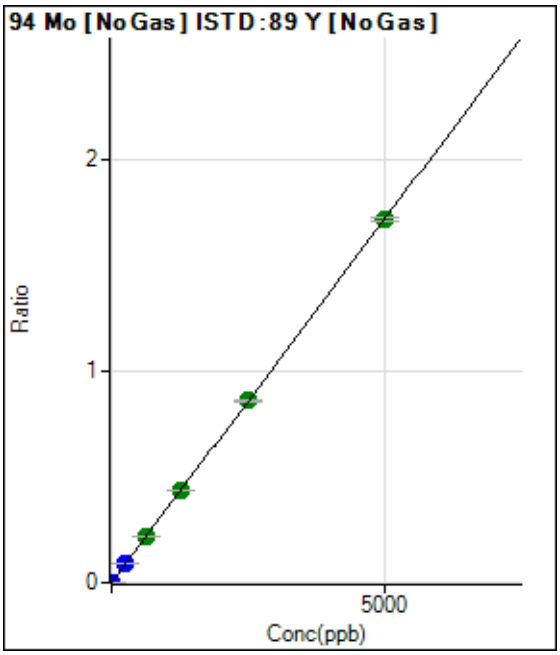
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.0
2	☐	0.100					
3	☐	1.000	0.964	2108.60	0.0003	P	7.5
4	☐	50.000	50.769	104945.00	0.0164	P	2.2
5	☐	125.000	123.686	262532.06	0.0400	P	0.9
6	☐	250.000	246.393	526687.80	0.0797	P	0.4
7	☐	500.000	492.741	1049214.91	0.1595	P	0.8
8	☐	1000.000	1004.657	2143997.18	0.3251	A	0.7
9	☐			622.27	0.0001	P	11.3

y = 3.2360E-004 * x + 1.3004E-005
R = 1.0000
DL = 0.006037
BEC = 0.04019

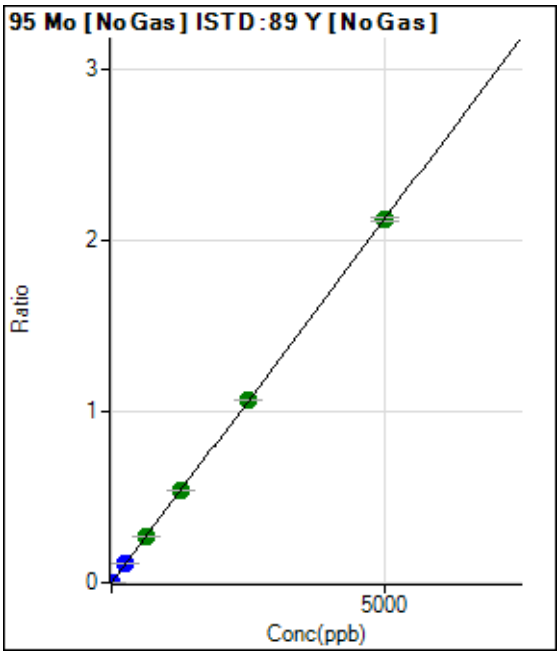
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.46	0.0000	P	12.3
2	☐	0.500					
3	☐	5.000	4.760	10785.38	0.0017	P	3.3
4	☐	250.000	258.435	566734.52	0.0888	P	2.8
5	☐	625.000	635.669	1432009.54	0.2184	A	1.0
6	☐	1250.000	1268.205	2877448.85	0.4357	A	0.6
7	☐	2500.000	2502.234	5655885.67	0.8596	A	0.5
8	☐	5000.000	4992.577	11309710.06	1.7150	A	0.9
9	☐			6543.55	0.0010	P	1.9

y = 3.4351E-004 * x + 2.5591E-005
R = 1.0000
DL = 0.02739
BEC = 0.0745

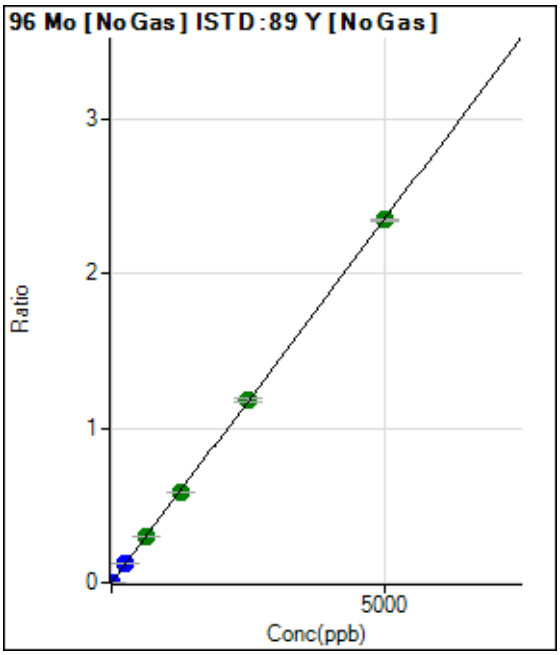
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	4.542	12567.50	0.0019	P	4.1
4	☐	250.000	257.484	696905.77	0.1092	P	2.9
5	☐	625.000	638.631	1775825.17	0.2708	A	1.4
6	☐	1250.000	1263.180	3538003.16	0.5357	A	0.6
7	☐	2500.000	2505.919	6992449.55	1.0627	A	0.4
8	☐	5000.000	4991.668	13959180.00	2.1168	A	0.9
9	☐			10284.87	0.0016	P	3.3

y = 4.2407E-004 * x + 8.8024E-006
R = 1.0000
DL = 0.01502
BEC = 0.02076

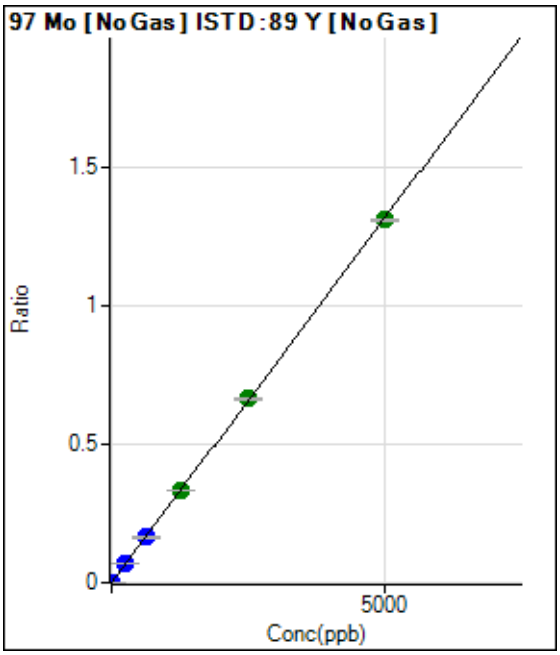
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	0.6
2	☐	0.500					
3	☐	5.000	4.656	14302.62	0.0022	P	4.4
4	☐	250.000	254.923	765895.26	0.1200	P	2.1
5	☐	625.000	632.529	1952026.74	0.2977	A	1.9
6	☐	1250.000	1253.979	3898095.19	0.5902	A	0.1
7	☐	2500.000	2513.809	7784728.91	1.1831	A	1.1
8	☐	5000.000	4990.914	15490365.80	2.3490	A	0.9
9	☐			12503.56	0.0020	P	1.6

y = 4.7065E-004 * x + 1.1328E-005
R = 1.0000
DL = 0.0004432
BEC = 0.02407

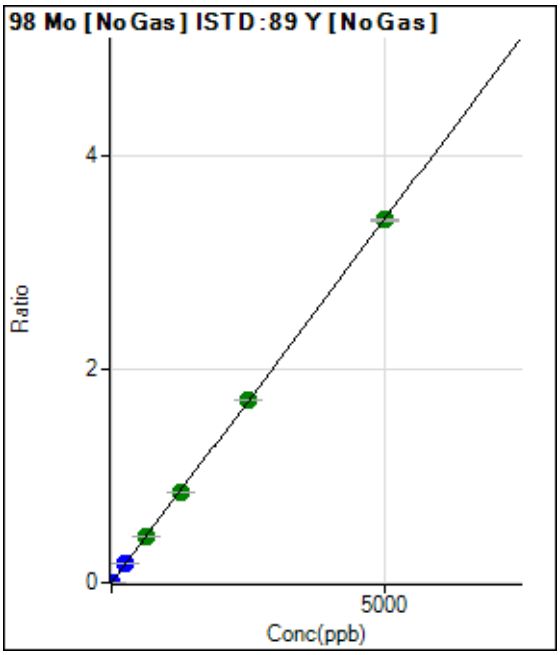
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	63.2
2	☐	0.500					
3	☐	5.000	4.582	7880.40	0.0012	P	2.2
4	☐	250.000	257.709	432647.10	0.0678	P	3.1
5	☐	625.000	624.356	1076877.09	0.1642	P	1.6
6	☐	1250.000	1270.249	2206806.89	0.3341	A	0.7
7	☐	2500.000	2528.994	4377036.73	0.6652	A	0.7
8	☐	5000.000	4980.136	8638544.72	1.3100	A	0.8
9	☐			6248.93	0.0010	P	3.0

y = 2.6304E-004 * x + 7.9521E-006
R = 1.0000
DL = 0.05732
BEC = 0.03023

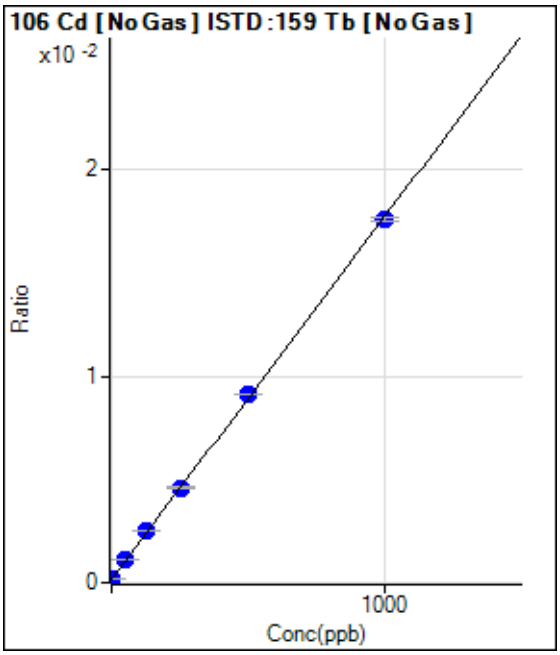
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	4.631	20532.92	0.0032	P	2.8
4	☐	250.000	256.323	1112466.70	0.1743	P	2.8
5	☐	625.000	633.600	2824993.77	0.4309	A	1.8
6	☐	1250.000	1252.244	5623937.67	0.8515	A	0.7
7	☐	2500.000	2510.131	11230936.53	1.7069	A	0.3
8	☐	5000.000	4992.983	22389412.30	3.3952	A	0.7
9	☐			15659.66	0.0025	P	2.7

y = 6.7999E-004 * x + 1.2590E-005
R = 1.0000
DL = 0.00575
BEC = 0.01852

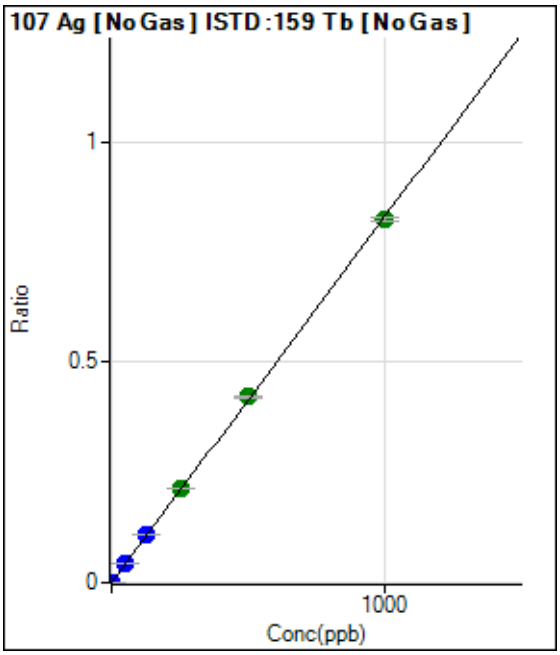
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1244.56	0.0002	P	5.3
2	☐	0.100					
3	☐	1.000	0.862	1336.24	0.0002	P	10.6
4	☐	50.000	53.241	8505.84	0.0011	P	3.3
5	☐	125.000	133.560	19909.89	0.0025	P	2.1
6	☐	250.000	253.577	37737.28	0.0046	P	1.6
7	☐	500.000	511.701	74978.10	0.0091	P	0.7
8	☐	1000.000	992.023	145909.63	0.0176	P	1.2
9	☐			1175.10	0.0001	P	10.6

y = 1.7576E-005 * x + 1.5465E-004
R = 0.9999
DL = 1.404
BEC = 8.799

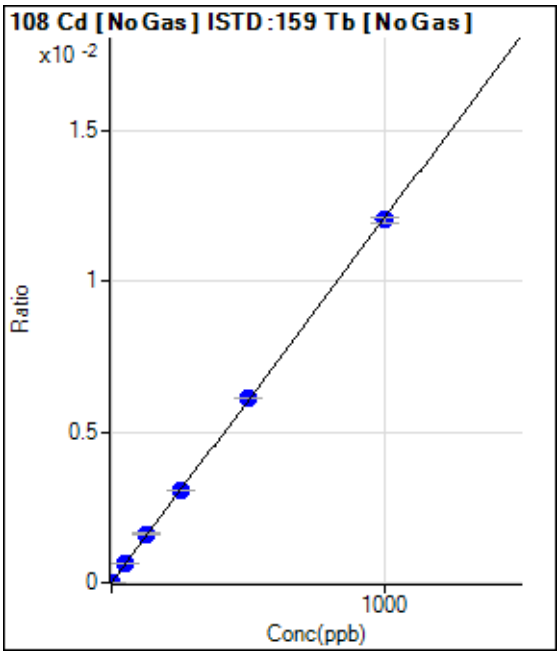
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	33.9
2	☐	0.100					
3	☐	1.000	1.035	6813.14	0.0009	P	6.0
4	☐	50.000	53.417	345596.36	0.0443	P	2.8
5	☐	125.000	131.449	867409.45	0.1090	P	0.9
6	☐	250.000	258.468	1753916.29	0.2143	A	1.2
7	☐	500.000	508.416	3455169.61	0.4216	A	0.8
8	☐	1000.000	992.698	6827691.65	0.8232	A	1.0
9	☐			588.93	0.0001	P	16.5

y = 8.2921E-004 * x + 8.3012E-006
R = 0.9999
DL = 0.01017
BEC = 0.01001

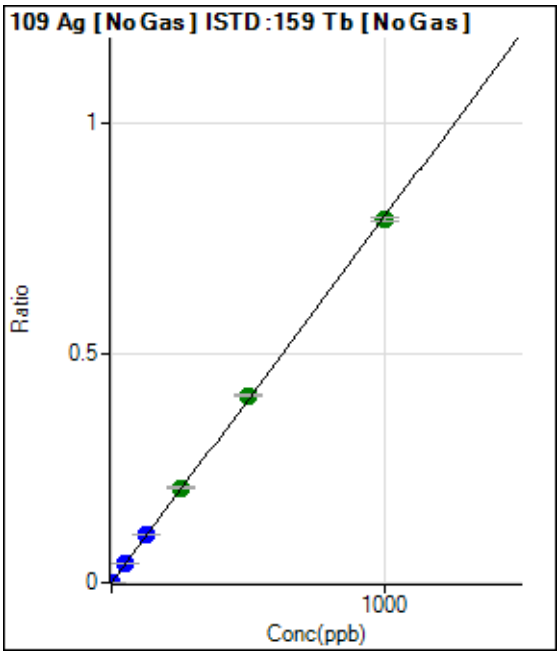
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	88.8
2	☐	0.100					
3	☐	1.000	0.954	102.78	0.0000	P	19.1
4	☐	50.000	52.565	4966.29	0.0006	P	2.5
5	☐	125.000	133.623	12856.35	0.0016	P	2.1
6	☐	250.000	254.200	25141.85	0.0031	P	0.8
7	☐	500.000	505.897	50098.45	0.0061	P	0.7
8	☐	1000.000	994.795	99688.27	0.0120	P	1.9
9	☐			33.33	0.0000	P	50.8

y = 1.2080E-005 * x + 1.5608E-006
R = 0.9999
DL = 0.3443
BEC = 0.1292

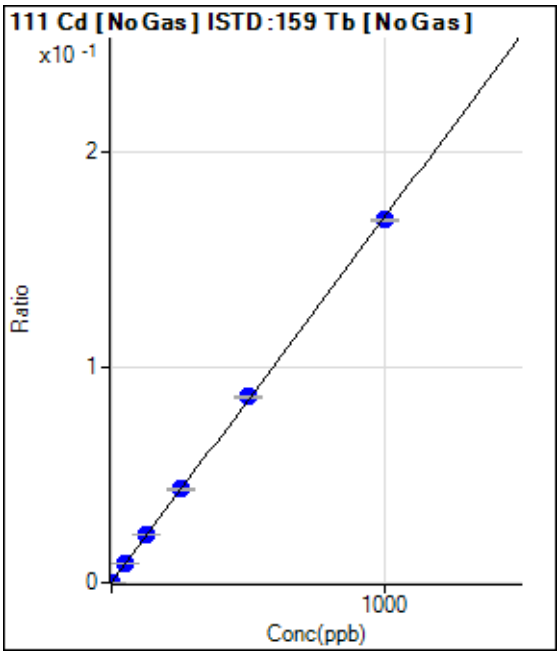
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.989	6290.62	0.0008	P	4.0
4	☐	50.000	53.123	330710.45	0.0424	P	3.1
5	☐	125.000	130.952	831489.17	0.1045	P	1.3
6	☐	250.000	259.284	1693013.69	0.2069	A	1.0
7	☐	500.000	511.890	3347409.84	0.4084	A	0.7
8	☐	1000.000	990.834	6557270.28	0.7906	A	1.1
9	☐			550.04	0.0001	P	17.3

y = 7.9788E-004 * x + 1.0363E-005
R = 0.9998
DL = 0.008031
BEC = 0.01299

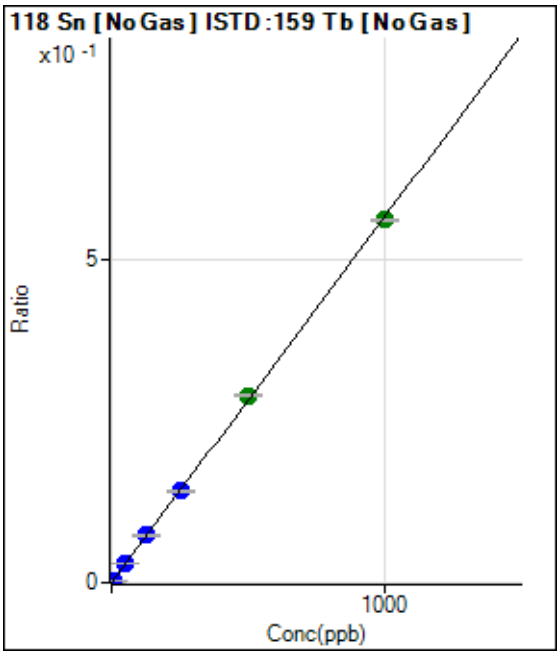
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	884.66	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	0.962	2145.46	0.0003	P	7.8
4	☐	50.000	53.567	71534.50	0.0092	P	3.2
5	☐	125.000	131.831	178326.43	0.0224	P	0.3
6	☐	250.000	256.286	355640.84	0.0435	P	1.3
7	☐	500.000	508.465	705782.65	0.0861	P	0.4
8	☐	1000.000	993.164	1394317.03	0.1681	P	0.8
9	☐			1028.42	0.0001	P	8.2

y = 1.6915E-004 * x + 1.0994E-004
R = 0.9999
DL = 0.1268
BEC = 0.6499

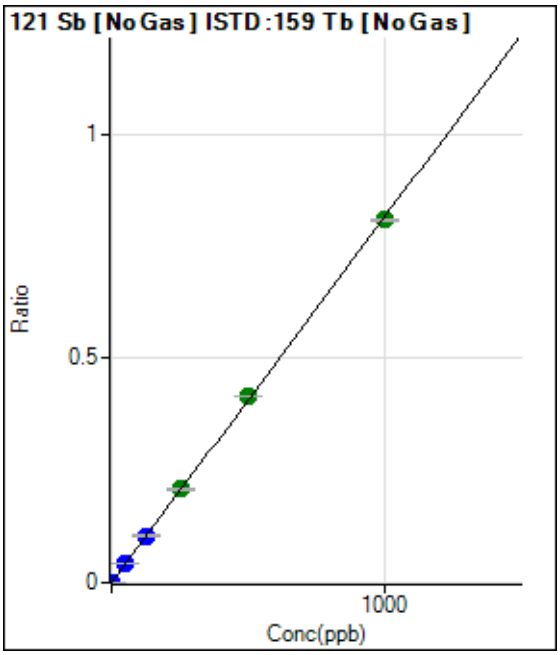
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1031.96	0.0001	P	48.6
2	☐	0.500					
3	☐	5.000	4.671	21746.35	0.0028	P	0.3
4	☐	50.000	52.323	231307.08	0.0297	P	3.9
5	☐	125.000	129.175	581127.20	0.0730	P	1.0
6	☐	250.000	251.243	1161326.05	0.1419	P	1.3
7	☐	500.000	512.603	2371958.75	0.2894	A	1.0
8	☐	1000.000	992.751	4648192.90	0.5604	A	0.6
9	☐			5304.08	0.0007	P	6.8

y = 5.6435E-004 * x + 1.2838E-004
R = 0.9999
DL = 0.3318
BEC = 0.2275

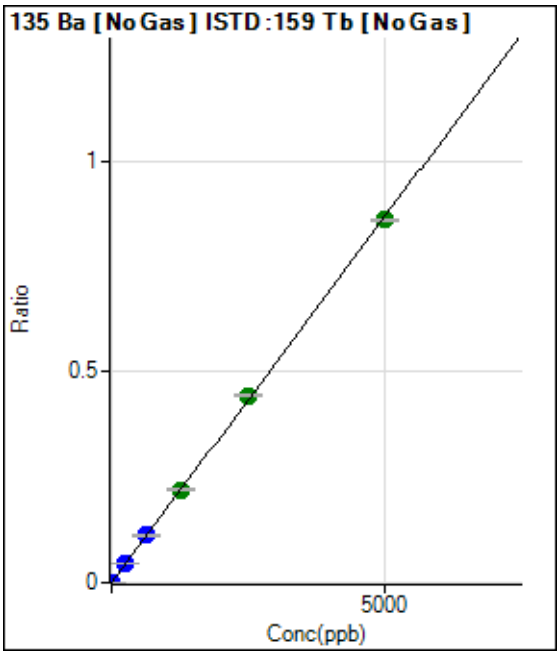
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	36.3
2	☐	0.200					
3	☐	2.000	1.917	12389.62	0.0016	P	4.0
4	☐	50.000	52.410	333262.41	0.0427	P	3.0
5	☐	125.000	128.899	835966.26	0.1051	P	0.8
6	☐	250.000	256.215	1708724.62	0.2088	A	1.0
7	☐	500.000	510.104	3406972.47	0.4157	A	0.2
8	☐	1000.000	992.786	6710525.76	0.8090	A	0.8
9	☐			9059.05	0.0011	P	1.3

y = 8.1491E-004 * x + 1.3084E-005
R = 0.9999
DL = 0.01747
BEC = 0.01606

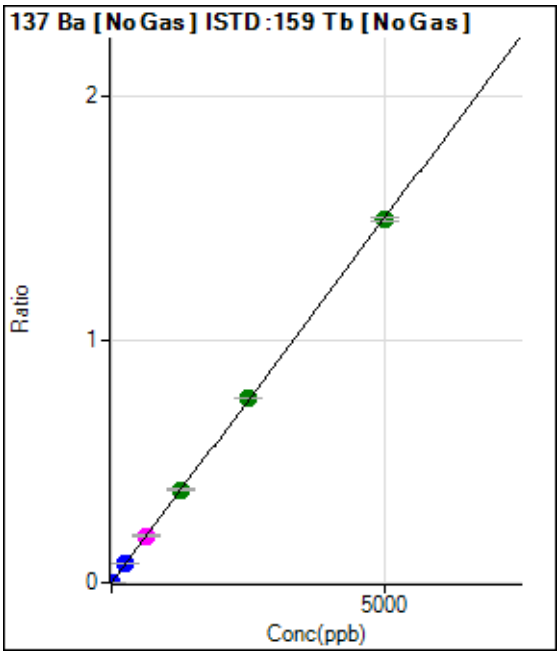
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.6
2	☐	1.000					
3	☐	10.000	9.620	13157.04	0.0017	P	2.9
4	☐	250.000	260.476	352190.06	0.0451	P	2.9
5	☐	625.000	644.984	889552.88	0.1118	P	0.6
6	☐	1250.000	1272.289	1804452.58	0.2205	A	0.8
7	☐	2500.000	2559.958	3636219.53	0.4437	A	0.4
8	☐	5000.000	4961.428	7132196.78	0.8599	A	0.7
9	☐			1944.68	0.0002	P	7.5

y = 1.7331E-004 * x + 5.5315E-006
R = 0.9999
DL = 0.02831
BEC = 0.03192

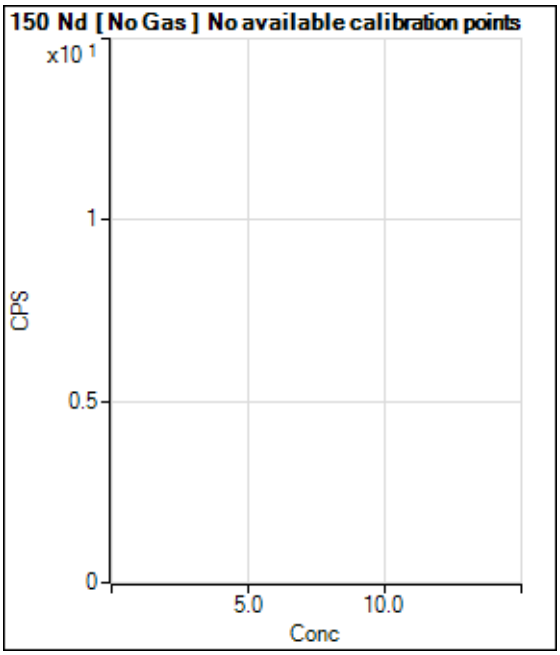
Weight: <None>
Min Conc: 0



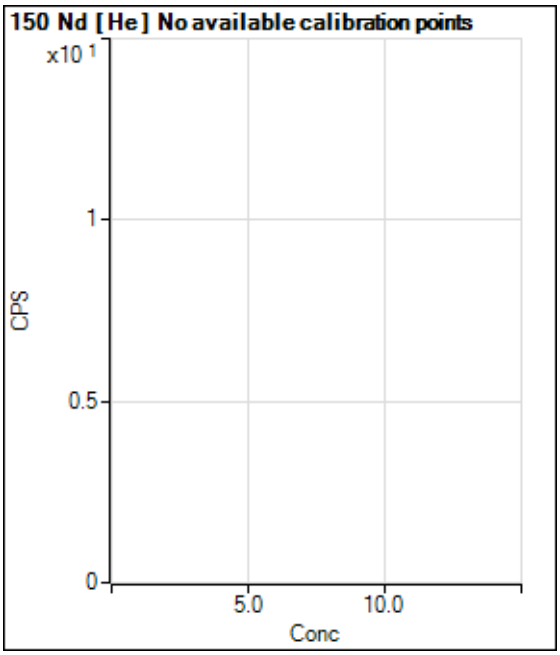
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.2
2	☐	1.000					
3	☐	10.000	9.561	22628.57	0.0029	P	0.6
4	☐	250.000	261.959	613597.27	0.0787	P	3.1
5	☐	625.000	645.628	1542712.94	0.1939	M	0.6
6	☐	1250.000	1275.065	3132945.49	0.3829	A	1.6
7	☐	2500.000	2530.935	6228294.24	0.7599	A	0.4
8	☐	5000.000	4975.091	12390451.41	1.4938	A	0.9
9	☐			3322.79	0.0004	P	3.5

y = 3.0026E-004 * x + 5.8676E-006
R = 1.0000
DL = 0.01595
BEC = 0.01954

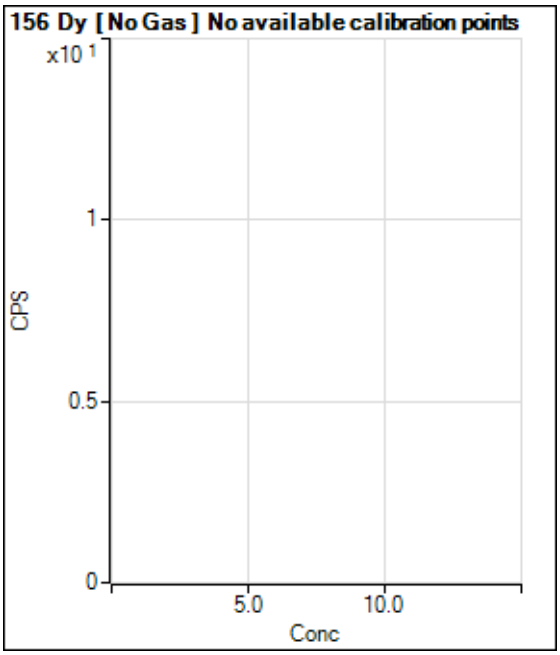
Weight: <None>
Min Conc: 0



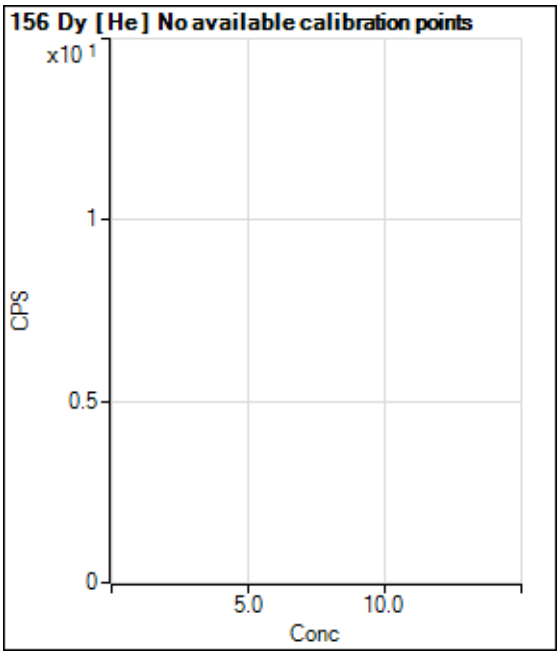
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			22.22		P	45.8
4	☐			15.56		P	65.5
5	☐			40.00		P	16.7
6	☐			62.23		P	22.3
7	☐			173.34		P	0.0
8	☐			360.02		P	22.5
9	☐			77.78		P	17.8



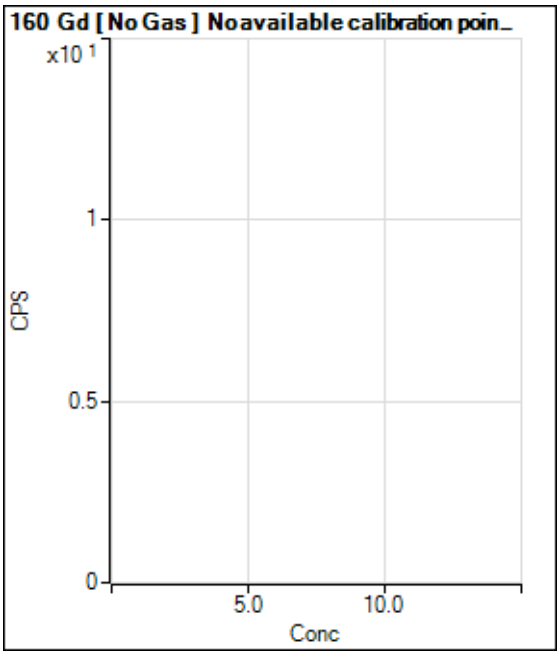
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			0.00		P	
6	☐			0.00		P	
7	☐			1.11		P	173.
8	☐			23.33		P	42.9
9	☐			5.56		P	91.6



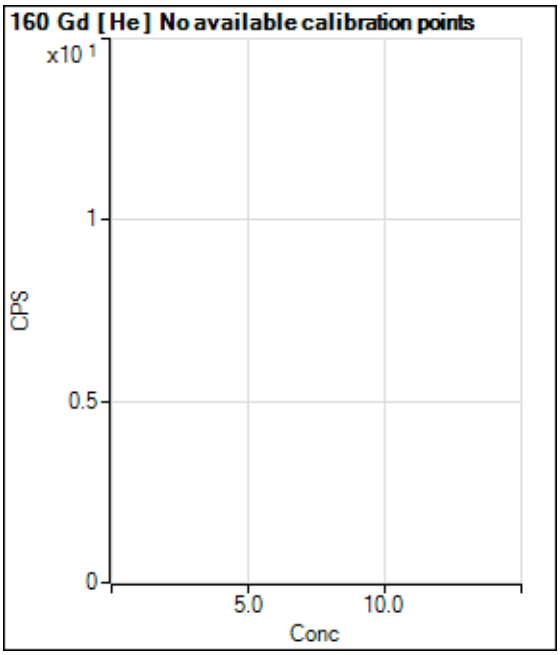
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			5.55		P	86.6
4	☐			13.89		P	34.7
5	☐			19.44		P	65.5
6	☐			27.78		P	34.6
7	☐			30.56		P	110.
8	☐			138.90		P	34.6
9	☐			58.33		P	37.8



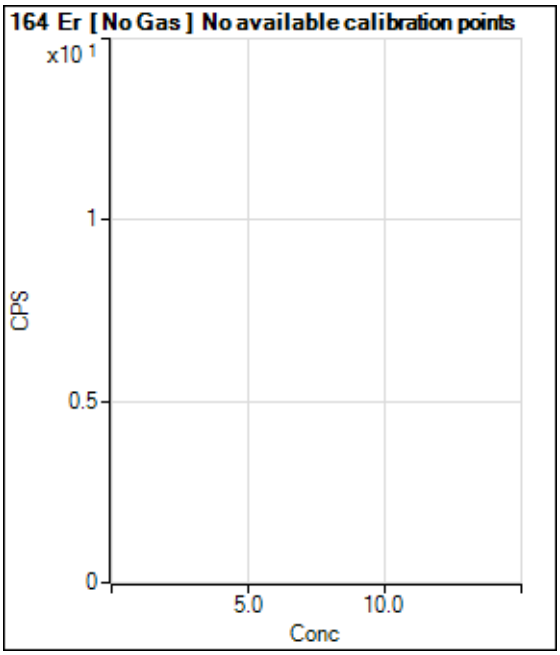
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			0.00		P	
8	☐			25.55		P	15.1
9	☐			11.11		P	62.5



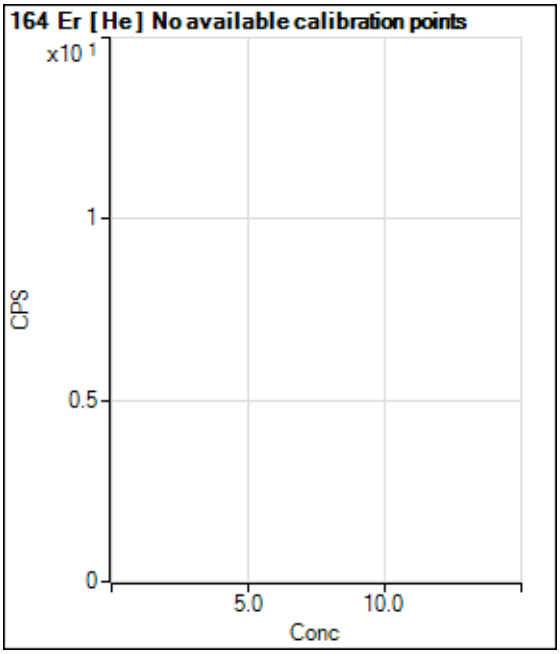
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			19.44		P	89.2
2	☐						
3	☐			36.11		P	35.3
4	☐			44.45		P	57.3
5	☐			47.22		P	53.9
6	☐			44.45		P	28.7
7	☐			30.56		P	68.6
8	☐			141.67		P	25.6
9	☐			66.67		P	37.5



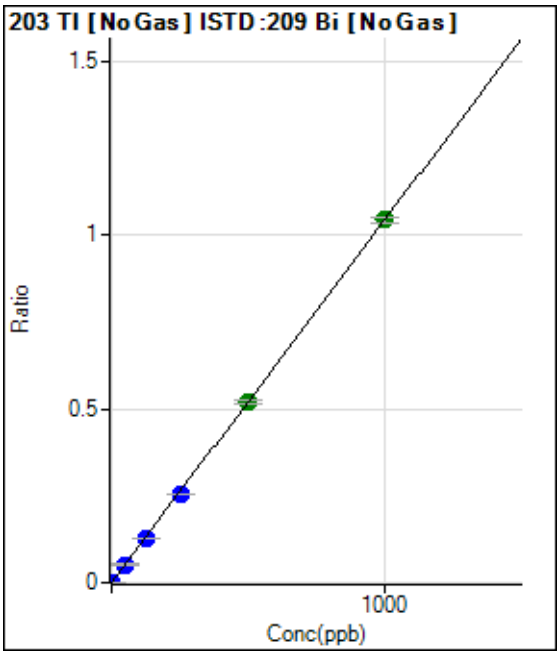
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	57.3
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			4.44		P	43.4
7	☐			1.11		P	173.
8	☐			16.67		P	60.0
9	☐			5.55		P	69.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			27.78		P	69.3
2	☐						
3	☐			50.00		P	44.1
4	☐			36.11		P	26.7
5	☐			30.55		P	68.6
6	☐			27.78		P	45.8
7	☐			16.67		P	50.0
8	☐			69.45		P	79.9
9	☐			30.56		P	31.5



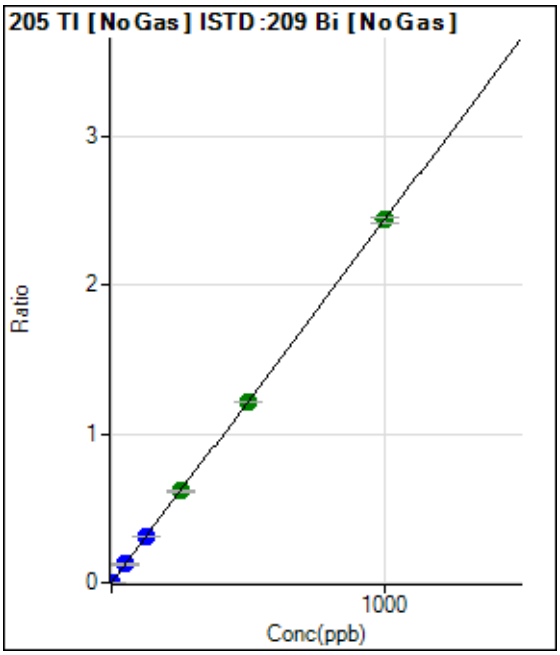
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			3.33		P	100.
4	☐			5.56		P	34.7
5	☐			11.11		P	34.6
6	☐			4.44		P	114.
7	☐			5.55		P	69.3
8	☐			6.67		P	50.0
9	☐			11.11		P	34.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.978	5081.81	0.0010	P	3.2
4	☐	50.000	50.110	253552.30	0.0522	P	3.3
5	☐	125.000	123.082	644776.91	0.1282	P	0.4
6	☐	250.000	245.389	1302113.14	0.2556	P	0.9
7	☐	500.000	500.150	2666171.93	0.5209	A	1.8
8	☐	1000.000	1001.312	5297738.14	1.0429	A	1.5
9	☐			3264.46	0.0007	P	5.7

y = 0.0010 * x + 2.0033E-005
R = 1.0000
DL = 0.008369
BEC = 0.01924

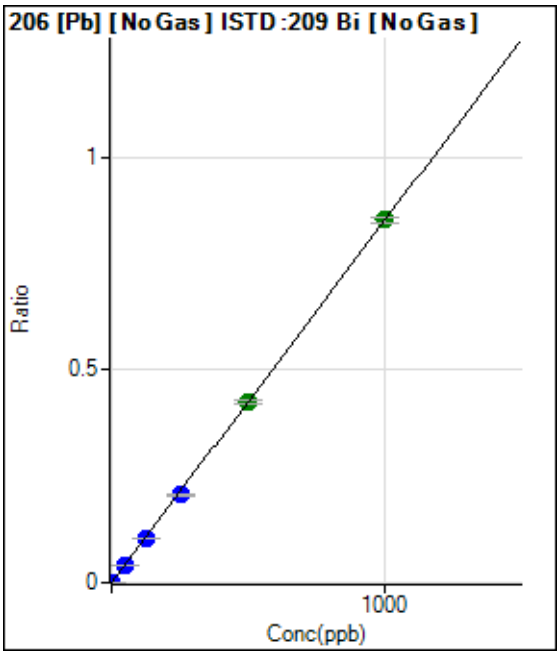
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0001	P	18.1
2	☐	0.100					
3	☐	1.000	0.960	11744.77	0.0024	P	3.7
4	☐	50.000	50.801	602146.84	0.1240	P	3.0
5	☐	125.000	125.449	1539250.99	0.3061	P	0.2
6	☐	250.000	251.886	3130357.60	0.6145	A	1.5
7	☐	500.000	498.592	6225636.42	1.2163	A	0.3
8	☐	1000.000	1000.136	12393255.66	2.4397	A	1.3
9	☐			7633.21	0.0016	P	7.6

y = 0.0024 * x + 6.0090E-005
R = 1.0000
DL = 0.01341
BEC = 0.02463

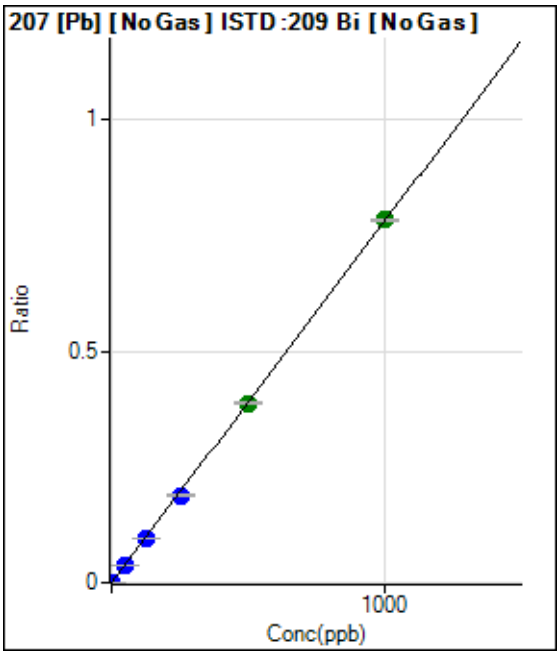
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	303.72	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.964	4310.12	0.0009	P	8.0
4	☐	50.000	49.692	205664.57	0.0423	P	2.8
5	☐	125.000	122.008	522417.41	0.1039	P	0.5
6	☐	250.000	242.331	1050771.59	0.2063	P	1.4
7	☐	500.000	499.444	2175559.35	0.4251	A	1.2
8	☐	1000.000	1002.585	4333916.10	0.8532	A	1.5
9	☐			8560.57	0.0018	P	1.3

y = 8.5093E-004 * x + 6.0838E-005
R = 1.0000
DL = 0.03525
BEC = 0.0715

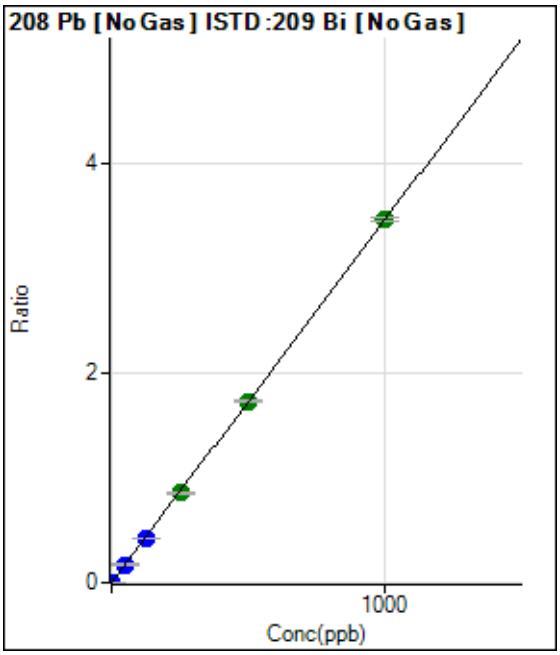
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.38	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.897	3689.55	0.0008	P	5.4
4	☐	50.000	49.414	187535.35	0.0386	P	2.5
5	☐	125.000	120.640	473667.18	0.0942	P	0.5
6	☐	250.000	241.244	959198.75	0.1883	P	1.1
7	☐	500.000	497.355	1986535.39	0.3881	A	1.4
8	☐	1000.000	1004.086	3980153.48	0.7835	A	0.8
9	☐			7432.04	0.0016	P	4.9

y = 7.8026E-004 * x + 5.4156E-005
R = 0.9999
DL = 0.02833
BEC = 0.06941

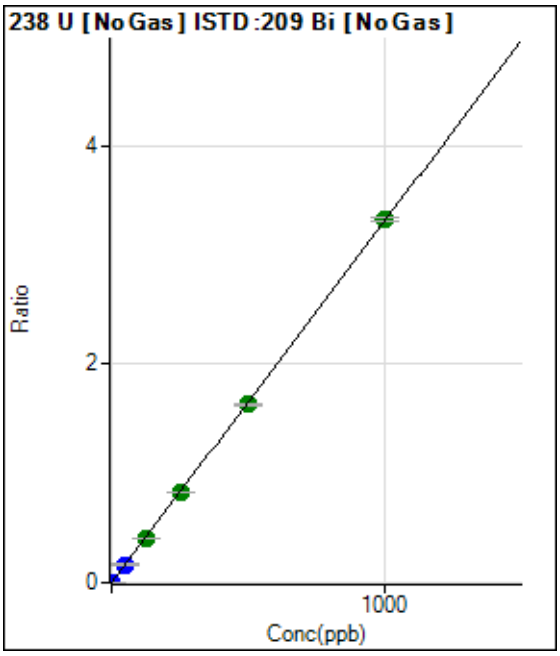
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1133.39	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.936	16934.61	0.0035	P	0.1
4	☐	50.000	49.979	839941.51	0.1729	P	2.8
5	☐	125.000	122.257	2125824.88	0.4227	P	0.1
6	☐	250.000	246.800	4345880.41	0.8531	A	1.3
7	☐	500.000	499.441	8834920.54	1.7261	A	1.1
8	☐	1000.000	1001.423	17580625.11	3.4608	A	0.9
9	☐			33877.88	0.0072	P	1.0

y = 0.0035 * x + 2.2703E-004
R = 1.0000
DL = 0.004363
BEC = 0.0657

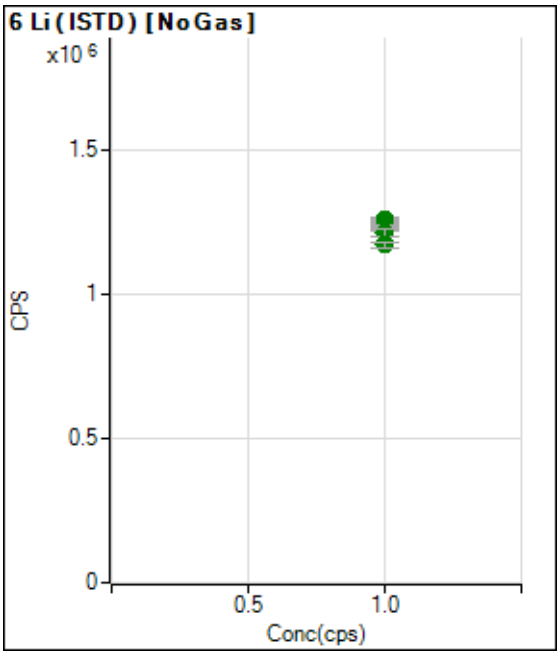
Weight: <None>
Min Conc: 0



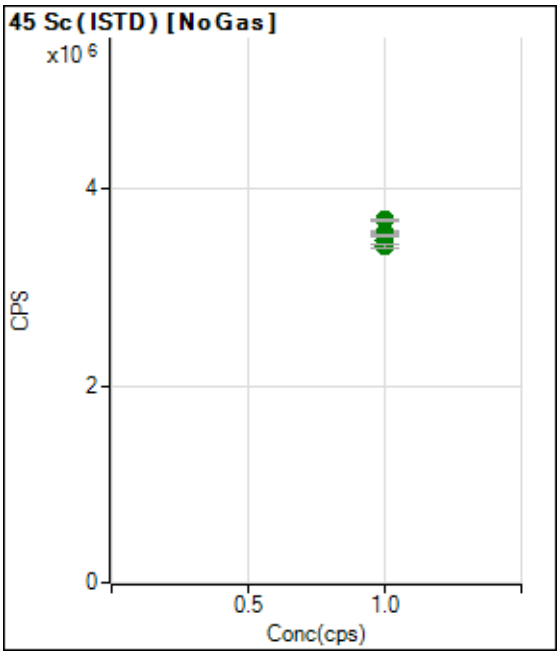
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.913	14837.28	0.0030	P	4.9
4	☐	50.000	49.878	801060.24	0.1649	P	2.8
5	☐	125.000	124.280	2066631.06	0.4109	A	0.8
6	☐	250.000	249.095	4195956.73	0.8236	A	0.9
7	☐	500.000	493.152	8346172.41	1.6306	A	0.7
8	☐	1000.000	1003.746	16859061.49	3.3188	A	1.1
9	☐			1247.35	0.0003	P	12.0

y = 0.0033 * x + 1.7249E-005
R = 1.0000
DL = 0.002317
BEC = 0.005217

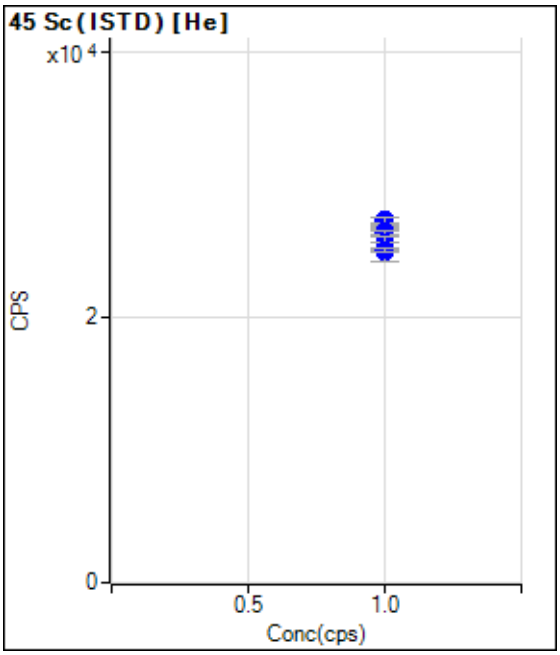
Weight: <None>
Min Conc: 0



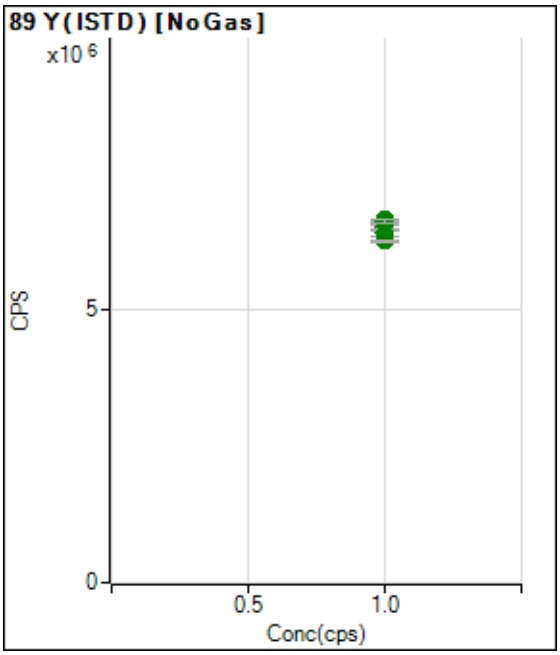
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1260204.96		A	1.0
2	☐	1.000					
3	☐	1.000		1245619.56		A	1.4
4	☐	1.000		1234439.09		A	2.2
5	☐	1.000		1259192.12		A	0.4
6	☐	1.000		1251998.98		A	0.6
7	☐	1.000		1241839.33		A	0.6
8	☐	1.000		1213390.39		A	2.2
9	☐	1.000		1173795.29		A	1.6



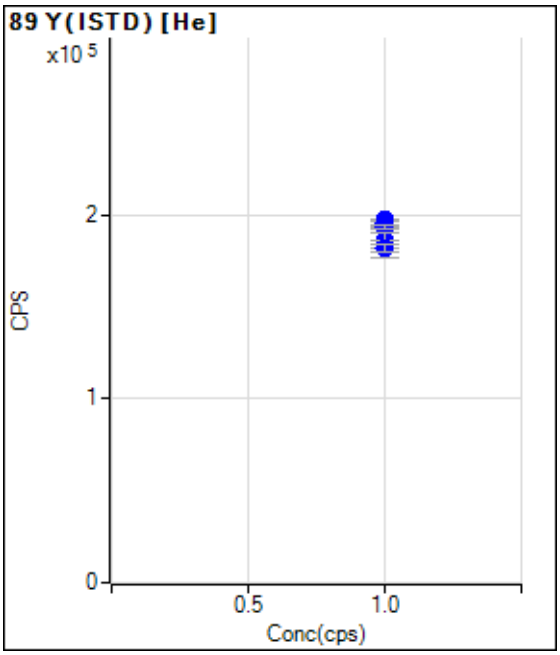
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3686846.83		A	0.5
2	☐	1.000					
3	☐	1.000		3554797.26		A	1.4
4	☐	1.000		3484702.16		A	2.3
5	☐	1.000		3561253.98		A	0.4
6	☐	1.000		3546096.43		A	0.2
7	☐	1.000		3532390.49		A	0.6
8	☐	1.000		3525090.05		A	0.8
9	☐	1.000		3421563.79		A	1.2



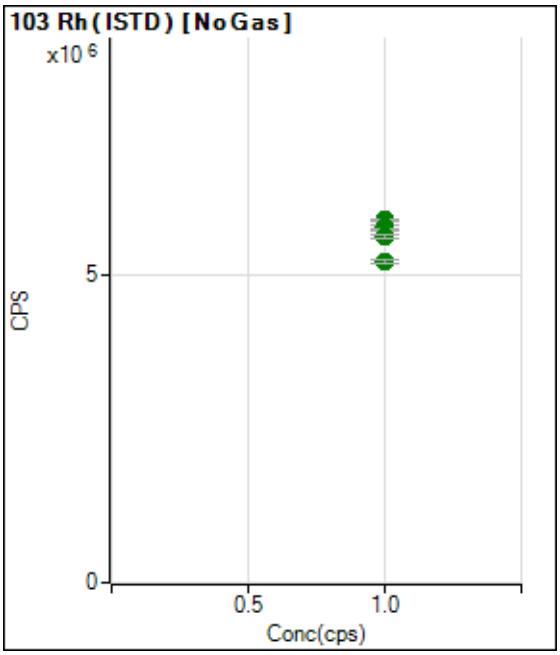
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27281.12		P	1.3
2	☐	1.000					
3	☐	1.000		26882.55		P	0.8
4	☐	1.000		27322.32		P	1.8
5	☐	1.000		26563.11		P	0.8
6	☐	1.000		26339.28		P	0.8
7	☐	1.000		25601.33		P	4.1
8	☐	1.000		24865.64		P	5.7
9	☐	1.000		25045.87		P	1.5



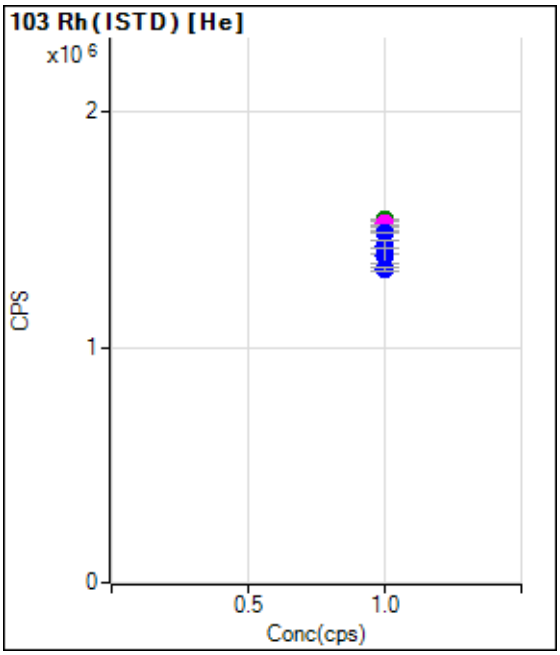
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6620995.74		A	0.6
2	☐	1.000					
3	☐	1.000		6496638.10		A	1.9
4	☐	1.000		6385224.70		A	2.7
5	☐	1.000		6557544.76		A	1.1
6	☐	1.000		6604699.69		A	0.5
7	☐	1.000		6579899.90		A	0.7
8	☐	1.000		6594705.25		A	0.7
9	☐	1.000		6242638.10		A	0.5



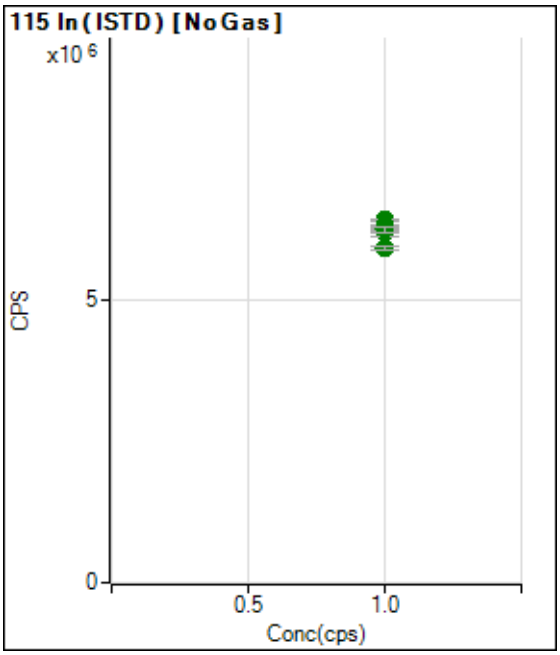
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		197271.89		P	0.4
2	☐	1.000					
3	☐	1.000		196370.53		P	0.2
4	☐	1.000		195390.22		P	0.8
5	☐	1.000		194175.46		P	0.4
6	☐	1.000		193307.70		P	1.0
7	☐	1.000		186144.41		P	4.7
8	☐	1.000		181738.95		P	5.2
9	☐	1.000		181822.58		P	2.4



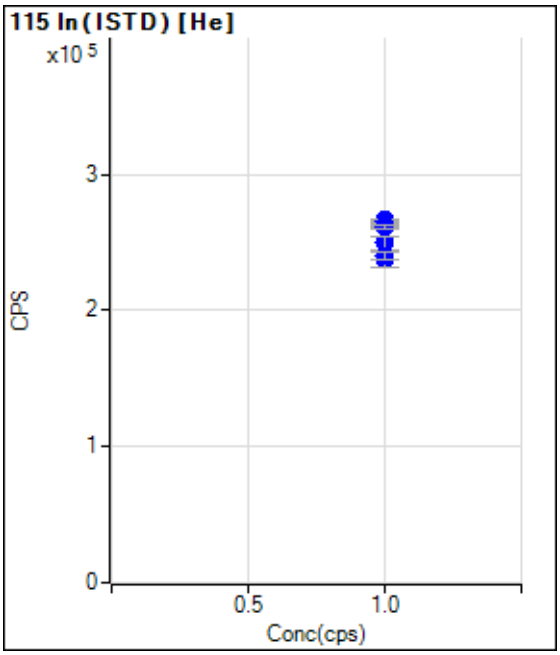
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5897890.50		A	0.7
2	☐	1.000					
3	☐	1.000		5781489.28		A	1.4
4	☐	1.000		5673131.12		A	2.5
5	☐	1.000		5755325.87		A	0.3
6	☐	1.000		5754009.63		A	0.3
7	☐	1.000		5737589.23		A	1.0
8	☐	1.000		5636870.83		A	1.3
9	☐	1.000		5219834.62		A	0.7



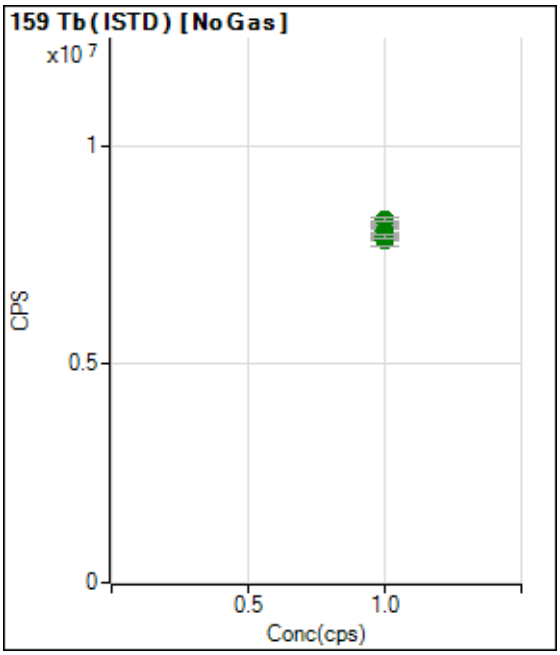
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1540540.34		A	0.3
2	☐	1.000					
3	☐	1.000		1527629.73		M	1.0
4	☐	1.000		1516119.42		M	0.5
5	☐	1.000		1488293.26		M	0.3
6	☐	1.000		1487272.31		P	0.3
7	☐	1.000		1425761.37		P	4.3
8	☐	1.000		1384505.54		P	4.7
9	☐	1.000		1330041.91		P	1.3



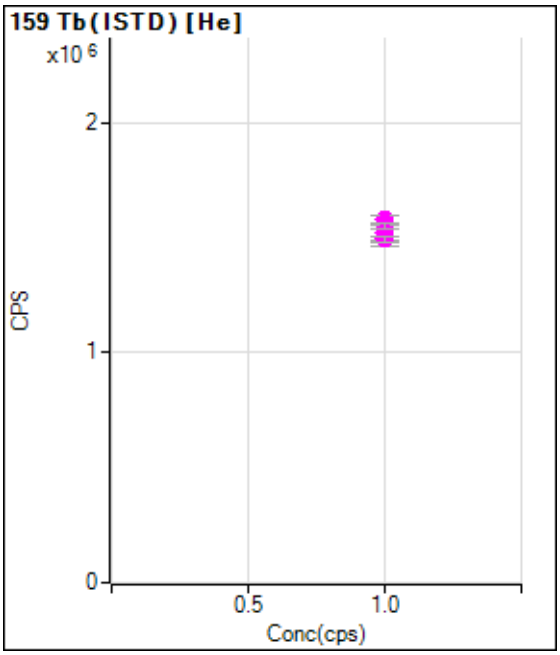
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6419033.22		A	0.5
2	☐	1.000					
3	☐	1.000		6282511.02		A	1.5
4	☐	1.000		6180919.98		A	1.7
5	☐	1.000		6287977.90		A	0.7
6	☐	1.000		6341558.57		A	1.5
7	☐	1.000		6323484.00		A	0.5
8	☐	1.000		6245505.30		A	1.2
9	☐	1.000		5910401.03		A	1.0



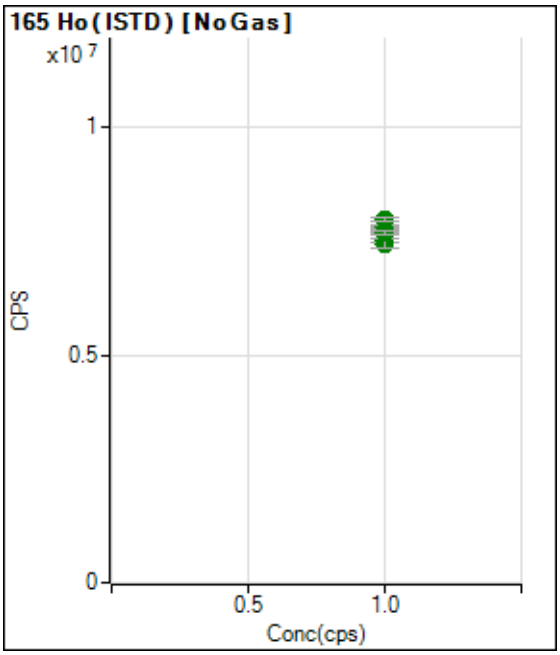
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		266089.21		P	0.5
2	☐	1.000					
3	☐	1.000		266396.26		P	0.9
4	☐	1.000		265571.80		P	0.8
5	☐	1.000		262186.42		P	0.3
6	☐	1.000		260927.42		P	0.8
7	☐	1.000		249552.96		P	4.2
8	☐	1.000		237820.11		P	5.0
9	☐	1.000		240148.80		P	2.3



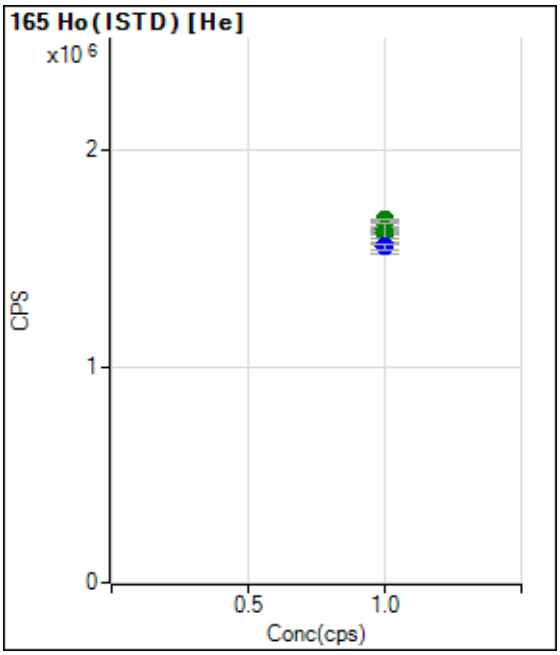
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8050161.82		A	1.0
2	☐	1.000					
3	☐	1.000		7866368.84		A	0.9
4	☐	1.000		7805462.04		A	3.1
5	☐	1.000		7957869.12		A	0.9
6	☐	1.000		8183690.57		A	0.9
7	☐	1.000		8195738.35		A	0.4
8	☐	1.000		8294839.39		A	1.0
9	☐	1.000		7926079.39		A	0.9



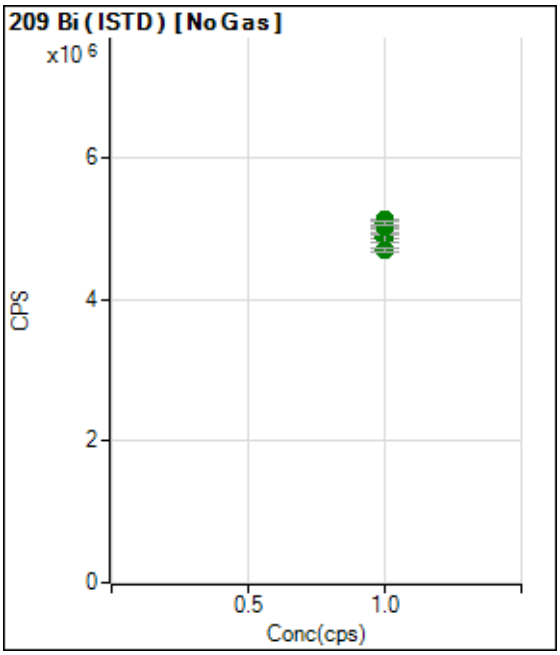
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1578302.91		M	2.4
2	☐	1.000					
3	☐	1.000		1554989.25		M	1.5
4	☐	1.000		1561314.23		P	0.3
5	☐	1.000		1561329.72		P	0.3
6	☐	1.000		1561234.87		M	0.7
7	☐	1.000		1525683.83		M	5.3
8	☐	1.000		1500075.45		P	5.1
9	☐	1.000		1494843.22		M	1.6



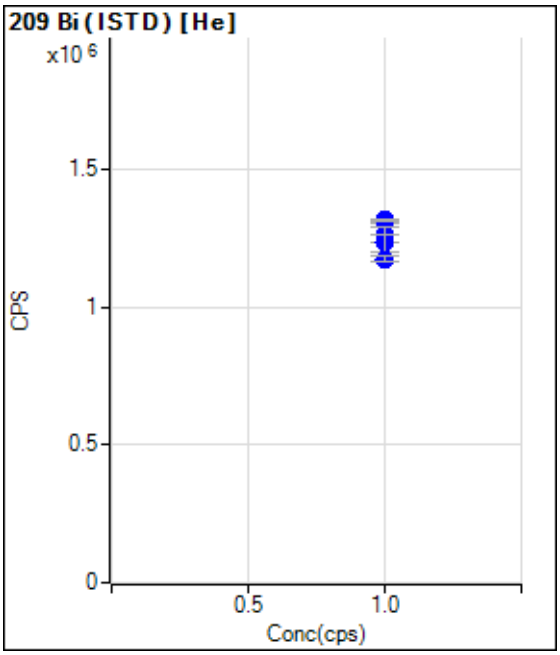
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7774207.03		A	1.1
2	☐	1.000					
3	☐	1.000		7524864.32		A	1.4
4	☐	1.000		7448516.05		A	2.5
5	☐	1.000		7715241.84		A	0.7
6	☐	1.000		7814472.05		A	1.2
7	☐	1.000		7858239.85		A	0.3
8	☐	1.000		7969454.17		A	1.2
9	☐	1.000		7685614.06		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1680430.27		A	0.2
2	☐	1.000					
3	☐	1.000		1623008.08		A	0.9
4	☐	1.000		1631119.91		M	1.0
5	☐	1.000		1629062.56		M	0.5
6	☐	1.000		1635543.34		A	1.3
7	☐	1.000		1621393.08		A	5.2
8	☐	1.000		1558170.46		A	4.6
9	☐	1.000		1555710.24		P	1.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4992375.45		A	0.1
2	☐	1.000					
3	☐	1.000		4892031.84		A	1.7
4	☐	1.000		4859127.01		A	2.5
5	☐	1.000		5029042.56		A	0.4
6	☐	1.000		5094879.51		A	1.5
7	☐	1.000		5118606.70		A	0.8
8	☐	1.000		5080221.49		A	1.1
9	☐	1.000		4693873.85		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1317021.76		P	0.6
2	☐	1.000					
3	☐	1.000		1309456.81		P	0.5
4	☐	1.000		1318965.21		P	0.1
5	☐	1.000		1316186.56		P	0.2
6	☐	1.000		1315690.05		P	0.4
7	☐	1.000		1266942.74		P	4.2
8	☐	1.000		1236895.66		P	5.0
9	☐	1.000		1175500.47		P	1.7

US EPA Tune Check Sample Report

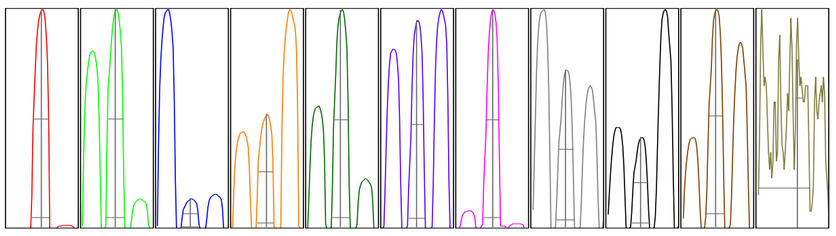
Batch Folder D:\P8020818-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5285	0.77	5.00	
24	54375	0.46	5.00	
25	7337	0.73	5.00	
26	8397	0.73	5.00	
59	53373	0.45	5.00	
113	7318	0.50	5.00	
115	96903	0.57	5.00	
206	22148	0.77	5.00	
207	19924	0.59	5.00	
208	47796	0.62	5.00	
220	1	14.92		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5331	5288	5224	5311	5271
24	54602	54361	54004	54614	54295
25	7401	7283	7311	7389	7300
26	8418	8423	8300	8463	8382
59	53591	53309	53080	53651	53233
113	7375	7299	7277	7320	7321
115	97587	96592	96196	97297	96840
206	22236	22120	21864	22233	22288
207	19976	19952	19748	20062	19885
208	48047	47863	47313	48017	47742
220	1	1	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	8649	9.00	8.9 - 9.1		0.779	0.900	
24	89698	23.95	23.9 - 24.1		0.783	0.900	
25	11987	24.95	24.9 - 25.1		0.778	0.900	
26	14123	26.00	25.9 - 26.1		0.738	0.900	
59	92034	58.95	58.9 - 59.1		0.775	0.900	
113	13639	113.00	112.9 - 113.1		0.730	0.900	
115	178057	115.05	114.9 - 115.1		0.735	0.900	
206	39574	205.95	205.9 - 206.1		0.777	0.900	
207	35694	206.95	206.9 - 207.1		0.773	0.900	
208	85739	207.95	207.9 - 208.1		0.780	0.900	
220	2	220.25	-		2.127		

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

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V	Deflect	13.2	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6458	1.62	
89	1198	1.15	
205	9608	1.89	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6577	6294	6457	6511	6452
89	1215	1176	1197	1201	1200
205	9802	9315	9624	9700	9598

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V	Deflect	2.0	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.62	-1.29	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.04	0.01	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.03	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.27	0.08	-0.36	0.00	N/A	ppb
Boron	11-1	0.06	-0.13	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.53	0.17	0.36	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.13	-0.04	0.00	N/A	ppb
Calcium	43-1	-9.39	0.17	9.22	0.00	N/A	ppb
Calcium	44-1	0.80	-0.21	-0.60	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.02	0.00	N/A	ppb
Copper	63-2	0.00	-0.03	0.03	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	-0.32	0.17	0.16	0.00	N/A	ppb
Iron	57-2	-0.35	0.74	-0.39	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.43	-0.68	-2.75	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.08	-0.05	0.00	N/A	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	5.87	-0.06	-5.81	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.34	-2.17	-2.17	0.00	N/A	ppb
Selenium	78-2	1.12	0.01	-1.13	0.00	N/A	ppb
Selenium	82-1	0.26	-0.16	-0.10	0.00	N/A	ppb
Silicon	28-1	-0.32	0.54	-0.23	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.36	1.02	1.34	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-514.93	-185.09	-317.37	-339.13		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	-0.09	-0.04	0.12	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	-0.19	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-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 :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.44	27.13	19.91	25.49	19.50	ppb
Antimony	121-1	1.84	1.91	2.00	1.92	4.08	ppb
Arsenic	75-2	0.89	1.13	1.07	1.03	12.00	ppb
Barium	135-1	9.35	9.62	9.90	9.62	2.87	ppb
Barium	137-1	9.57	9.50	9.61	9.56	0.59	ppb
Beryllium	9-1	1.17	1.00	1.08	1.08	7.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	23.62	21.86	22.78	22.75	3.86	ppb
Boron	11-1	22.65	22.73	24.11	23.16	3.54	ppb
Cadmium	111-1	1.10	0.86	0.92	0.96	13.06	ppb
Cadmium	106-1	2.04	0.27	0.28	0.86	118.61	ppb
Cadmium	108-1	0.74	0.96	1.16	0.95	21.69	ppb
Calcium	43-1	491.20	432.73	452.46	458.80	6.48	ppb
Calcium	44-1	436.95	446.95	463.29	449.06	2.96	ppb
Chromium	52-2	2.17	1.87	1.99	2.01	7.51	ppb
Cobalt	59-2	0.92	0.88	0.95	0.92	3.86	ppb
Copper	63-2	1.89	1.85	1.99	1.91	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	47.71	45.56	45.88	46.38	2.51	ppb
Iron	57-2	55.42	42.46	38.62	45.50	19.35	ppb
Lead	206-1	0.87	1.03	0.99	0.96	8.56	ppb
Lead	207-1	0.96	0.88	0.86	0.90	5.82	ppb
Lead	208-1	0.94	0.94	0.93	0.94	0.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	475.35	437.89	468.75	460.66	4.34	ppb
Manganese	55-2	1.06	1.02	0.61	0.90	27.79	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.60	4.76	4.92	4.76	3.36	ppb
Molybdenum	95-1	4.59	4.33	4.70	4.54	4.16	ppb
Molybdenum	96-1	4.48	4.60	4.88	4.66	4.39	ppb
Molybdenum	97-1	4.57	4.49	4.69	4.58	2.20	ppb
Molybdenum	98-1	4.48	4.73	4.67	4.63	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.00	1.13	1.08	6.37	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	460.72	436.55	423.04	440.10	4.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	-2.17	-2.17	4.39	0.02	24865.72	ppb
Selenium	78-2	5.68	5.71	0.01	3.80	86.46	ppb
Selenium	82-1	5.16	4.53	5.05	4.91	6.88	ppb
Silicon	28-1	20.09	21.67	25.29	22.35	11.95	ppb
Silver	109-1	0.94	1.01	1.01	0.99	4.00	ppb
Silver	107-1	1.03	0.97	1.10	1.03	6.05	ppb
Sodium	23-2	463.13	451.89	464.99	460.00	1.54	ppb
Strontium	86-1	1.01	0.96	0.88	0.95	6.94	ppb
Strontium	88-1	0.94	0.95	0.96	0.95	0.99	ppb
Sulfur	34-1	60.67	385.39	571.33	339.13	76.21	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.99	0.94	1.00	0.98	3.24	ppb
Thallium	205-1	0.96	0.92	1.00	0.96	3.79	ppb
Tin	118-1	4.66	4.69	4.67	4.67	0.31	ppb
Titanium	47-1	4.74	4.53	4.79	4.69	2.97	ppb
Uranium	238-1	0.88	0.89	0.96	0.91	4.93	ppb
Vanadium	51-2	4.54	4.86	4.79	4.73	3.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	1.95	1.38	1.89	1.74	18.09	ppb
Zirconium	90-1	0.98	1.00	0.95	0.98	2.78	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.92	1.05	0.96	7.80	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	928.48	1036.22	944.89	969.86	5.99	ppb
Antimony	121-1	50.70	52.71	53.82	52.41	3.02	ppb
Arsenic	75-2	48.51	50.75	51.11	50.13	2.81	ppb
Barium	135-1	251.78	263.69	265.96	260.48	2.92	ppb
Barium	137-1	252.74	264.89	268.25	261.96	3.12	ppb
Beryllium	9-1	52.42	52.38	53.72	52.84	1.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	50.42	47.85	52.98	50.42	5.09	ppb
Boron	11-1	47.54	50.11	51.35	49.67	3.91	ppb
Cadmium	111-1	51.54	54.54	54.63	53.57	3.28	ppb
Cadmium	106-1	50.89	54.64	54.19	53.24	3.85	ppb
Cadmium	108-1	51.40	52.28	54.01	52.56	2.53	ppb
Calcium	43-1	4927.62	4917.48	5083.83	4976.31	1.87	ppb
Calcium	44-1	4915.23	4983.52	5139.92	5012.89	2.30	ppb
Chromium	52-2	49.35	47.83	48.74	48.64	1.58	ppb
Cobalt	59-2	48.91	48.26	49.89	49.02	1.68	ppb
Copper	63-2	99.11	95.71	98.78	97.87	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	2447.11	2410.09	2460.63	2439.28	1.07	ppb
Iron	57-2	2411.72	2371.88	2431.10	2404.90	1.26	ppb
Lead	206-1	48.17	49.93	50.98	49.69	2.85	ppb
Lead	207-1	48.29	49.25	50.70	49.41	2.46	ppb
Lead	208-1	48.57	50.03	51.34	49.98	2.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	4854.38	4822.73	4916.92	4864.68	0.99	ppb
Manganese	55-2	101.70	96.19	95.60	97.83	3.44	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.79	259.22	265.29	258.43	2.82	ppb
Molybdenum	95-1	249.42	258.79	264.24	257.48	2.91	ppb
Molybdenum	96-1	249.01	256.33	259.44	254.92	2.10	ppb
Molybdenum	97-1	249.07	258.89	265.16	257.71	3.15	ppb
Molybdenum	98-1	249.98	255.07	263.92	256.32	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.39	47.92	49.75	49.02	1.97	ppb
Phosphorus	31-2	1184.11	1126.54	1107.81	1139.49	3.49	ppb
Potassium	39-2	2428.26	2345.50	2408.62	2394.13	1.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	50.52	43.86	37.88	44.09	14.35	ppb
Selenium	78-2	54.57	43.14	33.45	43.72	24.18	ppb
Selenium	82-1	48.70	55.16	55.54	53.13	7.24	ppb
Silicon	28-1	70.62	72.21	78.46	73.76	5.62	ppb
Silver	109-1	51.25	53.81	54.32	53.12	3.10	ppb
Silver	107-1	51.68	54.05	54.52	53.42	2.85	ppb
Sodium	23-2	4770.20	4696.12	4823.44	4763.25	1.34	ppb
Strontium	86-1	50.40	51.32	52.47	51.39	2.02	ppb
Strontium	88-1	50.67	51.78	53.43	51.96	2.68	ppb
Sulfur	34-1	1275.44	1612.90	2207.16	1698.50	27.77	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	48.44	50.16	51.74	50.11	3.29	ppb
Thallium	205-1	49.58	50.30	52.53	50.80	3.02	ppb
Tin	118-1	50.19	52.49	54.29	52.32	3.93	ppb
Titanium	47-1	249.15	256.33	259.35	254.95	2.06	ppb
Uranium	238-1	48.42	49.96	51.25	49.88	2.84	ppb
Vanadium	51-2	49.62	47.29	49.07	48.66	2.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	140.55	139.31	143.11	140.99	1.37	ppb
Zirconium	90-1	49.63	51.33	52.62	51.19	2.93	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.58	50.99	51.74	50.77	2.16	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2566.69	2375.36	2431.82	2457.96	4.00	ppb
Antimony	121-1	129.27	127.76	129.67	128.90	0.78	ppb
Arsenic	75-2	123.14	122.97	121.71	122.61	0.64	ppb
Barium	135-1	643.69	641.64	649.63	644.98	0.64	ppb
Barium	137-1	641.72	646.28	648.88	645.63	0.56	ppb
Beryllium	9-1	130.22	128.26	129.40	129.29	0.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	124.89	127.03	125.03	125.65	0.95	ppb
Boron	11-1	120.86	124.35	126.62	123.94	2.34	ppb
Cadmium	111-1	131.80	131.49	132.20	131.83	0.27	ppb
Cadmium	106-1	135.79	130.18	134.71	133.56	2.23	ppb
Cadmium	108-1	135.56	130.43	134.88	133.62	2.09	ppb
Calcium	43-1	12147.60	12074.33	12081.82	12101.25	0.33	ppb
Calcium	44-1	12252.93	12172.05	12149.69	12191.56	0.45	ppb
Chromium	52-2	124.31	124.48	122.03	123.61	1.11	ppb
Cobalt	59-2	124.54	125.04	122.86	124.15	0.92	ppb
Copper	63-2	251.42	250.78	244.98	249.06	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	6350.23	6299.37	6194.81	6281.47	1.26	ppb
Iron	57-2	6103.39	6018.25	5928.28	6016.64	1.46	ppb
Lead	206-1	122.73	121.70	121.59	122.01	0.51	ppb
Lead	207-1	119.96	120.98	120.98	120.64	0.49	ppb
Lead	208-1	122.19	122.44	122.14	122.26	0.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	12403.98	12347.89	12209.70	12320.52	0.81	ppb
Manganese	55-2	248.32	250.98	249.46	249.58	0.53	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	638.87	628.01	640.13	635.67	1.05	ppb
Molybdenum	95-1	631.49	635.37	649.04	638.63	1.44	ppb
Molybdenum	96-1	632.04	620.75	644.80	632.53	1.90	ppb
Molybdenum	97-1	616.59	620.47	636.01	624.36	1.65	ppb
Molybdenum	98-1	626.59	627.67	646.54	633.60	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.94	126.17	121.83	124.65	1.96	ppb
Phosphorus	31-2	2253.94	2674.50	2458.91	2462.45	8.54	ppb
Potassium	39-2	5933.32	6115.64	6123.64	6057.53	1.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	124.53	144.57	183.27	150.79	19.80	ppb
Selenium	78-2	119.73	101.33	121.17	114.08	9.70	ppb
Selenium	82-1	127.38	126.52	128.89	127.59	0.94	ppb
Silicon	28-1	160.41	160.17	166.96	162.51	2.37	ppb
Silver	109-1	130.29	129.62	132.94	130.95	1.34	ppb
Silver	107-1	131.19	130.36	132.80	131.45	0.94	ppb
Sodium	23-2	12166.74	12290.37	12231.94	12229.68	0.51	ppb
Strontium	86-1	123.29	123.58	126.12	124.33	1.25	ppb
Strontium	88-1	126.65	127.22	129.77	127.88	1.30	ppb
Sulfur	34-1	2803.17	2474.35	2579.22	2618.91	6.41	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	122.98	122.70	123.57	123.08	0.36	ppb
Thallium	205-1	125.57	125.67	125.11	125.45	0.24	ppb
Tin	118-1	128.22	128.70	130.61	129.17	0.98	ppb
Titanium	47-1	625.75	620.23	623.60	623.19	0.45	ppb
Uranium	238-1	123.86	125.38	123.60	124.28	0.78	ppb
Vanadium	51-2	122.49	123.75	121.82	122.68	0.80	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	251.49	250.06	243.80	248.45	1.65	ppb
Zirconium	90-1	123.96	124.75	127.04	125.25	1.28	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.99	123.09	124.97	123.69	0.90	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5084.13	4904.14	4813.62	4933.97	2.79	ppb
Antimony	121-1	258.61	256.37	253.66	256.22	0.97	ppb
Arsenic	75-2	240.09	241.76	243.01	241.62	0.61	ppb
Barium	135-1	1269.85	1283.94	1263.08	1272.29	0.84	ppb
Barium	137-1	1291.91	1281.03	1252.26	1275.07	1.61	ppb
Beryllium	9-1	253.58	251.95	255.80	253.78	0.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	240.09	252.53	253.71	248.77	3.03	ppb
Boron	11-1	239.47	241.92	251.21	244.20	2.54	ppb
Cadmium	111-1	255.87	259.86	253.13	256.29	1.32	ppb
Cadmium	106-1	250.99	258.38	251.36	253.58	1.64	ppb
Cadmium	108-1	252.57	256.53	253.51	254.20	0.81	ppb
Calcium	43-1	24391.99	24306.14	24366.41	24354.84	0.18	ppb
Calcium	44-1	24258.80	23869.41	24156.05	24094.75	0.84	ppb
Chromium	52-2	250.53	246.14	245.47	247.38	1.11	ppb
Cobalt	59-2	250.53	246.43	246.12	247.69	0.99	ppb
Copper	63-2	498.32	494.34	490.80	494.49	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	12474.66	12361.78	12261.98	12366.14	0.86	ppb
Iron	57-2	12119.71	11954.12	11960.29	12011.37	0.78	ppb
Lead	206-1	245.84	242.16	238.99	242.33	1.41	ppb
Lead	207-1	243.95	241.35	238.43	241.24	1.14	ppb
Lead	208-1	250.17	246.24	243.99	246.80	1.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	24821.09	24336.47	24199.37	24452.31	1.34	ppb
Manganese	55-2	499.68	494.51	488.56	494.25	1.13	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1270.04	1274.98	1259.60	1268.20	0.62	ppb
Molybdenum	95-1	1263.58	1270.57	1255.39	1263.18	0.60	ppb
Molybdenum	96-1	1255.47	1254.07	1252.40	1253.98	0.12	ppb
Molybdenum	97-1	1274.22	1276.66	1259.86	1270.25	0.71	ppb
Molybdenum	98-1	1261.55	1251.68	1243.50	1252.24	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.21	249.59	250.67	250.49	0.33	ppb
Phosphorus	31-2	5202.31	4831.15	4245.84	4759.76	10.13	ppb
Potassium	39-2	12167.53	11811.81	11778.99	11919.44	1.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	218.03	216.33	268.12	234.16	12.56	ppb
Selenium	78-2	251.09	204.57	271.78	242.48	14.20	ppb
Selenium	82-1	257.00	248.67	252.14	252.60	1.66	ppb
Silicon	28-1	270.98	274.88	270.64	272.17	0.87	ppb
Silver	109-1	260.15	261.28	256.42	259.28	0.98	ppb
Silver	107-1	260.71	259.64	255.06	258.47	1.16	ppb
Sodium	23-2	25244.57	24766.95	24232.14	24747.89	2.05	ppb
Strontium	86-1	250.29	248.30	249.56	249.38	0.40	ppb
Strontium	88-1	254.84	252.71	254.00	253.85	0.42	ppb
Sulfur	34-1	5222.59	5058.89	4789.69	5023.72	4.35	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	246.65	246.59	242.93	245.39	0.87	ppb
Thallium	205-1	256.13	250.91	248.62	251.89	1.53	ppb
Tin	118-1	251.43	254.39	247.90	251.24	1.29	ppb
Titanium	47-1	1249.25	1232.77	1244.43	1242.15	0.68	ppb
Uranium	238-1	250.98	249.67	246.63	249.09	0.90	ppb
Vanadium	51-2	248.50	242.74	242.89	244.71	1.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	494.66	483.30	488.41	488.79	1.16	ppb
Zirconium	90-1	254.51	250.79	250.51	251.94	0.89	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.20	246.54	245.44	246.39	0.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9491.24	9169.76	10009.80	9556.93	4.44	ppb
Antimony	121-1	511.10	509.17	510.04	510.10	0.19	ppb
Arsenic	75-2	490.10	472.36	516.26	492.91	4.48	ppb
Barium	135-1	2572.49	2551.97	2555.41	2559.96	0.43	ppb
Barium	137-1	2536.04	2518.35	2538.41	2530.93	0.43	ppb
Beryllium	9-1	500.39	503.96	501.94	502.10	0.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	486.78	487.99	508.83	494.53	2.51	ppb
Boron	11-1	482.90	495.55	494.79	491.08	1.44	ppb
Cadmium	111-1	506.40	508.39	510.60	508.47	0.41	ppb
Cadmium	106-1	507.75	513.58	513.78	511.70	0.67	ppb
Cadmium	108-1	502.28	509.82	505.59	505.90	0.75	ppb
Calcium	43-1	48334.27	48069.22	48356.08	48253.19	0.33	ppb
Calcium	44-1	48389.52	47725.41	47472.24	47862.39	0.99	ppb
Chromium	52-2	489.72	481.20	507.93	492.95	2.77	ppb
Cobalt	59-2	491.66	483.15	510.01	494.94	2.77	ppb
Copper	63-2	979.97	971.55	1012.42	987.98	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	24668.22	23946.83	25352.45	24655.83	2.85	ppb
Iron	57-2	24099.19	23605.70	24938.14	24214.34	2.78	ppb
Lead	206-1	492.59	501.01	504.73	499.44	1.25	ppb
Lead	207-1	490.36	497.90	503.80	497.35	1.35	ppb
Lead	208-1	493.01	502.34	502.98	499.44	1.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	48722.35	47743.09	50241.04	48902.16	2.57	ppb
Manganese	55-2	982.93	957.30	1009.15	983.13	2.64	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2506.73	2487.38	2512.59	2502.23	0.53	ppb
Molybdenum	95-1	2516.23	2496.07	2505.45	2505.92	0.40	ppb
Molybdenum	96-1	2513.45	2485.89	2542.08	2513.81	1.12	ppb
Molybdenum	97-1	2523.85	2514.07	2549.05	2528.99	0.71	ppb
Molybdenum	98-1	2509.15	2502.73	2518.51	2510.13	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.97	488.47	505.80	495.08	1.89	ppb
Phosphorus	31-2	8899.74	10418.86	10543.71	9954.10	9.19	ppb
Potassium	39-2	23806.56	23231.46	24748.53	23928.85	3.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	480.96	514.66	518.74	504.79	4.11	ppb
Selenium	78-2	493.30	470.35	530.79	498.15	6.12	ppb
Selenium	82-1	498.24	503.96	509.32	503.84	1.10	ppb
Silicon	28-1	540.24	528.78	528.00	532.34	1.29	ppb
Silver	109-1	508.23	512.64	514.80	511.89	0.65	ppb
Silver	107-1	504.92	507.61	512.72	508.42	0.78	ppb
Sodium	23-2	48804.61	48043.69	50435.50	49094.60	2.49	ppb
Strontium	86-1	495.16	492.01	501.25	496.14	0.95	ppb
Strontium	88-1	497.15	497.66	504.02	499.61	0.77	ppb
Sulfur	34-1	10158.53	9872.48	9989.51	10006.84	1.44	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	491.55	509.77	499.13	500.15	1.83	ppb
Thallium	205-1	496.69	499.59	499.49	498.59	0.33	ppb
Tin	118-1	512.70	507.33	517.78	512.60	1.02	ppb
Titanium	47-1	2573.34	2520.90	2561.61	2551.95	1.08	ppb
Uranium	238-1	491.28	497.05	491.13	493.15	0.68	ppb
Vanadium	51-2	488.31	483.49	503.82	491.87	2.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	974.44	945.71	996.50	972.21	2.62	ppb
Zirconium	90-1	502.34	500.81	504.37	502.51	0.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.49	490.39	497.34	492.74	0.81	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20303.82	19128.78	18829.33	19420.64	4.01	ppb
Antimony	121-1	994.41	983.66	1000.29	992.79	0.85	ppb
Arsenic	75-2	1066.96	976.76	974.08	1005.94	5.26	ppb
Barium	135-1	4956.71	4928.16	4999.41	4961.43	0.72	ppb
Barium	137-1	4975.93	4927.64	5021.70	4975.09	0.95	ppb
Beryllium	9-1	1007.92	974.65	1009.41	997.33	1.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	983.86	996.35	1028.78	1003.00	2.31	ppb
Boron	11-1	1008.63	976.35	1033.33	1006.10	2.84	ppb
Cadmium	111-1	998.72	983.86	996.91	993.16	0.82	ppb
Cadmium	106-1	983.99	985.94	1006.14	992.02	1.24	ppb
Cadmium	108-1	983.12	985.13	1016.13	994.80	1.86	ppb
Calcium	43-1	97135.67	97234.11	96727.19	97032.32	0.28	ppb
Calcium	44-1	96385.23	95037.87	95471.96	95631.69	0.72	ppb
Chromium	52-2	1066.69	993.15	953.41	1004.42	5.72	ppb
Cobalt	59-2	1064.13	989.67	955.99	1003.26	5.52	ppb
Copper	63-2	2146.02	1981.83	1894.99	2007.61	6.35	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				103		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	53136.22	49945.62	47679.65	50253.83	5.45	ppb
Iron	57-2	52464.75	48478.51	46938.43	49293.89	5.79	ppb
Lead	206-1	1007.62	985.30	1014.84	1002.58	1.54	ppb
Lead	207-1	1005.79	995.04	1011.42	1004.09	0.83	ppb
Lead	208-1	1002.89	991.29	1010.09	1001.42	0.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	106870.14	99312.88	95436.52	100539.85	5.78	ppb
Manganese	55-2	2121.57	1987.60	1920.93	2010.03	5.08	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5026.47	4939.85	5011.41	4992.58	0.93	ppb
Molybdenum	95-1	5015.31	4937.70	5021.99	4991.67	0.94	ppb
Molybdenum	96-1	5015.24	4941.37	5016.13	4990.91	0.86	ppb
Molybdenum	97-1	5013.94	4933.36	4993.11	4980.14	0.84	ppb
Molybdenum	98-1	5020.40	4950.83	5007.71	4992.98	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1065.04	991.77	950.48	1002.43	5.79	ppb
Phosphorus	31-2	20383.02	21087.15	18772.00	20080.73	5.91	ppb
Potassium	39-2	51237.18	47461.24	46326.92	48341.78	5.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	1102.32	1041.22	852.45	998.66	13.04	ppb
Selenium	78-2	1070.88	943.38	999.23	1004.49	6.36	ppb
Selenium	82-1	999.19	990.33	1001.33	996.95	0.58	ppb
Silicon	28-1	984.27	969.95	962.64	972.29	1.13	ppb
Silver	109-1	995.29	977.91	999.29	990.83	1.15	ppb
Silver	107-1	989.54	984.46	1004.09	992.70	1.03	ppb
Sodium	23-2	105969.15	97180.24	93265.79	98805.06	6.58	ppb
Strontium	86-1	1008.26	995.30	1002.74	1002.10	0.65	ppb
Strontium	88-1	1007.17	988.26	1000.89	998.77	0.96	ppb
Sulfur	34-1	20126.20	19780.22	19916.15	19940.86	0.87	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	993.56	991.34	1019.04	1001.31	1.54	ppb
Thallium	205-1	1002.37	986.32	1011.72	1000.14	1.28	ppb
Tin	118-1	998.31	986.39	993.56	992.75	0.60	ppb
Titanium	47-1	5040.38	4950.97	4936.55	4975.97	1.13	ppb
Uranium	238-1	1009.17	990.72	1011.35	1003.75	1.13	ppb
Vanadium	51-2	1064.88	993.78	958.57	1005.74	5.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	2120.95	1991.53	1932.03	2014.84	4.79	ppb
Zirconium	90-1	1003.82	991.84	998.86	998.17	0.60	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1012.65	998.71	1002.61	1004.66	0.72	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100618.94	100474.38	99401.18	100164.83	0.66	ppb
Antimony	121-1	1.41	1.37	1.38	1.39	1.36	ppb
Arsenic	75-2	0.36	0.35	0.50	0.40	21.18	ppb
Barium	135-1	1.32	1.51	1.33	1.38	7.66	ppb
Barium	137-1	1.32	1.39	1.42	1.38	3.59	ppb
Beryllium	9-1	0.62	0.61	0.56	0.60	5.23	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	45.99	44.62	39.03	43.22	8.54	ppb
Boron	11-1	49.28	41.81	40.55	43.88	10.76	ppb
Cadmium	111-1	0.16	0.15	0.04	0.12	53.54	ppb
Cadmium	106-1	-0.42	0.57	-1.22	-0.36		ppb
Cadmium	108-1	0.04	0.40	0.22	0.22	80.64	ppb
Calcium	43-1	498072.74	505577.27	498782.15	500810.72	0.83	ppb
Calcium	44-1	496371.11	506833.31	500216.54	501140.32	1.06	ppb
Chromium	52-2	20.49	19.69	19.79	19.99	2.18	ppb
Cobalt	59-2	1.28	1.18	1.24	1.23	3.97	ppb
Copper	63-2	2.51	2.74	2.57	2.61	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	252568.36	249519.34	247882.80	249990.17	0.95	ppb
Iron	57-2	250194.25	251104.74	249454.02	250251.00	0.33	ppb
Lead	206-1	2.08	2.10	2.04	2.07	1.32	ppb
Lead	207-1	2.07	1.90	1.91	1.96	5.09	ppb
Lead	208-1	2.03	2.04	2.00	2.02	1.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	502122.40	504145.48	493837.35	500035.08	1.09	ppb
Manganese	55-2	6.83	5.72	6.00	6.18	9.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.95	3.05	2.94	2.98	2.00	ppb
Molybdenum	95-1	3.89	3.98	3.72	3.86	3.35	ppb
Molybdenum	96-1	4.27	4.27	4.15	4.23	1.58	ppb
Molybdenum	97-1	3.70	3.91	3.72	3.78	3.01	ppb
Molybdenum	98-1	3.56	3.76	3.69	3.67	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.75	12.63	12.77	12.72	0.60	ppb
Phosphorus	31-2	0.00	62.93	0.00	20.98	173.21	ppb
Potassium	39-2	249266.92	253374.68	248779.74	250473.78	1.01	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-2.26	2.69	-2.26	-0.61		ppb
Selenium	82-1	0.91	0.29	0.79	0.66	50.09	ppb
Silicon	28-1	32.52	35.16	31.51	33.06	5.69	ppb
Silver	109-1	0.07	0.09	0.06	0.07	20.28	ppb
Silver	107-1	0.07	0.10	0.07	0.08	18.55	ppb
Sodium	23-2	505640.60	502716.91	492696.39	500351.30	1.36	ppb
Strontium	86-1	35.52	34.82	35.08	35.14	1.01	ppb
Strontium	88-1	34.90	35.46	35.26	35.21	0.80	ppb
Sulfur	34-1	-1261.64	-755.16	-1022.71	-1013.17		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.65	0.61	0.69	0.65	5.88	ppb
Thallium	205-1	0.68	0.66	0.59	0.64	7.89	ppb
Tin	118-1	1.05	0.93	0.90	0.96	8.39	ppb
Titanium	47-1	0.80	0.80	1.06	0.89	16.94	ppb
Uranium	238-1	0.08	0.07	0.07	0.08	12.79	ppb
Vanadium	51-2	0.28	0.27	0.22	0.26	11.78	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	6.82	7.39	6.55	6.92	6.23	ppb
Zirconium	90-1	0.23	0.24	0.23	0.23	3.77	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.23	0.28	0.27	12.99	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.59	506.59	495.56	512.24	3.93	ppb
Antimony	121-1	196.92	197.10	200.24	198.09	0.94	ppb
Arsenic	75-2	206.72	196.89	196.14	199.92	2.95	ppb
Barium	135-1	100.65	100.82	103.22	101.56	1.41	ppb
Barium	137-1	101.94	99.70	102.40	101.35	1.43	ppb
Beryllium	9-1	103.39	99.96	101.51	101.62	1.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	536.14	547.27	547.90	543.77	1.22	ppb
Boron	11-1	536.08	532.23	552.49	540.26	1.99	ppb
Cadmium	111-1	103.95	104.29	105.53	104.59	0.80	ppb
Cadmium	106-1	159.18	152.78	155.90	155.96	2.05	ppb
Cadmium	108-1	134.04	132.86	135.31	134.07	0.91	ppb
Calcium	43-1	2030.99	2070.37	2006.78	2036.05	1.58	ppb
Calcium	44-1	1985.81	1959.97	1972.58	1972.79	0.65	ppb
Chromium	52-2	98.96	94.54	93.30	95.60	3.11	ppb
Cobalt	59-2	100.12	97.06	96.35	97.85	2.05	ppb
Copper	63-2	98.82	96.60	95.69	97.04	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	1007.69	977.34	965.48	983.50	2.21	ppb
Iron	57-2	1007.87	942.29	970.33	973.50	3.38	ppb
Lead	206-1	193.18	191.30	193.45	192.65	0.61	ppb
Lead	207-1	184.54	183.44	184.16	184.05	0.30	ppb
Lead	208-1	195.22	192.35	192.72	193.43	0.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	1238.76	1153.60	1136.76	1176.38	4.65	ppb
Manganese	55-2	99.99	96.87	94.67	97.18	2.75	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1039.99	1041.58	1055.78	1045.78	0.83	ppb
Molybdenum	95-1	454.75	455.46	463.64	457.95	1.08	ppb
Molybdenum	96-1	533.99	537.26	547.38	539.54	1.29	ppb
Molybdenum	97-1	456.68	455.47	462.50	458.22	0.82	ppb
Molybdenum	98-1	469.34	468.42	472.38	470.04	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.74	100.32	96.20	99.09	2.53	ppb
Phosphorus	31-2	0.00	27.13	0.00	9.04	173.21	ppb
Potassium	39-2	1992.26	1930.62	1980.73	1967.87	1.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	185.87	153.31	153.83	164.34	11.35	ppb
Selenium	78-2	209.23	232.78	173.26	205.09	14.62	ppb
Selenium	82-1	201.07	201.11	203.43	201.87	0.67	ppb
Silicon	28-1	475.26	479.49	476.82	477.19	0.45	ppb
Silver	109-1	102.08	101.86	103.49	102.48	0.87	ppb
Silver	107-1	102.56	102.42	105.38	103.45	1.61	ppb
Sodium	23-2	1985.85	1916.07	1873.66	1925.19	2.94	ppb
Strontium	86-1	456.99	451.99	462.59	457.19	1.16	ppb
Strontium	88-1	458.88	457.47	465.21	460.52	0.90	ppb
Sulfur	34-1	-918.02	-1279.82	-1167.72	-1121.85		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	197.18	196.23	199.32	197.58	0.80	ppb
Thallium	205-1	204.77	203.73	207.79	205.43	1.03	ppb
Tin	118-1	487.19	490.50	492.85	490.18	0.58	ppb
Titanium	47-1	465.97	463.48	468.54	466.00	0.54	ppb
Uranium	238-1	474.37	471.23	469.14	471.58	0.56	ppb
Vanadium	51-2	96.43	96.36	94.79	95.86	0.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	199.50	189.66	187.32	192.16	3.36	ppb
Zirconium	90-1	461.05	458.16	467.70	462.30	1.06	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	448.62	448.51	460.58	452.57	1.53	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	-1.28	-3.15	-1.36		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	35.73	ppb
Arsenic	75-2	-0.02	0.03	0.03	0.02	191.51	ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.02	0.01	0.00	257.52	ppb
Beryllium	9-1	0.04	0.00	0.06	0.03	104.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	3.53	4.96	5.52	4.67	21.98	ppb
Boron	11-1	4.37	5.30	4.87	4.85	9.62	ppb
Cadmium	111-1	0.04	0.01	-0.12	-0.02		ppb
Cadmium	106-1	0.72	0.31	-1.52	-0.16		ppb
Cadmium	108-1	0.04	-0.09	0.17	0.04	295.16	ppb
Calcium	43-1	4.80	3.36	3.52	3.89	20.28	ppb
Calcium	44-1	-2.62	-0.74	-2.44	-1.93		ppb
Chromium	52-2	-0.03	0.00	-0.05	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.05	0.03	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	0.38	0.16	0.44	0.33	45.57	ppb
Iron	57-2	-0.48	0.72	1.02	0.42	190.22	ppb
Lead	206-1	0.01	0.01	0.03	0.02	81.15	ppb
Lead	207-1	0.00	0.03	0.01	0.01	129.33	ppb
Lead	208-1	0.01	0.02	0.03	0.02	38.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	5.93	1.24	0.27	2.48	122.07	ppb
Manganese	55-2	-0.03	0.05	0.01	0.01	466.21	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	162.30	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	40.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.06	-0.03	-0.08		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	20.47	18.29	26.96	21.91	20.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-0.09	-1.14	-1.19	-0.81		ppb
Selenium	82-1	0.03	0.54	0.06	0.21	136.40	ppb
Silicon	28-1	-1.36	0.60	-1.45	-0.73		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	107-1	0.00	0.00	0.01	0.00	142.69	ppb
Sodium	23-2	4.64	17.27	0.28	7.40	119.28	ppb
Strontium	86-1	-0.05	0.01	0.05	0.01	691.35	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-467.04	-196.94	-375.67	-346.55		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.01	0.01	45.71	ppb
Thallium	205-1	0.02	0.03	0.00	0.02	65.95	ppb
Tin	118-1	-0.09	-0.06	-0.06	-0.07		ppb
Titanium	47-1	-0.04	-0.01	0.05	0.00	617121.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.13	-0.09	-0.14	-0.12		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.32	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

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

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88755.34	86534.63	88257.39	87849.12	1.33	ppb
Antimony	121-1	1.21	1.12	1.10	1.14	4.98	ppb
Arsenic	75-2	0.24	0.16	0.26	0.22	24.35	ppb
Barium	135-1	1.52	1.51	1.31	1.45	8.23	ppb
Barium	137-1	1.63	1.53	1.42	1.53	6.76	ppb
Beryllium	9-1	0.36	0.33	0.27	0.32	15.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	6.95	5.65	3.71	5.44	29.95	ppb
Boron	11-1	6.07	5.05	5.87	5.66	9.60	ppb
Cadmium	111-1	0.30	0.26	0.27	0.28	8.31	ppb
Cadmium	106-1	0.73	-0.16	-1.40	-0.28		ppb
Cadmium	108-1	8.52	7.77	7.50	7.93	6.69	ppb
Calcium	43-1	95236.81	96896.49	95118.85	95750.72	1.04	ppb
Calcium	44-1	94724.20	95748.33	93643.00	94705.18	1.11	ppb
Chromium	52-2	19.28	19.71	19.55	19.52	1.11	ppb
Cobalt	59-2	1.21	1.13	1.07	1.14	6.41	ppb
Copper	63-2	7.42	7.07	7.40	7.30	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	96899.69	93642.55	95707.26	95416.50	1.73	ppb
Iron	57-2	94682.98	91914.54	94463.35	93686.96	1.64	ppb
Lead	206-1	5.13	4.87	5.00	5.00	2.54	ppb
Lead	207-1	4.32	4.45	4.34	4.37	1.58	ppb
Lead	208-1	4.67	4.65	4.60	4.64	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	97167.77	93805.70	97722.98	96232.15	2.20	ppb
Manganese	55-2	7.08	7.49	7.73	7.43	4.39	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1367.71	1337.94	1384.72	1363.46	1.74	ppb
Molybdenum	95-1	1920.35	1921.53	1952.02	1931.30	0.93	ppb
Molybdenum	96-1	1864.96	1834.30	1845.58	1848.28	0.84	ppb
Molybdenum	97-1	1954.63	1932.21	1941.95	1942.93	0.58	ppb
Molybdenum	98-1	1920.43	1902.78	1921.88	1915.03	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.56	4.71	4.64	1.63	ppb
Phosphorus	31-2	99195.39	96329.82	97525.56	97683.59	1.47	ppb
Potassium	39-2	95710.43	93229.41	95450.32	94796.72	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-1.15	-2.26	-0.05	-1.15		ppb
Selenium	82-1	0.22	0.53	0.29	0.35	47.13	ppb
Silicon	28-1	41.57	40.86	37.69	40.04	5.15	ppb
Silver	109-1	0.07	0.07	0.08	0.07	5.27	ppb
Silver	107-1	0.07	0.08	0.10	0.08	17.31	ppb
Sodium	23-2	96136.77	93160.77	95053.85	94783.80	1.59	ppb
Strontium	86-1	33.76	33.56	34.14	33.82	0.87	ppb
Strontium	88-1	33.90	33.33	33.73	33.65	0.86	ppb
Sulfur	34-1	89710.26	89509.00	88045.41	89088.22	1.02	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.11	0.17	0.13	20.99	ppb
Thallium	205-1	0.11	0.12	0.14	0.12	11.12	ppb
Tin	118-1	0.14	0.06	0.11	0.10	36.76	ppb
Titanium	47-1	2014.52	2029.39	2014.64	2019.51	0.42	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	6.24	ppb
Vanadium	51-2	0.14	0.18	0.18	0.17	16.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.36	10.68	10.51	10.52	1.53	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	31.58	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.04	42.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86977.59	86167.18	87443.36	86862.71	0.74	ppb
Antimony	121-1	20.03	20.51	20.62	20.39	1.54	ppb
Arsenic	75-2	18.94	17.84	19.41	18.73	4.29	ppb
Barium	135-1	21.01	21.35	20.83	21.06	1.27	ppb
Barium	137-1	20.98	21.40	21.86	21.41	2.04	ppb
Beryllium	9-1	20.88	20.41	21.87	21.05	3.55	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	62.03	63.76	61.27	62.35	2.05	ppb
Boron	11-1	59.63	60.68	62.15	60.82	2.08	ppb
Cadmium	111-1	19.71	19.31	20.05	19.69	1.88	ppb
Cadmium	106-1	22.57	21.74	21.67	21.99	2.27	ppb
Cadmium	108-1	29.28	30.99	29.47	29.91	3.13	ppb
Calcium	43-1	97203.62	94601.59	98624.75	96809.99	2.11	ppb
Calcium	44-1	94917.52	94342.33	97494.93	95584.93	1.76	ppb
Chromium	52-2	37.57	38.25	38.10	37.97	0.94	ppb
Cobalt	59-2	19.42	19.42	20.10	19.65	1.98	ppb
Copper	63-2	25.60	25.71	25.99	25.76	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	95283.51	95019.10	96131.30	95477.97	0.61	ppb
Iron	57-2	93675.04	93289.24	94125.49	93696.59	0.45	ppb
Lead	206-1	24.53	24.30	24.43	24.42	0.48	ppb
Lead	207-1	22.14	22.12	22.51	22.26	0.98	ppb
Lead	208-1	23.16	23.23	23.65	23.34	1.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	94919.42	95036.48	96685.64	95547.18	1.03	ppb
Manganese	55-2	27.04	25.66	25.87	26.19	2.83	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1479.26	1470.72	1506.22	1485.40	1.25	ppb
Molybdenum	95-1	1992.08	2004.99	2026.50	2007.86	0.87	ppb
Molybdenum	96-1	1918.58	1913.99	1962.54	1931.70	1.39	ppb
Molybdenum	97-1	1989.29	2020.17	2061.75	2023.74	1.80	ppb
Molybdenum	98-1	1963.55	1991.16	2004.69	1986.47	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	22.63	22.82	23.17	3.35	ppb
Phosphorus	31-2	95391.21	91786.68	96445.50	94541.13	2.58	ppb
Potassium	39-2	94350.07	92237.47	94303.37	93630.31	1.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	23.51	4.33	17.45	15.10	64.93	ppb
Selenium	78-2	15.48	14.60	13.54	14.54	6.66	ppb
Selenium	82-1	19.02	19.70	20.06	19.59	2.69	ppb
Silicon	28-1	99.31	100.14	108.39	102.62	4.89	ppb
Silver	109-1	18.49	19.05	18.72	18.75	1.50	ppb
Silver	107-1	18.51	18.80	19.05	18.79	1.45	ppb
Sodium	23-2	93301.13	92106.26	93347.21	92918.20	0.76	ppb
Strontium	86-1	82.11	82.35	83.75	82.74	1.07	ppb
Strontium	88-1	83.26	84.27	86.27	84.60	1.81	ppb
Sulfur	34-1	89613.49	88169.79	91411.55	89731.61	1.81	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	19.72	19.32	19.91	19.65	1.53	ppb
Thallium	205-1	19.88	20.00	20.06	19.98	0.46	ppb
Tin	118-1	50.70	51.27	50.81	50.93	0.60	ppb
Titanium	47-1	2099.33	2059.08	2102.71	2087.04	1.16	ppb
Uranium	238-1	49.64	50.23	50.92	50.26	1.28	ppb
Vanadium	51-2	18.78	18.03	18.46	18.43	2.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	28.31	28.32	30.03	28.88	3.42	ppb
Zirconium	90-1	50.51	50.17	51.15	50.61	0.99	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.59	50.94	51.31	50.61	1.79	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46557.03	47684.38	46672.96	46971.45	1.32	ppb
Antimony	121-1	525.44	508.51	513.54	515.83	1.69	ppb
Arsenic	75-2	490.10	483.34	491.05	488.16	0.86	ppb
Barium	135-1	2665.26	2553.62	2563.07	2593.98	2.39	ppb
Barium	137-1	2606.65	2520.88	2561.54	2563.02	1.67	ppb
Beryllium	9-1	532.31	523.61	517.76	524.56	1.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	520.20	540.41	516.18	525.60	2.47	ppb
Boron	11-1	514.39	513.11	516.68	514.73	0.35	ppb
Cadmium	111-1	509.37	497.69	497.41	501.49	1.36	ppb
Cadmium	106-1	524.96	509.00	499.68	511.21	2.50	ppb
Cadmium	108-1	519.36	503.24	502.30	508.30	1.89	ppb
Calcium	43-1	245592.13	234222.12	240453.08	240089.11	2.37	ppb
Calcium	44-1	244666.24	232771.72	237859.83	238432.60	2.50	ppb
Chromium	52-2	478.94	492.66	481.99	484.53	1.49	ppb
Cobalt	59-2	462.98	477.77	465.53	468.76	1.69	ppb
Copper	63-2	904.33	926.31	908.56	913.07	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	114993.44	117863.97	114774.39	115877.27	1.49	ppb
Iron	57-2	112448.20	115907.61	113190.61	113848.81	1.60	ppb
Lead	206-1	507.84	510.77	510.42	509.67	0.31	ppb
Lead	207-1	515.80	507.65	507.74	510.40	0.92	ppb
Lead	208-1	516.12	508.99	510.48	511.86	0.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	235631.55	241703.01	235847.88	237727.48	1.45	ppb
Manganese	55-2	940.97	973.87	955.07	956.64	1.73	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2598.99	2532.03	2526.47	2552.50	1.58	ppb
Molybdenum	95-1	2579.33	2533.80	2507.77	2540.30	1.43	ppb
Molybdenum	96-1	2544.90	2534.72	2508.29	2529.30	0.75	ppb
Molybdenum	97-1	2596.87	2527.61	2504.59	2543.02	1.89	ppb
Molybdenum	98-1	2596.41	2520.58	2487.99	2534.99	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.96	475.02	460.49	465.82	1.72	ppb
Phosphorus	31-2	9635.06	9539.10	9525.15	9566.44	0.63	ppb
Potassium	39-2	117362.02	122007.41	117379.11	118916.18	2.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	467.49	552.12	416.00	478.53	14.36	ppb
Selenium	78-2	527.43	482.77	473.10	494.43	5.86	ppb
Selenium	82-1	509.44	500.21	501.64	503.76	0.99	ppb
Silicon	28-1	544.34	509.17	530.45	527.99	3.35	ppb
Silver	109-1	518.34	505.59	505.81	509.91	1.43	ppb
Silver	107-1	517.35	498.44	502.57	506.12	1.96	ppb
Sodium	23-2	230791.12	238545.44	234163.20	234499.92	1.66	ppb
Strontium	86-1	521.65	516.58	517.99	518.74	0.50	ppb
Strontium	88-1	530.99	513.64	521.69	522.11	1.66	ppb
Sulfur	34-1	10142.14	8833.18	9465.65	9480.33	6.90	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	523.86	513.52	514.51	517.30	1.10	ppb
Thallium	205-1	521.36	515.73	507.57	514.88	1.35	ppb
Tin	118-1	530.11	518.59	511.31	520.00	1.82	ppb
Titanium	47-1	2613.72	2474.02	2554.81	2547.52	2.75	ppb
Uranium	238-1	522.49	514.83	516.17	517.83	0.79	ppb
Vanadium	51-2	474.58	486.90	480.61	480.69	1.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	888.65	911.50	904.70	901.62	1.30	ppb
Zirconium	90-1	520.34	511.95	508.66	513.65	1.17	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.42	502.47	501.49	504.79	0.97	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-1.35	0.42	-1.36		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	65.44	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.03	-0.02	0.00	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.05	-0.05	-0.01	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.01	0.60	1.72	1.11	51.24	ppb
Boron	11-1	1.61	1.62	1.24	1.49	14.36	ppb
Cadmium	111-1	-0.18	-0.11	-0.04	-0.11		ppb
Cadmium	106-1	-2.34	-1.33	-0.75	-1.47		ppb
Cadmium	108-1	-0.09	-0.04	-0.13	-0.09		ppb
Calcium	43-1	-2.88	7.19	-11.46	-2.39		ppb
Calcium	44-1	-1.39	-2.78	-2.31	-2.16		ppb
Chromium	52-2	0.01	-0.02	-0.06	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	733.49	ppb
Copper	63-2	0.01	-0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.65	0.48	0.03	0.38	83.82	ppb
Iron	57-2	1.20	-0.97	-0.46	-0.08		ppb
Lead	206-1	0.00	0.01	0.01	0.01	105.46	ppb
Lead	207-1	0.01	0.00	0.01	0.01	50.95	ppb
Lead	208-1	0.01	0.02	0.01	0.01	49.29	ppb
Lithium	6-1				104		%
Magnesium	24-2	4.19	4.73	4.27	4.40	6.69	ppb
Manganese	55-2	0.03	0.03	-0.07	0.00		ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	-0.01	0.00	373.98	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	114.71	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.00	-0.17	-0.09		ppb
Phosphorus	31-2	0.00	27.45	0.00	9.15	173.21	ppb
Potassium	39-2	12.95	9.15	15.41	12.50	25.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	4.26	-2.17	-2.17	-0.03		ppb
Selenium	78-2	-1.15	-1.17	-1.16	-1.16		ppb
Selenium	82-1	0.41	0.09	0.24	0.24	66.01	ppb
Silicon	28-1	-2.55	-4.05	-5.97	-4.19		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	61.34	ppb
Sodium	23-2	11.68	4.84	5.53	7.35	51.29	ppb
Strontium	86-1	0.02	0.08	0.01	0.04	99.45	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-395.09	-572.48	-958.81	-642.13		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.03	0.03	0.02	53.42	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	42.01	ppb
Tin	118-1	-0.10	-0.11	-0.10	-0.11		ppb
Titanium	47-1	0.08	0.07	0.01	0.06	64.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	-0.06	-0.13	0.00	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	159.77	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

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

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	9.34	16.44	9.96	62.26	ppb
Antimony	121-1	1.79	1.92	1.96	1.89	4.52	ppb
Arsenic	75-2	1.08	1.21	0.76	1.02	22.62	ppb
Barium	135-1	9.33	9.66	9.18	9.39	2.63	ppb
Barium	137-1	9.66	9.40	10.04	9.70	3.29	ppb
Beryllium	9-1	0.96	1.00	0.73	0.90	16.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	21.94	21.73	25.61	23.10	9.46	ppb
Boron	11-1	22.50	22.50	23.88	22.96	3.46	ppb
Cadmium	111-1	0.78	0.95	0.85	0.86	9.91	ppb
Cadmium	106-1	-0.45	-0.08	-0.45	-0.33		ppb
Cadmium	108-1	0.83	0.86	0.65	0.78	14.85	ppb
Calcium	43-1	445.04	422.25	439.10	435.47	2.71	ppb
Calcium	44-1	447.15	435.10	450.19	444.15	1.80	ppb
Chromium	52-2	1.92	1.87	2.08	1.96	5.82	ppb
Cobalt	59-2	0.88	0.95	1.00	0.95	6.23	ppb
Copper	63-2	1.71	1.64	1.91	1.75	7.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	48.17	48.22	50.10	48.83	2.25	ppb
Iron	57-2	47.93	46.19	51.04	48.39	5.08	ppb
Lead	206-1	0.95	0.98	0.97	0.97	1.40	ppb
Lead	207-1	0.94	0.98	0.89	0.94	4.96	ppb
Lead	208-1	0.97	0.96	0.92	0.95	2.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	455.45	462.27	496.72	471.48	4.69	ppb
Manganese	55-2	1.17	1.41	1.10	1.23	13.67	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.71	4.89	4.70	4.15	ppb
Molybdenum	95-1	4.60	4.36	4.56	4.51	2.87	ppb
Molybdenum	96-1	4.70	4.55	4.37	4.54	3.65	ppb
Molybdenum	97-1	4.42	4.56	4.71	4.56	3.12	ppb
Molybdenum	98-1	4.59	4.67	4.66	4.64	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	1.00	1.20	1.01	17.95	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	481.55	449.22	462.90	464.55	3.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-2.17	-2.17	5.67	0.44	1024.52	ppb
Selenium	78-2	9.75	5.41	11.29	8.81	34.60	ppb
Selenium	82-1	4.56	4.91	5.31	4.93	7.65	ppb
Silicon	28-1	12.03	11.36	12.64	12.01	5.31	ppb
Silver	109-1	0.94	1.05	1.02	1.00	5.64	ppb
Silver	107-1	0.93	1.00	1.02	0.98	4.74	ppb
Sodium	23-2	474.00	471.48	515.99	487.16	5.13	ppb
Strontium	86-1	0.93	1.00	1.04	0.99	5.60	ppb
Strontium	88-1	0.94	0.92	0.98	0.95	2.80	ppb
Sulfur	34-1	-839.49	-708.46	-525.10	-691.02		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.90	0.97	0.95	0.94	3.70	ppb
Thallium	205-1	0.95	0.99	0.97	0.97	2.08	ppb
Tin	118-1	4.62	4.89	4.75	4.75	2.85	ppb
Titanium	47-1	4.75	4.62	5.01	4.80	4.15	ppb
Uranium	238-1	0.88	0.93	0.88	0.89	2.95	ppb
Vanadium	51-2	4.55	4.58	4.97	4.70	5.08	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	2.45	2.12	2.45	2.34	8.09	ppb
Zirconium	90-1	0.99	0.99	0.99	0.99	0.31	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.88	0.86	0.94	12.46	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.88	7.69	13.25	12.61	36.70	ppb
Antimony	121-1	0.27	0.27	0.30	0.28	6.31	ppb
Arsenic	75-2	0.34	0.18	0.26	0.26	29.06	ppb
Barium	135-1	1.36	1.16	1.41	1.31	10.13	ppb
Barium	137-1	1.19	1.23	1.28	1.23	3.44	ppb
Beryllium	9-1	0.15	0.11	0.25	0.17	41.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	1.33	1.53	1.60	1.49	9.37	ppb
Boron	11-1	2.01	2.41	1.56	1.99	21.45	ppb
Cadmium	111-1	0.19	0.14	0.19	0.17	14.44	ppb
Cadmium	106-1	-0.66	-0.92	-0.75	-0.77		ppb
Cadmium	108-1	0.30	0.26	0.09	0.22	52.54	ppb
Calcium	43-1	30.63	17.23	27.79	25.22	28.01	ppb
Calcium	44-1	22.55	21.57	22.40	22.17	2.38	ppb
Chromium	52-2	0.16	0.26	0.37	0.27	39.07	ppb
Cobalt	59-2	0.24	0.26	0.21	0.23	9.27	ppb
Copper	63-2	0.54	0.46	0.47	0.49	8.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	12.26	12.92	11.75	12.31	4.74	ppb
Iron	57-2	10.81	11.77	11.89	11.49	5.16	ppb
Lead	206-1	0.22	0.23	0.24	0.23	5.21	ppb
Lead	207-1	0.27	0.21	0.23	0.24	13.43	ppb
Lead	208-1	0.24	0.23	0.23	0.23	2.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	29.61	23.96	31.18	28.25	13.44	ppb
Manganese	55-2	0.48	0.55	0.36	0.46	20.64	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.30	1.15	1.12	1.19	7.88	ppb
Molybdenum	95-1	1.25	1.20	1.16	1.21	3.94	ppb
Molybdenum	96-1	1.22	1.14	1.29	1.22	5.89	ppb
Molybdenum	97-1	1.13	1.13	1.22	1.16	4.41	ppb
Molybdenum	98-1	1.19	1.23	1.24	1.22	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.28	0.38	0.29	30.58	ppb
Phosphorus	31-2	0.00	0.00	27.83	9.28	173.21	ppb
Potassium	39-2	22.93	20.93	43.68	29.18	43.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	17.02	10.64	17.13	14.93	24.89	ppb
Selenium	78-2	1.06	-0.05	1.07	0.69	92.91	ppb
Selenium	82-1	3.21	3.40	3.84	3.48	9.35	ppb
Silicon	28-1	-3.16	-4.91	-6.10	-4.72		ppb
Silver	109-1	0.24	0.29	0.24	0.26	11.92	ppb
Silver	107-1	0.26	0.29	0.24	0.26	8.57	ppb
Sodium	23-2	30.69	35.39	32.93	33.00	7.12	ppb
Strontium	86-1	0.31	0.25	0.23	0.26	15.31	ppb
Strontium	88-1	0.23	0.23	0.24	0.23	1.87	ppb
Sulfur	34-1	-305.66	-507.23	-713.48	-508.79		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.24	0.23	0.23	5.38	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	4.41	ppb
Tin	118-1	0.21	0.19	0.21	0.20	4.57	ppb
Titanium	47-1	1.34	1.11	1.22	1.22	9.30	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	2.15	ppb
Vanadium	51-2	0.18	0.23	0.21	0.21	10.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.89	0.72	0.69	0.77	13.95	ppb
Zirconium	90-1	0.21	0.24	0.24	0.23	8.22	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.19	0.23	0.24	20.02	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.99	28.84	48.76	38.20	26.22	ppb
Antimony	121-1	3.95	3.97	3.69	3.87	3.94	ppb
Arsenic	75-2	2.27	1.80	1.71	1.92	15.60	ppb
Barium	135-1	19.15	19.47	20.23	19.62	2.81	ppb
Barium	137-1	19.73	19.00	19.34	19.35	1.90	ppb
Beryllium	9-1	1.85	1.98	2.14	1.99	7.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	41.76	40.99	46.76	43.17	7.26	ppb
Boron	11-1	44.38	45.16	47.32	45.62	3.34	ppb
Cadmium	111-1	1.90	2.06	2.03	2.00	4.15	ppb
Cadmium	106-1	1.52	1.70	1.57	1.60	5.87	ppb
Cadmium	108-1	2.14	1.98	2.13	2.08	4.31	ppb
Calcium	43-1	879.75	893.93	911.89	895.19	1.80	ppb
Calcium	44-1	894.11	921.01	900.86	905.33	1.55	ppb
Chromium	52-2	3.93	3.67	4.15	3.92	6.20	ppb
Cobalt	59-2	1.87	1.87	1.95	1.89	2.42	ppb
Copper	63-2	3.74	3.44	3.70	3.63	4.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	96.62	94.32	93.24	94.73	1.83	ppb
Iron	57-2	85.89	91.43	89.48	88.93	3.16	ppb
Lead	206-1	1.88	1.94	1.94	1.92	1.87	ppb
Lead	207-1	1.95	1.85	1.87	1.89	2.80	ppb
Lead	208-1	1.91	1.90	1.93	1.91	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	939.52	905.08	968.32	937.64	3.38	ppb
Manganese	55-2	1.90	2.07	1.88	1.95	5.50	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.69	9.76	9.54	9.66	1.15	ppb
Molybdenum	95-1	9.19	9.59	9.45	9.41	2.17	ppb
Molybdenum	96-1	9.60	9.28	9.22	9.36	2.18	ppb
Molybdenum	97-1	9.27	9.62	9.40	9.43	1.92	ppb
Molybdenum	98-1	9.06	9.14	9.06	9.09	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.92	1.86	1.90	1.93	ppb
Phosphorus	31-2	0.00	0.00	27.34	9.11	173.21	ppb
Potassium	39-2	941.29	922.96	867.90	910.72	4.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	10.58	-2.17	10.53	6.31	116.39	ppb
Selenium	78-2	13.14	14.33	7.60	11.69	30.73	ppb
Selenium	82-1	10.28	10.09	10.20	10.19	0.94	ppb
Silicon	28-1	28.91	31.46	29.21	29.86	4.66	ppb
Silver	109-1	2.01	2.11	2.05	2.05	2.52	ppb
Silver	107-1	1.98	2.09	2.07	2.05	2.90	ppb
Sodium	23-2	926.19	899.01	903.96	909.72	1.59	ppb
Strontium	86-1	1.96	2.04	1.96	1.99	2.22	ppb
Strontium	88-1	1.90	1.98	1.91	1.93	2.34	ppb
Sulfur	34-1	-544.10	-340.41	-734.40	-539.63		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.93	1.97	1.92	1.94	1.49	ppb
Thallium	205-1	1.93	1.91	1.93	1.92	0.53	ppb
Tin	118-1	9.80	9.62	9.64	9.69	1.02	ppb
Titanium	47-1	9.87	9.76	9.49	9.71	2.01	ppb
Uranium	238-1	1.80	1.79	1.82	1.80	0.79	ppb
Vanadium	51-2	8.93	8.93	8.94	8.94	0.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4.51	4.52	4.55	4.53	0.47	ppb
Zirconium	90-1	1.99	1.99	1.95	1.98	1.00	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	1.73	2.04	1.90	8.42	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.47	6.57	20.51	12.18	60.36	ppb
Antimony	121-1	0.26	0.27	0.27	0.27	2.38	ppb
Arsenic	75-2	0.31	0.28	0.14	0.24	38.54	ppb
Barium	135-1	1.20	1.23	1.16	1.20	2.94	ppb
Barium	137-1	1.19	1.22	1.31	1.24	4.93	ppb
Beryllium	9-1	0.21	0.18	0.19	0.20	8.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	2.54	2.61	2.59	2.58	1.39	ppb
Boron	11-1	3.07	3.30	3.28	3.22	4.05	ppb
Cadmium	111-1	0.23	0.16	0.21	0.20	16.62	ppb
Cadmium	106-1	-0.14	-0.65	-0.29	-0.36		ppb
Cadmium	108-1	0.36	0.22	0.36	0.31	24.28	ppb
Calcium	43-1	20.77	21.98	24.74	22.50	9.05	ppb
Calcium	44-1	24.58	21.76	22.87	23.07	6.17	ppb
Chromium	52-2	0.12	0.28	0.19	0.20	41.02	ppb
Cobalt	59-2	0.27	0.21	0.20	0.23	17.81	ppb
Copper	63-2	0.41	0.46	0.39	0.42	9.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	12.39	12.64	12.48	12.51	1.01	ppb
Iron	57-2	8.03	10.53	11.87	10.15	19.20	ppb
Lead	206-1	0.22	0.23	0.22	0.22	0.87	ppb
Lead	207-1	0.21	0.21	0.22	0.21	2.18	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	29.25	31.68	24.96	28.63	11.88	ppb
Manganese	55-2	0.59	0.49	0.61	0.56	11.03	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.26	1.29	1.24	4.68	ppb
Molybdenum	95-1	1.26	1.14	1.22	1.21	4.97	ppb
Molybdenum	96-1	1.26	1.21	1.19	1.22	2.82	ppb
Molybdenum	97-1	1.41	1.21	1.13	1.25	11.33	ppb
Molybdenum	98-1	1.26	1.22	1.15	1.21	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.39	0.13	0.20	79.30	ppb
Phosphorus	31-2	27.54	59.42	0.00	28.99	102.59	ppb
Potassium	39-2	15.81	39.75	36.59	30.72	42.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	2.18	3.60	1.11	2.30	54.44	ppb
Selenium	82-1	3.19	3.28	3.95	3.47	11.93	ppb
Silicon	28-1	-0.48	-2.23	-1.14	-1.28		ppb
Silver	109-1	0.25	0.26	0.25	0.25	1.35	ppb
Silver	107-1	0.26	0.27	0.26	0.26	2.29	ppb
Sodium	23-2	36.08	39.38	38.52	37.99	4.51	ppb
Strontium	86-1	0.18	0.24	0.21	0.21	13.34	ppb
Strontium	88-1	0.24	0.23	0.23	0.23	3.73	ppb
Sulfur	34-1	-153.91	-439.59	-242.21	-278.57		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.24	0.23	0.27	0.25	9.29	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.02	ppb
Tin	118-1	0.18	0.24	0.21	0.21	15.01	ppb
Titanium	47-1	0.96	1.00	0.94	0.97	3.68	ppb
Uranium	238-1	0.25	0.24	0.25	0.25	1.44	ppb
Vanadium	51-2	0.18	0.38	0.27	0.28	36.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.75	0.69	0.53	0.65	17.39	ppb
Zirconium	90-1	0.24	0.24	0.22	0.23	3.81	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.26	0.28	0.26	6.17	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.29	16.96	4.59	14.62	62.11	ppb
Antimony	121-1	0.24	0.23	0.22	0.23	5.01	ppb
Arsenic	75-2	0.26	0.13	0.31	0.24	38.21	ppb
Barium	135-1	1.22	1.16	1.27	1.22	4.75	ppb
Barium	137-1	1.22	1.28	1.25	1.25	2.33	ppb
Beryllium	9-1	0.19	0.24	0.15	0.19	25.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	2.40	1.11	2.80	2.10	41.95	ppb
Boron	11-1	1.99	2.09	2.92	2.33	21.84	ppb
Cadmium	111-1	0.10	0.21	0.19	0.17	33.51	ppb
Cadmium	106-1	-1.64	0.12	-0.58	-0.70		ppb
Cadmium	108-1	0.31	0.05	0.18	0.18	73.63	ppb
Calcium	43-1	21.92	19.03	20.34	20.43	7.07	ppb
Calcium	44-1	24.14	23.48	19.85	22.49	10.28	ppb
Chromium	52-2	0.23	0.26	0.18	0.23	17.38	ppb
Cobalt	59-2	0.21	0.24	0.21	0.22	6.58	ppb
Copper	63-2	0.47	0.49	0.52	0.49	5.59	ppb
Dysprosium	156-1						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				97		%
Indium	115-2				99		%
Iron	56-2	11.87	12.24	12.58	12.23	2.91	ppb
Iron	57-2	10.78	11.40	9.34	10.51	10.05	ppb
Lead	206-1	0.24	0.19	0.25	0.22	12.69	ppb
Lead	207-1	0.20	0.22	0.21	0.21	5.22	ppb
Lead	208-1	0.23	0.22	0.23	0.23	3.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	21.06	26.66	27.81	25.18	14.35	ppb
Manganese	55-2	0.53	0.48	0.80	0.60	28.52	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.21	1.05	1.15	7.53	ppb
Molybdenum	95-1	1.14	1.18	1.23	1.18	3.88	ppb
Molybdenum	96-1	1.28	1.18	1.28	1.25	4.82	ppb
Molybdenum	97-1	1.25	1.13	1.18	1.18	5.35	ppb
Molybdenum	98-1	1.18	1.13	1.20	1.17	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.08	0.24	0.18	50.60	ppb
Phosphorus	31-2	0.00	0.00	59.16	19.72	173.21	ppb
Potassium	39-2	42.47	20.91	38.92	34.10	33.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	4.33	-2.17	-2.17	0.00		ppb
Selenium	78-2	1.12	2.19	2.47	1.93	37.15	ppb
Selenium	82-1	3.68	3.65	3.95	3.76	4.37	ppb
Silicon	28-1	-1.13	0.35	1.02	0.08	1420.46	ppb
Silver	109-1	0.25	0.25	0.26	0.25	3.02	ppb
Silver	107-1	0.26	0.27	0.27	0.27	1.78	ppb
Sodium	23-2	27.98	34.71	32.31	31.67	10.77	ppb
Strontium	86-1	0.18	0.21	0.32	0.24	30.27	ppb
Strontium	88-1	0.26	0.24	0.25	0.25	3.90	ppb
Sulfur	34-1	-39.29	-109.58	-51.12	-66.67		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.24	0.24	0.26	0.25	5.75	ppb
Thallium	205-1	0.23	0.23	0.21	0.22	4.20	ppb
Tin	118-1	0.15	0.20	0.22	0.19	17.86	ppb
Titanium	47-1	0.99	1.29	1.30	1.19	14.73	ppb
Uranium	238-1	0.23	0.21	0.24	0.23	6.19	ppb
Vanadium	51-2	0.23	0.27	0.22	0.24	10.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.53	0.43	0.47	0.48	9.89	ppb
Zirconium	90-1	0.22	0.24	0.26	0.24	9.37	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.20	0.26	0.25	17.42	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.88	34.70	27.04	32.87	15.73	ppb
Antimony	121-1	4.08	4.10	4.05	4.08	0.62	ppb
Arsenic	75-2	1.80	1.74	1.96	1.83	5.99	ppb
Barium	135-1	19.78	20.21	20.53	20.17	1.88	ppb
Barium	137-1	20.91	20.42	20.44	20.59	1.34	ppb
Beryllium	9-1	2.15	2.03	2.07	2.08	2.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	46.70	48.97	45.71	47.13	3.56	ppb
Boron	11-1	44.08	46.42	47.42	45.97	3.73	ppb
Cadmium	111-1	1.97	1.90	1.89	1.92	2.16	ppb
Cadmium	106-1	2.68	0.93	1.14	1.58	60.40	ppb
Cadmium	108-1	2.22	2.48	2.46	2.39	5.91	ppb
Calcium	43-1	968.56	952.54	885.55	935.55	4.71	ppb
Calcium	44-1	967.64	931.88	925.52	941.68	2.41	ppb
Chromium	52-2	3.96	4.20	4.17	4.11	3.19	ppb
Cobalt	59-2	1.82	1.98	1.89	1.90	4.37	ppb
Copper	63-2	3.77	3.79	3.74	3.77	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	97.22	97.19	93.21	95.88	2.40	ppb
Iron	57-2	97.41	100.19	98.14	98.58	1.46	ppb
Lead	206-1	2.01	1.98	1.89	1.96	3.26	ppb
Lead	207-1	2.07	1.89	1.96	1.97	4.41	ppb
Lead	208-1	1.99	1.94	1.97	1.96	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	958.20	958.34	943.57	953.37	0.89	ppb
Manganese	55-2	2.16	1.66	2.47	2.10	19.42	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.13	10.37	9.97	10.16	2.01	ppb
Molybdenum	95-1	9.71	9.86	9.36	9.64	2.69	ppb
Molybdenum	96-1	9.83	9.68	9.26	9.59	3.07	ppb
Molybdenum	97-1	9.84	9.48	10.09	9.80	3.15	ppb
Molybdenum	98-1	9.82	9.47	9.67	9.66	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.10	1.84	2.05	9.27	ppb
Phosphorus	31-2	0.00	0.00	27.13	9.04	173.21	ppb
Potassium	39-2	1025.50	906.34	902.66	944.83	7.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	-2.17	23.35	10.68	10.62	120.18	ppb
Selenium	78-2	9.92	16.47	3.28	9.89	66.65	ppb
Selenium	82-1	9.96	11.05	10.42	10.47	5.24	ppb
Silicon	28-1	40.99	33.55	33.07	35.87	12.37	ppb
Silver	109-1	2.05	2.16	2.12	2.11	2.82	ppb
Silver	107-1	2.18	2.18	2.07	2.15	3.05	ppb
Sodium	23-2	952.87	962.07	927.77	947.57	1.87	ppb
Strontium	86-1	2.15	1.91	2.02	2.03	5.78	ppb
Strontium	88-1	1.97	2.01	2.01	2.00	1.14	ppb
Sulfur	34-1	319.59	-28.62	-329.87	-12.97		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1.95	1.96	1.89	1.93	2.08	ppb
Thallium	205-1	2.01	1.97	2.02	2.00	1.21	ppb
Tin	118-1	10.22	10.00	9.82	10.01	2.04	ppb
Titanium	47-1	9.43	9.74	9.45	9.54	1.83	ppb
Uranium	238-1	1.88	1.83	1.88	1.86	1.37	ppb
Vanadium	51-2	9.98	9.53	8.89	9.47	5.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	3.81	4.75	3.65	4.07	14.59	ppb
Zirconium	90-1	2.16	2.02	2.07	2.08	3.34	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.94	2.13	2.02	2.03	4.72	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	9.71	7.57	11.14	40.07	ppb
Antimony	121-1	0.26	0.24	0.23	0.24	6.64	ppb
Arsenic	75-2	0.37	0.24	0.13	0.25	47.19	ppb
Barium	135-1	1.15	1.38	1.21	1.25	9.60	ppb
Barium	137-1	1.32	1.12	1.22	1.22	8.14	ppb
Beryllium	9-1	0.24	0.26	0.15	0.22	28.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	3.47	4.19	2.06	3.24	33.46	ppb
Boron	11-1	3.53	3.66	3.58	3.59	1.77	ppb
Cadmium	111-1	0.23	0.17	0.27	0.22	23.59	ppb
Cadmium	106-1	-0.71	-1.11	0.19	-0.54		ppb
Cadmium	108-1	0.26	0.30	0.13	0.23	38.03	ppb
Calcium	43-1	30.82	17.26	28.69	25.59	28.50	ppb
Calcium	44-1	20.78	22.03	21.52	21.44	2.92	ppb
Chromium	52-2	0.08	0.23	0.27	0.19	51.46	ppb
Cobalt	59-2	0.30	0.23	0.25	0.26	14.49	ppb
Copper	63-2	0.51	0.46	0.33	0.43	21.64	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				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	12.02	12.03	12.54	12.20	2.43	ppb
Iron	57-2	13.84	14.16	16.34	14.78	9.19	ppb
Lead	206-1	0.25	0.29	0.25	0.26	8.53	ppb
Lead	207-1	0.23	0.23	0.18	0.21	11.32	ppb
Lead	208-1	0.24	0.23	0.23	0.24	1.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	26.07	20.58	21.34	22.66	13.13	ppb
Manganese	55-2	0.63	0.34	0.50	0.49	29.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.24	1.27	1.23	1.24	1.67	ppb
Molybdenum	95-1	1.25	1.15	1.17	1.19	4.50	ppb
Molybdenum	96-1	1.16	1.15	1.30	1.20	6.78	ppb
Molybdenum	97-1	1.17	1.29	1.24	1.23	4.83	ppb
Molybdenum	98-1	1.27	1.26	1.26	1.27	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.29	0.19	0.26	20.75	ppb
Phosphorus	31-2	0.00	0.00	27.29	9.10	173.21	ppb
Potassium	39-2	32.55	41.08	29.10	34.24	18.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	11.66	-2.17	-2.17	2.44	327.44	ppb
Selenium	78-2	-1.07	-1.14	3.28	0.36	706.79	ppb
Selenium	82-1	4.23	2.65	2.92	3.27	25.95	ppb
Silicon	28-1	-3.45	-0.17	-0.60	-1.40		ppb
Silver	109-1	0.23	0.27	0.28	0.26	9.43	ppb
Silver	107-1	0.22	0.27	0.25	0.25	8.61	ppb
Sodium	23-2	43.58	38.64	28.38	36.87	21.03	ppb
Strontium	86-1	0.29	0.25	0.22	0.25	13.80	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	3.75	ppb
Sulfur	34-1	-280.42	-82.35	-72.24	-145.00		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.27	0.24	0.24	0.25	7.73	ppb
Thallium	205-1	0.26	0.26	0.23	0.25	8.00	ppb
Tin	118-1	0.24	0.23	0.21	0.23	8.45	ppb
Titanium	47-1	1.00	1.37	1.12	1.16	16.20	ppb
Uranium	238-1	0.22	0.24	0.23	0.23	4.48	ppb
Vanadium	51-2	0.16	0.24	0.19	0.20	20.75	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.61	0.93	0.67	0.74	23.11	ppb
Zirconium	90-1	0.26	0.27	0.27	0.26	1.49	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.20	0.30	0.25	19.63	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.46	11.29	13.01	12.59	9.07	ppb
Antimony	121-1	0.24	0.22	0.25	0.23	6.68	ppb
Arsenic	75-2	0.30	0.36	0.19	0.28	31.90	ppb
Barium	135-1	1.15	1.13	1.12	1.13	1.42	ppb
Barium	137-1	1.15	1.28	1.13	1.19	6.53	ppb
Beryllium	9-1	0.17	0.21	0.22	0.20	14.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	0.84	0.68	2.60	1.37	77.61	ppb
Boron	11-1	2.22	2.11	2.36	2.23	5.53	ppb
Cadmium	111-1	0.15	0.16	0.22	0.18	20.78	ppb
Cadmium	106-1	-0.48	-1.14	-0.44	-0.68		ppb
Cadmium	108-1	0.13	0.36	0.44	0.31	52.18	ppb
Calcium	43-1	17.72	21.90	13.15	17.59	24.87	ppb
Calcium	44-1	20.94	21.13	20.90	20.99	0.58	ppb
Chromium	52-2	0.36	0.26	0.23	0.28	23.43	ppb
Cobalt	59-2	0.32	0.19	0.23	0.25	27.46	ppb
Copper	63-2	0.68	0.42	0.49	0.53	25.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	14.28	11.94	11.43	12.55	12.12	ppb
Iron	57-2	12.00	17.06	13.79	14.28	17.98	ppb
Lead	206-1	0.23	0.26	0.27	0.25	9.10	ppb
Lead	207-1	0.17	0.22	0.20	0.20	11.62	ppb
Lead	208-1	0.21	0.22	0.26	0.23	11.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	29.47	28.91	36.33	31.57	13.08	ppb
Manganese	55-2	0.58	0.45	0.52	0.52	12.13	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	1.15	1.13	1.13	1.71	ppb
Molybdenum	95-1	1.20	1.18	1.16	1.18	1.53	ppb
Molybdenum	96-1	1.16	1.14	1.20	1.17	2.50	ppb
Molybdenum	97-1	1.25	1.22	1.23	1.23	1.23	ppb
Molybdenum	98-1	1.16	1.15	1.16	1.16	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.24	0.29	0.34	38.24	ppb
Phosphorus	31-2	63.46	27.58	27.42	39.49	52.58	ppb
Potassium	39-2	58.14	15.34	23.22	32.23	70.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	5.10	10.74	4.27	6.70	52.57	ppb
Selenium	78-2	-1.00	-1.15	-2.26	-1.47		ppb
Selenium	82-1	3.12	3.59	4.18	3.63	14.61	ppb
Silicon	28-1	-3.66	-0.92	-0.27	-1.62		ppb
Silver	109-1	0.28	0.25	0.24	0.26	6.96	ppb
Silver	107-1	0.25	0.27	0.25	0.25	5.20	ppb
Sodium	23-2	52.63	31.70	29.18	37.84	34.03	ppb
Strontium	86-1	0.24	0.34	0.30	0.30	17.38	ppb
Strontium	88-1	0.22	0.24	0.23	0.23	5.07	ppb
Sulfur	34-1	-284.73	-131.65	11.35	-135.01		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.26	0.22	0.23	14.12	ppb
Thallium	205-1	0.22	0.21	0.24	0.22	7.01	ppb
Tin	118-1	0.15	0.20	0.17	0.17	13.13	ppb
Titanium	47-1	1.26	1.13	1.32	1.24	8.13	ppb
Uranium	238-1	0.21	0.21	0.22	0.21	2.69	ppb
Vanadium	51-2	0.25	0.21	0.36	0.27	28.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.68	0.88	0.61	0.72	19.21	ppb
Zirconium	90-1	0.23	0.24	0.25	0.24	3.51	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.23	0.26	0.24	8.74	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.49	44.92	38.19	36.20	27.26	ppb
Antimony	121-1	3.84	3.94	3.97	3.91	1.83	ppb
Arsenic	75-2	1.99	1.88	2.06	1.98	4.52	ppb
Barium	135-1	19.46	19.51	19.33	19.43	0.47	ppb
Barium	137-1	19.79	19.50	19.34	19.54	1.15	ppb
Beryllium	9-1	2.30	1.91	2.09	2.10	9.37	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	43.37	42.67	44.47	43.50	2.09	ppb
Boron	11-1	41.36	43.12	43.35	42.61	2.56	ppb
Cadmium	111-1	1.81	1.86	1.92	1.86	2.97	ppb
Cadmium	106-1	1.77	0.29	1.37	1.14	67.35	ppb
Cadmium	108-1	2.22	1.93	2.02	2.05	7.23	ppb
Calcium	43-1	913.23	901.91	899.60	904.91	0.81	ppb
Calcium	44-1	896.78	884.55	878.98	886.77	1.03	ppb
Chromium	52-2	4.14	3.84	4.28	4.09	5.48	ppb
Cobalt	59-2	1.82	1.79	1.88	1.83	2.30	ppb
Copper	63-2	3.55	3.91	3.70	3.72	4.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	95.33	91.77	93.49	93.53	1.90	ppb
Iron	57-2	98.41	86.38	84.05	89.61	8.60	ppb
Lead	206-1	1.80	1.80	1.81	1.80	0.49	ppb
Lead	207-1	1.85	1.78	1.84	1.82	2.17	ppb
Lead	208-1	1.81	1.83	1.89	1.84	2.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	906.99	912.06	935.28	918.11	1.64	ppb
Manganese	55-2	2.16	1.87	1.69	1.91	12.44	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.28	9.49	9.37	9.38	1.13	ppb
Molybdenum	95-1	9.37	9.05	9.18	9.20	1.71	ppb
Molybdenum	96-1	9.18	9.38	9.30	9.29	1.08	ppb
Molybdenum	97-1	9.17	8.91	9.29	9.12	2.14	ppb
Molybdenum	98-1	9.19	9.20	9.12	9.17	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.94	1.65	1.86	10.00	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	949.48	883.30	960.89	931.22	4.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	-2.17	4.17	-2.17	-0.06		ppb
Selenium	78-2	7.63	7.60	10.89	8.71	21.77	ppb
Selenium	82-1	11.09	11.23	9.72	10.68	7.81	ppb
Silicon	28-1	31.73	29.56	30.53	30.60	3.55	ppb
Silver	109-1	2.05	1.91	1.97	1.98	3.49	ppb
Silver	107-1	2.05	1.96	2.10	2.04	3.32	ppb
Sodium	23-2	890.57	896.20	918.66	901.81	1.65	ppb
Strontium	86-1	1.92	1.86	1.87	1.88	1.83	ppb
Strontium	88-1	1.91	1.88	1.92	1.90	1.04	ppb
Sulfur	34-1	-64.58	-157.36	-467.39	-229.78		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.80	1.95	1.90	1.88	4.22	ppb
Thallium	205-1	1.85	1.85	1.92	1.88	2.13	ppb
Tin	118-1	9.50	9.37	9.40	9.42	0.69	ppb
Titanium	47-1	10.49	9.51	8.77	9.59	9.02	ppb
Uranium	238-1	1.84	1.79	1.79	1.80	1.54	ppb
Vanadium	51-2	9.15	8.70	9.11	8.99	2.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	3.78	4.17	3.89	3.95	5.17	ppb
Zirconium	90-1	1.94	1.91	1.92	1.92	0.98	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.86	1.84	1.89	4.00	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.10	5.96	14.46	12.17	44.72	ppb
Antimony	121-1	0.24	0.28	0.27	0.26	8.37	ppb
Arsenic	75-2	0.13	0.21	0.33	0.22	44.06	ppb
Barium	135-1	1.14	1.25	1.38	1.26	9.46	ppb
Barium	137-1	1.18	1.12	1.44	1.25	13.60	ppb
Beryllium	9-1	0.25	0.18	0.14	0.19	29.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	3.42	1.78	3.35	2.85	32.44	ppb
Boron	11-1	3.06	3.25	3.27	3.19	3.57	ppb
Cadmium	111-1	0.28	0.19	0.20	0.23	21.69	ppb
Cadmium	106-1	0.44	-0.88	-0.05	-0.17		ppb
Cadmium	108-1	0.13	0.18	0.14	0.15	16.55	ppb
Calcium	43-1	27.08	34.86	16.66	26.20	34.85	ppb
Calcium	44-1	19.40	20.45	22.89	20.92	8.57	ppb
Chromium	52-2	0.13	0.18	0.13	0.15	17.11	ppb
Cobalt	59-2	0.27	0.20	0.20	0.23	16.85	ppb
Copper	63-2	0.41	0.47	0.43	0.44	6.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	10.70	12.03	10.89	11.21	6.44	ppb
Iron	57-2	8.76	11.34	8.84	9.65	15.23	ppb
Lead	206-1	0.20	0.19	0.22	0.20	8.34	ppb
Lead	207-1	0.22	0.22	0.21	0.22	3.48	ppb
Lead	208-1	0.23	0.22	0.23	0.22	1.99	ppb
Lithium	6-1				101		%
Magnesium	24-2	23.72	27.29	25.79	25.60	7.01	ppb
Manganese	55-2	0.43	0.34	0.48	0.42	16.75	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.20	1.19	1.29	1.23	4.29	ppb
Molybdenum	95-1	1.18	1.30	1.23	1.24	5.04	ppb
Molybdenum	96-1	1.18	1.12	1.25	1.18	5.30	ppb
Molybdenum	97-1	1.29	1.04	1.16	1.16	10.58	ppb
Molybdenum	98-1	1.15	1.19	1.18	1.18	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.19	0.24	0.25	21.78	ppb
Phosphorus	31-2	26.73	0.00	0.00	8.91	173.21	ppb
Potassium	39-2	35.97	38.74	33.20	35.97	7.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	4.20	-2.17	-2.17	-0.05		ppb
Selenium	78-2	-0.06	4.41	-0.09	1.42	182.00	ppb
Selenium	82-1	3.40	3.63	3.56	3.53	3.36	ppb
Silicon	28-1	-2.26	-0.18	-0.35	-0.93		ppb
Silver	109-1	0.25	0.22	0.23	0.23	6.53	ppb
Silver	107-1	0.28	0.26	0.23	0.26	9.86	ppb
Sodium	23-2	27.47	26.60	16.23	23.43	26.67	ppb
Strontium	86-1	0.18	0.26	0.22	0.22	18.43	ppb
Strontium	88-1	0.24	0.24	0.25	0.25	2.75	ppb
Sulfur	34-1	-335.33	-163.40	-213.57	-237.43		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.23	0.27	0.24	10.71	ppb
Thallium	205-1	0.24	0.24	0.22	0.23	3.11	ppb
Tin	118-1	0.17	0.18	0.20	0.19	7.30	ppb
Titanium	47-1	1.12	1.15	1.39	1.22	12.12	ppb
Uranium	238-1	0.21	0.22	0.22	0.22	1.61	ppb
Vanadium	51-2	0.18	0.27	0.30	0.25	25.71	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	0.78	0.63	0.47	0.63	24.83	ppb
Zirconium	90-1	0.22	0.26	0.22	0.23	9.29	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.35	0.28	20.63	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48481.18	48342.74	47505.00	48109.64	1.10	ppb
Antimony	121-1	511.02	508.83	558.33	526.06	5.32	ppb
Arsenic	75-2	479.79	483.76	485.72	483.09	0.62	ppb
Barium	135-1	2575.98	2560.22	2830.46	2655.55	5.71	ppb
Barium	137-1	2556.82	2531.99	2758.74	2615.85	4.75	ppb
Beryllium	9-1	530.61	520.90	576.52	542.68	5.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	523.10	528.88	582.58	544.85	6.02	ppb
Boron	11-1	523.67	524.93	585.45	544.68	6.48	ppb
Cadmium	111-1	498.08	494.40	545.96	512.81	5.61	ppb
Cadmium	106-1	492.70	496.26	553.17	514.04	6.60	ppb
Cadmium	108-1	495.74	493.24	551.46	513.48	6.41	ppb
Calcium	43-1	239757.81	238460.51	262105.55	246774.63	5.39	ppb
Calcium	44-1	237701.22	235942.21	259311.61	244318.35	5.33	ppb
Chromium	52-2	495.85	488.23	486.51	490.20	1.01	ppb
Cobalt	59-2	469.93	470.87	466.54	469.11	0.49	ppb
Copper	63-2	920.12	916.75	906.08	914.32	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	118068.31	117134.15	115841.31	117014.59	0.96	ppb
Iron	57-2	115300.39	114781.21	113792.80	114624.80	0.67	ppb
Lead	206-1	515.25	510.29	557.59	527.71	4.93	ppb
Lead	207-1	509.55	508.66	552.05	523.42	4.74	ppb
Lead	208-1	513.36	512.73	553.73	526.60	4.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	245790.43	242286.52	241329.76	243135.57	0.97	ppb
Manganese	55-2	973.17	962.89	962.17	966.08	0.64	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2541.90	2527.64	2788.41	2619.32	5.60	ppb
Molybdenum	95-1	2552.23	2538.73	2791.37	2627.44	5.41	ppb
Molybdenum	96-1	2527.29	2529.99	2758.55	2605.28	5.10	ppb
Molybdenum	97-1	2545.83	2543.08	2821.39	2636.77	6.06	ppb
Molybdenum	98-1	2516.89	2540.82	2783.58	2613.76	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.41	467.72	461.50	466.21	0.89	ppb
Phosphorus	31-2	9860.72	9534.93	10567.43	9987.70	5.28	ppb
Potassium	39-2	123156.23	120170.81	118412.73	120579.92	1.99	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	508.84	453.34	478.67	480.29	5.79	ppb
Selenium	78-2	507.27	514.15	480.34	500.59	3.57	ppb
Selenium	82-1	502.83	505.42	550.99	519.75	5.21	ppb
Silicon	28-1	529.01	514.26	588.88	544.05	7.26	ppb
Silver	109-1	506.81	496.16	548.96	517.31	5.40	ppb
Silver	107-1	506.13	497.86	553.83	519.27	5.82	ppb
Sodium	23-2	239998.37	236890.22	235567.55	237485.38	0.96	ppb
Strontium	86-1	512.17	519.16	566.87	532.73	5.59	ppb
Strontium	88-1	519.47	525.41	576.10	540.33	5.76	ppb
Sulfur	34-1	9473.46	9304.53	11858.15	10212.05	13.98	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	509.12	509.13	553.71	523.99	4.91	ppb
Thallium	205-1	514.32	511.57	555.92	527.27	4.71	ppb
Tin	118-1	515.23	507.51	560.86	527.87	5.46	ppb
Titanium	47-1	2564.59	2522.00	2808.06	2631.55	5.86	ppb
Uranium	238-1	509.36	511.06	556.26	525.56	5.06	ppb
Vanadium	51-2	490.64	486.98	479.23	485.62	1.20	ppb
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	924.81	915.28	917.07	919.05	0.55	ppb
Zirconium	90-1	509.65	517.64	569.36	532.21	6.09	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.84	501.48	551.03	518.78	5.39	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	-3.15	2.51	-0.66		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	17.33	ppb
Arsenic	75-2	0.03	-0.02	0.04	0.02	182.35	ppb
Barium	135-1	0.01	0.04	0.06	0.04	72.08	ppb
Barium	137-1	0.06	0.04	0.03	0.04	30.41	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	92.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	4.00	1.43	1.83	2.42	57.04	ppb
Boron	11-1	3.66	3.19	3.03	3.29	10.05	ppb
Cadmium	111-1	0.00	-0.05	0.01	-0.01		ppb
Cadmium	106-1	0.00	-0.62	0.32	-0.10		ppb
Cadmium	108-1	0.00	-0.13	0.04	-0.03		ppb
Calcium	43-1	12.25	-9.17	-2.61	0.16	7049.53	ppb
Calcium	44-1	-3.47	-1.67	-2.25	-2.46		ppb
Chromium	52-2	-0.04	-0.07	-0.09	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.03	-0.03	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2.10	2.02	1.36	1.83	22.22	ppb
Iron	57-2	2.73	6.46	0.74	3.31	87.73	ppb
Lead	206-1	0.03	0.01	0.02	0.02	34.00	ppb
Lead	207-1	0.03	0.01	0.01	0.02	76.11	ppb
Lead	208-1	0.03	0.03	0.02	0.03	24.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	9.34	2.88	5.71	5.98	54.16	ppb
Manganese	55-2	-0.03	0.01	0.01	0.00		ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.06	0.05	0.04	49.16	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	24.67	ppb
Molybdenum	96-1	0.07	0.03	0.08	0.06	48.00	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	53.37	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.04	29.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.13	0.05	-0.03		ppb
Phosphorus	31-2	0.00	0.00	28.79	9.60	173.21	ppb
Potassium	39-2	19.67	8.65	27.59	18.64	51.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-2.26	-2.26	1.18	-1.11		ppb
Selenium	82-1	0.03	-0.28	-0.40	-0.22		ppb
Silicon	28-1	-9.73	-5.84	-8.92	-8.16		ppb
Silver	109-1	0.01	0.01	0.00	0.01	79.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.23	ppb
Sodium	23-2	17.23	17.78	25.44	20.15	22.78	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	77.81	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	94.41	ppb
Sulfur	34-1	-1132.03	-866.73	-1017.05	-1005.27		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.92	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	32.79	ppb
Tin	118-1	-0.05	-0.10	-0.09	-0.08		ppb
Titanium	47-1	0.00	0.04	0.00	0.01	144.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	109.45	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.00	-0.06	-0.16	-0.07		ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	68.03	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.02	0.01	234.82	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.20	22.09	21.64	23.31	10.80	ppb
Antimony	121-1	1.94	2.01	2.12	2.02	4.69	ppb
Arsenic	75-2	0.88	1.03	0.92	0.94	8.11	ppb
Barium	135-1	9.65	9.35	10.15	9.72	4.18	ppb
Barium	137-1	9.46	9.75	10.01	9.74	2.82	ppb
Beryllium	9-1	1.04	0.97	1.09	1.03	6.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	20.58	23.69	26.15	23.47	11.90	ppb
Boron	11-1	23.50	22.96	25.52	23.99	5.63	ppb
Cadmium	111-1	0.83	0.95	1.03	0.94	10.80	ppb
Cadmium	106-1	-0.49	-0.27	0.83	0.02	3003.34	ppb
Cadmium	108-1	1.26	0.84	0.74	0.94	29.14	ppb
Calcium	43-1	426.81	454.88	443.10	441.60	3.19	ppb
Calcium	44-1	445.28	439.84	478.37	454.50	4.59	ppb
Chromium	52-2	1.85	2.06	2.06	1.99	6.22	ppb
Cobalt	59-2	0.97	0.91	0.98	0.96	4.04	ppb
Copper	63-2	2.05	1.73	1.86	1.88	8.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	49.74	47.14	47.36	48.08	3.00	ppb
Iron	57-2	49.18	41.93	46.87	45.99	8.05	ppb
Lead	206-1	0.94	0.94	0.97	0.95	1.80	ppb
Lead	207-1	0.91	0.90	1.07	0.96	9.70	ppb
Lead	208-1	0.95	0.94	1.02	0.97	4.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	444.89	457.33	483.56	461.93	4.27	ppb
Manganese	55-2	1.32	0.99	1.18	1.16	14.32	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.87	4.64	5.23	4.91	6.04	ppb
Molybdenum	95-1	4.64	4.61	4.95	4.74	4.02	ppb
Molybdenum	96-1	4.65	4.57	5.28	4.83	8.07	ppb
Molybdenum	97-1	4.83	4.42	4.95	4.74	5.89	ppb
Molybdenum	98-1	4.60	4.59	5.06	4.75	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.06	0.95	1.05	9.31	ppb
Phosphorus	31-2	0.00	27.54	27.05	18.20	86.61	ppb
Potassium	39-2	521.66	483.49	464.77	489.97	5.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	-2.17	4.15	4.23	2.07	177.47	ppb
Selenium	78-2	1.03	-0.08	-1.15	-0.06		ppb
Selenium	82-1	5.82	4.49	5.31	5.21	12.93	ppb
Silicon	28-1	8.01	6.94	19.95	11.63	62.12	ppb
Silver	109-1	1.00	1.01	1.08	1.03	4.45	ppb
Silver	107-1	1.01	0.94	1.06	1.01	5.89	ppb
Sodium	23-2	488.29	489.63	472.80	483.57	1.93	ppb
Strontium	86-1	0.98	1.03	1.07	1.03	4.57	ppb
Strontium	88-1	0.99	0.96	1.04	1.00	4.04	ppb
Sulfur	34-1	-858.11	-1018.74	124.51	-584.11		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	1.01	0.90	1.02	0.98	6.68	ppb
Thallium	205-1	0.98	0.97	1.04	1.00	4.28	ppb
Tin	118-1	4.64	4.82	5.18	4.88	5.64	ppb
Titanium	47-1	4.56	4.79	4.55	4.64	2.96	ppb
Uranium	238-1	0.90	0.89	1.01	0.94	7.33	ppb
Vanadium	51-2	4.79	4.89	4.43	4.70	5.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2.59	2.90	2.87	2.78	6.16	ppb
Zirconium	90-1	0.98	0.98	1.08	1.01	5.43	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.86	1.01	0.98	11.09	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.73	23.54	22.30	19.52	30.30	ppb
Antimony	121-1	1.94	1.86	1.95	1.91	2.44	ppb
Arsenic	75-2	0.88	0.68	0.86	0.81	13.48	ppb
Barium	135-1	9.67	9.32	9.20	9.40	2.61	ppb
Barium	137-1	9.64	9.61	9.44	9.57	1.12	ppb
Beryllium	9-1	0.96	1.03	0.78	0.92	14.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	25.52	23.14	25.54	24.73	5.57	ppb
Boron	11-1	21.85	23.92	23.57	23.11	4.79	ppb
Cadmium	111-1	0.72	0.96	0.91	0.86	14.55	ppb
Cadmium	106-1	-1.62	0.49	-0.51	-0.55		ppb
Cadmium	108-1	1.07	1.09	0.79	0.98	16.87	ppb
Calcium	43-1	438.79	460.04	441.63	446.82	2.58	ppb
Calcium	44-1	447.06	437.00	437.28	440.45	1.30	ppb
Chromium	52-2	1.93	1.82	1.87	1.87	3.13	ppb
Cobalt	59-2	0.86	0.84	0.88	0.86	2.30	ppb
Copper	63-2	1.80	1.92	1.86	1.86	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	45.27	46.52	48.04	46.61	2.98	ppb
Iron	57-2	53.95	49.20	51.38	51.51	4.62	ppb
Lead	206-1	0.93	0.87	0.96	0.92	4.68	ppb
Lead	207-1	0.91	0.92	0.89	0.91	1.67	ppb
Lead	208-1	0.93	0.91	0.92	0.92	0.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	462.77	449.75	477.82	463.45	3.03	ppb
Manganese	55-2	0.78	0.80	1.42	1.00	36.50	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.48	4.63	4.60	2.36	ppb
Molybdenum	95-1	4.76	4.28	4.56	4.53	5.39	ppb
Molybdenum	96-1	4.62	4.54	4.57	4.58	0.81	ppb
Molybdenum	97-1	4.83	4.38	4.45	4.55	5.31	ppb
Molybdenum	98-1	4.53	4.41	4.50	4.48	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.97	0.81	0.95	14.62	ppb
Phosphorus	31-2	53.94	0.00	0.00	17.98	173.21	ppb
Potassium	39-2	512.55	456.41	452.46	473.81	7.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	10.49	-2.17	4.18	4.16	152.00	ppb
Selenium	78-2	4.29	2.12	2.13	2.85	43.92	ppb
Selenium	82-1	4.91	5.70	4.98	5.20	8.44	ppb
Silicon	28-1	9.34	9.24	8.79	9.12	3.23	ppb
Silver	109-1	0.98	0.97	1.00	0.98	1.64	ppb
Silver	107-1	1.02	0.94	1.00	0.99	4.12	ppb
Sodium	23-2	468.44	467.30	475.05	470.26	0.89	ppb
Strontium	86-1	0.77	0.78	0.98	0.84	14.56	ppb
Strontium	88-1	0.97	0.95	0.94	0.95	1.48	ppb
Sulfur	34-1	-378.37	-632.01	-656.83	-555.74		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.97	0.88	0.92	0.92	4.80	ppb
Thallium	205-1	0.91	0.98	0.90	0.93	4.76	ppb
Tin	118-1	4.50	4.57	4.42	4.50	1.76	ppb
Titanium	47-1	4.10	4.73	4.73	4.52	8.02	ppb
Uranium	238-1	0.87	0.86	0.91	0.88	3.01	ppb
Vanadium	51-2	4.16	4.09	4.25	4.17	1.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	2.06	1.63	1.90	1.87	11.64	ppb
Zirconium	90-1	0.99	0.83	0.99	0.94	10.25	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.98	0.94	0.96	2.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	0.41	-3.15	-1.36		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	42.95	ppb
Arsenic	75-2	-0.02	-0.04	-0.02	-0.03		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.02	0.01	0.01	66.85	ppb
Beryllium	9-1	-0.03	-0.01	0.03	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	1.38	2.03	2.05	1.82	21.12	ppb
Boron	11-1	2.07	2.82	1.97	2.29	20.18	ppb
Cadmium	111-1	-0.16	-0.03	-0.06	-0.08		ppb
Cadmium	106-1	-2.15	-0.30	-0.69	-1.05		ppb
Cadmium	108-1	0.00	0.01	0.04	0.02	143.88	ppb
Calcium	43-1	1.60	4.01	0.97	2.19	73.24	ppb
Calcium	44-1	-2.15	0.97	-0.83	-0.67		ppb
Chromium	52-2	0.00	-0.12	-0.15	-0.09		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	-0.04	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	0.24	0.21	0.56	0.34	57.11	ppb
Iron	57-2	1.13	-0.46	-0.46	0.07	1302.62	ppb
Lead	206-1	0.03	0.01	0.01	0.01	101.25	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.00	0.01	0.01	38.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	11.19	6.89	7.63	8.57	26.82	ppb
Manganese	55-2	-0.03	0.05	0.03	0.01	273.68	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.04	0.03	0.01	671.47	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	138.14	ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	175.92	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	320.01	ppb
Molybdenum	98-1	-0.01	0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.14	-0.04	-0.11		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	29.88	4.27	4.18	12.77	115.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-1.16	-0.04	-2.26	-1.15		ppb
Selenium	82-1	0.05	0.28	0.31	0.21	68.26	ppb
Silicon	28-1	-3.26	2.64	-2.72	-1.12		ppb
Silver	109-1	0.00	0.00	0.01	0.00	154.35	ppb
Silver	107-1	0.00	0.01	0.01	0.01	62.90	ppb
Sodium	23-2	8.07	8.64	14.03	10.25	32.07	ppb
Strontium	86-1	-0.02	0.02	0.06	0.02	217.74	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-323.12	559.25	-389.11	-50.99		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	18.00	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	147.52	ppb
Tin	118-1	0.01	0.02	0.04	0.02	91.07	ppb
Titanium	47-1	0.08	-0.09	0.02	0.00	2068.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	0.42	0.35	0.25	0.34	24.53	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	41.57	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

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

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9401.08	9425.00	9469.68	9431.92	0.37	ppb
Antimony	121-1	516.10	514.02	517.23	515.78	0.32	ppb
Arsenic	75-2	485.33	482.06	483.36	483.58	0.34	ppb
Barium	135-1	2561.53	2608.59	2577.05	2582.39	0.93	ppb
Barium	137-1	2538.83	2553.14	2533.47	2541.81	0.40	ppb
Beryllium	9-1	505.85	503.51	503.97	504.44	0.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	465.51	478.40	491.07	478.33	2.67	ppb
Boron	11-1	472.59	478.70	487.85	479.71	1.60	ppb
Cadmium	111-1	512.00	517.18	517.57	515.58	0.60	ppb
Cadmium	106-1	515.31	511.99	518.17	515.16	0.60	ppb
Cadmium	108-1	511.41	513.92	511.89	512.41	0.26	ppb
Calcium	43-1	48291.01	47891.95	48290.77	48157.91	0.48	ppb
Calcium	44-1	48500.74	47886.63	47569.40	47985.59	0.99	ppb
Chromium	52-2	477.93	482.64	483.78	481.45	0.64	ppb
Cobalt	59-2	475.02	481.57	481.38	479.32	0.78	ppb
Copper	63-2	938.69	950.60	959.21	949.50	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	23992.38	24108.81	24106.39	24069.19	0.28	ppb
Iron	57-2	23403.50	23468.72	23566.67	23479.63	0.35	ppb
Lead	206-1	503.42	505.29	500.91	503.21	0.44	ppb
Lead	207-1	501.25	501.51	505.03	502.60	0.42	ppb
Lead	208-1	501.33	503.34	500.77	501.81	0.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	47442.12	48137.46	48469.69	48016.42	1.09	ppb
Manganese	55-2	953.58	968.89	965.83	962.77	0.84	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2520.38	2498.71	2519.66	2512.92	0.49	ppb
Molybdenum	95-1	2519.64	2483.68	2501.39	2501.57	0.72	ppb
Molybdenum	96-1	2530.88	2479.78	2500.62	2503.76	1.03	ppb
Molybdenum	97-1	2541.90	2500.86	2523.80	2522.19	0.82	ppb
Molybdenum	98-1	2522.00	2485.04	2517.46	2508.17	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.84	482.00	482.20	477.35	1.72	ppb
Phosphorus	31-2	10529.56	10437.27	9686.53	10217.79	4.53	ppb
Potassium	39-2	23360.16	23862.45	23927.96	23716.86	1.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	481.30	506.79	486.13	491.40	2.76	ppb
Selenium	78-2	489.44	517.06	513.33	506.61	2.96	ppb
Selenium	82-1	505.99	507.91	507.69	507.19	0.21	ppb
Silicon	28-1	534.38	527.44	523.64	528.49	1.03	ppb
Silver	109-1	519.17	517.25	522.46	519.62	0.51	ppb
Silver	107-1	519.77	529.74	523.87	524.46	0.96	ppb
Sodium	23-2	48564.73	48214.93	49041.29	48606.98	0.85	ppb
Strontium	86-1	503.70	497.69	494.84	498.75	0.91	ppb
Strontium	88-1	501.97	504.46	504.64	503.69	0.30	ppb
Sulfur	34-1	10365.76	9466.11	9534.85	9788.91	5.12	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	505.57	505.40	504.12	505.03	0.16	ppb
Thallium	205-1	499.26	504.31	501.88	501.82	0.50	ppb
Tin	118-1	518.95	517.97	520.41	519.11	0.24	ppb
Titanium	47-1	2562.92	2501.40	2516.89	2527.07	1.27	ppb
Uranium	238-1	487.06	492.36	489.59	489.67	0.54	ppb
Vanadium	51-2	476.55	478.75	485.25	480.18	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	933.74	941.28	955.93	943.65	1.20	ppb
Zirconium	90-1	506.33	504.79	505.20	505.44	0.16	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.07	492.12	492.14	493.11	0.34	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	-3.15	-3.15	-2.53		ppb
Antimony	121-1	0.31	0.36	0.37	0.35	9.00	ppb
Arsenic	75-2	0.03	-0.02	-0.02	0.00		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	568.41	ppb
Barium	137-1	0.02	0.01	0.02	0.01	54.81	ppb
Beryllium	9-1	0.21	0.25	0.22	0.23	7.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	17.35	20.20	12.38	16.64	23.80	ppb
Boron	11-1	17.73	17.36	13.64	16.24	13.92	ppb
Cadmium	111-1	-0.04	0.03	-0.06	-0.02		ppb
Cadmium	106-1	-0.65	0.28	-0.75	-0.37		ppb
Cadmium	108-1	-0.09	0.01	-0.13	-0.07		ppb
Calcium	43-1	3.14	9.12	3.44	5.23	64.46	ppb
Calcium	44-1	0.66	4.08	-0.22	1.51	150.59	ppb
Chromium	52-2	0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.02	0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	1.42	0.97	1.21	1.20	18.98	ppb
Iron	57-2	0.15	-0.35	0.73	0.18	305.95	ppb
Lead	206-1	0.05	0.05	0.06	0.05	10.67	ppb
Lead	207-1	0.04	0.04	0.04	0.04	9.92	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.92	8.65	4.47	6.35	33.40	ppb
Manganese	55-2	0.01	-0.01	0.03	0.01	149.29	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.19	0.16	0.18	9.41	ppb
Molybdenum	95-1	0.20	0.23	0.18	0.20	13.05	ppb
Molybdenum	96-1	0.20	0.19	0.20	0.19	2.92	ppb
Molybdenum	97-1	0.20	0.20	0.24	0.21	10.57	ppb
Molybdenum	98-1	0.24	0.20	0.20	0.21	11.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.24	-0.15	-0.20		ppb
Phosphorus	31-2	0.00	0.00	28.69	9.56	173.21	ppb
Potassium	39-2	-2.27	34.19	22.03	17.98	103.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	1.13	-1.14	-0.02	-0.01		ppb
Selenium	82-1	0.63	0.51	-0.15	0.33	127.42	ppb
Silicon	28-1	-2.18	5.34	-1.37	0.59	695.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.54	ppb
Silver	107-1	0.01	0.02	0.02	0.02	56.60	ppb
Sodium	23-2	12.08	23.65	21.63	19.12	32.32	ppb
Strontium	86-1	-0.03	0.06	0.00	0.01	345.89	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	334.18	ppb
Sulfur	34-1	-1475.50	-523.90	-1273.55	-1090.98		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.13	0.10	0.12	13.43	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	6.81	ppb
Tin	118-1	0.05	0.07	0.04	0.05	25.49	ppb
Titanium	47-1	0.01	0.05	-0.01	0.02	208.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	295.94	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.71	0.32	0.52	0.52	37.54	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	28.61	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	231.43	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9512.82	10216.17	9663.78	9797.59	3.78	ppb
Antimony	121-1	514.05	501.86	514.82	510.24	1.42	ppb
Arsenic	75-2	498.61	531.78	489.74	506.71	4.37	ppb
Barium	135-1	2545.70	2504.50	2570.30	2540.16	1.31	ppb
Barium	137-1	2501.79	2502.99	2545.25	2516.68	0.98	ppb
Beryllium	9-1	502.66	498.53	506.86	502.68	0.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	477.45	483.48	491.99	484.31	1.51	ppb
Boron	11-1	475.36	480.93	495.74	484.01	2.18	ppb
Cadmium	111-1	506.54	502.25	510.54	506.44	0.82	ppb
Cadmium	106-1	503.83	507.96	504.73	505.51	0.43	ppb
Cadmium	108-1	516.59	493.48	523.24	511.11	3.06	ppb
Calcium	43-1	47958.87	47394.61	48272.41	47875.30	0.93	ppb
Calcium	44-1	47702.08	47620.02	48048.26	47790.12	0.48	ppb
Chromium	52-2	474.71	516.45	484.77	491.97	4.43	ppb
Cobalt	59-2	473.20	513.70	479.64	488.85	4.45	ppb
Copper	63-2	936.39	1015.52	954.03	968.65	4.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	23874.62	25708.12	24103.73	24562.16	4.07	ppb
Iron	57-2	23446.07	25467.96	23698.70	24204.24	4.55	ppb
Lead	206-1	495.52	504.05	505.74	501.77	1.09	ppb
Lead	207-1	490.17	496.22	494.66	493.69	0.64	ppb
Lead	208-1	491.06	501.50	502.57	498.38	1.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	47205.43	52310.84	47859.19	49125.15	5.66	ppb
Manganese	55-2	952.52	1035.27	964.77	984.18	4.54	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.74	2499.44	2521.09	2505.76	0.53	ppb
Molybdenum	95-1	2515.65	2477.83	2548.71	2514.06	1.41	ppb
Molybdenum	96-1	2500.27	2466.28	2502.61	2489.72	0.82	ppb
Molybdenum	97-1	2519.70	2504.25	2546.96	2523.64	0.86	ppb
Molybdenum	98-1	2478.41	2480.67	2519.93	2493.00	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.60	513.16	479.00	488.25	4.47	ppb
Phosphorus	31-2	9081.55	11146.33	9620.44	9949.44	10.76	ppb
Potassium	39-2	23411.97	25568.24	23873.45	24284.55	4.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	414.38	594.31	412.29	473.66	22.06	ppb
Selenium	78-2	527.17	511.22	498.41	512.27	2.81	ppb
Selenium	82-1	498.97	505.88	506.81	503.89	0.85	ppb
Silicon	28-1	515.70	520.91	518.17	518.26	0.50	ppb
Silver	109-1	516.20	516.55	522.83	518.53	0.72	ppb
Silver	107-1	515.93	511.88	518.55	515.45	0.65	ppb
Sodium	23-2	48292.01	52201.79	48091.45	49528.41	4.68	ppb
Strontium	86-1	494.20	494.00	499.74	495.98	0.66	ppb
Strontium	88-1	501.29	498.55	500.26	500.03	0.28	ppb
Sulfur	34-1	9231.09	8881.27	9058.88	9057.08	1.93	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	496.63	501.02	503.20	500.29	0.67	ppb
Thallium	205-1	490.17	500.20	501.83	497.40	1.27	ppb
Tin	118-1	506.82	508.12	521.91	512.28	1.63	ppb
Titanium	47-1	2521.61	2524.35	2528.03	2524.66	0.13	ppb
Uranium	238-1	487.21	491.58	493.48	490.76	0.66	ppb
Vanadium	51-2	475.05	519.91	481.37	492.11	4.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	940.51	1022.09	946.14	969.58	4.70	ppb
Zirconium	90-1	503.26	500.96	501.58	501.94	0.24	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.68	492.45	497.30	493.48	0.69	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	-1.27	-1.27	-0.62		ppb
Antimony	121-1	0.37	0.36	0.38	0.37	2.95	ppb
Arsenic	75-2	0.06	-0.02	0.01	0.02	226.49	ppb
Barium	135-1	0.03	0.02	0.00	0.02	111.65	ppb
Barium	137-1	0.02	0.01	0.03	0.02	50.02	ppb
Beryllium	9-1	0.31	0.32	0.14	0.26	38.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	21.84	17.97	15.63	18.48	16.96	ppb
Boron	11-1	19.90	18.05	14.84	17.59	14.56	ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-0.46	-0.56	-0.49	-0.51		ppb
Cadmium	108-1	0.00	-0.04	-0.09	-0.04		ppb
Calcium	43-1	0.20	-2.91	4.06	0.45	772.10	ppb
Calcium	44-1	2.68	0.11	-1.56	0.41	522.12	ppb
Chromium	52-2	0.04	0.11	-0.05	0.03	238.25	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	264.39	ppb
Copper	63-2	0.08	0.06	0.02	0.05	58.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.61	0.95	0.64	1.07	46.45	ppb
Iron	57-2	1.90	1.83	1.28	1.67	20.37	ppb
Lead	206-1	0.04	0.06	0.06	0.05	21.71	ppb
Lead	207-1	0.05	0.09	0.09	0.08	26.73	ppb
Lead	208-1	0.07	0.08	0.07	0.07	3.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	9.15	6.45	7.26	7.62	18.17	ppb
Manganese	55-2	0.08	0.05	0.03	0.05	39.81	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.21	0.15	0.17	16.51	ppb
Molybdenum	95-1	0.26	0.21	0.21	0.23	12.35	ppb
Molybdenum	96-1	0.31	0.21	0.22	0.25	21.97	ppb
Molybdenum	97-1	0.25	0.21	0.22	0.23	10.00	ppb
Molybdenum	98-1	0.26	0.28	0.19	0.24	20.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.23	-0.25	-0.17		ppb
Phosphorus	31-2	58.47	0.00	0.00	19.49	173.21	ppb
Potassium	39-2	29.50	21.11	0.75	17.12	86.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	-2.17	-2.17	4.44	0.03	11444.25	ppb
Selenium	78-2	-2.26	-2.26	-1.12	-1.88		ppb
Selenium	82-1	0.84	-0.58	-0.36	-0.04		ppb
Silicon	28-1	-0.79	-1.28	-3.06	-1.71		ppb
Silver	109-1	0.01	0.02	0.01	0.01	73.89	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.71	ppb
Sodium	23-2	24.72	16.07	20.92	20.57	21.09	ppb
Strontium	86-1	0.03	0.01	0.01	0.02	77.19	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	71.18	ppb
Sulfur	34-1	-1500.95	-1759.45	-1708.41	-1656.27		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.17	0.13	0.14	17.95	ppb
Thallium	205-1	0.14	0.12	0.12	0.13	10.35	ppb
Tin	118-1	0.08	0.04	0.04	0.05	46.43	ppb
Titanium	47-1	0.07	-0.02	0.08	0.04	135.06	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	68.77	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.15	0.28	0.42	0.28	46.41	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	37.37	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	80.24	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9602.12	9601.03	9425.44	9542.87	1.07	ppb
Antimony	121-1	517.31	515.54	547.77	526.87	3.44	ppb
Arsenic	75-2	487.57	479.97	484.34	483.96	0.79	ppb
Barium	135-1	2579.10	2584.62	2754.13	2639.28	3.77	ppb
Barium	137-1	2540.48	2546.87	2706.06	2597.80	3.61	ppb
Beryllium	9-1	504.01	506.36	538.86	516.41	3.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	481.68	498.15	534.00	504.61	5.30	ppb
Boron	11-1	479.02	489.11	535.94	501.36	6.06	ppb
Cadmium	111-1	511.43	511.75	546.86	523.35	3.89	ppb
Cadmium	106-1	505.09	503.37	544.60	517.68	4.51	ppb
Cadmium	108-1	509.44	520.10	542.79	524.11	3.25	ppb
Calcium	43-1	48145.18	48627.00	51493.87	49422.02	3.66	ppb
Calcium	44-1	47932.22	48953.60	51447.41	49444.41	3.66	ppb
Chromium	52-2	485.08	485.32	485.08	485.16	0.03	ppb
Cobalt	59-2	482.15	486.09	484.24	484.16	0.41	ppb
Copper	63-2	957.66	965.26	960.65	961.19	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	24251.37	24551.50	24144.30	24315.72	0.87	ppb
Iron	57-2	23638.88	23996.45	23987.85	23874.40	0.85	ppb
Lead	206-1	502.57	499.84	531.64	511.35	3.45	ppb
Lead	207-1	502.51	495.13	534.29	510.64	4.08	ppb
Lead	208-1	501.84	498.74	532.09	510.89	3.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	48275.87	48686.78	48220.11	48394.25	0.53	ppb
Manganese	55-2	974.52	976.60	964.75	971.96	0.65	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.50	2501.72	2697.72	2568.98	4.34	ppb
Molybdenum	95-1	2506.40	2489.57	2724.42	2573.46	5.09	ppb
Molybdenum	96-1	2509.35	2467.87	2695.80	2557.68	4.75	ppb
Molybdenum	97-1	2504.92	2520.94	2719.72	2581.86	4.63	ppb
Molybdenum	98-1	2503.53	2475.09	2714.40	2564.34	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.93	484.47	479.55	480.31	0.80	ppb
Phosphorus	31-2	9644.15	8809.87	9081.22	9178.41	4.64	ppb
Potassium	39-2	24154.62	24135.36	24007.86	24099.28	0.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	515.68	418.83	486.91	473.80	10.50	ppb
Selenium	78-2	491.50	498.49	480.52	490.17	1.85	ppb
Selenium	82-1	503.83	506.78	553.38	521.33	5.33	ppb
Silicon	28-1	529.79	538.05	568.14	545.33	3.70	ppb
Silver	109-1	519.80	520.83	555.70	532.11	3.84	ppb
Silver	107-1	522.44	530.05	550.60	534.36	2.73	ppb
Sodium	23-2	48933.51	48947.90	48745.95	48875.79	0.23	ppb
Strontium	86-1	500.18	499.00	539.62	512.93	4.51	ppb
Strontium	88-1	504.53	503.59	543.61	517.24	4.41	ppb
Sulfur	34-1	8976.02	9316.24	10769.42	9687.23	9.83	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	498.26	508.34	533.28	513.29	3.51	ppb
Thallium	205-1	497.04	501.69	529.19	509.31	3.41	ppb
Tin	118-1	510.93	520.94	544.45	525.44	3.27	ppb
Titanium	47-1	2556.10	2569.59	2703.47	2609.72	3.12	ppb
Uranium	238-1	487.25	490.41	524.46	500.71	4.12	ppb
Vanadium	51-2	484.29	488.96	485.82	486.36	0.49	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	951.90	959.43	955.56	955.63	0.39	ppb
Zirconium	90-1	507.22	496.37	538.67	514.09	4.27	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.70	491.33	534.41	507.15	4.68	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46881.31	50616.83	46190.95	47896.36	4.97	ppb
Antimony	121-1	496.61	492.67	506.17	498.49	1.39	ppb
Arsenic	75-2	474.19	515.82	474.02	488.01	4.94	ppb
Barium	135-1	2523.59	2507.49	2550.35	2527.14	0.86	ppb
Barium	137-1	2484.63	2464.96	2479.76	2476.45	0.41	ppb
Beryllium	9-1	510.93	511.70	509.16	510.60	0.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	514.39	518.30	511.83	514.84	0.63	ppb
Boron	11-1	496.95	503.90	514.22	505.02	1.72	ppb
Cadmium	111-1	485.01	479.73	486.26	483.66	0.72	ppb
Cadmium	106-1	494.17	482.53	481.91	486.20	1.42	ppb
Cadmium	108-1	487.01	486.46	494.32	489.26	0.90	ppb
Calcium	43-1	235229.31	237719.80	233421.65	235456.92	0.92	ppb
Calcium	44-1	230911.35	231265.27	230894.18	231023.60	0.09	ppb
Chromium	52-2	477.59	517.18	475.69	490.15	4.78	ppb
Cobalt	59-2	461.55	495.87	457.86	471.76	4.44	ppb
Copper	63-2	1059.33	1132.03	1039.26	1076.88	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	115415.46	124270.32	113441.45	117709.08	4.90	ppb
Iron	57-2	112809.87	121728.85	111691.01	115409.91	4.77	ppb
Lead	206-1	490.02	498.63	492.16	493.60	0.91	ppb
Lead	207-1	496.36	496.09	493.32	495.25	0.34	ppb
Lead	208-1	493.12	497.29	493.19	494.53	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	236957.10	254378.99	234353.85	241896.65	4.50	ppb
Manganese	55-2	945.26	1014.95	940.87	967.03	4.30	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2445.16	2452.28	2447.58	2448.34	0.15	ppb
Molybdenum	95-1	2459.38	2462.86	2466.05	2462.76	0.14	ppb
Molybdenum	96-1	2458.27	2443.56	2442.75	2448.19	0.36	ppb
Molybdenum	97-1	2456.35	2447.99	2477.15	2460.50	0.61	ppb
Molybdenum	98-1	2434.90	2476.70	2459.32	2456.97	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.25	493.02	458.56	469.94	4.25	ppb
Phosphorus	31-2	9852.35	10239.90	10301.63	10131.29	2.40	ppb
Potassium	39-2	118111.52	126517.43	115849.16	120159.37	4.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	371.62	451.71	403.48	408.94	9.86	ppb
Selenium	78-2	473.34	502.78	493.24	489.79	3.07	ppb
Selenium	82-1	483.05	485.35	489.18	485.86	0.64	ppb
Silicon	28-1	512.35	513.17	511.77	512.43	0.14	ppb
Silver	109-1	493.47	486.06	494.98	491.51	0.97	ppb
Silver	107-1	497.26	485.07	497.87	493.40	1.46	ppb
Sodium	23-2	235384.05	250665.38	231584.88	239211.44	4.22	ppb
Strontium	86-1	497.87	499.88	501.54	499.76	0.37	ppb
Strontium	88-1	502.75	503.19	506.30	504.08	0.38	ppb
Sulfur	34-1	9013.00	9256.54	9039.93	9103.16	1.47	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	497.96	502.02	501.65	500.54	0.45	ppb
Thallium	205-1	492.56	503.35	501.69	499.20	1.16	ppb
Tin	118-1	498.61	499.27	505.34	501.07	0.74	ppb
Titanium	47-1	2470.69	2450.79	2474.96	2465.48	0.52	ppb
Uranium	238-1	492.35	494.19	493.88	493.47	0.20	ppb
Vanadium	51-2	478.34	513.80	472.91	488.35	4.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1047.34	1138.84	1043.59	1076.59	5.01	ppb
Zirconium	90-1	494.28	496.54	501.72	497.51	0.77	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.40	481.52	487.11	484.67	0.59	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-3.15	-1.36	-2.55		ppb
Antimony	121-1	0.05	0.05	0.04	0.05	14.70	ppb
Arsenic	75-2	-0.04	0.01	0.08	0.02	408.63	ppb
Barium	135-1	0.02	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.03	0.01	0.01	0.02	43.71	ppb
Beryllium	9-1	0.07	0.11	0.14	0.10	33.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	4.00	3.60	3.35	3.65	9.00	ppb
Boron	11-1	4.68	4.20	4.31	4.40	5.73	ppb
Cadmium	111-1	-0.10	-0.13	-0.08	-0.10		ppb
Cadmium	106-1	-1.38	-1.74	-1.01	-1.38		ppb
Cadmium	108-1	-0.04	-0.13	0.30	0.04	541.61	ppb
Calcium	43-1	-5.33	-13.56	-4.83	-7.91		ppb
Calcium	44-1	-4.08	-3.35	-3.73	-3.72		ppb
Chromium	52-2	-0.10	0.06	-0.10	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	230.25	ppb
Copper	63-2	-0.04	-0.02	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	0.94	0.86	0.93	0.91	4.52	ppb
Iron	57-2	1.11	-0.46	4.80	1.82	148.51	ppb
Lead	206-1	0.02	0.02	0.01	0.02	34.86	ppb
Lead	207-1	0.04	0.01	0.04	0.03	51.89	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.01	3.13	6.20	4.78	32.37	ppb
Manganese	55-2	0.05	-0.01	0.03	0.02	139.44	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	70.83	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	10.11	ppb
Molybdenum	97-1	0.02	-0.01	0.02	0.01	147.65	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	76.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.25	-0.21	-0.20		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	5.03	52.99	15.88	24.63	102.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-0.07	-1.16	-0.06	-0.43		ppb
Selenium	82-1	0.27	0.47	-0.18	0.19	176.82	ppb
Silicon	28-1	-8.19	-8.25	-8.24	-8.23		ppb
Silver	109-1	0.01	0.00	0.01	0.01	68.96	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.90	ppb
Sodium	23-2	13.04	13.21	23.74	16.66	36.80	ppb
Strontium	86-1	-0.01	0.06	-0.02	0.01	462.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	171.13	ppb
Sulfur	34-1	-585.26	-852.74	-676.36	-704.79		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.04	0.03	19.46	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.43	ppb
Tin	118-1	-0.06	-0.05	-0.04	-0.05		ppb
Titanium	47-1	-0.02	-0.07	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	-0.04	0.00	0.03	0.00		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	55.42	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.01	0.00	637.44	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46400.56	47373.63	47130.11	46968.10	1.08	ppb
Antimony	121-1	525.84	515.24	497.55	512.88	2.79	ppb
Arsenic	75-2	474.69	470.54	477.76	474.33	0.76	ppb
Barium	135-1	2654.97	2595.89	2540.78	2597.21	2.20	ppb
Barium	137-1	2591.03	2543.82	2483.56	2539.47	2.12	ppb
Beryllium	9-1	552.99	519.36	503.40	525.25	4.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	543.64	527.49	528.21	533.11	1.71	ppb
Boron	11-1	534.39	523.05	506.38	521.27	2.70	ppb
Cadmium	111-1	507.50	496.88	487.57	497.32	2.01	ppb
Cadmium	106-1	513.05	495.04	494.22	500.77	2.13	ppb
Cadmium	108-1	514.19	499.68	487.50	500.46	2.67	ppb
Calcium	43-1	243008.99	236294.74	235270.48	238191.40	1.76	ppb
Calcium	44-1	241928.86	234327.04	231717.53	235991.14	2.25	ppb
Chromium	52-2	472.28	479.20	481.78	477.75	1.03	ppb
Cobalt	59-2	457.63	460.81	465.68	461.37	0.88	ppb
Copper	63-2	1005.31	1015.96	1024.73	1015.34	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	113854.70	114691.12	115816.06	114787.29	0.86	ppb
Iron	57-2	111382.32	112636.23	114018.10	112678.88	1.17	ppb
Lead	206-1	520.51	497.84	491.24	503.20	3.05	ppb
Lead	207-1	524.62	500.10	491.81	505.51	3.38	ppb
Lead	208-1	522.25	498.35	492.56	504.39	3.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	234740.94	238000.55	236488.62	236410.04	0.69	ppb
Manganese	55-2	946.90	953.17	959.12	953.06	0.64	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2563.62	2499.15	2430.38	2497.71	2.67	ppb
Molybdenum	95-1	2548.29	2515.14	2460.06	2507.83	1.78	ppb
Molybdenum	96-1	2542.14	2497.68	2426.47	2488.76	2.34	ppb
Molybdenum	97-1	2600.92	2498.23	2456.63	2518.60	2.95	ppb
Molybdenum	98-1	2574.45	2494.57	2434.74	2501.25	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.28	458.34	458.68	457.77	0.28	ppb
Phosphorus	31-2	9169.69	9535.76	8929.45	9211.64	3.31	ppb
Potassium	39-2	117645.80	120052.42	120203.82	119300.68	1.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	314.91	462.21	366.28	381.13	19.62	ppb
Selenium	78-2	509.19	489.70	483.01	493.97	2.75	ppb
Selenium	82-1	506.46	491.17	486.35	494.66	2.12	ppb
Silicon	28-1	527.22	515.27	511.28	517.92	1.60	ppb
Silver	109-1	522.36	505.95	503.78	510.70	1.99	ppb
Silver	107-1	513.91	506.20	490.33	503.48	2.39	ppb
Sodium	23-2	230503.81	231402.80	236495.36	232800.66	1.39	ppb
Strontium	86-1	516.71	505.77	497.58	506.69	1.89	ppb
Strontium	88-1	524.60	514.47	501.19	513.42	2.29	ppb
Sulfur	34-1	10170.67	9408.70	9306.39	9628.59	4.90	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	528.24	493.60	489.06	503.63	4.26	ppb
Thallium	205-1	524.41	491.45	495.35	503.74	3.57	ppb
Tin	118-1	528.23	509.76	509.26	515.75	2.10	ppb
Titanium	47-1	2589.27	2511.49	2459.54	2520.10	2.59	ppb
Uranium	238-1	524.91	499.31	494.27	506.17	3.25	ppb
Vanadium	51-2	472.50	480.96	479.29	477.58	0.94	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	998.32	1007.54	1023.06	1009.64	1.24	ppb
Zirconium	90-1	516.92	505.53	498.78	507.08	1.81	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.65	491.99	480.12	492.59	2.59	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	-1.32	0.50	-0.10		ppb
Antimony	121-1	0.35	0.39	0.37	0.37	5.41	ppb
Arsenic	75-2	0.06	0.03	0.03	0.04	35.14	ppb
Barium	135-1	0.01	0.03	0.00	0.01	125.53	ppb
Barium	137-1	0.04	0.02	0.02	0.03	48.29	ppb
Beryllium	9-1	0.21	0.31	0.24	0.25	20.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	16.39	11.86	10.69	12.98	23.22	ppb
Boron	11-1	15.35	13.10	12.13	13.53	12.18	ppb
Cadmium	111-1	0.02	-0.17	-0.05	-0.07		ppb
Cadmium	106-1	-0.13	-2.32	-1.18	-1.21		ppb
Cadmium	108-1	-0.13	-0.04	-0.09	-0.09		ppb
Calcium	43-1	3.23	-0.10	6.10	3.08	100.79	ppb
Calcium	44-1	2.65	1.46	2.43	2.18	29.16	ppb
Chromium	52-2	-0.05	-0.06	-0.05	-0.06		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	192.18	ppb
Copper	63-2	0.08	0.03	0.05	0.05	49.13	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				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	3.30	2.96	2.60	2.95	11.83	ppb
Iron	57-2	1.74	4.96	2.79	3.16	52.00	ppb
Lead	206-1	0.08	0.06	0.05	0.06	26.13	ppb
Lead	207-1	0.07	0.12	0.07	0.09	30.50	ppb
Lead	208-1	0.08	0.09	0.06	0.08	15.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	8.06	8.45	10.71	9.08	15.75	ppb
Manganese	55-2	0.05	0.07	0.09	0.07	27.82	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.24	0.21	0.21	10.64	ppb
Molybdenum	95-1	0.24	0.23	0.26	0.24	6.51	ppb
Molybdenum	96-1	0.23	0.26	0.22	0.24	7.86	ppb
Molybdenum	97-1	0.25	0.24	0.22	0.24	6.91	ppb
Molybdenum	98-1	0.25	0.25	0.21	0.23	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.22	-0.23	-0.22		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	19.07	32.85	50.69	34.20	46.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	-2.17	4.29	4.32	2.15	174.12	ppb
Selenium	78-2	-0.02	-1.14	-0.02	-0.39		ppb
Selenium	82-1	-0.37	0.47	0.88	0.33	194.17	ppb
Silicon	28-1	-5.87	-9.38	-7.57	-7.61		ppb
Silver	109-1	0.01	0.01	0.02	0.01	12.73	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.98	ppb
Sodium	23-2	48.43	43.13	47.33	46.29	6.04	ppb
Strontium	86-1	-0.03	0.00	0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	70.45	ppb
Sulfur	34-1	-1270.71	-1169.30	-995.51	-1145.17		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.11	0.13	0.14	25.96	ppb
Thallium	205-1	0.13	0.14	0.13	0.13	4.08	ppb
Tin	118-1	0.02	0.01	0.04	0.02	73.96	ppb
Titanium	47-1	0.06	0.00	-0.01	0.01	281.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.55	ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.20	0.30	0.30	0.27	21.15	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	27.95	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.01	0.01	102.74	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-1.28	-3.15	-2.52		ppb
Antimony	121-1	0.09	0.12	0.14	0.12	20.98	ppb
Arsenic	75-2	0.06	-0.04	0.01	0.01	662.21	ppb
Barium	135-1	0.00	0.02	-0.01	0.00	328.55	ppb
Barium	137-1	0.01	0.01	0.02	0.01	34.12	ppb
Beryllium	9-1	0.11	0.18	0.17	0.15	23.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	7.86	6.38	7.04	7.09	10.41	ppb
Boron	11-1	7.43	6.87	7.28	7.19	4.06	ppb
Cadmium	111-1	-0.05	0.01	-0.02	-0.02		ppb
Cadmium	106-1	-0.74	-0.15	-0.27	-0.39		ppb
Cadmium	108-1	0.05	-0.09	0.00	-0.01		ppb
Calcium	43-1	3.37	-0.80	-2.03	0.18	1554.21	ppb
Calcium	44-1	-0.75	-2.64	-3.31	-2.23		ppb
Chromium	52-2	0.01	-0.11	-0.05	-0.05		ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.00	0.03	0.00	457.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	1.23	1.00	1.45	1.23	18.23	ppb
Iron	57-2	0.10	2.91	3.33	2.11	83.13	ppb
Lead	206-1	0.04	0.05	0.05	0.05	15.87	ppb
Lead	207-1	0.04	0.03	0.04	0.04	14.59	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.22	5.59	5.31	5.37	3.63	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	6.05	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.03	0.06	0.05	29.16	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.07	20.96	ppb
Molybdenum	96-1	0.08	0.08	0.09	0.08	9.70	ppb
Molybdenum	97-1	0.05	0.08	0.09	0.07	27.87	ppb
Molybdenum	98-1	0.06	0.09	0.06	0.07	20.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.21	-0.21	-0.23		ppb
Phosphorus	31-2	0.00	57.07	0.00	19.02	173.21	ppb
Potassium	39-2	15.93	33.65	15.12	21.57	48.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-0.03	-2.26	3.28	0.33	840.82	ppb
Selenium	82-1	0.97	0.52	-0.73	0.25	352.25	ppb
Silicon	28-1	-1.46	-11.13	-10.34	-7.64		ppb
Silver	109-1	0.00	0.01	0.01	0.01	48.86	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.86	ppb
Sodium	23-2	33.47	24.59	25.93	28.00	17.10	ppb
Strontium	86-1	0.04	-0.01	0.05	0.03	130.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-272.45	-1101.89	-993.11	-789.15		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.07	0.05	0.06	18.23	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	22.78	ppb
Tin	118-1	-0.03	0.00	-0.06	-0.03		ppb
Titanium	47-1	0.01	0.04	-0.09	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	0.65	0.35	0.40	0.47	35.46	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	47.03	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	61.57	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.31	39.39	48.73	40.47	19.19	ppb
Antimony	121-1	4.30	4.08	3.97	4.12	4.11	ppb
Arsenic	75-2	1.83	2.08	2.02	1.98	6.86	ppb
Barium	135-1	21.69	19.57	20.16	20.47	5.33	ppb
Barium	137-1	21.21	19.69	18.92	19.94	5.84	ppb
Beryllium	9-1	2.26	2.18	2.10	2.18	3.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	52.45	47.65	49.61	49.91	4.83	ppb
Boron	11-1	53.77	45.98	48.43	49.39	8.07	ppb
Cadmium	111-1	2.18	1.95	2.10	2.08	5.49	ppb
Cadmium	106-1	2.24	2.04	2.24	2.17	5.19	ppb
Cadmium	108-1	1.70	1.67	1.24	1.54	16.60	ppb
Calcium	43-1	992.13	893.71	911.00	932.28	5.64	ppb
Calcium	44-1	991.85	912.96	911.98	938.93	4.88	ppb
Chromium	52-2	4.24	3.96	4.19	4.13	3.65	ppb
Cobalt	59-2	1.94	1.89	1.90	1.91	1.34	ppb
Copper	63-2	3.65	3.72	3.70	3.69	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	438.21	442.21	442.91	441.11	0.57	ppb
Iron	57-2	414.75	408.27	408.46	410.49	0.90	ppb
Lead	206-1	2.10	1.99	1.86	1.98	6.00	ppb
Lead	207-1	2.13	1.94	1.88	1.98	6.60	ppb
Lead	208-1	2.16	1.97	1.89	2.01	6.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	898.45	963.39	959.61	940.48	3.88	ppb
Manganese	55-2	1.45	1.57	2.02	1.68	18.13	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.76	9.88	9.42	10.02	6.77	ppb
Molybdenum	95-1	10.20	9.71	9.35	9.75	4.36	ppb
Molybdenum	96-1	10.38	9.88	9.32	9.86	5.38	ppb
Molybdenum	97-1	10.31	9.63	9.36	9.77	4.99	ppb
Molybdenum	98-1	10.33	10.04	9.30	9.89	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.78	1.60	1.72	6.43	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	956.87	936.58	961.60	951.68	1.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	4.23	4.33	23.74	10.77	104.36	ppb
Selenium	78-2	11.01	3.36	4.45	6.27	66.01	ppb
Selenium	82-1	10.30	10.17	10.37	10.28	1.03	ppb
Silicon	28-1	40.40	25.15	26.82	30.79	27.17	ppb
Silver	109-1	2.08	1.98	2.02	2.03	2.43	ppb
Silver	107-1	2.29	2.02	2.09	2.13	6.46	ppb
Sodium	23-2	941.01	920.75	930.47	930.74	1.09	ppb
Strontium	86-1	2.13	1.95	1.82	1.97	7.97	ppb
Strontium	88-1	2.08	1.95	2.02	2.02	3.33	ppb
Sulfur	34-1	561.97	-801.37	-737.57	-325.66		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	2.20	2.08	2.03	2.10	4.20	ppb
Thallium	205-1	2.11	2.00	1.94	2.02	4.40	ppb
Tin	118-1	10.82	9.72	9.64	10.06	6.51	ppb
Titanium	47-1	10.32	9.53	9.51	9.79	4.69	ppb
Uranium	238-1	1.97	1.92	1.82	1.90	3.98	ppb
Vanadium	51-2	8.96	9.73	9.34	9.35	4.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	4.64	4.61	4.82	4.69	2.42	ppb
Zirconium	90-1	2.15	2.00	1.97	2.04	4.82	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.05	1.91	2.03	2.00	3.72	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-3.15	-1.31	-2.54		ppb
Antimony	121-1	0.03	0.05	0.03	0.04	21.96	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.12	0.08	0.08	0.09	24.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	5.57	5.87	3.80	5.08	22.03	ppb
Boron	11-1	5.29	4.64	4.81	4.92	6.82	ppb
Cadmium	111-1	-0.13	-0.10	-0.07	-0.10		ppb
Cadmium	106-1	-1.86	-1.30	-0.96	-1.37		ppb
Cadmium	108-1	-0.04	0.09	0.00	0.01	491.23	ppb
Calcium	43-1	-0.33	-1.36	-0.51	-0.73		ppb
Calcium	44-1	-4.22	-6.82	-4.60	-5.21		ppb
Chromium	52-2	-0.05	0.06	0.02	0.01	514.20	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	322.69	ppb
Copper	63-2	-0.03	0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.81	1.01	0.66	0.83	21.10	ppb
Iron	57-2	4.11	3.49	1.20	2.93	52.23	ppb
Lead	206-1	0.02	0.03	0.02	0.02	25.79	ppb
Lead	207-1	0.02	0.04	0.03	0.03	46.61	ppb
Lead	208-1	0.02	0.03	0.03	0.02	26.16	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.01	4.47	3.03	4.17	24.60	ppb
Manganese	55-2	-0.03	-0.05	-0.07	-0.05		ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	-0.01	0.02	0.02	122.13	ppb
Molybdenum	95-1	0.01	-0.01	0.02	0.01	169.15	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	104.83	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	54.11	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	52.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.19	-0.19	-0.20		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	12.59	18.45	16.48	15.84	18.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-2.26	-1.14	-1.13	-1.51		ppb
Selenium	82-1	0.68	0.72	0.40	0.60	29.42	ppb
Silicon	28-1	-9.50	-9.56	-10.83	-9.97		ppb
Silver	109-1	0.00	0.00	0.01	0.00	164.74	ppb
Silver	107-1	0.01	0.01	0.02	0.01	25.71	ppb
Sodium	23-2	26.83	25.49	23.47	25.26	6.70	ppb
Strontium	86-1	0.03	-0.01	-0.05	-0.01		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-882.17	-620.65	-804.28	-769.03		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.67	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.37	ppb
Tin	118-1	-0.09	-0.05	-0.05	-0.06		ppb
Titanium	47-1	-0.10	-0.09	-0.06	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.05	0.28	0.24	0.19	65.63	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	101.30	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	62.79	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.87	43.13	27.71	36.24	21.63	ppb
Antimony	121-1	3.84	3.83	3.64	3.77	2.99	ppb
Arsenic	75-2	2.27	2.11	2.32	2.23	4.99	ppb
Barium	135-1	18.96	18.78	17.87	18.54	3.15	ppb
Barium	137-1	19.07	19.02	18.86	18.98	0.60	ppb
Beryllium	9-1	1.90	2.02	2.14	2.02	6.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	43.09	43.79	43.19	43.36	0.88	ppb
Boron	11-1	39.98	44.03	47.43	43.81	8.51	ppb
Cadmium	111-1	1.70	1.89	1.73	1.77	5.86	ppb
Cadmium	106-1	0.04	0.64	1.03	0.57	87.71	ppb
Cadmium	108-1	1.90	1.95	2.08	1.98	4.85	ppb
Calcium	43-1	882.13	873.13	854.41	869.89	1.63	ppb
Calcium	44-1	875.18	871.42	881.74	876.11	0.60	ppb
Chromium	52-2	4.10	4.05	3.69	3.95	5.71	ppb
Cobalt	59-2	1.93	1.88	1.90	1.91	1.35	ppb
Copper	63-2	3.89	3.91	3.58	3.79	4.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	501.23	497.06	481.40	493.23	2.12	ppb
Iron	57-2	496.59	470.20	479.72	482.17	2.77	ppb
Lead	206-1	1.75	1.91	1.88	1.85	4.60	ppb
Lead	207-1	1.77	1.84	1.90	1.84	3.77	ppb
Lead	208-1	1.79	1.86	1.90	1.85	2.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	963.47	942.41	918.24	941.37	2.40	ppb
Manganese	55-2	2.12	1.79	2.12	2.01	9.52	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.89	9.01	9.25	9.05	2.04	ppb
Molybdenum	95-1	8.84	9.08	9.12	9.01	1.69	ppb
Molybdenum	96-1	9.16	9.27	9.48	9.30	1.71	ppb
Molybdenum	97-1	8.87	9.70	9.22	9.26	4.51	ppb
Molybdenum	98-1	8.64	9.32	9.31	9.09	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.81	1.51	1.74	11.56	ppb
Phosphorus	31-2	28.49	0.00	27.74	18.74	86.63	ppb
Potassium	39-2	916.69	909.81	924.23	916.91	0.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	10.11	1.11	7.77	6.33	73.78	ppb
Selenium	82-1	9.78	9.99	9.40	9.72	3.09	ppb
Silicon	28-1	21.92	20.29	23.91	22.04	8.23	ppb
Silver	109-1	2.00	1.99	2.00	2.00	0.31	ppb
Silver	107-1	1.94	1.99	1.92	1.95	1.78	ppb
Sodium	23-2	962.22	928.73	917.65	936.20	2.48	ppb
Strontium	86-1	1.72	1.64	1.86	1.74	6.23	ppb
Strontium	88-1	1.86	1.85	1.94	1.88	2.80	ppb
Sulfur	34-1	-1339.76	-1156.34	-861.31	-1119.14		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.86	1.92	1.88	1.89	1.74	ppb
Thallium	205-1	1.82	1.87	1.92	1.87	2.44	ppb
Tin	118-1	9.10	9.21	9.44	9.25	1.86	ppb
Titanium	47-1	8.93	9.80	9.35	9.36	4.63	ppb
Uranium	238-1	1.82	1.74	1.77	1.78	2.15	ppb
Vanadium	51-2	9.20	9.36	8.90	9.16	2.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	4.38	4.02	4.46	4.29	5.52	ppb
Zirconium	90-1	1.97	1.91	1.98	1.95	1.77	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.00	2.02	2.01	2.01	0.48	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	0.54	0.76	-0.61		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	47.95	ppb
Arsenic	75-2	16.01	14.65	16.60	15.75	6.35	ppb
Barium	135-1	0.00	0.02	-0.02	0.00	1074.86	ppb
Barium	137-1	0.01	0.03	0.05	0.03	68.24	ppb
Beryllium	9-1	9.19	9.40	9.65	9.42	2.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	2.89	3.53	3.68	3.37	12.49	ppb
Boron	11-1	4.51	3.66	3.87	4.02	11.00	ppb
Cadmium	111-1	15.36	15.21	15.19	15.25	0.61	ppb
Cadmium	106-1	12.32	13.43	13.15	12.97	4.44	ppb
Cadmium	108-1	15.06	13.60	15.49	14.72	6.73	ppb
Calcium	43-1	39.24	43.42	40.01	40.89	5.44	ppb
Calcium	44-1	29.16	30.14	28.75	29.35	2.45	ppb
Chromium	52-2	18.70	19.74	21.42	19.95	6.86	ppb
Cobalt	59-2	10.39	10.80	11.44	10.87	4.86	ppb
Copper	63-2	15.19	15.34	16.24	15.59	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	331.02	341.30	361.24	344.52	4.46	ppb
Iron	57-2	325.56	335.63	357.62	339.60	4.83	ppb
Lead	206-1	15.88	15.21	15.64	15.58	2.17	ppb
Lead	207-1	14.83	14.80	14.99	14.87	0.69	ppb
Lead	208-1	15.36	15.14	15.46	15.32	1.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	683.65	743.39	765.17	730.74	5.78	ppb
Manganese	55-2	10.62	10.13	12.24	11.00	10.06	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	217.30	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	110.87	ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	92.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.26	-0.15	-0.18		ppb
Phosphorus	31-2	55.06	28.18	0.00	27.75	99.23	ppb
Potassium	39-2	13.62	26.60	26.15	22.12	33.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-2.17	-2.17	4.76	0.14	2894.57	ppb
Selenium	78-2	-2.26	-2.26	-2.26	-2.26		ppb
Selenium	82-1	0.29	0.34	-0.23	0.13	237.54	ppb
Silicon	28-1	-5.16	-10.08	-4.69	-6.64		ppb
Silver	109-1	15.32	15.74	15.65	15.57	1.41	ppb
Silver	107-1	15.55	15.62	15.83	15.67	0.94	ppb
Sodium	23-2	17.92	18.78	30.34	22.35	31.04	ppb
Strontium	86-1	-0.04	0.05	0.04	0.01	343.22	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	20.00	ppb
Sulfur	34-1	-744.37	-1233.74	-616.41	-864.84		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	4.03	3.86	4.04	3.98	2.56	ppb
Thallium	205-1	3.98	3.94	4.07	4.00	1.75	ppb
Tin	118-1	-0.08	-0.08	0.00	-0.05		ppb
Titanium	47-1	0.03	-0.02	-0.09	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	11.05	11.94	11.99	11.66	4.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	12.06	12.29	12.44	12.26	1.58	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	31.15	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.00	0.02	123.33	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	-1.26	-3.15	-1.20		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.41	ppb
Arsenic	75-2	16.28	13.59	14.94	14.93	9.01	ppb
Barium	135-1	0.00	0.02	0.02	0.01	99.59	ppb
Barium	137-1	0.00	0.02	0.01	0.01	57.24	ppb
Beryllium	9-1	9.28	9.36	9.27	9.30	0.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	1.75	2.75	2.76	2.42	23.91	ppb
Boron	11-1	2.55	2.71	2.39	2.55	6.19	ppb
Cadmium	111-1	15.39	15.30	15.56	15.42	0.85	ppb
Cadmium	106-1	11.62	13.62	13.18	12.81	8.22	ppb
Cadmium	108-1	14.77	13.43	12.78	13.66	7.40	ppb
Calcium	43-1	25.62	30.51	31.31	29.15	10.57	ppb
Calcium	44-1	25.51	25.55	29.07	26.71	7.66	ppb
Chromium	52-2	21.40	19.53	18.77	19.90	6.80	ppb
Cobalt	59-2	11.98	11.02	10.64	11.21	6.18	ppb
Copper	63-2	16.94	15.45	15.02	15.80	6.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	369.99	347.59	333.80	350.46	5.21	ppb
Iron	57-2	367.77	324.99	321.40	338.05	7.63	ppb
Lead	206-1	15.24	15.41	15.51	15.39	0.88	ppb
Lead	207-1	14.84	14.68	14.45	14.66	1.33	ppb
Lead	208-1	14.96	15.22	14.99	15.06	0.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	825.39	724.31	728.08	759.26	7.55	ppb
Manganese	55-2	10.91	11.19	10.95	11.02	1.35	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.02	0.03	42.91	ppb
Molybdenum	95-1	-0.01	-0.01	0.01	-0.01		ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.19	-0.20	-0.13		ppb
Phosphorus	31-2	30.28	28.77	0.00	19.68	86.69	ppb
Potassium	39-2	18.84	36.69	12.44	22.66	55.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.17	4.34	-2.17	0.00		ppb
Selenium	78-2	0.17	-0.01	-1.17	-0.34		ppb
Selenium	82-1	0.78	0.38	0.44	0.53	41.04	ppb
Silicon	28-1	-4.79	-4.63	-2.94	-4.12		ppb
Silver	109-1	15.29	15.54	15.44	15.42	0.81	ppb
Silver	107-1	15.15	15.47	15.68	15.43	1.75	ppb
Sodium	23-2	23.02	22.30	13.52	19.61	26.97	ppb
Strontium	86-1	-0.02	0.00	0.00	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.30	ppb
Sulfur	34-1	-896.66	-590.41	-827.04	-771.37		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	3.95	3.87	3.87	3.90	1.20	ppb
Thallium	205-1	3.90	3.97	3.96	3.94	0.90	ppb
Tin	118-1	-0.09	-0.05	-0.04	-0.06		ppb
Titanium	47-1	-0.04	-0.01	0.01	-0.02		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	12.94	11.81	11.25	12.00	7.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	12.22	12.45	10.79	11.82	7.61	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.00	0.00	274.48	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.36	0.65	-1.01	-0.57		ppb
Antimony	121-1	0.01	0.00	0.01	0.00	83.65	ppb
Arsenic	75-2	3.39	3.03	2.63	3.01	12.58	ppb
Barium	135-1	0.03	0.04	0.07	0.04	47.36	ppb
Barium	137-1	0.08	0.03	0.03	0.05	54.98	ppb
Beryllium	9-1	1.81	1.84	2.16	1.94	9.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	3.47	3.56	3.28	3.44	4.11	ppb
Boron	11-1	3.93	4.71	4.61	4.42	9.62	ppb
Cadmium	111-1	2.91	3.20	3.29	3.13	6.34	ppb
Cadmium	106-1	2.93	2.40	1.10	2.14	43.89	ppb
Cadmium	108-1	2.32	2.45	2.27	2.35	3.83	ppb
Calcium	43-1	4.52	7.48	2.10	4.70	57.32	ppb
Calcium	44-1	2.54	2.42	1.52	2.16	25.69	ppb
Chromium	52-2	3.75	3.74	3.86	3.79	1.73	ppb
Cobalt	59-2	2.13	1.99	2.10	2.07	3.52	ppb
Copper	63-2	3.09	3.03	3.17	3.10	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	69.75	69.72	70.79	70.09	0.87	ppb
Iron	57-2	69.00	63.70	73.83	68.84	7.36	ppb
Lead	206-1	3.19	3.18	3.17	3.18	0.26	ppb
Lead	207-1	2.85	3.09	2.99	2.98	4.07	ppb
Lead	208-1	3.06	3.13	3.05	3.08	1.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	147.55	159.44	149.09	152.02	4.25	ppb
Manganese	55-2	2.34	2.48	2.05	2.29	9.54	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.26	3.10	3.09	3.15	3.03	ppb
Molybdenum	95-1	4.30	4.52	4.35	4.39	2.58	ppb
Molybdenum	96-1	4.39	4.40	4.26	4.35	1.83	ppb
Molybdenum	97-1	4.37	4.56	4.13	4.35	5.03	ppb
Molybdenum	98-1	4.42	4.36	4.42	4.40	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.20	-0.22	-0.21		ppb
Phosphorus	31-2	0.00	57.96	0.00	19.32	173.21	ppb
Potassium	39-2	5.26	35.09	30.97	23.77	68.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	10.45	-2.17	-2.17	2.04	357.89	ppb
Selenium	78-2	-0.08	-1.11	-2.26	-1.15		ppb
Selenium	82-1	-0.31	0.51	0.09	0.10	426.22	ppb
Silicon	28-1	-9.22	-8.77	-10.10	-9.36		ppb
Silver	109-1	3.07	3.15	3.05	3.09	1.79	ppb
Silver	107-1	3.19	3.00	3.07	3.08	3.20	ppb
Sodium	23-2	11.92	28.60	39.59	26.70	52.17	ppb
Strontium	86-1	-0.05	0.05	-0.01	0.00		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	51.88	ppb
Sulfur	34-1	-1010.10	-677.35	-1222.48	-969.98		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.80	0.82	0.82	0.81	1.51	ppb
Thallium	205-1	0.75	0.83	0.83	0.80	5.73	ppb
Tin	118-1	0.54	0.56	0.60	0.57	6.04	ppb
Titanium	47-1	3.08	3.22	3.36	3.22	4.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	2.37	2.38	2.29	2.35	2.08	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	2.65	2.82	2.59	2.69	4.44	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	10153.64	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.01	0.00	314.63	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1968.59	1929.35	1903.17	1933.70	1.70	ppb
Antimony	121-1	102.96	104.01	104.61	103.86	0.81	ppb
Arsenic	75-2	51.21	53.94	52.57	52.57	2.60	ppb
Barium	135-1	2122.66	2116.79	2134.08	2124.51	0.41	ppb
Barium	137-1	2099.09	2094.77	2133.50	2109.12	1.01	ppb
Beryllium	9-1	62.27	63.21	61.57	62.35	1.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	1.35	1.75	0.51	1.21	52.68	ppb
Boron	11-1	1.75	1.90	1.92	1.86	5.07	ppb
Cadmium	111-1	67.90	67.74	68.39	68.01	0.49	ppb
Cadmium	106-1	55.99	56.07	58.84	56.97	2.85	ppb
Cadmium	108-1	63.18	66.37	63.63	64.40	2.68	ppb
Calcium	43-1	24.76	31.36	33.95	30.02	15.79	ppb
Calcium	44-1	29.48	35.37	30.30	31.72	10.05	ppb
Chromium	52-2	226.51	218.48	216.91	220.63	2.33	ppb
Cobalt	59-2	531.33	514.02	505.14	516.83	2.58	ppb
Copper	63-2	271.26	259.90	258.52	263.23	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1390.31	1334.62	1321.52	1348.82	2.71	ppb
Iron	57-2	1376.33	1310.62	1266.35	1317.76	4.20	ppb
Lead	206-1	34.93	35.60	35.32	35.28	0.95	ppb
Lead	207-1	34.03	34.08	33.92	34.01	0.24	ppb
Lead	208-1	34.75	34.94	34.62	34.77	0.46	ppb
Lithium	6-1				104		%
Magnesium	24-2	711.16	718.29	729.62	719.69	1.29	ppb
Manganese	55-2	526.80	510.24	501.43	512.82	2.51	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.03	0.04	24.19	ppb
Molybdenum	95-1	0.05	0.03	0.06	0.05	33.87	ppb
Molybdenum	96-1	0.06	0.03	0.08	0.06	40.97	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	7.90	ppb
Molybdenum	98-1	0.03	0.02	0.05	0.03	38.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.46	501.54	493.31	506.10	3.08	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	24.02	37.34	26.92	29.42	23.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	48.44	111.30	92.57	84.10	38.37	ppb
Selenium	78-2	124.37	80.42	105.65	103.48	21.31	ppb
Selenium	82-1	103.88	103.15	103.50	103.51	0.35	ppb
Silicon	28-1	-3.54	-3.34	-5.33	-4.07		ppb
Silver	109-1	65.96	65.86	66.37	66.06	0.41	ppb
Silver	107-1	66.76	66.93	67.01	66.90	0.19	ppb
Sodium	23-2	28.27	26.50	26.81	27.20	3.48	ppb
Strontium	86-1	0.03	0.02	-0.01	0.01	145.11	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	6.98	ppb
Sulfur	34-1	-1095.15	-1134.72	-1333.12	-1187.66		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	52.32	53.24	52.61	52.73	0.89	ppb
Thallium	205-1	53.65	53.99	53.92	53.85	0.33	ppb
Tin	118-1	-0.02	0.01	-0.03	-0.01		ppb
Titanium	47-1	0.10	0.04	-0.02	0.04	148.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	521.97	505.47	504.23	510.56	1.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	526.19	502.14	489.05	505.79	3.72	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.41	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.02	0.04	0.01	396.75	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	214.94	222.72	190.54	209.40	8.02	ppb
Antimony	121-1	20.48	20.27	20.36	20.37	0.51	ppb
Arsenic	75-2	21.81	22.66	22.57	22.35	2.08	ppb
Barium	135-1	50.53	49.64	49.42	49.86	1.18	ppb
Barium	137-1	50.53	49.93	50.43	50.30	0.64	ppb
Beryllium	9-1	21.56	22.15	21.72	21.81	1.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	1.82	2.22	2.66	2.23	18.98	ppb
Boron	11-1	2.93	3.05	2.75	2.91	5.13	ppb
Cadmium	111-1	13.21	12.96	12.77	12.98	1.71	ppb
Cadmium	106-1	12.64	10.55	10.62	11.27	10.55	ppb
Cadmium	108-1	12.81	11.32	12.21	12.11	6.20	ppb
Calcium	43-1	254.73	258.79	250.47	254.66	1.63	ppb
Calcium	44-1	241.11	230.04	237.89	236.35	2.41	ppb
Chromium	52-2	27.45	28.42	28.75	28.21	2.39	ppb
Cobalt	59-2	30.10	30.20	31.03	30.44	1.68	ppb
Copper	63-2	21.16	20.46	20.94	20.85	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	159.70	159.70	159.58	159.66	0.04	ppb
Iron	57-2	162.83	152.49	167.66	160.99	4.81	ppb
Lead	206-1	22.31	21.92	21.77	22.00	1.25	ppb
Lead	207-1	21.22	20.74	20.69	20.88	1.39	ppb
Lead	208-1	21.89	21.44	21.34	21.56	1.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	82.84	78.27	76.24	79.12	4.27	ppb
Manganese	55-2	15.99	15.70	16.23	15.97	1.65	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.14	1.15	1.04	1.11	5.11	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	7.17	ppb
Molybdenum	96-1	0.17	0.18	0.17	0.17	5.49	ppb
Molybdenum	97-1	0.03	0.08	0.03	0.05	57.05	ppb
Molybdenum	98-1	0.03	0.06	0.04	0.04	26.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.33	30.78	31.12	31.08	0.89	ppb
Phosphorus	31-2	0.00	80.91	27.40	36.10	113.98	ppb
Potassium	39-2	109.25	129.40	108.94	115.86	10.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	16.74	23.17	30.04	23.32	28.52	ppb
Selenium	78-2	22.76	20.71	23.30	22.26	6.13	ppb
Selenium	82-1	27.69	26.94	25.70	26.78	3.75	ppb
Silicon	28-1	234.67	220.88	218.92	224.82	3.82	ppb
Silver	109-1	6.82	6.59	6.43	6.61	2.95	ppb
Silver	107-1	6.62	6.67	6.53	6.61	1.08	ppb
Sodium	23-2	85.57	93.83	81.15	86.85	7.41	ppb
Strontium	86-1	2.13	1.99	2.02	2.05	3.39	ppb
Strontium	88-1	2.09	2.04	2.13	2.09	2.09	ppb
Sulfur	34-1	-1216.64	-1876.88	-1787.08	-1626.87		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	10.91	10.99	11.02	10.97	0.51	ppb
Thallium	205-1	11.06	10.91	10.91	10.96	0.80	ppb
Tin	118-1	0.12	0.12	0.13	0.12	5.88	ppb
Titanium	47-1	2.17	2.20	2.12	2.16	1.84	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.44	ppb
Vanadium	51-2	0.68	0.59	0.53	0.60	12.76	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.42	1.65	1.55	1.54	7.44	ppb
Zirconium	90-1	0.72	0.71	0.70	0.71	1.37	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.65	0.59	0.67	14.59	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	205.95	189.99	187.81	194.58	5.09	ppb
Antimony	121-1	20.03	20.51	20.46	20.33	1.32	ppb
Arsenic	75-2	22.74	21.13	21.98	21.95	3.67	ppb
Barium	135-1	49.28	49.13	48.63	49.02	0.70	ppb
Barium	137-1	49.51	49.58	50.77	49.95	1.42	ppb
Beryllium	9-1	20.54	20.98	21.13	20.88	1.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	2.53	2.48	1.98	2.33	12.86	ppb
Boron	11-1	2.35	2.49	2.76	2.53	8.38	ppb
Cadmium	111-1	12.80	12.73	13.27	12.93	2.27	ppb
Cadmium	106-1	9.39	11.38	11.43	10.73	10.83	ppb
Cadmium	108-1	10.73	11.37	9.65	10.58	8.20	ppb
Calcium	43-1	235.28	273.62	240.72	249.88	8.30	ppb
Calcium	44-1	234.40	237.16	242.30	237.95	1.68	ppb
Chromium	52-2	27.95	29.31	28.82	28.70	2.39	ppb
Cobalt	59-2	30.35	31.02	31.25	30.88	1.51	ppb
Copper	63-2	20.86	20.90	21.21	20.99	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	157.59	160.92	162.14	160.21	1.47	ppb
Iron	57-2	156.04	175.12	150.81	160.65	7.97	ppb
Lead	206-1	22.01	21.38	22.21	21.87	1.97	ppb
Lead	207-1	21.01	20.87	20.62	20.84	0.94	ppb
Lead	208-1	21.64	21.38	21.54	21.52	0.63	ppb
Lithium	6-1				105		%
Magnesium	24-2	89.22	70.65	73.56	77.81	12.84	ppb
Manganese	55-2	16.95	15.87	15.47	16.10	4.76	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.01	1.15	1.12	1.09	6.93	ppb
Molybdenum	95-1	0.02	0.02	0.05	0.03	62.44	ppb
Molybdenum	96-1	0.17	0.19	0.19	0.18	8.14	ppb
Molybdenum	97-1	0.01	0.01	0.04	0.02	91.77	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	15.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.82	30.82	31.52	31.05	1.29	ppb
Phosphorus	31-2	0.00	0.00	27.78	9.26	173.21	ppb
Potassium	39-2	109.39	88.84	118.76	105.67	14.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	4.27	17.09	29.85	17.07	74.94	ppb
Selenium	78-2	30.00	37.63	15.42	27.68	40.75	ppb
Selenium	82-1	26.35	26.81	26.08	26.41	1.38	ppb
Silicon	28-1	248.94	227.49	225.91	234.11	5.49	ppb
Silver	109-1	6.63	6.79	6.84	6.75	1.65	ppb
Silver	107-1	6.57	6.65	6.79	6.67	1.67	ppb
Sodium	23-2	105.01	104.62	108.30	105.98	1.91	ppb
Strontium	86-1	2.17	2.20	2.17	2.18	0.85	ppb
Strontium	88-1	2.07	2.13	2.10	2.10	1.36	ppb
Sulfur	34-1	-1938.24	-1820.11	-1759.25	-1839.20		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	10.81	10.49	10.56	10.62	1.57	ppb
Thallium	205-1	10.99	10.63	11.06	10.89	2.11	ppb
Tin	118-1	0.17	0.21	0.13	0.17	20.78	ppb
Titanium	47-1	2.22	2.19	2.23	2.21	0.81	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.90	ppb
Vanadium	51-2	0.66	0.65	0.70	0.67	3.75	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.58	2.15	1.84	1.86	15.43	ppb
Zirconium	90-1	0.75	0.73	0.70	0.73	3.62	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.61	0.70	0.68	8.87	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.52	26.36	26.19	30.36	23.30	ppb
Antimony	121-1	4.12	4.10	4.20	4.14	1.24	ppb
Arsenic	75-2	4.43	4.52	3.96	4.30	7.06	ppb
Barium	135-1	9.53	9.59	9.66	9.59	0.68	ppb
Barium	137-1	9.65	10.32	9.92	9.96	3.35	ppb
Beryllium	9-1	4.29	4.37	4.11	4.26	3.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	0.38	0.71	0.49	0.53	31.57	ppb
Boron	11-1	1.06	1.32	1.73	1.37	24.92	ppb
Cadmium	111-1	2.59	2.58	2.49	2.55	2.14	ppb
Cadmium	106-1	1.17	0.40	1.98	1.19	66.54	ppb
Cadmium	108-1	2.60	2.50	2.34	2.48	5.17	ppb
Calcium	43-1	43.22	39.70	49.80	44.24	11.59	ppb
Calcium	44-1	46.51	46.92	48.58	47.34	2.31	ppb
Chromium	52-2	5.46	5.39	5.85	5.56	4.42	ppb
Cobalt	59-2	6.08	6.07	5.89	6.01	1.81	ppb
Copper	63-2	4.21	4.38	4.39	4.33	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	31.20	33.76	32.99	32.65	4.02	ppb
Iron	57-2	29.91	26.69	33.52	30.04	11.37	ppb
Lead	206-1	4.56	4.58	4.59	4.58	0.34	ppb
Lead	207-1	4.33	4.21	4.27	4.27	1.40	ppb
Lead	208-1	4.52	4.48	4.50	4.50	0.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	20.59	21.09	14.31	18.67	20.25	ppb
Manganese	55-2	3.16	3.49	3.33	3.33	5.02	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.76	0.66	0.74	0.72	6.96	ppb
Molybdenum	95-1	0.65	0.76	0.81	0.74	11.23	ppb
Molybdenum	96-1	0.76	0.76	0.72	0.74	3.22	ppb
Molybdenum	97-1	0.75	0.69	0.77	0.74	5.38	ppb
Molybdenum	98-1	0.65	0.78	0.75	0.73	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.07	5.89	6.24	6.07	2.88	ppb
Phosphorus	31-2	0.00	0.00	28.01	9.34	173.21	ppb
Potassium	39-2	45.34	43.99	31.77	40.37	18.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	4.28	4.26	10.69	6.41	57.83	ppb
Selenium	78-2	5.54	6.63	5.50	5.89	10.85	ppb
Selenium	82-1	6.25	6.25	5.92	6.14	3.02	ppb
Silicon	28-1	38.96	43.72	44.97	42.55	7.45	ppb
Silver	109-1	1.34	1.37	1.33	1.35	1.29	ppb
Silver	107-1	1.38	1.38	1.34	1.37	1.64	ppb
Sodium	23-2	40.85	41.40	33.28	38.51	11.78	ppb
Strontium	86-1	0.42	0.50	0.53	0.48	11.42	ppb
Strontium	88-1	0.39	0.43	0.42	0.41	5.32	ppb
Sulfur	34-1	-1659.87	-1422.68	-1354.29	-1478.95		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	2.12	2.10	2.21	2.14	2.85	ppb
Thallium	205-1	2.24	2.22	2.26	2.24	0.89	ppb
Tin	118-1	0.19	0.20	0.18	0.19	5.62	ppb
Titanium	47-1	1.22	1.08	1.18	1.16	6.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.55	ppb
Vanadium	51-2	0.15	0.14	0.16	0.15	7.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.69	0.57	0.57	0.61	11.25	ppb
Zirconium	90-1	0.17	0.13	0.17	0.16	12.85	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.18	0.15	0.17	9.46	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	539.82	550.76	604.10	564.90	6.09	ppb
Antimony	121-1	40.47	41.26	40.68	40.80	1.00	ppb
Arsenic	75-2	30.52	29.35	28.88	29.58	2.86	ppb
Barium	135-1	461.69	470.72	458.97	463.79	1.33	ppb
Barium	137-1	465.55	472.48	465.22	467.75	0.88	ppb
Beryllium	9-1	31.61	31.08	30.65	31.11	1.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	1.59	1.50	1.30	1.46	10.37	ppb
Boron	11-1	2.48	2.35	2.02	2.28	10.24	ppb
Cadmium	111-1	23.51	23.40	23.24	23.38	0.60	ppb
Cadmium	106-1	19.81	18.25	18.60	18.89	4.33	ppb
Cadmium	108-1	21.30	21.41	22.89	21.87	4.06	ppb
Calcium	43-1	234.49	252.53	240.66	242.56	3.78	ppb
Calcium	44-1	235.70	244.48	237.55	239.24	1.93	ppb
Chromium	52-2	67.61	67.98	67.67	67.75	0.29	ppb
Cobalt	59-2	131.00	130.96	131.40	131.12	0.19	ppb
Copper	63-2	70.20	71.20	70.78	70.73	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	355.25	359.51	359.18	357.98	0.66	ppb
Iron	57-2	358.28	363.93	334.54	352.25	4.43	ppb
Lead	206-1	25.44	25.44	24.93	25.27	1.17	ppb
Lead	207-1	24.57	24.73	24.04	24.45	1.47	ppb
Lead	208-1	25.20	24.99	24.70	24.96	1.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	80.26	75.10	73.53	76.30	4.62	ppb
Manganese	55-2	115.34	116.21	115.83	115.79	0.37	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.10	1.18	1.09	1.12	4.21	ppb
Molybdenum	95-1	0.04	0.07	0.05	0.05	29.43	ppb
Molybdenum	96-1	0.20	0.18	0.16	0.18	10.55	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	4.16	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	31.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.59	134.62	130.49	132.90	1.62	ppb
Phosphorus	31-2	0.00	0.00	27.77	9.26	173.21	ppb
Potassium	39-2	120.43	108.62	126.89	118.65	7.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	49.07	62.01	55.42	55.50	11.66	ppb
Selenium	78-2	48.59	65.32	51.85	55.25	16.05	ppb
Selenium	82-1	46.10	45.02	46.52	45.88	1.69	ppb
Silicon	28-1	248.92	249.46	246.19	248.19	0.71	ppb
Silver	109-1	16.69	16.72	16.60	16.67	0.37	ppb
Silver	107-1	16.54	16.86	16.46	16.62	1.27	ppb
Sodium	23-2	107.05	101.29	115.45	107.93	6.60	ppb
Strontium	86-1	2.02	2.08	2.04	2.05	1.43	ppb
Strontium	88-1	2.09	2.10	2.06	2.09	0.96	ppb
Sulfur	34-1	-1856.94	-1898.43	-1834.87	-1863.41		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	20.36	20.47	19.93	20.25	1.40	ppb
Thallium	205-1	20.73	20.93	20.28	20.65	1.61	ppb
Tin	118-1	0.14	0.18	0.14	0.15	16.13	ppb
Titanium	47-1	2.66	2.06	1.85	2.19	19.07	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	7.90	ppb
Vanadium	51-2	98.20	99.79	99.17	99.05	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	97.28	101.93	101.00	100.07	2.46	ppb
Zirconium	90-1	0.64	0.75	0.68	0.69	8.06	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.72	0.69	0.72	3.88	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10878.40	10819.03	10995.55	10897.66	0.82	ppb
Antimony	121-1	0.16	0.20	0.17	0.18	10.60	ppb
Arsenic	75-2	1.86	2.24	2.17	2.09	9.89	ppb
Barium	135-1	454.55	450.47	462.87	455.96	1.39	ppb
Barium	137-1	458.46	454.84	462.84	458.71	0.87	ppb
Beryllium	9-1	2.03	1.97	1.75	1.92	7.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	3.79	2.18	4.26	3.41	32.00	ppb
Boron	11-1	4.32	4.67	4.23	4.41	5.29	ppb
Cadmium	111-1	0.43	0.59	0.61	0.55	17.57	ppb
Cadmium	106-1	-1.33	0.75	0.59	0.00	33640.44	ppb
Cadmium	108-1	0.82	0.77	0.66	0.75	10.67	ppb
Calcium	43-1	48848.45	48783.94	48321.21	48651.20	0.59	ppb
Calcium	44-1	49242.26	48234.60	48524.18	48667.02	1.07	ppb
Chromium	52-2	15.26	15.13	15.49	15.29	1.19	ppb
Cobalt	59-2	8.07	7.69	7.59	7.78	3.27	ppb
Copper	63-2	20.14	20.17	20.15	20.15	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				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	12158.51	12100.73	12141.94	12133.73	0.25	ppb
Iron	57-2	11943.82	11610.70	11979.20	11844.57	1.72	ppb
Lead	206-1	23.37	23.79	23.58	23.58	0.91	ppb
Lead	207-1	21.14	20.97	21.44	21.18	1.11	ppb
Lead	208-1	22.18	22.46	22.58	22.41	0.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	6896.20	6825.88	6733.93	6818.67	1.19	ppb
Manganese	55-2	442.90	432.36	440.54	438.60	1.26	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.62	4.82	4.92	4.79	3.11	ppb
Molybdenum	95-1	0.09	0.11	0.12	0.11	15.48	ppb
Molybdenum	96-1	0.77	0.64	0.72	0.71	9.25	ppb
Molybdenum	97-1	0.05	0.11	0.05	0.07	45.16	ppb
Molybdenum	98-1	0.10	0.10	0.12	0.11	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.03	22.77	22.25	22.35	1.70	ppb
Phosphorus	31-2	13787.28	13195.82	14001.76	13661.62	3.06	ppb
Potassium	39-2	1541.46	1492.14	1564.34	1532.65	2.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	52.75	60.26	59.01	57.34	7.01	ppb
Selenium	78-2	20.91	18.22	22.03	20.38	9.61	ppb
Selenium	82-1	16.28	15.60	16.53	16.14	3.00	ppb
Silicon	28-1	3081.12	3080.84	3038.42	3066.80	0.80	ppb
Silver	109-1	0.11	0.15	0.13	0.13	17.04	ppb
Silver	107-1	0.11	0.14	0.14	0.13	15.65	ppb
Sodium	23-2	464.36	486.94	487.72	479.67	2.77	ppb
Strontium	86-1	118.64	118.68	118.91	118.74	0.12	ppb
Strontium	88-1	121.90	122.06	122.01	121.99	0.07	ppb
Sulfur	34-1	-2153.38	-2316.92	-2182.89	-2217.73		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.27	0.27	0.26	7.80	ppb
Thallium	205-1	0.22	0.25	0.25	0.24	6.07	ppb
Tin	118-1	0.40	0.38	0.43	0.41	6.32	ppb
Titanium	47-1	29.97	27.92	27.11	28.33	5.21	ppb
Uranium	238-1	30.52	30.44	30.51	30.49	0.15	ppb
Vanadium	51-2	17.47	17.67	17.88	17.68	1.16	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	68.18	67.67	68.55	68.13	0.65	ppb
Zirconium	90-1	3.14	3.67	3.08	3.30	9.88	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.03	2.98	2.99	3.00	0.83	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47372.02	46407.63	48789.86	47523.17	2.52	ppb
Antimony	121-1	491.39	489.31	495.14	491.95	0.60	ppb
Arsenic	75-2	478.77	466.30	484.98	476.68	2.00	ppb
Barium	135-1	2488.53	2484.70	2467.15	2480.13	0.46	ppb
Barium	137-1	2468.72	2443.72	2453.29	2455.24	0.51	ppb
Beryllium	9-1	495.15	494.63	492.36	494.05	0.30	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	499.68	514.54	502.64	505.62	1.56	ppb
Boron	11-1	486.39	496.29	501.88	494.85	1.58	ppb
Cadmium	111-1	477.53	478.88	482.05	479.49	0.48	ppb
Cadmium	106-1	467.20	481.77	486.40	478.46	2.09	ppb
Cadmium	108-1	484.13	486.23	473.11	481.16	1.46	ppb
Calcium	43-1	239590.73	238799.24	233652.93	237347.63	1.36	ppb
Calcium	44-1	232921.86	236280.66	232064.55	233755.69	0.95	ppb
Chromium	52-2	478.83	473.83	496.53	483.06	2.47	ppb
Cobalt	59-2	465.46	462.85	481.29	469.87	2.12	ppb
Copper	63-2	967.75	957.36	999.60	974.91	2.26	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				98		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	119773.44	119245.02	124033.29	121017.25	2.17	ppb
Iron	57-2	118504.06	116956.42	122242.15	119234.21	2.28	ppb
Lead	206-1	485.54	494.13	495.73	491.80	1.11	ppb
Lead	207-1	496.20	486.74	493.24	492.06	0.98	ppb
Lead	208-1	497.18	492.84	496.74	495.58	0.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	237737.21	235811.85	242610.30	238719.78	1.47	ppb
Manganese	55-2	965.98	948.41	987.24	967.21	2.01	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2467.95	2458.77	2482.62	2469.78	0.49	ppb
Molybdenum	95-1	2435.77	2444.66	2466.01	2448.81	0.63	ppb
Molybdenum	96-1	2459.08	2441.21	2482.73	2461.01	0.85	ppb
Molybdenum	97-1	2475.03	2474.68	2495.81	2481.84	0.49	ppb
Molybdenum	98-1	2461.93	2433.59	2450.64	2448.72	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.39	459.92	480.85	468.39	2.35	ppb
Phosphorus	31-2	9757.80	9620.00	9515.70	9631.16	1.26	ppb
Potassium	39-2	119029.83	116808.61	122693.00	119510.48	2.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	378.48	398.13	545.56	440.72	20.72	ppb
Selenium	78-2	486.40	507.80	523.54	505.91	3.68	ppb
Selenium	82-1	484.29	491.78	488.13	488.07	0.77	ppb
Silicon	28-1	502.64	496.12	494.74	497.83	0.85	ppb
Silver	109-1	487.37	488.29	485.01	486.89	0.35	ppb
Silver	107-1	485.37	489.28	486.54	487.06	0.41	ppb
Sodium	23-2	230332.06	230254.42	239679.71	233422.06	2.32	ppb
Strontium	86-1	500.29	500.08	498.49	499.62	0.20	ppb
Strontium	88-1	504.18	502.56	505.47	504.07	0.29	ppb
Sulfur	34-1	8445.45	8888.42	8284.28	8539.38	3.66	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	501.76	498.81	496.91	499.16	0.49	ppb
Thallium	205-1	497.28	497.82	503.10	499.40	0.64	ppb
Tin	118-1	492.18	499.86	494.25	495.43	0.80	ppb
Titanium	47-1	2485.54	2508.35	2479.68	2491.19	0.61	ppb
Uranium	238-1	498.73	499.06	492.42	496.74	0.75	ppb
Vanadium	51-2	477.80	473.15	495.29	482.08	2.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	970.68	968.71	1006.52	981.97	2.17	ppb
Zirconium	90-1	494.80	493.74	498.36	495.63	0.49	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.69	481.49	491.98	485.39	1.18	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-1.20	2.66	-0.56		ppb
Antimony	121-1	0.42	0.42	0.49	0.44	9.65	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.04	-0.01	0.05	0.02	135.91	ppb
Barium	137-1	0.02	0.03	0.03	0.03	21.18	ppb
Beryllium	9-1	0.20	0.25	0.19	0.21	16.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	13.21	13.31	12.04	12.85	5.52	ppb
Boron	11-1	14.96	13.51	12.40	13.62	9.45	ppb
Cadmium	111-1	-0.05	-0.03	-0.08	-0.05		ppb
Cadmium	106-1	-1.33	-0.77	-1.49	-1.19		ppb
Cadmium	108-1	0.04	0.09	-0.09	0.02	589.01	ppb
Calcium	43-1	0.39	-0.13	-1.81	-0.52		ppb
Calcium	44-1	2.05	0.81	0.81	1.23	58.56	ppb
Chromium	52-2	0.01	0.00	-0.05	-0.01		ppb
Cobalt	59-2	0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.06	0.06	0.06	0.06	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	3.71	4.10	3.07	3.63	14.40	ppb
Iron	57-2	3.60	2.54	4.80	3.65	31.02	ppb
Lead	206-1	0.11	0.10	0.09	0.10	10.34	ppb
Lead	207-1	0.08	0.11	0.10	0.10	13.71	ppb
Lead	208-1	0.10	0.12	0.11	0.11	9.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.14	7.76	2.78	5.89	46.05	ppb
Manganese	55-2	0.02	-0.02	0.10	0.03	212.36	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.27	0.21	0.24	11.86	ppb
Molybdenum	95-1	0.29	0.27	0.21	0.26	15.51	ppb
Molybdenum	96-1	0.26	0.29	0.23	0.26	11.60	ppb
Molybdenum	97-1	0.28	0.21	0.27	0.25	13.84	ppb
Molybdenum	98-1	0.22	0.20	0.22	0.21	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.29	-0.16	-0.21		ppb
Phosphorus	31-2	29.26	0.00	0.00	9.75	173.21	ppb
Potassium	39-2	27.58	22.88	11.34	20.60	40.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	4.40	-2.17	-2.17	0.02	18515.82	ppb
Selenium	78-2	-2.26	-2.26	-1.12	-1.88		ppb
Selenium	82-1	0.25	1.08	-0.26	0.35	191.18	ppb
Silicon	28-1	-10.51	-13.00	-12.95	-12.15		ppb
Silver	109-1	0.01	0.03	0.03	0.02	34.77	ppb
Silver	107-1	0.04	0.03	0.03	0.03	11.36	ppb
Sodium	23-2	38.53	56.54	48.84	47.97	18.83	ppb
Strontium	86-1	-0.03	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	33.23	ppb
Sulfur	34-1	-1602.96	-1371.39	-1391.31	-1455.22		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.17	0.17	0.17	5.65	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	8.91	ppb
Tin	118-1	0.05	0.03	0.02	0.03	32.26	ppb
Titanium	47-1	-0.06	0.00	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	75.78	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	2379.84	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.15	0.23	0.19	0.19	19.79	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	12.73	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	33.52	ppb

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	150	92	75	106	37.31	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	33	58	42	44	28.65	cps
Barium	137-1	50	58	33	47	26.97	cps
Beryllium	9-1	161	128	178	156	16.37	cps
Bismuth	209-1	4990241	4989972	4996914	4992375	0.08	cps
Bismuth	209-2	1308441	1322175	1320449	1317022	0.57	cps
Boron	10-1	300	275	233	269	12.50	cps
Boron	11-1	1033	925	1025	995	6.06	cps
Cadmium	111-1	830	897	928	885	5.66	cps
Cadmium	106-1	1183	1258	1292	1245	4.46	cps
Cadmium	108-1	4	25	8	13	88.19	cps
Calcium	43-1	500	642	775	639	21.53	cps
Calcium	44-1	11755	11439	11288	11494	2.07	cps
Chromium	52-2	233	243	273	250	8.33	cps
Cobalt	59-2	60	67	27	51	41.93	cps
Copper	63-2	147	113	180	147	22.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	7855338	7679813	7787470	7774207	1.14	cps
Holmium	165-2	1680007	1676778	1684506	1680430	0.23	cps
Indium	115-1	6441316	6380066	6435717	6419033	0.53	cps
Indium	115-2	266194	267268	264806	266089	0.46	cps
Iron	56-2	828	1028	1039	965	12.31	cps
Iron	57-2	17	28	17	20	31.48	cps
Lead	206-1	361	272	278	304	16.40	cps
Lead	207-1	239	261	311	270	13.68	cps
Lead	208-1	1150	1145	1106	1133	2.14	cps
Lithium	6-1	1273507	1248087	1259021	1260205	1.01	cps
Magnesium	24-2	217	133	92	147	43.23	cps
Manganese	55-2	13	17	13	14	13.35	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	150	192	169	12.38	cps
Molybdenum	95-1	75	50	50	58	24.74	cps
Molybdenum	96-1	75	75	75	75	0.00	cps
Molybdenum	97-1	92	33	33	53	63.82	cps
Molybdenum	98-1	75	83	92	83	10.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	303	257	273	9.52	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1809	1759	1717	1761	2.61	cps
Rhodium	103-1	5940736	5897567	5855368	5897890	0.72	cps
Rhodium	103-2	1537008	1538258	1546355	1540540	0.33	cps
Scandium	45-1	3707126	3685409	3668005	3686847	0.53	cps
Scandium	45-2	26949	27240	27654	27281	1.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-3	-39	-35	-26	-75.83	cps
Silicon	28-1	362080	362150	358481	360903	0.58	cps
Silver	109-1	67	83	100	83	20.00	cps
Silver	107-1	42	83	75	67	33.07	cps
Sodium	23-2	4759	4976	5068	4934	3.21	cps
Strontium	86-1	350	417	408	392	9.28	cps
Strontium	88-1	100	108	167	125	29.06	cps
Sulfur	34-1	334339	338932	334716	335996	0.76	cps
Terbium	159-1	8142721	7980413	8027351	8050162	1.04	cps
Terbium	159-2	1621515	1559447	1553947	1578303	2.38	cps
Thallium	203-1	108	108	83	100	14.43	cps
Thallium	205-1	250	292	358	300	18.22	cps
Tin	118-1	650	850	1596	1032	48.30	cps
Titanium	47-1	133	117	133	128	7.53	cps
Uranium	238-1	75	100	83	86	14.78	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	6664352	6583638	6614997	6620996	0.61	cps
Yttrium	89-2	198115	196803	196898	197272	0.37	cps
Zinc	66-2	37	7	33	26	64.33	cps
Zirconium	90-1	383	342	283	336	14.95	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	83	86	5.58	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	100	125	17.64	cps
Antimony	121-1	11989	12398	12782	12390	3.20	cps
Arsenic	75-2	67	83	80	77	11.43	cps
Barium	135-1	12865	13207	13399	13157	2.06	cps
Barium	137-1	22804	22570	22512	22629	0.68	cps
Beryllium	9-1	1183	1033	1078	1098	7.02	cps
Bismuth	209-1	4904050	4970860	4801185	4892032	1.75	cps
Bismuth	209-2	1312724	1301923	1313724	1309457	0.50	cps
Boron	10-1	2642	2450	2492	2528	3.99	cps
Boron	11-1	11597	11563	11964	11708	1.90	cps
Cadmium	111-1	2348	2021	2068	2145	8.24	cps
Cadmium	106-1	1508	1258	1242	1336	11.18	cps
Cadmium	108-1	83	104	121	103	18.28	cps
Calcium	43-1	7903	6910	7135	7316	7.11	cps
Calcium	44-1	116622	116903	119731	117752	1.46	cps
Chromium	52-2	1473	1320	1370	1388	5.63	cps
Cobalt	59-2	1187	1157	1227	1190	2.95	cps
Copper	63-2	2180	2160	2284	2208	3.00	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	7637144	7505917	7431532	7524864	1.38	cps
Holmium	165-2	1623925	1607458	1637641	1623008	0.93	cps
Indium	115-1	6354460	6313414	6179659	6282511	1.45	cps
Indium	115-2	268773	264189	266227	266396	0.86	cps
Iron	56-2	19230	18641	18485	18785	2.09	cps
Iron	57-2	567	444	400	470	18.35	cps
Lead	206-1	3940	4673	4318	4310	8.51	cps
Lead	207-1	3923	3678	3467	3690	6.18	cps
Lead	208-1	17000	17205	16599	16935	1.82	cps
Lithium	6-1	1258981	1251260	1226617	1245620	1.36	cps
Magnesium	24-2	9887	9237	9729	9618	3.53	cps
Manganese	55-2	187	183	113	161	25.70	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10638	10771	10947	10785	1.43	cps
Molybdenum	95-1	12940	11989	12773	12568	4.04	cps
Molybdenum	96-1	14050	14133	14725	14303	2.58	cps
Molybdenum	97-1	8019	7711	7911	7880	1.99	cps
Molybdenum	98-1	20274	20975	20349	20533	1.87	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	667	637	673	659	2.96	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7044	6852	6594	6830	3.31	cps
Rhodium	103-1	5823832	5834586	5686050	5781489	1.43	cps
Rhodium	103-2	1539683	1532897	1510309	1527630	1.01	cps
Scandium	45-1	3608050	3543429	3512912	3554797	1.37	cps
Scandium	45-2	26789	27133	26726	26883	0.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	13	4	10	54.15	cps
Selenium	82-1	421	359	396	392	7.96	cps
Silicon	28-1	403252	399896	405256	402801	0.67	cps
Silver	109-1	6043	6444	6385	6291	3.44	cps
Silver	107-1	6852	6435	7152	6813	5.28	cps
Sodium	23-2	27185	26985	27210	27127	0.46	cps
Strontium	86-1	2217	2092	1909	2072	7.48	cps
Strontium	88-1	14842	14600	14558	14667	1.04	cps
Sulfur	34-1	336597	336770	337390	336919	0.12	cps
Terbium	159-1	7916377	7897045	7785684	7866369	0.90	cps
Terbium	159-2	1580522	1535390	1549055	1554989	1.49	cps
Thallium	203-1	5176	4976	5093	5082	1.98	cps
Thallium	205-1	11764	11506	11964	11745	1.96	cps
Tin	118-1	21819	21894	21527	21746	0.89	cps
Titanium	47-1	3601	3384	3542	3509	3.20	cps
Uranium	238-1	14359	14768	15385	14837	3.48	cps
Vanadium	51-2	1970	2137	2074	2060	4.08	cps
Yttrium	89-1	6621032	6492200	6376683	6496638	1.88	cps
Yttrium	89-2	196454	195923	196735	196371	0.21	cps
Zinc	66-2	213	160	207	193	15.03	cps
Zirconium	90-1	9687	9771	9095	9518	3.87	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2059	2017	2250	2109	5.90	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4109	4701	4142	4318	7.70	cps
Antimony	121-1	333978	331167	334643	333262	0.55	cps
Arsenic	75-2	3465	3630	3602	3566	2.48	cps
Barium	135-1	352661	352295	351614	352190	0.15	cps
Barium	137-1	613289	613110	614393	613597	0.11	cps
Beryllium	9-1	46442	45283	45539	45755	1.33	cps
Bismuth	209-1	4984208	4854472	4738701	4859127	2.53	cps
Bismuth	209-2	1318388	1318615	1319892	1318965	0.06	cps
Boron	10-1	5351	4968	5368	5229	4.33	cps
Boron	11-1	23320	23929	24029	23759	1.62	cps
Cadmium	111-1	71335	71953	71316	71535	0.51	cps
Cadmium	106-1	8478	8595	8445	8506	0.93	cps
Cadmium	108-1	5030	4880	4989	4966	1.56	cps
Calcium	43-1	72588	71181	71591	71787	1.01	cps
Calcium	44-1	1179752	1175201	1179171	1178041	0.21	cps
Chromium	52-2	28619	28449	28005	28358	1.12	cps
Cobalt	59-2	61462	62195	62114	61924	0.65	cps
Copper	63-2	108523	107475	107156	107718	0.66	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	67	17	44	57.28	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7634981	7454954	7255613	7448516	2.55	cps
Holmium	165-2	1637252	1644317	1611791	1631120	1.05	cps
Indium	115-1	6297873	6157514	6087373	6180920	1.73	cps
Indium	115-2	265895	267510	263310	265572	0.80	cps
Iron	56-2	952287	961762	948606	954218	0.71	cps
Iron	57-2	24155	24361	24121	24212	0.54	cps
Lead	206-1	204621	206531	205842	205665	0.47	cps
Lead	207-1	188051	186821	187733	187535	0.34	cps
Lead	208-1	837689	840381	841754	839942	0.25	cps
Lithium	6-1	1262794	1232077	1208446	1234439	2.21	cps
Magnesium	24-2	101074	102971	101419	101821	0.99	cps
Manganese	55-2	16857	16350	15699	16302	3.56	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	565266	568089	566849	566735	0.25	cps
Molybdenum	95-1	693853	700017	696847	696906	0.44	cps
Molybdenum	96-1	768803	769521	759361	765895	0.74	cps
Molybdenum	97-1	429796	434386	433760	432647	0.58	cps
Molybdenum	98-1	1115069	1106305	1116026	1112467	0.48	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	18336	18252	18296	18294	0.23	cps
Phosphorus	31-2	342	333	317	331	3.85	cps
Potassium	39-2	30166	29941	29657	29922	0.85	cps
Rhodium	103-1	5802728	5690844	5525822	5673131	2.46	cps
Rhodium	103-2	1508092	1515595	1524672	1516119	0.55	cps
Scandium	45-1	3557243	3495409	3401455	3484702	2.25	cps
Scandium	45-2	27176	27868	26923	27322	1.79	cps
Selenium	77-2	27	23	20	23	14.29	cps
Selenium	78-2	93	74	57	75	23.56	cps
Selenium	82-1	4147	4571	4488	4402	5.10	cps
Silicon	28-1	521741	516515	517321	518525	0.54	cps
Silver	109-1	330505	330988	330639	330710	0.08	cps
Silver	107-1	346379	345510	344900	345596	0.22	cps
Sodium	23-2	238347	240695	238703	239248	0.53	cps
Strontium	86-1	90918	90013	89720	90217	0.69	cps
Strontium	88-1	781987	777015	781755	780252	0.36	cps
Sulfur	34-1	355148	355332	356676	355718	0.23	cps
Terbium	159-1	8080962	7707956	7627469	7805462	3.10	cps
Terbium	159-2	1562943	1564714	1556286	1561314	0.28	cps
Thallium	203-1	251547	253679	255431	253552	0.77	cps
Thallium	205-1	603121	595876	607443	602147	0.97	cps
Tin	118-1	229911	229326	234684	231307	1.27	cps
Titanium	47-1	180117	182086	179276	180493	0.80	cps
Uranium	238-1	798061	802018	803101	801060	0.33	cps
Vanadium	51-2	21754	21260	21313	21442	1.26	cps
Yttrium	89-1	6559354	6377996	6218325	6385225	2.67	cps
Yttrium	89-2	196173	196435	193563	195390	0.81	cps
Zinc	66-2	13764	13991	13884	13879	0.82	cps
Zirconium	90-1	471545	474212	473924	473227	0.31	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	105323	105314	104198	104945	0.62	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11038	10196	10596	10610	3.97	cps
Antimony	121-1	838443	836146	833310	835966	0.31	cps
Arsenic	75-2	8682	8669	8642	8665	0.24	cps
Barium	135-1	887819	893006	887833	889553	0.34	cps
Barium	137-1	1533435	1558325	1536378	1542713	0.88	cps
Beryllium	9-1	114479	113572	113931	113994	0.40	cps
Bismuth	209-1	5010125	5028252	5048751	5029043	0.38	cps
Bismuth	209-2	1316092	1318835	1313632	1316187	0.20	cps
Boron	10-1	12781	13090	12815	12895	1.31	cps
Boron	11-1	57415	59474	60193	59027	2.44	cps
Cadmium	111-1	178295	179482	177202	178326	0.64	cps
Cadmium	106-1	20224	19615	19891	19910	1.53	cps
Cadmium	108-1	13044	12664	12861	12856	1.48	cps
Calcium	43-1	177652	177898	177138	177563	0.22	cps
Calcium	44-1	2918004	2920392	2900791	2913062	0.37	cps
Chromium	52-2	69837	69793	69458	69696	0.30	cps
Cobalt	59-2	152335	152645	152264	152415	0.13	cps
Copper	63-2	267872	266657	264442	266324	0.65	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	75	42	25	47	53.91	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	7663511	7772729	7709485	7715242	0.71	cps
Holmium	165-2	1637380	1626426	1623382	1629063	0.45	cps
Indium	115-1	6239537	6327427	6296971	6287978	0.71	cps
Indium	115-2	262686	261232	262641	262186	0.32	cps
Iron	56-2	2405008	2380952	2376970	2387643	0.64	cps
Iron	57-2	59499	58551	58551	58867	0.93	cps
Lead	206-1	523531	521033	522688	522417	0.24	cps
Lead	207-1	469220	474919	476863	473667	0.84	cps
Lead	208-1	2116585	2128702	2132188	2125825	0.39	cps
Lithium	6-1	1255541	1264620	1257416	1259192	0.38	cps
Magnesium	24-2	251283	249644	250597	250508	0.33	cps
Manganese	55-2	40061	40408	40773	40414	0.88	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1446078	1425316	1424635	1432010	0.85	cps
Molybdenum	95-1	1764420	1780029	1783027	1775825	0.56	cps
Molybdenum	96-1	1959978	1930110	1965993	1952027	0.98	cps
Molybdenum	97-1	1068618	1078234	1083779	1076877	0.71	cps
Molybdenum	98-1	2807284	2819626	2848071	2824994	0.74	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45120	45110	44227	44819	1.14	cps
Phosphorus	31-2	633	750	700	694	8.43	cps
Potassium	39-2	69313	71247	72420	70994	2.21	cps
Rhodium	103-1	5738053	5776912	5751013	5755326	0.34	cps
Rhodium	103-2	1493023	1483237	1488619	1488293	0.33	cps
Scandium	45-1	3549471	3575889	3558402	3561254	0.38	cps
Scandium	45-2	26465	26412	26812	26563	0.82	cps
Selenium	77-2	63	73	93	77	19.93	cps
Selenium	78-2	196	167	200	188	9.74	cps
Selenium	82-1	10938	10893	10883	10905	0.27	cps
Silicon	28-1	740772	745679	758745	748399	1.24	cps
Silver	109-1	827400	830580	836487	831489	0.55	cps
Silver	107-1	865773	868070	868385	867409	0.16	cps
Sodium	23-2	584588	589292	595411	589764	0.92	cps
Strontium	86-1	222848	223970	224124	223647	0.31	cps
Strontium	88-1	1963137	1977175	1977626	1972646	0.42	cps
Sulfur	34-1	383599	380116	380269	381328	0.52	cps
Terbium	159-1	7958081	8030152	7885374	7957869	0.91	cps
Terbium	159-2	1556549	1561243	1566197	1561330	0.31	cps
Thallium	203-1	641814	642656	649860	644777	0.69	cps
Thallium	205-1	1534891	1541717	1541145	1539251	0.25	cps
Tin	118-1	576888	584263	582231	581127	0.66	cps
Titanium	47-1	451196	450545	450776	450839	0.07	cps
Uranium	238-1	2051846	2084645	2063402	2066631	0.81	cps
Vanadium	51-2	52281	52712	52679	52557	0.46	cps
Yttrium	89-1	6588510	6606152	6477972	6557545	1.06	cps
Yttrium	89-2	193730	193712	195085	194175	0.41	cps
Zinc	66-2	23964	23781	23537	23761	0.90	cps
Zirconium	90-1	1182517	1193237	1191573	1189109	0.49	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	262307	263228	262062	262532	0.23	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21551	21091	20666	21103	2.10	cps
Antimony	121-1	1722524	1695329	1708321	1708725	0.80	cps
Arsenic	75-2	16914	17164	16907	16995	0.86	cps
Barium	135-1	1798737	1805606	1809015	1804453	0.29	cps
Barium	137-1	3170444	3121113	3107280	3132945	1.06	cps
Beryllium	9-1	223383	220952	222635	222323	0.56	cps
Bismuth	209-1	5028264	5081051	5175324	5094880	1.46	cps
Bismuth	209-2	1316960	1319714	1310396	1315690	0.36	cps
Boron	10-1	24388	25523	25448	25120	2.53	cps
Boron	11-1	113093	113730	117167	114663	1.91	cps
Cadmium	111-1	354629	357551	354742	355641	0.47	cps
Cadmium	106-1	37320	38105	37787	37737	1.05	cps
Cadmium	108-1	24948	25157	25320	25142	0.74	cps
Calcium	43-1	355674	355122	354861	355219	0.12	cps
Calcium	44-1	5759449	5678335	5727987	5721923	0.71	cps
Chromium	52-2	138568	138130	137510	138069	0.38	cps
Cobalt	59-2	302190	301583	300671	301481	0.25	cps
Copper	63-2	523498	526897	522194	524196	0.46	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7717343	7829616	7896457	7814472	1.16	cps
Holmium	165-2	1655570	1637043	1614017	1635543	1.27	cps
Indium	115-1	6270109	6448628	6305939	6341559	1.49	cps
Indium	115-2	262453	261810	258519	260927	0.81	cps
Iron	56-2	4658636	4683816	4637807	4660087	0.49	cps
Iron	57-2	116505	116589	116443	116512	0.06	cps
Lead	206-1	1052181	1047336	1052798	1050772	0.28	cps
Lead	207-1	957376	957123	963098	959199	0.35	cps
Lead	208-1	4348060	4324761	4364820	4345880	0.46	cps
Lithium	6-1	1258908	1253261	1243828	1251999	0.61	cps
Magnesium	24-2	495776	493188	489544	492836	0.64	cps
Manganese	55-2	79491	79816	78717	79341	0.71	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2868215	2893485	2870648	2877449	0.48	cps
Molybdenum	95-1	3522665	3559512	3531833	3538003	0.54	cps
Molybdenum	96-1	3884562	3899231	3910493	3898095	0.33	cps
Molybdenum	97-1	2203428	2218470	2198522	2206807	0.47	cps
Molybdenum	98-1	5639440	5622747	5609627	5623938	0.27	cps
Neodymium	150-1	67	73	47	62	22.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	88499	89213	89441	89051	0.55	cps
Phosphorus	31-2	1442	1358	1192	1331	9.57	cps
Potassium	39-2	138416	136379	135765	136853	1.01	cps
Rhodium	103-1	5752168	5739991	5769870	5754010	0.26	cps
Rhodium	103-2	1485380	1491775	1484661	1487272	0.26	cps
Scandium	45-1	3545236	3552215	3540838	3546096	0.16	cps
Scandium	45-2	26101	26482	26435	26339	0.79	cps
Selenium	77-2	110	110	133	118	11.44	cps
Selenium	78-2	407	335	435	393	13.15	cps
Selenium	82-1	22046	21435	21827	21769	1.42	cps
Silicon	28-1	1010672	1022235	1008588	1013831	0.73	cps
Silver	109-1	1696586	1691676	1690779	1693014	0.18	cps
Silver	107-1	1766931	1747001	1747817	1753916	0.64	cps
Sodium	23-2	1191199	1185796	1158244	1178413	1.50	cps
Strontium	86-1	450999	449614	453789	451467	0.47	cps
Strontium	88-1	3941115	3927385	3964094	3944198	0.47	cps
Sulfur	34-1	429372	427083	420578	425678	1.07	cps
Terbium	159-1	8173033	8114217	8263822	8183691	0.92	cps
Terbium	159-2	1554609	1573145	1555951	1561235	0.66	cps
Thallium	203-1	1291782	1305036	1309521	1302113	0.71	cps
Thallium	205-1	3141899	3110145	3139028	3130358	0.56	cps
Tin	118-1	1160787	1165991	1157200	1161326	0.38	cps
Titanium	47-1	899577	889456	894994	894676	0.57	cps
Uranium	238-1	4172802	4194649	4220419	4195957	0.57	cps
Vanadium	51-2	104600	103666	103546	103937	0.55	cps
Yttrium	89-1	6573922	6606133	6634044	6604700	0.46	cps
Yttrium	89-2	193610	195115	191198	193308	1.02	cps
Zinc	66-2	46464	46060	46464	46329	0.50	cps
Zirconium	90-1	2422288	2398523	2406017	2408943	0.50	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525951	527119	526994	526688	0.12	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40091	39256	39682	39676	1.05	cps
Antimony	121-1	3424609	3403502	3392806	3406972	0.47	cps
Arsenic	75-2	33856	33080	33077	33338	1.35	cps
Barium	135-1	3665744	3627787	3615128	3636220	0.72	cps
Barium	137-1	6260960	6202351	6221571	6228294	0.48	cps
Beryllium	9-1	436725	434764	436959	436150	0.28	cps
Bismuth	209-1	5165383	5083981	5106456	5118607	0.82	cps
Bismuth	209-2	1300218	1294551	1206059	1266943	4.17	cps
Boron	10-1	48734	48290	50799	49274	2.72	cps
Boron	11-1	225030	228229	229956	227738	1.10	cps
Cadmium	111-1	705192	706253	705903	705783	0.08	cps
Cadmium	106-1	74649	75311	74975	74978	0.44	cps
Cadmium	108-1	49900	50528	49867	50098	0.74	cps
Calcium	43-1	696954	701209	703197	700454	0.46	cps
Calcium	44-1	11359609	11334358	11239242	11311069	0.56	cps
Chromium	52-2	269766	268651	262592	267003	1.45	cps
Cobalt	59-2	591094	588700	575471	585088	1.44	cps
Copper	63-2	1026063	1030950	994867	1017294	1.92	cps
Dysprosium	156-1	67	0	25	31	110.22	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	7854005	7886306	7834409	7858240	0.33	cps
Holmium	165-2	1669072	1671615	1523492	1621393	5.23	cps
Indium	115-1	6349389	6284388	6336674	6323484	0.54	cps
Indium	115-2	254846	256441	237372	249553	4.24	cps
Iron	56-2	9181937	9033531	8856487	9023985	1.81	cps
Iron	57-2	230901	229220	224250	228124	1.52	cps
Lead	206-1	2165445	2167735	2193498	2175559	0.72	cps
Lead	207-1	1976608	1975383	2007615	1986535	0.92	cps
Lead	208-1	8801333	8826592	8876837	8834921	0.44	cps
Lithium	6-1	1247709	1233302	1244508	1241839	0.61	cps
Magnesium	24-2	969930	963243	938675	957283	1.72	cps
Manganese	55-2	155854	153836	150174	153288	1.88	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5698316	5631288	5638054	5655886	0.65	cps
Molybdenum	95-1	7061113	6975976	6940259	6992450	0.89	cps
Molybdenum	96-1	7828153	7710733	7815301	7784729	0.83	cps
Molybdenum	97-1	4393097	4358224	4379789	4377037	0.40	cps
Molybdenum	98-1	11290513	11215700	11186596	11230937	0.48	cps
Neodymium	150-1	173	173	173	173	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	172165	173597	166455	170739	2.21	cps
Phosphorus	31-2	2459	2917	2734	2703	8.54	cps
Potassium	39-2	268346	265433	261753	265177	1.25	cps
Rhodium	103-1	5803532	5696256	5712979	5737589	1.01	cps
Rhodium	103-2	1461252	1461082	1354950	1425761	4.30	cps
Scandium	45-1	3508822	3549693	3538657	3532390	0.60	cps
Scandium	45-2	26018	26368	24418	25601	4.06	cps
Selenium	77-2	237	257	237	243	4.75	cps
Selenium	78-2	782	756	780	772	1.87	cps
Selenium	82-1	43047	43364	43437	43282	0.48	cps
Silicon	28-1	1652925	1644086	1637059	1644690	0.48	cps
Silver	109-1	3334216	3355093	3352920	3347410	0.34	cps
Silver	107-1	3442488	3452535	3470486	3455170	0.41	cps
Sodium	23-2	2291155	2285893	2222017	2266355	1.70	cps
Strontium	86-1	897734	888386	897065	894395	0.58	cps
Strontium	88-1	7739188	7715415	7744991	7733198	0.20	cps
Sulfur	34-1	518310	518874	519493	518893	0.11	cps
Terbium	159-1	8222097	8202366	8162753	8195738	0.37	cps
Terbium	159-2	1558744	1585479	1432829	1525684	5.34	cps
Thallium	203-1	2644536	2699306	2654674	2666172	1.09	cps
Thallium	205-1	6258656	6196052	6222201	6225636	0.51	cps
Tin	118-1	2380084	2349499	2386294	2371959	0.83	cps
Titanium	47-1	1833877	1817433	1841041	1830784	0.66	cps
Uranium	238-1	8390680	8355401	8292436	8346172	0.60	cps
Vanadium	51-2	204875	205588	198391	202951	1.95	cps
Yttrium	89-1	6617317	6590329	6532054	6579900	0.66	cps
Yttrium	89-2	189863	192479	176092	186144	4.73	cps
Zinc	66-2	91214	89718	87544	89492	2.06	cps
Zirconium	90-1	4812150	4777941	4769406	4786499	0.47	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050402	1045909	1051334	1049215	0.28	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76791	78257	79757	78268	1.89	cps
Antimony	121-1	6678564	6722661	6730352	6710526	0.42	cps
Arsenic	75-2	66297	66446	66435	66392	0.12	cps
Barium	135-1	7079830	7162917	7153844	7132197	0.64	cps
Barium	137-1	12313441	12408519	12449395	12390451	0.56	cps
Beryllium	9-1	846397	847750	844186	846111	0.21	cps
Bismuth	209-1	5049611	5146314	5044739	5080221	1.13	cps
Bismuth	209-2	1165597	1265341	1279749	1236896	5.03	cps
Boron	10-1	94527	99148	98427	97368	2.55	cps
Boron	11-1	451276	452497	460419	454731	1.09	cps
Cadmium	111-1	1393169	1396602	1393179	1394317	0.14	cps
Cadmium	106-1	143811	146630	147288	145910	1.27	cps
Cadmium	108-1	97889	99815	101360	99688	1.74	cps
Calcium	43-1	1393784	1415771	1405508	1405021	0.78	cps
Calcium	44-1	22515017	22527830	22584321	22542389	0.16	cps
Chromium	52-2	525964	529716	526520	527400	0.38	cps
Cobalt	59-2	1145659	1152517	1152683	1150286	0.35	cps
Copper	63-2	2012074	2009909	1989833	2003938	0.61	cps
Dysprosium	156-1	167	167	83	139	34.64	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	33	133	42	69	79.90	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	117	183	125	142	25.64	cps
Gadolinium	160-2	17	7	27	17	59.99	cps
Holmium	165-1	7868949	8059953	7979461	7969454	1.20	cps
Holmium	165-2	1477540	1579547	1617424	1558170	4.64	cps
Indium	115-1	6193797	6329257	6213462	6245505	1.17	cps
Indium	115-2	224458	242181	246821	237820	4.96	cps
Iron	56-2	17711182	18007460	17798687	17839109	0.85	cps
Iron	57-2	450148	449920	451039	450369	0.13	cps
Lead	206-1	4329936	4315088	4356724	4333916	0.49	cps
Lead	207-1	3963139	3995859	3981463	3980153	0.41	cps
Lead	208-1	17501414	17630388	17610073	17580625	0.39	cps
Lithium	6-1	1200705	1243666	1195801	1213390	2.17	cps
Magnesium	24-2	1905102	1914990	1905353	1908482	0.30	cps
Manganese	55-2	301243	305272	305469	303994	0.78	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11325484	11285645	11318001	11309710	0.19	cps
Molybdenum	95-1	13950137	13925943	14001460	13959180	0.28	cps
Molybdenum	96-1	15482400	15467250	15521448	15490366	0.18	cps
Molybdenum	97-1	8650551	8630299	8634784	8638545	0.12	cps
Molybdenum	98-1	22391539	22389422	22387277	22389412	0.01	cps
Neodymium	150-1	447	287	347	360	22.45	cps
Neodymium	150-2	33	23	13	23	42.86	cps
Nickel	60-2	334183	336626	334037	334949	0.43	cps
Phosphorus	31-2	5043	5643	5201	5296	5.87	cps
Potassium	39-2	515478	516608	522141	518076	0.69	cps
Rhodium	103-1	5558783	5703422	5648408	5636871	1.30	cps
Rhodium	103-2	1311613	1402609	1439294	1384506	4.75	cps
Scandium	45-1	3493167	3544682	3537421	3525090	0.79	cps
Scandium	45-2	23300	25203	26094	24866	5.74	cps
Selenium	77-2	487	503	413	468	10.24	cps
Selenium	78-2	1522	1469	1559	1517	3.01	cps
Selenium	82-1	85593	86018	85977	85863	0.27	cps
Silicon	28-1	2717025	2722030	2698584	2712546	0.46	cps
Silver	109-1	6544874	6543760	6583177	6557270	0.34	cps
Silver	107-1	6762493	6846162	6874420	6827692	0.85	cps
Sodium	23-2	4450158	4414768	4387024	4417317	0.72	cps
Strontium	86-1	1811500	1813182	1805816	1810166	0.21	cps
Strontium	88-1	15540559	15461498	15479738	15493931	0.27	cps
Sulfur	34-1	703664	707431	708574	706556	0.36	cps
Terbium	159-1	8241483	8386508	8256527	8294839	0.96	cps
Terbium	159-2	1411605	1534469	1554152	1500075	5.15	cps
Thallium	203-1	5225392	5313579	5354243	5297738	1.24	cps
Thallium	205-1	12347230	12382152	12450385	12393256	0.42	cps
Tin	118-1	4644303	4669621	4630654	4648193	0.43	cps
Titanium	47-1	3575856	3564231	3546568	3562219	0.41	cps
Uranium	238-1	16849431	16858214	16869539	16859061	0.06	cps
Vanadium	51-2	400103	403885	403358	402449	0.51	cps
Yttrium	89-1	6559072	6650607	6574438	6594705	0.74	cps
Yttrium	89-2	170786	186974	187457	181739	5.22	cps
Zinc	66-2	177770	180557	181361	179896	1.05	cps
Zirconium	90-1	9531163	9548784	9506261	9528736	0.22	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2149437	2149443	2133111	2143997	0.44	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404004	406799	410643	407149	0.82	cps
Antimony	121-1	9262	8870	9045	9059	2.17	cps
Arsenic	75-2	26	26	37	30	21.65	cps
Barium	135-1	1867	2092	1875	1945	6.56	cps
Barium	137-1	3217	3317	3434	3323	3.27	cps
Beryllium	9-1	644	644	617	635	2.52	cps
Bismuth	209-1	4697098	4654252	4730271	4693874	0.81	cps
Bismuth	209-2	1165806	1162608	1198087	1175500	1.67	cps
Boron	10-1	4501	4409	3976	4295	6.53	cps
Boron	11-1	22151	19080	18955	20062	9.02	cps
Cadmium	111-1	1090	1061	934	1028	8.06	cps
Cadmium	106-1	1175	1292	1058	1175	9.93	cps
Cadmium	108-1	17	50	33	33	50.00	cps
Calcium	43-1	6984298	7028434	7095129	7035954	0.79	cps
Calcium	44-1	113309003	114700098	115833740	114614280	1.10	cps
Chromium	52-2	10948	10618	10888	10818	1.63	cps
Cobalt	59-2	1510	1410	1503	1475	3.79	cps
Copper	63-2	2627	2884	2770	2760	4.66	cps
Dysprosium	156-1	33	67	75	58	37.80	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	92	42	67	67	37.50	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	7758828	7611027	7686987	7685614	0.96	cps
Holmium	165-2	1538287	1540444	1588400	1555710	1.82	cps
Indium	115-1	5933419	5846234	5951550	5910401	0.95	cps
Indium	115-2	235456	238635	246356	240149	2.33	cps
Iron	56-2	89380955	89040819	90256691	89559488	0.70	cps
Iron	57-2	2279170	2306605	2338067	2307947	1.28	cps
Lead	206-1	8587	8587	8509	8561	0.53	cps
Lead	207-1	7858	7136	7302	7432	5.09	cps
Lead	208-1	34041	33858	33735	33878	0.45	cps
Lithium	6-1	1158832	1168067	1194487	1173795	1.58	cps
Magnesium	24-2	9503286	9621414	9616458	9580386	0.70	cps
Manganese	55-2	1043	883	943	957	8.45	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6485	6652	6494	6544	1.44	cps
Molybdenum	95-1	10379	10521	9954	10285	2.87	cps
Molybdenum	96-1	12648	12531	12331	12504	1.28	cps
Molybdenum	97-1	6135	6427	6185	6249	2.50	cps
Molybdenum	98-1	15226	15935	15818	15660	2.43	cps
Neodymium	150-1	93	73	67	78	17.84	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	4494	4491	4631	4539	1.76	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2656476	2722821	2727870	2702389	1.47	cps
Rhodium	103-1	5251215	5177529	5230760	5219835	0.73	cps
Rhodium	103-2	1318167	1322496	1349462	1330042	1.27	cps
Scandium	45-1	3414954	3385528	3464210	3421564	1.16	cps
Scandium	45-2	24739	24946	25453	25046	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	50	-1	40	30	90.91	cps
Silicon	28-1	411014	413630	414515	413053	0.44	cps
Silver	109-1	525	650	475	550	16.39	cps
Silver	107-1	517	692	558	589	15.52	cps
Sodium	23-2	22528786	22585967	22586264	22567006	0.15	cps
Strontium	86-1	61188	59548	60602	60446	1.38	cps
Strontium	88-1	513385	517768	520248	517134	0.67	cps
Sulfur	34-1	294244	300951	302950	299382	1.52	cps
Terbium	159-1	7983890	7845449	7948900	7926079	0.91	cps
Terbium	159-2	1484768	1478280	1521482	1494843	1.56	cps
Thallium	203-1	3267	3050	3476	3264	6.51	cps
Thallium	205-1	8120	7736	7044	7633	7.14	cps
Tin	118-1	5751	5118	5043	5304	7.34	cps
Titanium	47-1	675	667	867	736	15.37	cps
Uranium	238-1	1400	1092	1250	1247	12.36	cps
Vanadium	51-2	120	117	100	112	9.55	cps
Yttrium	89-1	6251692	6206110	6270112	6242638	0.53	cps
Yttrium	89-2	178441	180337	186690	181823	2.38	cps
Zinc	66-2	630	687	623	647	5.38	cps
Zirconium	90-1	2425	2500	2367	2431	2.75	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	542	642	622	11.70	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2392	2367	2406	1.97	cps
Antimony	121-1	1313907	1320920	1329697	1321508	0.60	cps
Arsenic	75-2	14988	14884	14778	14883	0.70	cps
Barium	135-1	142856	143733	145811	144133	1.05	cps
Barium	137-1	250651	246219	250584	249151	1.02	cps
Beryllium	9-1	94537	93038	93149	93575	0.89	cps
Bismuth	209-1	5063238	5099573	5077586	5080132	0.36	cps
Bismuth	209-2	1304556	1352160	1357515	1338077	2.18	cps
Boron	10-1	56127	58311	57558	57332	1.94	cps
Boron	11-1	261235	264004	270165	265135	1.72	cps
Cadmium	111-1	144848	145962	146353	145721	0.54	cps
Cadmium	106-1	24172	23354	23588	23705	1.78	cps
Cadmium	108-1	13269	13211	13332	13271	0.46	cps
Calcium	43-1	32422	33174	32112	32569	1.68	cps
Calcium	44-1	517406	512938	515151	515165	0.43	cps
Chromium	52-2	59232	58087	57983	58434	1.19	cps
Cobalt	59-2	130383	129723	130252	130119	0.27	cps
Copper	63-2	112174	112541	112759	112492	0.26	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7796303	7771828	7870514	7812882	0.66	cps
Holmium	165-2	1629297	1706683	1703600	1679860	2.61	cps
Indium	115-1	6448163	6513331	6510931	6490808	0.57	cps
Indium	115-2	263689	277518	271124	270777	2.56	cps
Iron	56-2	407092	405251	404924	405756	0.29	cps
Iron	57-2	10476	10054	10471	10334	2.35	cps
Lead	206-1	832628	830455	836164	833082	0.35	cps
Lead	207-1	729327	730198	729883	729802	0.06	cps
Lead	208-1	3416875	3390889	3382657	3396807	0.53	cps
Lithium	6-1	1305349	1328683	1310027	1314686	0.94	cps
Magnesium	24-2	26851	25674	25591	26039	2.71	cps
Manganese	55-2	17181	17084	16887	17051	0.88	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2463042	2471601	2470273	2468305	0.19	cps
Molybdenum	95-1	1329535	1334204	1339148	1334296	0.36	cps
Molybdenum	96-1	1732683	1746691	1754712	1744695	0.64	cps
Molybdenum	97-1	828187	827603	828614	828135	0.06	cps
Molybdenum	98-1	2200237	2200197	2187786	2196073	0.33	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	38477	39326	38152	38652	1.57	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	25983	25900	26827	26237	1.95	cps
Rhodium	103-1	5996164	6093274	6025094	6038177	0.83	cps
Rhodium	103-2	1548912	1604827	1600050	1584596	1.96	cps
Scandium	45-1	3808723	3824454	3816972	3816716	0.21	cps
Scandium	45-2	28172	28913	29244	28776	1.91	cps
Selenium	77-2	97	83	83	88	8.77	cps
Selenium	78-2	350	406	302	352	14.72	cps
Selenium	82-1	18082	18121	18074	18092	0.14	cps
Silicon	28-1	1623242	1641136	1630888	1631755	0.55	cps
Silver	109-1	666900	668397	672943	669413	0.47	cps
Silver	107-1	696317	698438	712078	702278	1.22	cps
Sodium	23-2	105833	104985	103952	104924	0.90	cps
Strontium	86-1	863193	855418	863236	860615	0.52	cps
Strontium	88-1	7441919	7433573	7453672	7443055	0.14	cps
Sulfur	34-1	335227	329154	330816	331732	0.95	cps
Terbium	159-1	8186945	8223282	8148367	8186198	0.46	cps
Terbium	159-2	1605386	1643071	1633351	1627270	1.20	cps
Thallium	203-1	1039928	1042311	1054183	1045474	0.73	cps
Thallium	205-1	2529412	2534664	2573943	2546007	0.96	cps
Tin	118-1	2252022	2277393	2267473	2265629	0.56	cps
Titanium	47-1	360560	360118	363333	361337	0.48	cps
Uranium	238-1	7941704	7945773	7876364	7921280	0.49	cps
Vanadium	51-2	43815	44938	44711	44488	1.34	cps
Yttrium	89-1	6893925	6907355	6810744	6870675	0.76	cps
Yttrium	89-2	199249	207741	207054	204681	2.30	cps
Zinc	66-2	20242	19751	19731	19908	1.45	cps
Zirconium	90-1	4601253	4581318	4611293	4597954	0.33	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV_P8020818-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000888	1002600	1015186	1006225	0.78	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	183	233	275	231	19.91	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	42	17	17	25	57.73	cps
Barium	137-1	25	83	67	58	51.51	cps
Beryllium	9-1	194	156	217	189	16.38	cps
Bismuth	209-1	5000765	4899737	4952187	4950896	1.02	cps
Bismuth	209-2	1326074	1296597	1346075	1322916	1.88	cps
Boron	10-1	650	783	858	764	13.81	cps
Boron	11-1	3167	3551	3409	3376	5.74	cps
Cadmium	111-1	930	882	718	843	13.19	cps
Cadmium	106-1	1333	1258	1025	1206	13.34	cps
Cadmium	108-1	17	4	29	17	74.99	cps
Calcium	43-1	733	700	708	714	2.43	cps
Calcium	44-1	11172	11472	11138	11261	1.63	cps
Chromium	52-2	250	250	240	247	2.34	cps
Cobalt	59-2	43	37	73	51	38.21	cps
Copper	63-2	100	177	127	134	28.95	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	50	17	67	44	57.28	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	7655284	7558162	7678575	7630673	0.84	cps
Holmium	165-2	1683835	1631201	1683099	1666045	1.81	cps
Indium	115-1	6453260	6412160	6429718	6431712	0.32	cps
Indium	115-2	273438	263871	278455	271922	2.72	cps
Iron	56-2	1195	1033	1233	1154	9.19	cps
Iron	57-2	17	28	33	26	32.72	cps
Lead	206-1	333	339	428	367	14.45	cps
Lead	207-1	256	361	317	311	17.03	cps
Lead	208-1	1350	1433	1595	1459	8.52	cps
Lithium	6-1	1311740	1285996	1311299	1303011	1.13	cps
Magnesium	24-2	292	175	167	211	33.10	cps
Manganese	55-2	10	23	17	17	39.99	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	150	167	161	5.97	cps
Molybdenum	95-1	83	50	33	56	45.83	cps
Molybdenum	96-1	92	142	67	100	38.19	cps
Molybdenum	97-1	33	58	42	44	28.65	cps
Molybdenum	98-1	100	100	92	97	4.95	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	253	287	259	9.83	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2150	1992	2259	2134	6.29	cps
Rhodium	103-1	5956223	5927293	6003299	5962272	0.64	cps
Rhodium	103-2	1594154	1536674	1584399	1571742	1.96	cps
Scandium	45-1	3797065	3739270	3769795	3768710	0.77	cps
Scandium	45-2	29297	27490	29645	28811	4.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-24	21	-21	-8	-314.69	cps
Silicon	28-1	368123	367595	365260	366992	0.42	cps
Silver	109-1	67	50	33	50	33.34	cps
Silver	107-1	83	58	117	86	33.98	cps
Sodium	23-2	5543	5826	5376	5582	4.08	cps
Strontium	86-1	317	417	500	411	22.33	cps
Strontium	88-1	125	150	75	117	32.74	cps
Sulfur	34-1	343430	343647	342820	343299	0.12	cps
Terbium	159-1	7968038	7863617	8011854	7947837	0.96	cps
Terbium	159-2	1623294	1547769	1633307	1601456	2.92	cps
Thallium	203-1	217	150	158	175	20.76	cps
Thallium	205-1	600	600	350	517	27.94	cps
Tin	118-1	625	725	758	703	9.87	cps
Titanium	47-1	100	125	167	131	25.80	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	6758461	6669707	6742988	6723718	0.71	cps
Yttrium	89-2	205402	199088	208382	204291	2.32	cps
Zinc	66-2	13	17	13	14	13.35	cps
Zirconium	90-1	458	400	408	422	7.47	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	125	83	45.83	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401159	398628	398001	399263	0.42	cps
Antimony	121-1	7978	7527	7386	7630	4.05	cps
Arsenic	75-2	20	15	22	19	20.16	cps
Barium	135-1	2150	2175	1892	2072	7.57	cps
Barium	137-1	3967	3776	3526	3756	5.90	cps
Beryllium	9-1	467	444	383	432	10.00	cps
Bismuth	209-1	4858507	4794360	4800871	4817912	0.73	cps
Bismuth	209-2	1267403	1268972	1278109	1271495	0.45	cps
Boron	10-1	958	833	633	808	20.28	cps
Boron	11-1	3801	3342	3692	3612	6.63	cps
Cadmium	111-1	1295	1250	1270	1272	1.76	cps
Cadmium	106-1	1342	1233	1058	1211	11.81	cps
Cadmium	108-1	838	775	750	788	5.72	cps
Calcium	43-1	1457335	1467233	1468523	1464364	0.42	cps
Calcium	44-1	23597208	23603070	23536230	23578836	0.16	cps
Chromium	52-2	11615	12095	11745	11819	2.10	cps
Cobalt	59-2	1613	1533	1423	1523	6.26	cps
Copper	63-2	8463	8229	8423	8372	1.49	cps
Dysprosium	156-1	33	83	17	44	78.07	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	117	67	50	78	44.61	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	7801792	7787804	7790054	7793217	0.10	cps
Holmium	165-2	1655877	1672849	1661918	1663548	0.52	cps
Indium	115-1	6378780	6359847	6326159	6354929	0.42	cps
Indium	115-2	263295	266779	263741	264605	0.72	cps
Iron	56-2	38602040	38020383	38040205	38220876	0.86	cps
Iron	57-2	970939	960638	966482	966020	0.53	cps
Lead	206-1	21491	20172	20729	20797	3.18	cps
Lead	207-1	16650	16912	16528	16697	1.17	cps
Lead	208-1	79465	78084	77471	78340	1.30	cps
Lithium	6-1	1247400	1253800	1241716	1247639	0.48	cps
Magnesium	24-2	2070270	2036996	2077357	2061541	1.05	cps
Manganese	55-2	1217	1310	1323	1283	4.53	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3154569	3121069	3193816	3156485	1.15	cps
Molybdenum	95-1	5467626	5533299	5557827	5519584	0.84	cps
Molybdenum	96-1	5893236	5862386	5832037	5862553	0.52	cps
Molybdenum	97-1	3451975	3451260	3429607	3444281	0.37	cps
Molybdenum	98-1	8767610	8785976	8774273	8775953	0.11	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	2024	2027	2040	2030	0.43	cps
Phosphorus	31-2	29331	29031	28772	29045	0.96	cps
Potassium	39-2	1149303	1141041	1143574	1144639	0.37	cps
Rhodium	103-1	5783479	5750590	5753199	5762423	0.32	cps
Rhodium	103-2	1480807	1492453	1493119	1488793	0.47	cps
Scandium	45-1	3725234	3686324	3758487	3723348	0.97	cps
Scandium	45-2	27848	28382	27784	28005	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-7	21	-1	4	326.75	cps
Silicon	28-1	471634	464902	465780	467439	0.78	cps
Silver	109-1	525	558	583	556	5.27	cps
Silver	107-1	550	608	750	636	16.17	cps
Sodium	23-2	4825781	4766292	4760614	4784229	0.75	cps
Strontium	86-1	62477	62820	63172	62823	0.55	cps
Strontium	88-1	535478	532592	532801	533623	0.30	cps
Sulfur	34-1	2147544	2121114	2132988	2133882	0.62	cps
Terbium	159-1	8015712	8121017	8142989	8093239	0.84	cps
Terbium	159-2	1569243	1610601	1596160	1592002	1.32	cps
Thallium	203-1	708	667	925	767	18.09	cps
Thallium	205-1	1617	1642	1892	1717	8.86	cps
Tin	118-1	1642	1325	1533	1500	10.73	cps
Titanium	47-1	1524208	1519422	1537905	1527178	0.63	cps
Uranium	238-1	333	300	317	317	5.26	cps
Vanadium	51-2	70	93	90	84	14.95	cps
Yttrium	89-1	6713938	6790418	6713977	6739444	0.66	cps
Yttrium	89-2	200834	202450	202010	201765	0.41	cps
Zinc	66-2	1063	1117	1077	1086	2.56	cps
Zirconium	90-1	608	867	808	761	17.80	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	200	167	20.00	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392038	385070	386129	387746	0.97	cps
Antimony	121-1	133394	136148	135860	135134	1.12	cps
Arsenic	75-2	1389	1291	1398	1359	4.38	cps
Barium	135-1	29776	30160	29200	29712	1.63	cps
Barium	137-1	51485	52329	53057	52290	1.51	cps
Beryllium	9-1	18184	17695	18535	18138	2.33	cps
Bismuth	209-1	4853693	4830323	4799685	4827900	0.56	cps
Bismuth	209-2	1274676	1261335	1262921	1266311	0.58	cps
Boron	10-1	6377	6518	6135	6343	3.06	cps
Boron	11-1	28354	28713	28730	28599	0.74	cps
Cadmium	111-1	28123	27472	28280	27958	1.53	cps
Cadmium	106-1	4501	4368	4326	4398	2.08	cps
Cadmium	108-1	2900	3059	2888	2949	3.23	cps
Calcium	43-1	1475975	1435105	1451635	1454238	1.41	cps
Calcium	44-1	23463434	23298954	23361427	23374605	0.36	cps
Chromium	52-2	22325	22532	22178	22345	0.80	cps
Cobalt	59-2	24969	24762	25313	25015	1.11	cps
Copper	63-2	28750	28626	28596	28657	0.28	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	7795075	7766676	7675619	7745790	0.81	cps
Holmium	165-2	1662243	1646919	1628232	1645798	1.03	cps
Indium	115-1	6368219	6310592	6189557	6289456	1.45	cps
Indium	115-2	265394	261188	261087	262556	0.94	cps
Iron	56-2	37853287	37426034	37414106	37564476	0.67	cps
Iron	57-2	957948	945860	942997	948935	0.84	cps
Lead	206-1	101614	100159	100075	100616	0.86	cps
Lead	207-1	84093	83646	84553	84098	0.54	cps
Lead	208-1	389501	388837	393317	390552	0.62	cps
Lithium	6-1	1234884	1229480	1202162	1222175	1.44	cps
Magnesium	24-2	2016779	2002030	2012563	2010457	0.38	cps
Manganese	55-2	4591	4321	4304	4405	3.65	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3413540	3368913	3408800	3397084	0.72	cps
Molybdenum	95-1	5674697	5669524	5661544	5668588	0.12	cps
Molybdenum	96-1	6065719	6006749	6085189	6052552	0.67	cps
Molybdenum	97-1	3514954	3543275	3572811	3543680	0.82	cps
Molybdenum	98-1	8968987	9028249	8980484	8992573	0.35	cps
Neodymium	150-1	27	33	40	33	19.99	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	9270	8663	8626	8853	4.08	cps
Phosphorus	31-2	28129	26835	27862	27608	2.47	cps
Potassium	39-2	1129861	1095174	1106357	1110464	1.59	cps
Rhodium	103-1	5742126	5711422	5577887	5677145	1.54	cps
Rhodium	103-2	1513260	1474803	1468474	1485512	1.63	cps
Scandium	45-1	3696575	3693030	3583252	3657619	1.76	cps
Scandium	45-2	27771	27534	27207	27504	1.03	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	30	28	26	28	6.66	cps
Selenium	82-1	1643	1690	1701	1678	1.83	cps
Silicon	28-1	615455	616986	619060	617167	0.29	cps
Silver	109-1	120520	123757	120712	121663	1.49	cps
Silver	107-1	125379	126952	127684	126672	0.93	cps
Sodium	23-2	4670642	4571533	4577998	4606724	1.20	cps
Strontium	86-1	151456	150774	151482	151237	0.27	cps
Strontium	88-1	1315837	1321910	1337172	1324973	0.83	cps
Sulfur	34-1	2129095	2098317	2098551	2108654	0.84	cps
Terbium	159-1	8164078	8137784	8077438	8126433	0.55	cps
Terbium	159-2	1603784	1564222	1577819	1581942	1.27	cps
Thallium	203-1	99798	97298	99622	98906	1.41	cps
Thallium	205-1	235678	235984	235184	235615	0.17	cps
Tin	118-1	234622	236517	232658	234599	0.82	cps
Titanium	47-1	1576153	1544458	1530292	1550301	1.51	cps
Uranium	238-1	796737	802337	808218	802431	0.72	cps
Vanadium	51-2	8419	8016	8109	8181	2.58	cps
Yttrium	89-1	6717303	6667947	6587907	6657719	0.98	cps
Yttrium	89-2	201147	198372	197570	199030	0.94	cps
Zinc	66-2	2854	2830	2964	2883	2.47	cps
Zirconium	90-1	491434	484598	488132	488055	0.70	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	107885	110000	109472	109119	1.01	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211774	210801	210379	210985	0.34	cps
Antimony	121-1	3397228	3383368	3399048	3393215	0.25	cps
Arsenic	75-2	34827	34842	34777	34815	0.10	cps
Barium	135-1	3664757	3613334	3607827	3628640	0.87	cps
Barium	137-1	6209605	6179863	6246864	6212111	0.54	cps
Beryllium	9-1	444506	445710	447113	445777	0.29	cps
Bismuth	209-1	4753920	4844752	4792267	4796980	0.95	cps
Bismuth	209-2	1251700	1252242	1247541	1250494	0.21	cps
Boron	10-1	49812	52739	51117	51223	2.86	cps
Boron	11-1	229287	233147	238163	233532	1.91	cps
Cadmium	111-1	684450	688213	684252	685638	0.33	cps
Cadmium	106-1	74431	74305	72588	73775	1.40	cps
Cadmium	108-1	49788	49646	49294	49576	0.51	cps
Calcium	43-1	3556820	3577037	3586599	3573486	0.43	cps
Calcium	44-1	57683758	57870651	57757241	57770550	0.16	cps
Chromium	52-2	284185	284101	283408	283898	0.15	cps
Cobalt	59-2	599558	601308	597403	599423	0.33	cps
Copper	63-2	1019920	1015319	1015413	1016884	0.26	cps
Dysprosium	156-1	17	58	83	53	63.81	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	100	75	75	33.33	cps
Gadolinium	160-2	17	23	3	14	70.51	cps
Holmium	165-1	7651371	7784935	7717615	7717974	0.87	cps
Holmium	165-2	1640236	1647208	1618043	1635162	0.93	cps
Indium	115-1	6053449	6216749	6127665	6132621	1.33	cps
Indium	115-2	253680	255400	253007	254029	0.49	cps
Iron	56-2	46101048	45922833	45596462	45873448	0.56	cps
Iron	57-2	1160441	1162498	1157522	1160153	0.22	cps
Lead	206-1	2054618	2105966	2081714	2080766	1.23	cps
Lead	207-1	1913529	1919281	1898829	1910547	0.55	cps
Lead	208-1	8479911	8522621	8454860	8485797	0.40	cps
Lithium	6-1	1193806	1216915	1234549	1215090	1.68	cps
Magnesium	24-2	5052092	5036508	5010927	5033176	0.41	cps
Manganese	55-2	160712	161653	161642	161336	0.33	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5793745	5777935	5744911	5772197	0.43	cps
Molybdenum	95-1	7098136	7137711	7039451	7091766	0.70	cps
Molybdenum	96-1	7772757	7924690	7814397	7837281	1.00	cps
Molybdenum	97-1	4432740	4416532	4360859	4403377	0.86	cps
Molybdenum	98-1	11457118	11385504	11198633	11347085	1.18	cps
Neodymium	150-1	187	153	207	182	14.79	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	174504	174386	172375	173755	0.69	cps
Phosphorus	31-2	2867	2759	2809	2812	1.93	cps
Potassium	39-2	1417846	1432440	1405208	1418498	0.96	cps
Rhodium	103-1	5436599	5607786	5542740	5529042	1.56	cps
Rhodium	103-2	1438656	1440745	1434407	1437936	0.22	cps
Scandium	45-1	3526667	3718852	3632184	3625901	2.65	cps
Scandium	45-2	28025	27237	27771	27677	1.45	cps
Selenium	77-2	237	283	210	243	15.25	cps
Selenium	78-2	859	798	769	809	5.72	cps
Selenium	82-1	43163	43383	43353	43300	0.28	cps
Silicon	28-1	1671326	1672070	1686487	1676627	0.51	cps
Silver	109-1	3281270	3293609	3277885	3284255	0.25	cps
Silver	107-1	3403587	3374528	3384771	3387629	0.44	cps
Sodium	23-2	11651565	11704159	11714654	11690126	0.29	cps
Strontium	86-1	927447	940147	939396	935663	0.76	cps
Strontium	88-1	8106012	8026534	8123626	8085391	0.64	cps
Sulfur	34-1	520634	522769	522968	522124	0.25	cps
Terbium	159-1	7933770	8164412	8121933	8073372	1.52	cps
Terbium	159-2	1555115	1569811	1556923	1560616	0.51	cps
Thallium	203-1	2593860	2591211	2568081	2584384	0.55	cps
Thallium	205-1	6046170	6095208	5933716	6025032	1.37	cps
Tin	118-1	2374573	2390501	2344709	2369928	0.98	cps
Titanium	47-1	1872128	1868640	1884685	1875151	0.45	cps
Uranium	238-1	8212884	8247092	8178921	8212966	0.42	cps
Vanadium	51-2	214476	213856	215234	214522	0.32	cps
Yttrium	89-1	6489302	6642729	6619291	6583774	1.26	cps
Yttrium	89-2	195309	198121	194647	196026	0.94	cps
Zinc	66-2	89603	89322	90395	89773	0.62	cps
Zirconium	90-1	4888208	4923024	4874175	4895135	0.51	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P8
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1071936	1080175	1074272	1075461	0.39	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	125	167	200	164	22.93	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	8	17	42	22	78.07	cps
Barium	137-1	25	50	33	36	35.25	cps
Beryllium	9-1	117	117	156	130	17.32	cps
Bismuth	209-1	5018671	5063424	5039821	5040639	0.44	cps
Bismuth	209-2	1328733	1333695	1337529	1333319	0.33	cps
Boron	10-1	383	342	458	394	14.99	cps
Boron	11-1	1809	1817	1634	1753	5.91	cps
Cadmium	111-1	653	751	840	748	12.51	cps
Cadmium	106-1	925	1075	1158	1053	11.23	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	600	758	475	611	23.24	cps
Calcium	44-1	11230	10955	11138	11108	1.26	cps
Chromium	52-2	263	247	227	246	7.48	cps
Cobalt	59-2	57	47	60	54	12.74	cps
Copper	63-2	167	147	130	148	12.42	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	7803444	7688106	7720560	7737370	0.77	cps
Holmium	165-2	1655708	1671881	1690163	1672584	1.03	cps
Indium	115-1	6528630	6459606	6489185	6492474	0.53	cps
Indium	115-2	270347	271316	274198	271953	0.74	cps
Iron	56-2	1250	1206	1028	1161	10.13	cps
Iron	57-2	33	11	17	20	56.76	cps
Lead	206-1	300	356	344	333	8.82	cps
Lead	207-1	311	289	294	298	3.88	cps
Lead	208-1	1233	1445	1400	1359	8.19	cps
Lithium	6-1	1303994	1306418	1305678	1305364	0.10	cps
Magnesium	24-2	242	258	250	250	3.33	cps
Manganese	55-2	20	20	3	14	66.64	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	167	158	183	19.81	cps
Molybdenum	95-1	25	67	75	56	48.22	cps
Molybdenum	96-1	150	92	83	108	33.53	cps
Molybdenum	97-1	33	75	50	53	39.74	cps
Molybdenum	98-1	58	83	58	67	21.65	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	287	223	252	12.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1967	1959	2050	1992	2.55	cps
Rhodium	103-1	6012722	6042085	5993504	6016104	0.41	cps
Rhodium	103-2	1570376	1576438	1600740	1582518	1.02	cps
Scandium	45-1	3712971	3736926	3758862	3736253	0.61	cps
Scandium	45-2	28035	28583	28790	28469	1.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	10	-19	-5	-5	-296.26	cps
Silicon	28-1	356921	355361	352459	354913	0.64	cps
Silver	109-1	58	83	92	78	22.30	cps
Silver	107-1	100	92	75	89	14.32	cps
Sodium	23-2	5660	5418	5493	5524	2.24	cps
Strontium	86-1	442	558	425	475	15.29	cps
Strontium	88-1	75	100	133	103	28.48	cps
Sulfur	34-1	337264	335867	330012	334381	1.15	cps
Terbium	159-1	8150802	8184682	8187764	8174416	0.25	cps
Terbium	159-2	1610692	1633154	1640136	1627994	0.95	cps
Thallium	203-1	150	275	267	231	30.31	cps
Thallium	205-1	408	575	542	508	17.35	cps
Tin	118-1	567	542	583	564	3.72	cps
Titanium	47-1	192	183	142	172	15.56	cps
Uranium	238-1	33	50	58	47	26.97	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	6806873	6781617	6774459	6787649	0.25	cps
Yttrium	89-2	200783	204162	203560	202835	0.89	cps
Zinc	66-2	20	13	27	20	33.35	cps
Zirconium	90-1	400	417	317	378	14.18	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P8
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	83	67	61	41.67	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	75	56	37.75	cps
Antimony	121-1	12156	12673	12890	12573	3.00	cps
Arsenic	75-2	83	93	48	75	31.39	cps
Barium	135-1	13374	13516	12782	13224	2.95	cps
Barium	137-1	23947	22762	24181	23630	3.22	cps
Beryllium	9-1	1050	1067	817	978	14.30	cps
Bismuth	209-1	5051355	5062913	5002788	5039019	0.63	cps
Bismuth	209-2	1334831	1340550	1076366	1250583	12.07	cps
Boron	10-1	2592	2525	2909	2675	7.66	cps
Boron	11-1	12081	11872	12456	12136	2.44	cps
Cadmium	111-1	1991	2176	2033	2067	4.68	cps
Cadmium	106-1	1208	1233	1175	1206	2.43	cps
Cadmium	108-1	96	96	75	89	13.54	cps
Calcium	43-1	7519	7152	7244	7305	2.61	cps
Calcium	44-1	124037	120751	121715	122168	1.38	cps
Chromium	52-2	1413	1400	1257	1357	6.40	cps
Cobalt	59-2	1213	1317	1137	1222	7.39	cps
Copper	63-2	2100	2057	1937	2031	4.17	cps
Dysprosium	156-1	8	8	33	17	86.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	42	8	50	33	66.15	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	7841604	7732885	7619026	7731172	1.44	cps
Holmium	165-2	1675896	1693824	1350734	1573484	12.27	cps
Indium	115-1	6584629	6504128	6473811	6520856	0.88	cps
Indium	115-2	272952	274295	220519	255922	11.98	cps
Iron	56-2	20566	20877	17745	19729	8.75	cps
Iron	57-2	522	511	461	498	6.53	cps
Lead	206-1	4395	4512	4445	4451	1.32	cps
Lead	207-1	3995	4156	3745	3966	5.23	cps
Lead	208-1	18133	17878	17038	17683	3.24	cps
Lithium	6-1	1319292	1296490	1288357	1301380	1.23	cps
Magnesium	24-2	10046	10337	9095	9826	6.61	cps
Manganese	55-2	217	263	170	217	21.54	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10805	11147	11489	11147	3.07	cps
Molybdenum	95-1	13491	12606	13098	13065	3.39	cps
Molybdenum	96-1	15301	14592	13941	14611	4.66	cps
Molybdenum	97-1	8053	8194	8395	8214	2.09	cps
Molybdenum	98-1	21534	21601	21435	21523	0.39	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	603	677	617	632	6.18	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7719	7427	6227	7124	11.10	cps
Rhodium	103-1	6072912	6068437	5973719	6038356	0.93	cps
Rhodium	103-2	1612130	1595402	1284469	1497334	12.32	cps
Scandium	45-1	3758163	3750110	3665275	3724516	1.38	cps
Scandium	45-2	28389	28790	23597	26925	10.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	13	19	17	22.31	cps
Selenium	82-1	383	408	441	411	7.14	cps
Silicon	28-1	399110	396526	390785	395473	1.08	cps
Silver	109-1	6268	6827	6594	6563	4.28	cps
Silver	107-1	6427	6719	6844	6663	3.21	cps
Sodium	23-2	29365	29648	26192	28402	6.76	cps
Strontium	86-1	2159	2259	2317	2245	3.57	cps
Strontium	88-1	15309	14867	15584	15254	2.37	cps
Sulfur	34-1	332367	334304	330363	332345	0.59	cps
Terbium	159-1	8239058	8045454	8008352	8097621	1.53	cps
Terbium	159-2	1639374	1619212	1282282	1513623	13.25	cps
Thallium	203-1	4834	5193	5060	5029	3.60	cps
Thallium	205-1	11998	12523	12115	12212	2.26	cps
Tin	118-1	22545	23246	22486	22759	1.86	cps
Titanium	47-1	3759	3651	3859	3756	2.77	cps
Uranium	238-1	14743	15577	14676	14999	3.35	cps
Vanadium	51-2	2090	2134	1900	2041	6.08	cps
Yttrium	89-1	6877936	6782473	6738913	6799774	1.05	cps
Yttrium	89-2	204209	203576	164621	190802	11.88	cps
Zinc	66-2	277	247	230	251	9.42	cps
Zirconium	90-1	10196	10087	9962	10082	1.16	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2475	2017	1967	2153	13.02	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	75	72	29.04	cps
Antimony	121-1	1892	1842	2050	1928	5.64	cps
Arsenic	75-2	28	17	22	22	25.00	cps
Barium	135-1	1925	1650	1984	1853	9.61	cps
Barium	137-1	2900	3009	3092	3000	3.20	cps
Beryllium	9-1	300	261	389	317	20.69	cps
Bismuth	209-1	4944560	5012567	4928165	4961764	0.90	cps
Bismuth	209-2	1318202	1315031	1323799	1319011	0.34	cps
Boron	10-1	417	433	442	431	2.96	cps
Boron	11-1	2000	2175	1767	1981	10.34	cps
Cadmium	111-1	1133	1075	1123	1110	2.80	cps
Cadmium	106-1	1142	1108	1125	1125	1.48	cps
Cadmium	108-1	42	38	21	33	33.08	cps
Calcium	43-1	1100	908	1075	1028	10.14	cps
Calcium	44-1	17003	16961	17253	17072	0.93	cps
Chromium	52-2	357	417	480	418	14.76	cps
Cobalt	59-2	360	390	330	360	8.33	cps
Copper	63-2	767	680	687	711	6.78	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	42	42	60.00	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	17	33	25	33.34	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	7596159	7582768	7574008	7584312	0.15	cps
Holmium	165-2	1694834	1650482	1673105	1672807	1.33	cps
Indium	115-1	6370323	6457832	6438413	6422189	0.72	cps
Indium	115-2	269264	268284	272385	269978	0.79	cps
Iron	56-2	5946	6257	5735	5979	4.40	cps
Iron	57-2	133	144	144	141	4.56	cps
Lead	206-1	1211	1267	1306	1261	3.76	cps
Lead	207-1	1311	1083	1156	1183	9.84	cps
Lead	208-1	5217	5078	5012	5102	2.06	cps
Lithium	6-1	1301364	1291160	1292291	1294938	0.43	cps
Magnesium	24-2	792	675	825	764	10.31	cps
Manganese	55-2	97	110	77	94	17.76	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3117	2842	2709	2889	7.21	cps
Molybdenum	95-1	3576	3492	3301	3456	4.08	cps
Molybdenum	96-1	3884	3701	4067	3884	4.72	cps
Molybdenum	97-1	2017	2059	2167	2081	3.72	cps
Molybdenum	98-1	5451	5735	5660	5615	2.62	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	393	427	393	8.47	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2100	2092	2350	2181	6.73	cps
Rhodium	103-1	5917612	5889352	6003453	5936806	1.00	cps
Rhodium	103-2	1574529	1552813	1575044	1567462	0.81	cps
Scandium	45-1	3676677	3720385	3738886	3711983	0.86	cps
Scandium	45-2	28208	28426	28185	28273	0.47	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	251	272	305	276	9.82	cps
Silicon	28-1	351872	351576	350255	351234	0.25	cps
Silver	109-1	1617	1950	1592	1720	11.64	cps
Silver	107-1	1792	1959	1650	1800	8.57	cps
Sodium	23-2	6660	6952	6769	6794	2.17	cps
Strontium	86-1	950	858	808	872	8.24	cps
Strontium	88-1	3751	3792	3842	3795	1.21	cps
Sulfur	34-1	335740	335689	333202	334877	0.43	cps
Terbium	159-1	7979321	8001380	7950118	7976939	0.32	cps
Terbium	159-2	1624292	1593224	1567218	1594911	1.79	cps
Thallium	203-1	1208	1350	1292	1283	5.55	cps
Thallium	205-1	3334	3251	3067	3217	4.24	cps
Tin	118-1	1959	1900	1967	1942	1.87	cps
Titanium	47-1	1125	967	1058	1050	7.57	cps
Uranium	238-1	3909	3984	3767	3887	2.83	cps
Vanadium	51-2	93	113	107	104	9.75	cps
Yttrium	89-1	6612716	6734244	6593723	6646894	1.15	cps
Yttrium	89-2	201929	201804	200850	201528	0.29	cps
Zinc	66-2	117	100	97	104	10.26	cps
Zirconium	90-1	2325	2684	2634	2548	7.62	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	508	575	594	16.37	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	150	242	192	24.21	cps
Antimony	121-1	25534	25492	24048	25024	3.38	cps
Arsenic	75-2	170	135	130	145	15.23	cps
Barium	135-1	26277	26561	27930	26923	3.28	cps
Barium	137-1	46868	44861	46240	45989	2.23	cps
Beryllium	9-1	1806	1945	2067	1939	6.74	cps
Bismuth	209-1	4936932	4933328	4871878	4914046	0.74	cps
Bismuth	209-2	1313447	1319944	1315813	1316401	0.25	cps
Boron	10-1	4509	4484	5043	4679	6.74	cps
Boron	11-1	21984	22627	23495	22702	3.34	cps
Cadmium	111-1	3410	3596	3605	3537	3.11	cps
Cadmium	106-1	1433	1450	1450	1445	0.67	cps
Cadmium	108-1	217	200	217	211	4.56	cps
Calcium	43-1	14058	14024	14450	14177	1.67	cps
Calcium	44-1	233498	235976	233589	234354	0.60	cps
Chromium	52-2	2597	2507	2784	2629	5.37	cps
Cobalt	59-2	2480	2547	2634	2554	3.01	cps
Copper	63-2	4387	4157	4427	4324	3.37	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	50	83	69	24.98	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7547065	7608179	7596365	7583870	0.43	cps
Holmium	165-2	1649968	1666683	1654226	1656959	0.52	cps
Indium	115-1	6294037	6353073	6345174	6330761	0.51	cps
Indium	115-2	272605	266751	273159	270838	1.31	cps
Iron	56-2	39896	40008	39278	39727	0.99	cps
Iron	57-2	911	995	967	957	4.43	cps
Lead	206-1	8197	8453	8347	8333	1.54	cps
Lead	207-1	7764	7375	7358	7499	3.06	cps
Lead	208-1	33763	33468	33557	33596	0.45	cps
Lithium	6-1	1271506	1286940	1278090	1278845	0.61	cps
Magnesium	24-2	20382	20165	21409	20652	3.22	cps
Manganese	55-2	340	380	343	354	6.26	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22419	22119	21918	22152	1.14	cps
Molybdenum	95-1	26117	26703	26660	26493	1.23	cps
Molybdenum	96-1	30268	28665	28865	29266	2.99	cps
Molybdenum	97-1	16344	16627	16452	16475	0.87	cps
Molybdenum	98-1	41273	40796	40980	41016	0.59	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1013	1037	1007	1019	1.55	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	13224	13349	12573	13048	3.19	cps
Rhodium	103-1	5895930	5925541	5911478	5910983	0.25	cps
Rhodium	103-2	1574591	1538034	1589240	1567288	1.68	cps
Scandium	45-1	3713449	3648512	3688428	3683463	0.89	cps
Scandium	45-2	28145	28897	28689	28577	1.36	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	26	28	17	23	25.37	cps
Selenium	82-1	872	838	858	856	2.00	cps
Silicon	28-1	437670	436433	435490	436531	0.25	cps
Silver	109-1	12740	13307	13065	13037	2.18	cps
Silver	107-1	13049	13691	13749	13496	2.88	cps
Sodium	23-2	52029	52004	51887	51973	0.15	cps
Strontium	86-1	3984	4042	3959	3995	1.07	cps
Strontium	88-1	30034	30686	29934	30218	1.35	cps
Sulfur	34-1	334325	332485	328290	331700	0.93	cps
Terbium	159-1	7903791	7857033	7955333	7905386	0.62	cps
Terbium	159-2	1587030	1584348	1615355	1595578	1.08	cps
Thallium	203-1	10021	10246	9846	10038	2.00	cps
Thallium	205-1	23481	23314	23264	23353	0.49	cps
Tin	118-1	44726	43664	44299	44229	1.21	cps
Titanium	47-1	7569	7361	7236	7388	2.28	cps
Uranium	238-1	29411	29310	29377	29366	0.17	cps
Vanadium	51-2	4064	4171	4147	4127	1.36	cps
Yttrium	89-1	6684208	6548364	6635221	6622598	1.04	cps
Yttrium	89-2	202690	201621	203588	202633	0.49	cps
Zinc	66-2	483	497	497	492	1.56	cps
Zirconium	90-1	19548	19173	19089	19270	1.27	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4268	3742	4468	4159	9.01	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	108	69	49.96	cps
Antimony	121-1	1750	1809	1817	1792	2.03	cps
Arsenic	75-2	26	22	13	20	32.79	cps
Barium	135-1	1675	1700	1609	1661	2.85	cps
Barium	137-1	2850	2909	3117	2959	4.74	cps
Beryllium	9-1	344	317	328	330	4.24	cps
Bismuth	209-1	4876762	4882889	4822625	4860759	0.68	cps
Bismuth	209-2	1313449	1234322	1300489	1282753	3.31	cps
Boron	10-1	525	533	533	531	0.91	cps
Boron	11-1	2434	2550	2550	2511	2.68	cps
Cadmium	111-1	1161	1071	1135	1122	4.11	cps
Cadmium	106-1	1192	1117	1167	1158	3.30	cps
Cadmium	108-1	46	33	46	42	17.32	cps
Calcium	43-1	942	967	1000	970	3.02	cps
Calcium	44-1	17328	16761	16894	16994	1.75	cps
Chromium	52-2	333	400	373	369	9.10	cps
Cobalt	59-2	413	303	313	343	17.72	cps
Copper	63-2	623	633	590	616	3.69	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	50	33	8	31	68.64	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	7463344	7393992	7430054	7429130	0.47	cps
Holmium	165-2	1651229	1550936	1610713	1604293	3.14	cps
Indium	115-1	6284217	6318833	6233175	6278741	0.69	cps
Indium	115-2	271258	253992	266396	263882	3.37	cps
Iron	56-2	6057	5712	6035	5935	3.25	cps
Iron	57-2	106	122	144	124	15.72	cps
Lead	206-1	1222	1239	1211	1224	1.14	cps
Lead	207-1	1061	1072	1083	1072	1.04	cps
Lead	208-1	4784	4739	4773	4765	0.49	cps
Lithium	6-1	1260787	1263940	1268626	1264451	0.31	cps
Magnesium	24-2	792	783	692	756	7.34	cps
Manganese	55-2	117	93	120	110	13.21	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2784	3017	3125	2975	5.87	cps
Molybdenum	95-1	3517	3259	3492	3423	4.16	cps
Molybdenum	96-1	3901	3826	3809	3845	1.27	cps
Molybdenum	97-1	2442	2150	2034	2209	9.53	cps
Molybdenum	98-1	5618	5551	5301	5490	3.04	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	403	333	352	12.71	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2034	2159	2267	2153	5.42	cps
Rhodium	103-1	5908890	5837184	5822791	5856288	0.79	cps
Rhodium	103-2	1530604	1441539	1526336	1499493	3.35	cps
Scandium	45-1	3640033	3666280	3636445	3647586	0.45	cps
Scandium	45-2	28486	26422	28219	27709	4.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	6	7	24.97	cps
Selenium	82-1	244	257	317	273	14.28	cps
Silicon	28-1	355119	353233	353104	353818	0.32	cps
Silver	109-1	1634	1667	1659	1653	1.05	cps
Silver	107-1	1759	1792	1717	1756	2.14	cps
Sodium	23-2	7002	6652	7060	6905	3.20	cps
Strontium	86-1	708	825	775	770	7.61	cps
Strontium	88-1	3842	3709	3701	3751	2.12	cps
Sulfur	34-1	335371	332144	333310	333608	0.49	cps
Terbium	159-1	7828670	7792796	7802495	7807987	0.24	cps
Terbium	159-2	1584530	1461138	1546243	1530637	4.13	cps
Thallium	203-1	1325	1267	1475	1356	7.93	cps
Thallium	205-1	3109	3059	3134	3101	1.23	cps
Tin	118-1	1784	2050	1942	1925	6.97	cps
Titanium	47-1	833	875	817	842	3.57	cps
Uranium	238-1	4101	3993	3992	4029	1.55	cps
Vanadium	51-2	90	170	133	131	30.54	cps
Yttrium	89-1	6464571	6601143	6653184	6572966	1.48	cps
Yttrium	89-2	200968	190375	198944	196762	2.86	cps
Zinc	66-2	103	90	80	91	12.85	cps
Zirconium	90-1	2550	2600	2475	2542	2.48	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	633	692	644	6.64	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	92	33	81	53.08	cps
Antimony	121-1	1642	1567	1467	1558	5.64	cps
Arsenic	75-2	22	13	24	20	30.14	cps
Barium	135-1	1709	1634	1750	1697	3.48	cps
Barium	137-1	2934	3084	2959	2992	2.69	cps
Beryllium	9-1	322	372	283	326	13.67	cps
Bismuth	209-1	4883052	4907295	4803720	4864689	1.11	cps
Bismuth	209-2	1296110	1307279	1213502	1272297	4.03	cps
Boron	10-1	517	383	550	483	18.25	cps
Boron	11-1	1950	1984	2359	2097	10.81	cps
Cadmium	111-1	1007	1153	1103	1088	6.85	cps
Cadmium	106-1	992	1242	1117	1117	11.19	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	958	917	933	936	2.24	cps
Calcium	44-1	17211	17078	16143	16811	3.46	cps
Chromium	52-2	397	413	347	386	9.00	cps
Cobalt	59-2	333	360	307	333	8.00	cps
Copper	63-2	683	703	700	696	1.54	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	67	17	67	50	57.73	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7466507	7442933	7473452	7460964	0.21	cps
Holmium	165-2	1639243	1645024	1513422	1599230	4.65	cps
Indium	115-1	6266370	6259097	6197981	6241149	0.60	cps
Indium	115-2	267700	272625	252228	264184	4.03	cps
Iron	56-2	5796	5912	5712	5807	1.73	cps
Iron	57-2	133	139	111	128	11.50	cps
Lead	206-1	1278	1100	1295	1224	8.80	cps
Lead	207-1	1039	1122	1033	1065	4.68	cps
Lead	208-1	5067	4856	4862	4928	2.44	cps
Lithium	6-1	1274488	1267773	1258504	1266922	0.63	cps
Magnesium	24-2	608	725	708	681	9.27	cps
Manganese	55-2	107	97	143	116	21.26	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2867	2884	2542	2764	6.97	cps
Molybdenum	95-1	3259	3334	3492	3362	3.54	cps
Molybdenum	96-1	4084	3701	4051	3945	5.38	cps
Molybdenum	97-1	2242	1992	2092	2109	5.97	cps
Molybdenum	98-1	5410	5126	5451	5329	3.32	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	363	310	353	342	8.28	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2342	2067	2159	2189	6.40	cps
Rhodium	103-1	5902436	5848566	5812595	5854532	0.77	cps
Rhodium	103-2	1543574	1527567	1460227	1510456	2.93	cps
Scandium	45-1	3638201	3643808	3632661	3638223	0.15	cps
Scandium	45-2	28262	28088	26539	27630	3.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	294	286	314	298	4.90	cps
Silicon	28-1	353290	357575	358149	356338	0.75	cps
Silver	109-1	1625	1634	1675	1645	1.63	cps
Silver	107-1	1767	1817	1792	1792	1.40	cps
Sodium	23-2	6535	6835	6343	6571	3.77	cps
Strontium	86-1	725	767	967	820	15.77	cps
Strontium	88-1	4142	3801	4067	4004	4.49	cps
Sulfur	34-1	337450	336589	336704	336914	0.14	cps
Terbium	159-1	7884200	7917671	7732547	7844806	1.26	cps
Terbium	159-2	1554428	1567841	1449974	1524081	4.23	cps
Thallium	203-1	1333	1308	1417	1353	4.19	cps
Thallium	205-1	3067	3009	2800	2959	4.74	cps
Tin	118-1	1692	1892	1950	1845	7.35	cps
Titanium	47-1	858	1083	1083	1008	12.88	cps
Uranium	238-1	3792	3567	3942	3767	5.01	cps
Vanadium	51-2	113	130	103	116	11.65	cps
Yttrium	89-1	6644655	6545339	6597234	6595743	0.75	cps
Yttrium	89-2	198447	200437	188708	195864	3.20	cps
Zinc	66-2	80	70	70	73	7.87	cps
Zirconium	90-1	2450	2575	2859	2628	7.96	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	517	650	625	15.72	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	175	142	167	13.23	cps
Antimony	121-1	25943	26177	26085	26068	0.45	cps
Arsenic	75-2	135	131	146	138	5.60	cps
Barium	135-1	26661	27371	28047	27360	2.53	cps
Barium	137-1	48799	47880	48348	48342	0.95	cps
Beryllium	9-1	2039	1961	1989	1996	1.97	cps
Bismuth	209-1	4811603	4948862	4923119	4894528	1.49	cps
Bismuth	209-2	1307102	1323022	1306350	1312158	0.72	cps
Boron	10-1	4943	5251	4884	5026	3.92	cps
Boron	11-1	21550	22994	23303	22616	4.14	cps
Cadmium	111-1	3442	3370	3387	3400	1.12	cps
Cadmium	106-1	1567	1333	1375	1425	8.73	cps
Cadmium	108-1	221	246	246	238	6.08	cps
Calcium	43-1	14900	15000	14091	14664	3.40	cps
Calcium	44-1	243390	240198	240357	241315	0.75	cps
Chromium	52-2	2620	2790	2814	2741	3.85	cps
Cobalt	59-2	2424	2664	2577	2555	4.76	cps
Copper	63-2	4434	4501	4511	4482	0.93	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	0	20	0	7	173.21	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7339823	7500145	7637753	7492574	1.99	cps
Holmium	165-2	1660627	1652670	1626328	1646542	1.09	cps
Indium	115-1	6191574	6355088	6343585	6296749	1.45	cps
Indium	115-2	269916	272760	269453	270710	0.66	cps
Iron	56-2	40248	40615	39584	40149	1.30	cps
Iron	57-2	1033	1072	1067	1057	1.99	cps
Lead	206-1	8514	8648	8203	8455	2.70	cps
Lead	207-1	8019	7580	7803	7801	2.82	cps
Lead	208-1	34146	34269	34603	34339	0.69	cps
Lithium	6-1	1254358	1273948	1265010	1264439	0.78	cps
Magnesium	24-2	20841	21042	21033	20972	0.54	cps
Manganese	55-2	387	303	450	380	19.36	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22645	23538	23054	23079	1.94	cps
Molybdenum	95-1	26660	27487	26577	26908	1.87	cps
Molybdenum	96-1	29984	29942	29216	29714	1.45	cps
Molybdenum	97-1	16769	16402	17796	16989	4.25	cps
Molybdenum	98-1	43245	42334	44040	43206	1.98	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1123	1090	1007	1073	5.60	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	14283	12957	13107	13449	5.40	cps
Rhodium	103-1	5729465	5905013	5883362	5839280	1.64	cps
Rhodium	103-2	1570528	1543434	1534382	1549448	1.21	cps
Scandium	45-1	3590163	3672561	3698995	3653906	1.55	cps
Scandium	45-2	28222	28489	28920	28544	1.23	cps
Selenium	77-2	0	13	7	7	99.98	cps
Selenium	78-2	20	31	9	20	54.54	cps
Selenium	82-1	815	921	883	873	6.14	cps
Silicon	28-1	453087	444629	446605	448107	0.99	cps
Silver	109-1	12765	13557	13382	13235	3.15	cps
Silver	107-1	14125	14191	13574	13963	2.43	cps
Sodium	23-2	53527	54505	53543	53858	1.04	cps
Strontium	86-1	4184	3826	4101	4037	4.65	cps
Strontium	88-1	30126	31195	31771	31031	2.69	cps
Sulfur	34-1	339939	340848	337295	339360	0.54	cps
Terbium	159-1	7766406	7801665	7869339	7812470	0.67	cps
Terbium	159-2	1595518	1618642	1548756	1587639	2.24	cps
Thallium	203-1	9871	10205	9771	9949	2.28	cps
Thallium	205-1	23848	24107	24541	24166	1.45	cps
Tin	118-1	45813	45010	44609	45144	1.36	cps
Titanium	47-1	7002	7394	7227	7208	2.73	cps
Uranium	238-1	29928	30096	30689	30238	1.32	cps
Vanadium	51-2	4551	4387	4157	4365	4.53	cps
Yttrium	89-1	6461847	6558799	6683381	6568009	1.69	cps
Yttrium	89-2	201333	202402	201205	201647	0.33	cps
Zinc	66-2	413	513	407	444	13.44	cps
Zirconium	90-1	20533	19540	20366	20146	2.64	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4142	4609	4451	4401	5.39	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	50	64	27.15	cps
Antimony	121-1	1800	1650	1592	1681	6.40	cps
Arsenic	75-2	28	20	13	20	36.38	cps
Barium	135-1	1634	1967	1709	1770	9.88	cps
Barium	137-1	3209	2750	2950	2970	7.74	cps
Beryllium	9-1	367	394	289	350	15.63	cps
Bismuth	209-1	4855228	4876506	4961954	4897896	1.15	cps
Bismuth	209-2	1201668	1298820	1309874	1270120	4.69	cps
Boron	10-1	617	708	483	603	18.77	cps
Boron	11-1	2642	2775	2709	2709	2.46	cps
Cadmium	111-1	1184	1108	1233	1175	5.32	cps
Cadmium	106-1	1133	1083	1250	1156	7.40	cps
Cadmium	108-1	38	42	25	35	24.98	cps
Calcium	43-1	1117	900	1067	1028	11.04	cps
Calcium	44-1	16777	16911	16685	16791	0.67	cps
Chromium	52-2	290	390	430	370	19.49	cps
Cobalt	59-2	423	353	380	386	9.16	cps
Copper	63-2	693	663	537	631	13.18	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	0	17	3	7	132.33	cps
Holmium	165-1	7515557	7612016	7518633	7548735	0.73	cps
Holmium	165-2	1516282	1653393	1647444	1605706	4.83	cps
Indium	115-1	6394070	6255796	6335237	6328368	1.10	cps
Indium	115-2	248513	268106	271525	262715	4.73	cps
Iron	56-2	5518	5801	6174	5831	5.64	cps
Iron	57-2	156	167	194	172	11.63	cps
Lead	206-1	1339	1500	1356	1398	6.34	cps
Lead	207-1	1122	1122	983	1076	7.45	cps
Lead	208-1	5134	5051	5134	5106	0.94	cps
Lithium	6-1	1257206	1291975	1278145	1275775	1.37	cps
Magnesium	24-2	675	592	625	631	6.65	cps
Manganese	55-2	117	73	103	98	22.70	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3000	3025	2917	2981	1.90	cps
Molybdenum	95-1	3584	3251	3292	3376	5.38	cps
Molybdenum	96-1	3709	3626	4051	3795	5.94	cps
Molybdenum	97-1	2100	2275	2175	2184	4.02	cps
Molybdenum	98-1	5843	5726	5668	5746	1.55	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	367	390	363	373	3.89	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2092	2300	2217	2203	4.76	cps
Rhodium	103-1	5894714	5872454	5866743	5877970	0.25	cps
Rhodium	103-2	1452594	1528687	1556001	1512427	3.54	cps
Scandium	45-1	3722968	3684423	3662667	3690019	0.83	cps
Scandium	45-2	26616	27961	28750	27776	3.88	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	342	202	223	256	29.62	cps
Silicon	28-1	355577	360231	357032	357613	0.67	cps
Silver	109-1	1559	1817	1834	1736	8.88	cps
Silver	107-1	1550	1842	1700	1697	8.59	cps
Sodium	23-2	6902	7002	6668	6857	2.50	cps
Strontium	86-1	917	833	775	842	8.46	cps
Strontium	88-1	3809	4034	3917	3920	2.87	cps
Sulfur	34-1	340473	340882	339068	340141	0.28	cps
Terbium	159-1	7970183	8021983	7911086	7967751	0.70	cps
Terbium	159-2	1427129	1543028	1568679	1512945	4.98	cps
Thallium	203-1	1483	1342	1325	1383	6.29	cps
Thallium	205-1	3367	3434	3051	3284	6.24	cps
Tin	118-1	2117	2075	1934	2042	4.71	cps
Titanium	47-1	883	1150	958	997	13.79	cps
Uranium	238-1	3592	3934	3892	3806	4.90	cps
Vanadium	51-2	77	117	97	97	20.69	cps
Yttrium	89-1	6659174	6565529	6524683	6583129	1.05	cps
Yttrium	89-2	186916	199122	201333	195790	3.97	cps
Zinc	66-2	83	120	97	100	18.56	cps
Zirconium	90-1	2850	2884	2842	2859	0.77	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	508	708	608	16.44	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	75	69	6.93	cps
Antimony	121-1	1659	1484	1684	1609	6.78	cps
Arsenic	75-2	22	30	17	23	28.47	cps
Barium	135-1	1634	1575	1558	1589	2.48	cps
Barium	137-1	2809	3034	2709	2850	5.84	cps
Beryllium	9-1	306	344	356	335	7.83	cps
Bismuth	209-1	4926665	4925014	4849589	4900423	0.90	cps
Bismuth	209-2	1136805	1308078	1309618	1251500	7.94	cps
Boron	10-1	358	342	542	414	26.81	cps
Boron	11-1	2059	2009	2142	2070	3.25	cps
Cadmium	111-1	1078	1074	1151	1101	3.91	cps
Cadmium	106-1	1167	1050	1150	1122	5.62	cps
Cadmium	108-1	25	46	54	42	36.06	cps
Calcium	43-1	917	967	825	903	7.96	cps
Calcium	44-1	16819	16627	16377	16608	1.34	cps
Chromium	52-2	413	420	400	411	2.48	cps
Cobalt	59-2	413	303	353	357	15.44	cps
Copper	63-2	810	630	720	720	12.50	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	7578671	7390873	7483560	7484368	1.25	cps
Holmium	165-2	1431217	1616536	1650421	1566058	7.53	cps
Indium	115-1	6342167	6356813	6339279	6346086	0.15	cps
Indium	115-2	232735	269089	269698	257174	8.23	cps
Iron	56-2	5929	5863	5690	5827	2.12	cps
Iron	57-2	128	200	167	165	21.93	cps
Lead	206-1	1256	1383	1422	1354	6.44	cps
Lead	207-1	928	1100	1028	1019	8.49	cps
Lead	208-1	4628	4823	5378	4943	7.88	cps
Lithium	6-1	1275432	1275742	1285729	1278968	0.46	cps
Magnesium	24-2	692	783	950	808	16.20	cps
Manganese	55-2	100	93	107	100	6.66	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-QT	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2734	2742	2700	2725	0.81	cps
Molybdenum	95-1	3467	3334	3267	3356	3.03	cps
Molybdenum	96-1	3751	3576	3751	3692	2.74	cps
Molybdenum	97-1	2259	2142	2167	2189	2.81	cps
Molybdenum	98-1	5376	5210	5243	5276	1.67	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	410	377	400	396	4.32	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2217	2025	2134	2125	4.52	cps
Rhodium	103-1	5807924	5907694	5848597	5854738	0.86	cps
Rhodium	103-2	1353822	1551286	1573257	1492789	8.10	cps
Scandium	45-1	3723794	3670686	3627446	3673975	1.31	cps
Scandium	45-2	24739	28449	28609	27266	8.03	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	248	281	331	287	14.59	cps
Silicon	28-1	355112	357002	354404	355506	0.38	cps
Silver	109-1	1842	1625	1600	1689	7.87	cps
Silver	107-1	1692	1800	1659	1717	4.32	cps
Sodium	23-2	6819	6769	6677	6755	1.06	cps
Strontium	86-1	842	1000	925	922	8.59	cps
Strontium	88-1	3617	3876	3717	3737	3.49	cps
Sulfur	34-1	340462	338635	337442	338847	0.45	cps
Terbium	159-1	7978663	7796730	7825189	7866861	1.24	cps
Terbium	159-2	1402043	1566468	1560389	1509633	6.18	cps
Thallium	203-1	1117	1442	1217	1258	13.23	cps
Thallium	205-1	2900	2817	3126	2948	5.41	cps
Tin	118-1	1709	1867	1750	1775	4.62	cps
Titanium	47-1	1083	967	1100	1050	6.92	cps
Uranium	238-1	3542	3492	3617	3551	1.77	cps
Vanadium	51-2	107	103	173	128	30.90	cps
Yttrium	89-1	6724159	6531802	6527056	6594339	1.71	cps
Yttrium	89-2	177602	200254	200498	192785	6.82	cps
Zinc	66-2	83	117	90	97	18.25	cps
Zirconium	90-1	2600	2609	2684	2631	1.74	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	575	642	597	6.45	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	225	192	183	25.31	cps
Antimony	121-1	24916	25383	25626	25308	1.43	cps
Arsenic	75-2	150	143	156	149	4.35	cps
Barium	135-1	26820	26695	26452	26656	0.70	cps
Barium	137-1	47210	46189	45822	46407	1.55	cps
Beryllium	9-1	2239	1900	2011	2050	8.43	cps
Bismuth	209-1	4993115	4964814	4910318	4956082	0.85	cps
Bismuth	209-2	1305695	1306853	1321589	1311379	0.68	cps
Boron	10-1	4743	4709	4784	4745	0.79	cps
Boron	11-1	20866	21892	21500	21419	2.42	cps
Cadmium	111-1	3309	3340	3431	3360	1.89	cps
Cadmium	106-1	1475	1258	1408	1381	8.04	cps
Cadmium	108-1	225	196	204	208	7.21	cps
Calcium	43-1	14391	14400	14366	14386	0.12	cps
Calcium	44-1	231319	231191	229837	230782	0.36	cps
Chromium	52-2	2777	2607	2847	2744	4.50	cps
Cobalt	59-2	2470	2444	2530	2481	1.79	cps
Copper	63-2	4247	4688	4404	4446	5.02	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	100	50	72	35.25	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	42	50	33	42	19.99	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	7618569	7529936	7583529	7577345	0.59	cps
Holmium	165-2	1657973	1660571	1650262	1656269	0.32	cps
Indium	115-1	6382722	6341622	6356707	6360350	0.33	cps
Indium	115-2	269010	271572	271631	270738	0.55	cps
Iron	56-2	40141	38883	39222	39415	1.65	cps
Iron	57-2	1061	939	906	969	8.46	cps
Lead	206-1	7936	7908	7875	7906	0.39	cps
Lead	207-1	7463	7147	7319	7310	2.17	cps
Lead	208-1	32417	32484	33107	32669	1.16	cps
Lithium	6-1	1290634	1301265	1271527	1287809	1.17	cps
Magnesium	24-2	20065	20282	20599	20315	1.32	cps
Manganese	55-2	393	343	310	349	12.02	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21351	21810	21351	21504	1.23	cps
Molybdenum	95-1	26452	25542	25700	25898	1.88	cps
Molybdenum	96-1	28798	29391	28882	29024	1.11	cps
Molybdenum	97-1	16077	15601	16135	15938	1.84	cps
Molybdenum	98-1	41598	41590	40905	41364	0.96	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1057	1043	920	1007	7.49	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13582	12831	13666	13360	3.44	cps
Rhodium	103-1	5875073	5887610	5886806	5883163	0.12	cps
Rhodium	103-2	1542866	1584621	1564276	1563921	1.34	cps
Scandium	45-1	3668359	3714480	3714983	3699274	0.72	cps
Scandium	45-2	28693	28843	28572	28703	0.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	17	22	19	17.30	cps
Selenium	82-1	937	948	811	899	8.52	cps
Silicon	28-1	439488	439455	441996	440313	0.33	cps
Silver	109-1	13073	12114	12481	12556	3.85	cps
Silver	107-1	13532	12898	13774	13402	3.38	cps
Sodium	23-2	51201	51762	52432	51798	1.19	cps
Strontium	86-1	3892	3767	3767	3809	1.90	cps
Strontium	88-1	29909	29483	29843	29745	0.77	cps
Sulfur	34-1	339747	342161	335999	339302	0.92	cps
Terbium	159-1	7939040	7881948	7881753	7900914	0.42	cps
Terbium	159-2	1611711	1576318	1565323	1584451	1.53	cps
Thallium	203-1	9437	10188	9821	9815	3.82	cps
Thallium	205-1	22888	22729	23322	22980	1.34	cps
Tin	118-1	43564	42686	42845	43031	1.09	cps
Titanium	47-1	7944	7302	6744	7330	8.20	cps
Uranium	238-1	30404	29403	29169	29659	2.21	cps
Vanadium	51-2	4244	4057	4207	4170	2.37	cps
Yttrium	89-1	6645355	6637905	6583297	6622186	0.51	cps
Yttrium	89-2	203022	203651	203394	203355	0.16	cps
Zinc	66-2	417	460	427	434	5.22	cps
Zirconium	90-1	19031	18655	18622	18769	1.21	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4343	4084	4001	4143	4.30	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	42	83	72	37.09	cps
Antimony	121-1	1634	1875	1817	1775	7.11	cps
Arsenic	75-2	13	19	28	20	37.90	cps
Barium	135-1	1609	1742	1884	1745	7.88	cps
Barium	137-1	2859	2692	3384	2978	12.12	cps
Beryllium	9-1	378	317	283	326	14.70	cps
Bismuth	209-1	4927502	4892098	4853007	4890869	0.76	cps
Bismuth	209-2	1309921	1300064	1326671	1312219	1.03	cps
Boron	10-1	617	450	617	561	17.15	cps
Boron	11-1	2442	2525	2567	2511	2.53	cps
Cadmium	111-1	1248	1119	1111	1159	6.62	cps
Cadmium	106-1	1283	1092	1183	1186	8.08	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	1050	1158	883	1031	13.44	cps
Calcium	44-1	16285	16410	16978	16558	2.23	cps
Chromium	52-2	350	363	350	354	2.17	cps
Cobalt	59-2	420	320	327	356	15.72	cps
Copper	63-2	647	687	660	664	3.07	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	0	42	50	31	87.67	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	7536631	7470692	7413131	7473485	0.83	cps
Holmium	165-2	1626525	1622648	1674380	1641184	1.76	cps
Indium	115-1	6300681	6340887	6212313	6284627	1.05	cps
Indium	115-2	270358	269063	273869	271097	0.92	cps
Iron	56-2	5529	5851	5573	5651	3.09	cps
Iron	57-2	117	139	117	124	10.34	cps
Lead	206-1	1133	1083	1211	1143	5.64	cps
Lead	207-1	1128	1106	1056	1096	3.37	cps
Lead	208-1	4962	4817	4923	4901	1.53	cps
Lithium	6-1	1266868	1263424	1281494	1270596	0.76	cps
Magnesium	24-2	692	742	733	722	3.71	cps
Manganese	55-2	93	73	100	89	15.62	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2892	2859	3059	2937	3.65	cps
Molybdenum	95-1	3359	3692	3467	3506	4.85	cps
Molybdenum	96-1	3734	3542	3909	3728	4.92	cps
Molybdenum	97-1	2284	1850	2050	2061	10.52	cps
Molybdenum	98-1	5260	5418	5318	5332	1.50	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	413	357	387	386	7.35	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2350	2292	2300	2314	1.36	cps
Rhodium	103-1	5863918	5887548	5826400	5859289	0.53	cps
Rhodium	103-2	1555780	1562304	1581106	1566397	0.84	cps
Scandium	45-1	3689221	3659446	3652918	3667195	0.53	cps
Scandium	45-2	29354	28205	29164	28908	2.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	11	4	6	69.34	cps
Selenium	82-1	267	286	279	277	3.43	cps
Silicon	28-1	355381	357772	356703	356619	0.34	cps
Silver	109-1	1642	1442	1483	1522	6.93	cps
Silver	107-1	1925	1742	1550	1739	10.78	cps
Sodium	23-2	6760	6452	6127	6446	4.92	cps
Strontium	86-1	708	850	783	781	9.08	cps
Strontium	88-1	3901	3851	4026	3926	2.30	cps
Sulfur	34-1	336295	336972	335383	336217	0.24	cps
Terbium	159-1	7906377	7842399	7699927	7816235	1.35	cps
Terbium	159-2	1552613	1544289	1600672	1565858	1.94	cps
Thallium	203-1	1258	1283	1483	1342	9.19	cps
Thallium	205-1	3134	3134	2951	3073	3.45	cps
Tin	118-1	1792	1809	1859	1820	1.91	cps
Titanium	47-1	967	983	1158	1036	10.25	cps
Uranium	238-1	3559	3592	3617	3590	0.82	cps
Vanadium	51-2	93	133	150	126	23.19	cps
Yttrium	89-1	6593188	6569886	6535361	6566145	0.44	cps
Yttrium	89-2	202410	200728	205221	202787	1.12	cps
Zinc	66-2	110	90	77	92	18.19	cps
Zirconium	90-1	2459	2792	2409	2553	8.16	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	633	817	681	17.59	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222365	224142	221648	222718	0.58	cps
Antimony	121-1	3408464	3415680	3413151	3412432	0.11	cps
Arsenic	75-2	35750	35945	36088	35927	0.47	cps
Barium	135-1	3654008	3655026	3679857	3662963	0.40	cps
Barium	137-1	6283502	6262552	6213854	6253302	0.57	cps
Beryllium	9-1	465131	462863	465111	464368	0.28	cps
Bismuth	209-1	4831404	4831950	4455253	4706203	4.62	cps
Bismuth	209-2	1286464	1283684	1295701	1288616	0.49	cps
Boron	10-1	52580	53885	53868	53445	1.40	cps
Boron	11-1	245016	248959	252001	248659	1.41	cps
Cadmium	111-1	690460	689773	693586	691273	0.29	cps
Cadmium	106-1	72144	73124	74095	73121	1.33	cps
Cadmium	108-1	49026	49094	49984	49368	1.08	cps
Calcium	43-1	3674048	3671613	3687875	3677845	0.24	cps
Calcium	44-1	59297462	59139674	59395566	59277567	0.22	cps
Chromium	52-2	296664	295290	296107	296020	0.23	cps
Cobalt	59-2	613639	621553	619729	618307	0.67	cps
Copper	63-2	1046383	1053885	1048201	1049490	0.37	cps
Dysprosium	156-1	50	100	58	69	38.58	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	33	42	83	53	50.76	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	7834898	7872623	7122832	7610117	5.55	cps
Holmium	165-2	1706986	1709179	1702753	1706306	0.19	cps
Indium	115-1	6249607	6224879	5643202	6039229	5.68	cps
Indium	115-2	263572	266170	265786	265176	0.53	cps
Iron	56-2	47728443	47865776	47636347	47743522	0.24	cps
Iron	57-2	1199796	1207383	1204543	1203907	0.32	cps
Lead	206-1	2118595	2098430	2114179	2110401	0.50	cps
Lead	207-1	1921159	1918011	1919334	1919501	0.08	cps
Lead	208-1	8571987	8562507	8526188	8553561	0.28	cps
Lithium	6-1	1253187	1270329	1153391	1225636	5.15	cps
Magnesium	24-2	5313842	5295057	5307447	5305449	0.18	cps
Manganese	55-2	167598	167631	168563	167931	0.33	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5862294	5785447	5846262	5831334	0.70	cps
Molybdenum	95-1	7266270	7173331	7224752	7221451	0.64	cps
Molybdenum	96-1	7985722	7933958	7924149	7947943	0.42	cps
Molybdenum	97-1	4495797	4457066	4529524	4494129	0.81	cps
Molybdenum	98-1	11490011	11511803	11552423	11518079	0.28	cps
Neodymium	150-1	180	173	147	167	10.58	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	178794	180090	178821	179235	0.41	cps
Phosphorus	31-2	2959	2892	3226	3025	5.83	cps
Potassium	39-2	1500162	1479761	1467345	1482422	1.12	cps
Rhodium	103-1	5656151	5604735	5166250	5475712	4.92	cps
Rhodium	103-2	1467627	1478745	1480499	1475624	0.47	cps
Scandium	45-1	3731532	3749343	3426271	3635715	4.99	cps
Scandium	45-2	28259	28566	28746	28524	0.86	cps
Selenium	77-2	270	240	253	254	5.91	cps
Selenium	78-2	867	876	819	854	3.61	cps
Selenium	82-1	44075	43968	43909	43984	0.19	cps
Silicon	28-1	1728913	1698947	1729170	1719010	1.01	cps
Silver	109-1	3309758	3261103	3285813	3285558	0.74	cps
Silver	107-1	3435039	3400708	3445054	3426933	0.68	cps
Sodium	23-2	12217227	12190218	12198716	12202054	0.11	cps
Strontium	86-1	942059	947711	947869	945880	0.35	cps
Strontium	88-1	8204257	8235403	8271576	8237079	0.41	cps
Sulfur	34-1	537429	536581	537503	537171	0.10	cps
Terbium	159-1	8184650	8237356	7501506	7974504	5.15	cps
Terbium	159-2	1637331	1637210	1637050	1637197	0.01	cps
Thallium	203-1	2561934	2562291	2569400	2564542	0.16	cps
Thallium	205-1	6061738	6030053	6041915	6044569	0.26	cps
Tin	118-1	2380921	2360379	2375354	2372218	0.45	cps
Titanium	47-1	1943642	1920495	1954056	1939398	0.89	cps
Uranium	238-1	8137066	8165077	8194426	8165523	0.35	cps
Vanadium	51-2	223584	224331	222152	223356	0.50	cps
Yttrium	89-1	6713549	6662909	6103303	6493254	5.22	cps
Yttrium	89-2	204788	204215	204203	204402	0.16	cps
Zinc	66-2	94026	94069	94848	94314	0.49	cps
Zirconium	90-1	4953154	4992870	5030474	4992166	0.77	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1094670	1081341	1088364	1088125	0.61	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	25	11	114.58	cps
Antimony	121-1	442	342	400	394	12.73	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	58	100	133	97	38.65	cps
Barium	137-1	192	158	125	158	21.05	cps
Beryllium	9-1	161	183	183	176	7.29	cps
Bismuth	209-1	5138896	5111119	5161674	5137230	0.49	cps
Bismuth	209-2	1349938	1346745	1285353	1327346	2.74	cps
Boron	10-1	700	433	475	536	26.76	cps
Boron	11-1	2825	2609	2525	2653	5.84	cps
Cadmium	111-1	899	835	918	884	4.93	cps
Cadmium	106-1	1267	1175	1317	1253	5.74	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	850	508	617	658	26.52	cps
Calcium	44-1	10963	11255	11247	11155	1.49	cps
Chromium	52-2	240	217	200	219	9.18	cps
Cobalt	59-2	40	40	47	42	9.12	cps
Copper	63-2	120	123	143	129	9.79	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7860232	7837278	7822834	7840115	0.24	cps
Holmium	165-2	1703461	1680653	1607029	1663714	3.03	cps
Indium	115-1	6573905	6520740	6460966	6518537	0.87	cps
Indium	115-2	274369	276601	261149	270707	3.09	cps
Iron	56-2	1867	1828	1495	1730	11.83	cps
Iron	57-2	50	89	28	56	55.68	cps
Lead	206-1	428	367	406	400	7.73	cps
Lead	207-1	400	300	333	344	14.78	cps
Lead	208-1	1783	1622	1556	1654	7.08	cps
Lithium	6-1	1313532	1321072	1319350	1317985	0.30	cps
Magnesium	24-2	358	217	267	281	25.61	cps
Manganese	55-2	10	17	17	14	26.66	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	308	300	275	18.43	cps
Molybdenum	95-1	225	175	167	189	16.70	cps
Molybdenum	96-1	292	158	317	256	33.31	cps
Molybdenum	97-1	92	92	142	108	26.65	cps
Molybdenum	98-1	283	267	192	247	19.75	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	280	237	290	269	10.54	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2084	1942	2084	2036	4.02	cps
Rhodium	103-1	5994803	6071870	5981225	6015966	0.81	cps
Rhodium	103-2	1599611	1585988	1513496	1566365	2.96	cps
Scandium	45-1	3799315	3744136	3790282	3777911	0.78	cps
Scandium	45-2	28523	28429	27250	28067	2.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-24	-51	-62	-46	-42.73	cps
Silicon	28-1	346370	351418	347685	348491	0.75	cps
Silver	109-1	125	150	92	122	23.95	cps
Silver	107-1	133	125	133	131	3.68	cps
Sodium	23-2	6043	6052	6177	6090	1.23	cps
Strontium	86-1	408	408	425	414	2.33	cps
Strontium	88-1	167	142	242	183	28.39	cps
Sulfur	34-1	330016	330577	331581	330725	0.24	cps
Terbium	159-1	8190706	8171675	8217280	8193220	0.28	cps
Terbium	159-2	1658558	1625900	1574012	1619490	2.63	cps
Thallium	203-1	333	258	308	300	12.73	cps
Thallium	205-1	675	500	558	578	15.42	cps
Tin	118-1	825	600	642	689	17.38	cps
Titanium	47-1	133	158	133	142	10.19	cps
Uranium	238-1	100	92	133	108	20.35	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	6746226	6796953	6746119	6763100	0.43	cps
Yttrium	89-2	204037	203002	194720	200586	2.55	cps
Zinc	66-2	27	20	10	19	44.42	cps
Zirconium	90-1	517	375	542	478	18.81	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	142	103	33.76	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	117	122	7.87	cps
Antimony	121-1	13074	13482	13224	13260	1.56	cps
Arsenic	75-2	69	80	70	73	8.17	cps
Barium	135-1	13783	13291	13382	13485	1.94	cps
Barium	137-1	23396	23981	22837	23405	2.44	cps
Beryllium	9-1	1122	1072	1106	1100	2.31	cps
Bismuth	209-1	5103061	5141268	4746851	4997060	4.35	cps
Bismuth	209-2	1341838	1353960	1344429	1346742	0.47	cps
Boron	10-1	2450	2825	2875	2717	8.55	cps
Boron	11-1	12581	12523	12848	12650	1.37	cps
Cadmium	111-1	2061	2216	2160	2145	3.66	cps
Cadmium	106-1	1200	1225	1283	1236	3.46	cps
Cadmium	108-1	138	96	79	104	28.84	cps
Calcium	43-1	7202	7728	7027	7319	4.98	cps
Calcium	44-1	122959	123103	123741	123268	0.34	cps
Chromium	52-2	1350	1503	1530	1461	6.65	cps
Cobalt	59-2	1313	1253	1370	1312	4.45	cps
Copper	63-2	2460	2140	2327	2309	6.96	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	7823725	7832148	7269851	7641908	4.22	cps
Holmium	165-2	1690566	1685499	1667666	1681243	0.72	cps
Indium	115-1	6436972	6531754	6025036	6331254	4.25	cps
Indium	115-2	272663	275577	271440	273226	0.78	cps
Iron	56-2	20905	20215	20677	20599	1.71	cps
Iron	57-2	528	461	522	504	7.34	cps
Lead	206-1	4379	4418	4195	4330	2.74	cps
Lead	207-1	3890	3901	4206	3999	4.50	cps
Lead	208-1	17878	17900	17861	17880	0.11	cps
Lithium	6-1	1320367	1342854	1249941	1304387	3.72	cps
Magnesium	24-2	9679	10121	10888	10229	5.98	cps
Manganese	55-2	240	187	223	217	12.59	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11330	10963	11497	11263	2.43	cps
Molybdenum	95-1	13199	13282	13307	13263	0.43	cps
Molybdenum	96-1	14692	14617	15751	15020	4.22	cps
Molybdenum	97-1	8536	7919	8270	8242	3.75	cps
Molybdenum	98-1	20942	21192	21802	21312	2.07	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	710	693	660	688	3.70	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8094	7769	7677	7847	2.79	cps
Rhodium	103-1	6044394	6026939	5622890	5898075	4.04	cps
Rhodium	103-2	1580260	1600136	1588010	1589469	0.63	cps
Scandium	45-1	3739636	3785918	3526275	3683943	3.76	cps
Scandium	45-2	27991	28486	29007	28495	1.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	482	370	413	422	13.33	cps
Silicon	28-1	386764	388740	393791	389765	0.93	cps
Silver	109-1	6610	6702	6627	6646	0.73	cps
Silver	107-1	6952	6468	6744	6721	3.61	cps
Sodium	23-2	29674	30266	29941	29960	0.99	cps
Strontium	86-1	2184	2300	2225	2236	2.64	cps
Strontium	88-1	15701	15451	15593	15582	0.81	cps
Sulfur	34-1	330354	331165	330182	330567	0.16	cps
Terbium	159-1	8218034	8173830	7581724	7991196	4.45	cps
Terbium	159-2	1652605	1644395	1645645	1647549	0.27	cps
Thallium	203-1	5460	4943	5160	5187	5.00	cps
Thallium	205-1	12448	12423	12373	12415	0.31	cps
Tin	118-1	22586	23271	23146	23001	1.58	cps
Titanium	47-1	3592	3817	3384	3598	6.03	cps
Uranium	238-1	15260	15260	16003	15508	2.76	cps
Vanadium	51-2	2170	2254	2084	2169	3.92	cps
Yttrium	89-1	6674842	6763313	6307156	6581770	3.68	cps
Yttrium	89-2	203310	204128	201624	203021	0.63	cps
Zinc	66-2	287	323	327	312	7.11	cps
Zirconium	90-1	9821	9929	10138	9962	1.62	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2409	1975	2142	2175	10.05	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	117	106	25.38	cps
Antimony	121-1	12823	12573	13182	12859	2.38	cps
Arsenic	75-2	69	54	67	63	12.83	cps
Barium	135-1	13558	13324	13182	13355	1.42	cps
Barium	137-1	23388	23772	23413	23525	0.91	cps
Beryllium	9-1	1050	1117	883	1017	11.82	cps
Bismuth	209-1	5133501	5083376	5077795	5098224	0.60	cps
Bismuth	209-2	1347377	1346130	1348860	1347456	0.10	cps
Boron	10-1	2975	2717	2975	2889	5.16	cps
Boron	11-1	11789	12773	12623	12395	4.28	cps
Cadmium	111-1	1868	2234	2172	2091	9.37	cps
Cadmium	106-1	1017	1342	1200	1186	13.74	cps
Cadmium	108-1	117	121	92	110	14.38	cps
Calcium	43-1	7361	7702	7502	7522	2.28	cps
Calcium	44-1	122978	120733	122144	121952	0.93	cps
Chromium	52-2	1457	1373	1373	1401	3.43	cps
Cobalt	59-2	1210	1173	1200	1195	1.59	cps
Copper	63-2	2267	2384	2270	2307	2.88	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7844071	7851049	7845299	7846806	0.05	cps
Holmium	165-2	1693207	1687527	1694349	1691695	0.22	cps
Indium	115-1	6529292	6533656	6517343	6526764	0.13	cps
Indium	115-2	273946	273502	274123	273857	0.12	cps
Iron	56-2	19876	20226	20410	20171	1.34	cps
Iron	57-2	600	544	556	567	5.19	cps
Lead	206-1	4395	4090	4445	4310	4.47	cps
Lead	207-1	3929	3929	3806	3888	1.82	cps
Lead	208-1	17633	17155	17366	17385	1.38	cps
Lithium	6-1	1322438	1318786	1321522	1320915	0.14	cps
Magnesium	24-2	10463	10087	10479	10343	2.14	cps
Manganese	55-2	153	157	260	190	31.92	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11105	10705	10913	10908	1.84	cps
Molybdenum	95-1	13757	12465	13115	13112	4.93	cps
Molybdenum	96-1	14817	14708	14600	14708	0.74	cps
Molybdenum	97-1	8670	7936	7953	8186	5.12	cps
Molybdenum	98-1	20975	20583	20725	20761	0.96	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	667	590	658	9.70	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8303	7536	7327	7722	6.65	cps
Rhodium	103-1	6029362	5988246	6039806	6019138	0.45	cps
Rhodium	103-2	1583449	1586658	1600714	1590274	0.58	cps
Scandium	45-1	3726743	3734830	3776297	3745957	0.71	cps
Scandium	45-2	29107	28863	28249	28740	1.54	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	11	7	7	9	24.71	cps
Selenium	82-1	409	483	413	435	9.61	cps
Silicon	28-1	388846	389448	392581	390292	0.51	cps
Silver	109-1	6377	6427	6652	6485	2.26	cps
Silver	107-1	6877	6477	6885	6746	3.46	cps
Sodium	23-2	29816	29506	29273	29532	0.92	cps
Strontium	86-1	1825	1859	2217	1967	11.04	cps
Strontium	88-1	15551	15468	15026	15348	1.84	cps
Sulfur	34-1	338851	334481	337689	337007	0.67	cps
Terbium	159-1	8061855	8218842	8240158	8173618	1.19	cps
Terbium	159-2	1640314	1640541	1640946	1640600	0.02	cps
Thallium	203-1	5301	4785	4951	5012	5.26	cps
Thallium	205-1	11739	12448	11397	11862	4.52	cps
Tin	118-1	21510	22269	21593	21791	1.91	cps
Titanium	47-1	3234	3717	3759	3570	8.18	cps
Uranium	238-1	14868	14626	15427	14974	2.74	cps
Vanadium	51-2	1964	1914	1944	1940	1.30	cps
Yttrium	89-1	6783513	6841671	6750009	6791731	0.68	cps
Yttrium	89-2	204252	203769	203316	203779	0.23	cps
Zinc	66-2	243	197	220	220	10.61	cps
Zirconium	90-1	10062	8520	10046	9543	9.28	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2217	2259	2134	2203	2.89	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	142	142	183	156	15.47	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	58	83	67	69	18.33	cps
Beryllium	9-1	139	144	189	157	17.41	cps
Bismuth	209-1	5041425	4672286	5030089	4914600	4.27	cps
Bismuth	209-2	1338348	1330640	1327993	1332327	0.40	cps
Boron	10-1	425	467	492	461	7.30	cps
Boron	11-1	2050	2284	1984	2106	7.48	cps
Cadmium	111-1	669	791	800	753	9.74	cps
Cadmium	106-1	950	1125	1142	1072	9.90	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	667	667	658	664	0.72	cps
Calcium	44-1	11013	11172	11363	11183	1.57	cps
Chromium	52-2	263	190	173	209	22.92	cps
Cobalt	59-2	53	47	57	52	9.75	cps
Copper	63-2	137	107	140	128	14.37	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7741080	7254157	7679064	7558100	3.51	cps
Holmium	165-2	1693715	1684814	1674367	1684299	0.57	cps
Indium	115-1	6458730	6047609	6437205	6314514	3.66	cps
Indium	115-2	271687	270010	272559	271419	0.48	cps
Iron	56-2	1111	1106	1250	1156	7.08	cps
Iron	57-2	33	17	17	22	43.28	cps
Lead	206-1	439	311	328	359	19.34	cps
Lead	207-1	278	211	289	259	16.23	cps
Lead	208-1	1322	1133	1306	1254	8.34	cps
Lithium	6-1	1313834	1242622	1302252	1286236	2.97	cps
Magnesium	24-2	400	308	325	344	14.18	cps
Manganese	55-2	10	23	20	18	39.03	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	83	233	181	46.69	cps
Molybdenum	95-1	92	75	50	72	29.04	cps
Molybdenum	96-1	100	117	58	92	32.77	cps
Molybdenum	97-1	67	42	58	56	22.91	cps
Molybdenum	98-1	42	125	50	72	63.55	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	233	273	247	9.36	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2217	1917	1917	2017	8.59	cps
Rhodium	103-1	5979256	5602714	5859144	5813705	3.31	cps
Rhodium	103-2	1562358	1567964	1564616	1564979	0.18	cps
Scandium	45-1	3703444	3510680	3711284	3641803	3.12	cps
Scandium	45-2	28626	28860	28876	28787	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-22	-1	1	-7	-171.10	cps
Silicon	28-1	354178	350064	356314	353518	0.90	cps
Silver	109-1	92	75	125	97	26.19	cps
Silver	107-1	83	100	133	106	24.12	cps
Sodium	23-2	5593	5668	5952	5738	3.30	cps
Strontium	86-1	358	400	500	419	17.36	cps
Strontium	88-1	75	125	125	108	26.65	cps
Sulfur	34-1	337836	336947	337231	337338	0.13	cps
Terbium	159-1	8130737	7534427	8008740	7891301	3.99	cps
Terbium	159-2	1626822	1635197	1620419	1627480	0.46	cps
Thallium	203-1	150	158	167	158	5.26	cps
Thallium	205-1	383	292	300	325	15.60	cps
Tin	118-1	1067	1033	1217	1106	8.83	cps
Titanium	47-1	192	58	142	131	51.59	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	6706158	6280791	6583823	6523590	3.36	cps
Yttrium	89-2	202845	200968	201255	201689	0.50	cps
Zinc	66-2	70	63	53	62	13.48	cps
Zirconium	90-1	408	442	500	450	10.31	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	117	75	78	48.31	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43008	42924	42732	42888	0.33	cps
Antimony	121-1	3451059	3403407	3418854	3424440	0.71	cps
Arsenic	75-2	35392	35618	35364	35458	0.39	cps
Barium	135-1	3642696	3673225	3622609	3646176	0.70	cps
Barium	137-1	6255067	6228624	6170068	6217920	0.70	cps
Beryllium	9-1	460674	458295	458168	459046	0.31	cps
Bismuth	209-1	5010997	4981406	5035507	5009304	0.54	cps
Bismuth	209-2	1307121	1313590	1324548	1315086	0.67	cps
Boron	10-1	48642	49955	51209	49935	2.57	cps
Boron	11-1	229813	232648	236791	233084	1.51	cps
Cadmium	111-1	711525	711660	710977	711387	0.05	cps
Cadmium	106-1	75587	74372	75126	75029	0.82	cps
Cadmium	108-1	50704	50453	50168	50441	0.53	cps
Calcium	43-1	729745	733996	736391	733378	0.46	cps
Calcium	44-1	11932047	11948394	11809785	11896742	0.64	cps
Chromium	52-2	285143	286653	284697	285498	0.36	cps
Cobalt	59-2	618527	624231	618260	620339	0.54	cps
Copper	63-2	1064460	1073120	1072913	1070164	0.46	cps
Dysprosium	156-1	42	83	17	47	71.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	75	25	44	60.28	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	67	25	36	74.18	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	7884404	7754557	7832115	7823692	0.84	cps
Holmium	165-2	1671888	1689236	1700585	1687236	0.86	cps
Indium	115-1	6422833	6345511	6355101	6374482	0.66	cps
Indium	115-2	261613	263922	266309	263948	0.89	cps
Iron	56-2	9672050	9675266	9585581	9644299	0.53	cps
Iron	57-2	242858	242440	241219	242172	0.35	cps
Lead	206-1	2146890	2142151	2146650	2145230	0.12	cps
Lead	207-1	1960096	1949561	1984540	1964732	0.91	cps
Lead	208-1	8682446	8665653	8715040	8687713	0.29	cps
Lithium	6-1	1301921	1301221	1299669	1300937	0.09	cps
Magnesium	24-2	1022882	1033204	1030794	1028960	0.52	cps
Manganese	55-2	163757	165638	163602	164332	0.69	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5759237	5782743	5801102	5781027	0.36	cps
Molybdenum	95-1	7107549	7095731	7109375	7104218	0.10	cps
Molybdenum	96-1	7923551	7862862	7887968	7891460	0.39	cps
Molybdenum	97-1	4447586	4431750	4449290	4442875	0.22	cps
Molybdenum	98-1	11407531	11384116	11473043	11421563	0.40	cps
Neodymium	150-1	147	160	200	169	16.44	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	177693	182239	180642	180191	1.28	cps
Phosphorus	31-2	3150	3109	2859	3039	5.19	cps
Potassium	39-2	285216	290000	288124	287780	0.84	cps
Rhodium	103-1	5842339	5811564	5808646	5820849	0.32	cps
Rhodium	103-2	1499701	1504396	1507482	1503860	0.26	cps
Scandium	45-1	3677197	3729410	3710705	3705770	0.71	cps
Scandium	45-2	28178	28052	27794	28008	0.70	cps
Selenium	77-2	250	267	253	257	3.43	cps
Selenium	78-2	819	876	861	852	3.50	cps
Selenium	82-1	43944	44675	44425	44348	0.84	cps
Silicon	28-1	1717368	1723882	1705474	1715575	0.54	cps
Silver	109-1	3399053	3353226	3381222	3377834	0.68	cps
Silver	107-1	3536550	3569009	3523418	3542992	0.66	cps
Sodium	23-2	2469258	2440482	2459461	2456401	0.60	cps
Strontium	86-1	917980	918638	908654	915091	0.61	cps
Strontium	88-1	7854879	7994891	7956393	7935388	0.91	cps
Sulfur	34-1	547289	536976	535657	539974	1.18	cps
Terbium	159-1	8205362	8124864	8110973	8147066	0.63	cps
Terbium	159-2	1602917	1618079	1612889	1611295	0.48	cps
Thallium	203-1	2638653	2622186	2643928	2634922	0.43	cps
Thallium	205-1	6103044	6128358	6165042	6132148	0.51	cps
Tin	118-1	2404175	2376084	2383199	2387819	0.61	cps
Titanium	47-1	1914099	1894679	1896850	1901876	0.56	cps
Uranium	238-1	8069987	8109680	8151624	8110430	0.50	cps
Vanadium	51-2	216546	216567	217497	216870	0.25	cps
Yttrium	89-1	6651842	6736909	6702092	6696948	0.64	cps
Yttrium	89-2	200424	203073	201082	201526	0.68	cps
Zinc	66-2	94664	94999	95593	95085	0.49	cps
Zirconium	90-1	4875727	4923015	4901575	4900106	0.48	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1065738	1072937	1067439	1068704	0.35	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	2159	2325	2559	2348	8.56	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	58	25	58	47	40.76	cps
Barium	137-1	83	58	100	81	26.03	cps
Beryllium	9-1	344	361	361	356	2.71	cps
Bismuth	209-1	5048692	4732643	5074040	4951792	3.84	cps
Bismuth	209-2	1306482	1324966	1326089	1319179	0.83	cps
Boron	10-1	2017	2225	1558	1934	17.64	cps
Boron	11-1	9312	8828	7602	8581	10.27	cps
Cadmium	111-1	835	875	808	839	4.02	cps
Cadmium	106-1	1150	1208	1142	1167	3.11	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	683	733	683	700	4.12	cps
Calcium	44-1	11597	11789	11305	11564	2.11	cps
Chromium	52-2	257	233	227	239	6.60	cps
Cobalt	59-2	53	43	57	51	13.58	cps
Copper	63-2	130	120	167	139	17.69	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	33	17	99.99	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	67	33	100	67	49.99	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	7678412	7181685	7720854	7526984	3.98	cps
Holmium	165-2	1631148	1653775	1666245	1650389	1.08	cps
Indium	115-1	6402513	6026585	6404222	6277773	3.47	cps
Indium	115-2	267064	268701	269154	268306	0.41	cps
Iron	56-2	1539	1328	1439	1435	7.36	cps
Iron	57-2	22	17	28	22	25.00	cps
Lead	206-1	506	494	556	519	6.28	cps
Lead	207-1	417	411	450	426	4.94	cps
Lead	208-1	1933	1828	2022	1928	5.05	cps
Lithium	6-1	1261764	1218622	1297110	1259165	3.12	cps
Magnesium	24-2	275	325	242	281	14.95	cps
Manganese	55-2	17	13	20	17	20.01	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	575	533	561	4.29	cps
Molybdenum	95-1	617	667	558	614	8.83	cps
Molybdenum	96-1	692	625	692	669	5.75	cps
Molybdenum	97-1	400	375	467	414	11.45	cps
Molybdenum	98-1	1167	942	967	1025	12.03	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	183	220	202	9.08	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1759	2142	2025	1975	9.95	cps
Rhodium	103-1	5890559	5584115	5953955	5809543	3.40	cps
Rhodium	103-2	1544251	1545301	1561368	1550307	0.62	cps
Scandium	45-1	3667899	3477393	3643544	3596279	2.88	cps
Scandium	45-2	27647	27010	27343	27333	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	29	17	-39	2	1563.87	cps
Silicon	28-1	353520	353218	353208	353316	0.05	cps
Silver	109-1	133	125	175	144	18.54	cps
Silver	107-1	108	217	192	172	32.94	cps
Sodium	23-2	5601	6035	6010	5882	4.14	cps
Strontium	86-1	342	475	400	406	16.48	cps
Strontium	88-1	242	117	83	147	56.70	cps
Sulfur	34-1	311811	313452	313707	312990	0.33	cps
Terbium	159-1	8034322	7569504	8066435	7890087	3.52	cps
Terbium	159-2	1558284	1560187	1587755	1568742	1.05	cps
Thallium	203-1	750	742	633	708	9.19	cps
Thallium	205-1	1925	1625	1775	1775	8.45	cps
Tin	118-1	1275	1258	1217	1250	2.40	cps
Titanium	47-1	133	158	117	136	15.41	cps
Uranium	238-1	67	117	100	94	26.96	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	6600142	6250263	6620147	6490184	3.21	cps
Yttrium	89-2	197878	198641	199128	198549	0.32	cps
Zinc	66-2	97	57	77	77	26.09	cps
Zirconium	90-1	492	483	433	469	6.72	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	83	92	15.74	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42849	42632	43267	42916	0.75	cps
Antimony	121-1	3430576	3376724	3417933	3408411	0.83	cps
Arsenic	75-2	35449	36041	34994	35495	1.48	cps
Barium	135-1	3613080	3583750	3629113	3608648	0.64	cps
Barium	137-1	6151713	6205145	6226210	6194356	0.62	cps
Beryllium	9-1	453369	447748	451377	450831	0.63	cps
Bismuth	209-1	5100178	4981976	5053332	5045162	1.18	cps
Bismuth	209-2	1292764	1232944	1305450	1277053	3.03	cps
Boron	10-1	49403	49812	50256	49824	0.86	cps
Boron	11-1	228932	230626	235686	231748	1.52	cps
Cadmium	111-1	702569	702331	704439	703113	0.16	cps
Cadmium	106-1	73786	74992	73534	74104	1.05	cps
Cadmium	108-1	51117	49231	51507	50618	2.40	cps
Calcium	43-1	723375	719974	726068	723139	0.42	cps
Calcium	44-1	11713802	11777134	11765800	11752245	0.29	cps
Chromium	52-2	278859	281048	283047	280985	0.75	cps
Cobalt	59-2	606669	610146	611217	609344	0.39	cps
Copper	63-2	1045504	1050450	1058778	1051578	0.64	cps
Dysprosium	156-1	58	8	17	28	96.44	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	7853559	7773621	7926933	7851371	0.98	cps
Holmium	165-2	1647888	1549197	1640487	1612524	3.41	cps
Indium	115-1	6300835	6316237	6368225	6328432	0.56	cps
Indium	115-2	258621	246940	265116	256892	3.59	cps
Iron	56-2	9476336	9453549	9509634	9479840	0.30	cps
Iron	57-2	239553	241071	240675	240433	0.33	cps
Lead	206-1	2150841	2137141	2175006	2154330	0.89	cps
Lead	207-1	1950902	1929219	1950694	1943605	0.64	cps
Lead	208-1	8655863	8634986	8777402	8689417	0.89	cps
Lithium	6-1	1289407	1283962	1273105	1282158	0.65	cps
Magnesium	24-2	1002103	1028797	1009859	1013586	1.35	cps
Manganese	55-2	161055	162172	162145	161791	0.39	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5721860	5697191	5729848	5716300	0.30	cps
Molybdenum	95-1	7116981	6972217	7150834	7080011	1.34	cps
Molybdenum	96-1	7850540	7702102	7792845	7781829	0.96	cps
Molybdenum	97-1	4421605	4370818	4432436	4408286	0.75	cps
Molybdenum	98-1	11243043	11192649	11336793	11257495	0.65	cps
Neodymium	150-1	147	133	207	162	24.08	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	176732	177765	178041	177513	0.39	cps
Phosphorus	31-2	2675	3042	2817	2845	6.50	cps
Potassium	39-2	281442	284605	285226	283758	0.72	cps
Rhodium	103-1	5773953	5722660	5796181	5764265	0.65	cps
Rhodium	103-2	1476330	1403021	1474132	1451161	2.87	cps
Scandium	45-1	3670319	3696516	3660076	3675637	0.51	cps
Scandium	45-2	27744	25704	27577	27008	4.19	cps
Selenium	77-2	210	287	210	236	18.79	cps
Selenium	78-2	859	794	817	823	4.00	cps
Selenium	82-1	43461	43825	43779	43688	0.45	cps
Silicon	28-1	1666795	1692006	1668388	1675730	0.84	cps
Silver	109-1	3373000	3402907	3398616	3391508	0.48	cps
Silver	107-1	3503496	3504536	3503085	3503706	0.02	cps
Sodium	23-2	2417600	2420754	2393077	2410477	0.63	cps
Strontium	86-1	903293	898060	905864	902406	0.44	cps
Strontium	88-1	7867199	7782037	7785942	7811726	0.62	cps
Sulfur	34-1	523819	520588	518960	521122	0.47	cps
Terbium	159-1	8189251	8256408	8146879	8197513	0.67	cps
Terbium	159-2	1584911	1492519	1612708	1563379	4.02	cps
Thallium	203-1	2638137	2599766	2648481	2628795	0.98	cps
Thallium	205-1	6098503	6079148	6186249	6121300	0.93	cps
Tin	118-1	2343405	2368659	2400632	2370899	1.21	cps
Titanium	47-1	1879728	1895199	1879250	1884726	0.48	cps
Uranium	238-1	8216128	8097775	8245376	8186426	0.95	cps
Vanadium	51-2	212540	215505	214070	214038	0.69	cps
Yttrium	89-1	6671234	6635289	6616013	6640845	0.42	cps
Yttrium	89-2	195403	186276	196386	192689	2.89	cps
Zinc	66-2	93881	94519	93875	94092	0.39	cps
Zirconium	90-1	4860315	4812035	4803972	4825441	0.63	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1059368	1057465	1064773	1060535	0.36	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	2475	2450	2584	2503	2.83	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	92	67	42	67	37.50	cps
Barium	137-1	92	67	108	89	23.59	cps
Beryllium	9-1	422	433	283	380	22.02	cps
Bismuth	209-1	4997242	5005498	5043914	5015551	0.50	cps
Bismuth	209-2	1307584	1308874	1316887	1311115	0.38	cps
Boron	10-1	2450	2059	1859	2122	14.18	cps
Boron	11-1	10254	9370	8019	9214	12.21	cps
Cadmium	111-1	854	847	855	852	0.54	cps
Cadmium	106-1	1167	1158	1167	1164	0.41	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	625	583	692	633	8.63	cps
Calcium	44-1	11822	11288	10963	11358	3.82	cps
Chromium	52-2	267	313	223	268	16.81	cps
Cobalt	59-2	63	47	53	54	15.40	cps
Copper	63-2	227	210	167	201	15.40	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	17	42	39	53.93	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7620928	7613505	7717593	7650675	0.76	cps
Holmium	165-2	1622577	1650874	1627375	1633609	0.93	cps
Indium	115-1	6346365	6383164	6379579	6369702	0.32	cps
Indium	115-2	262821	263607	263386	263272	0.15	cps
Iron	56-2	1567	1339	1217	1374	12.93	cps
Iron	57-2	39	39	33	37	8.67	cps
Lead	206-1	478	572	561	537	9.61	cps
Lead	207-1	478	622	617	572	14.30	cps
Lead	208-1	2384	2461	2400	2415	1.70	cps
Lithium	6-1	1252338	1249346	1271777	1257820	0.97	cps
Magnesium	24-2	333	283	300	306	8.33	cps
Manganese	55-2	27	23	20	23	14.29	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	633	525	561	11.15	cps
Molybdenum	95-1	783	642	667	697	10.84	cps
Molybdenum	96-1	1025	717	775	839	19.53	cps
Molybdenum	97-1	492	417	442	450	8.49	cps
Molybdenum	98-1	1242	1350	933	1175	18.40	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	190	183	210	19.31	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2075	2017	1775	1956	8.13	cps
Rhodium	103-1	5872826	5856175	5880352	5869784	0.21	cps
Rhodium	103-2	1509985	1539456	1538293	1529244	1.09	cps
Scandium	45-1	3586558	3612362	3638516	3612479	0.72	cps
Scandium	45-2	26853	27377	27350	27193	1.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	46	-76	-58	-29	-226.51	cps
Silicon	28-1	349123	350420	348484	349342	0.28	cps
Silver	109-1	133	233	125	164	36.78	cps
Silver	107-1	217	192	242	217	11.54	cps
Sodium	23-2	6052	5743	5976	5924	2.72	cps
Strontium	86-1	442	408	408	419	4.59	cps
Strontium	88-1	200	233	142	192	24.21	cps
Sulfur	34-1	304405	301562	304746	303571	0.58	cps
Terbium	159-1	7961303	8003535	7991229	7985356	0.27	cps
Terbium	159-2	1545029	1549330	1546621	1546993	0.14	cps
Thallium	203-1	750	983	767	833	15.62	cps
Thallium	205-1	2025	1750	1767	1847	8.35	cps
Tin	118-1	1383	1192	1208	1261	8.42	cps
Titanium	47-1	175	108	183	156	26.43	cps
Uranium	238-1	217	117	150	161	31.61	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	6573844	6587888	6680765	6614166	0.88	cps
Yttrium	89-2	195978	196637	195116	195910	0.39	cps
Zinc	66-2	40	53	67	53	25.00	cps
Zirconium	90-1	433	492	417	447	8.81	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	133	111	18.88	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42632	42080	41796	42169	1.01	cps
Antimony	121-1	3419182	3371265	3394731	3395059	0.71	cps
Arsenic	75-2	35406	34835	34914	35052	0.88	cps
Barium	135-1	3625347	3594446	3629941	3616578	0.53	cps
Barium	137-1	6186874	6136446	6179135	6167485	0.44	cps
Beryllium	9-1	445353	446268	448481	446700	0.36	cps
Bismuth	209-1	4993789	5011032	4682727	4895849	3.77	cps
Bismuth	209-2	1297642	1294895	1305877	1299471	0.44	cps
Boron	10-1	48826	50356	50958	50047	2.20	cps
Boron	11-1	226002	230143	238060	231402	2.65	cps
Cadmium	111-1	702529	695483	704297	700770	0.67	cps
Cadmium	106-1	73257	72236	73970	73154	1.19	cps
Cadmium	108-1	49926	50428	49875	50076	0.61	cps
Calcium	43-1	715029	715199	718980	716403	0.31	cps
Calcium	44-1	11589485	11721797	11694618	11668633	0.60	cps
Chromium	52-2	280861	277399	280521	279594	0.68	cps
Cobalt	59-2	609279	606384	611171	608945	0.40	cps
Copper	63-2	1053931	1048669	1055925	1052842	0.36	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	7760448	7827594	7221812	7603285	4.37	cps
Holmium	165-2	1643602	1669089	1680408	1664366	1.13	cps
Indium	115-1	6256299	6246922	5862335	6121852	3.67	cps
Indium	115-2	259287	260823	262121	260744	0.54	cps
Iron	56-2	9487942	9482158	9434521	9468207	0.31	cps
Iron	57-2	238062	238563	241281	239302	0.72	cps
Lead	206-1	2135927	2131658	2118695	2128760	0.42	cps
Lead	207-1	1958271	1936195	1952433	1948966	0.59	cps
Lead	208-1	8661396	8637638	8611427	8636820	0.29	cps
Lithium	6-1	1263210	1259945	1189844	1237666	3.35	cps
Magnesium	24-2	1010140	1005671	1007741	1007851	0.22	cps
Manganese	55-2	162415	160674	160590	161226	0.64	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5689989	5692800	5679686	5687492	0.12	cps
Molybdenum	95-1	7021048	6993497	7080842	7031796	0.64	cps
Molybdenum	96-1	7801545	7694139	7776154	7757279	0.72	cps
Molybdenum	97-1	4352417	4392559	4384499	4376492	0.49	cps
Molybdenum	98-1	11245247	11148741	11312265	11235418	0.73	cps
Neodymium	150-1	173	133	140	149	14.39	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	175793	176276	176540	176203	0.21	cps
Phosphorus	31-2	2800	2525	2634	2653	5.22	cps
Potassium	39-2	286153	282259	284078	284164	0.69	cps
Rhodium	103-1	5761632	5682194	5381915	5608580	3.57	cps
Rhodium	103-2	1485249	1482334	1474394	1480659	0.38	cps
Scandium	45-1	3613947	3579016	3397791	3530252	3.29	cps
Scandium	45-2	27347	26996	27313	27219	0.71	cps
Selenium	77-2	267	217	250	244	10.42	cps
Selenium	78-2	819	830	794	814	2.21	cps
Selenium	82-1	43453	43830	44283	43855	0.95	cps
Silicon	28-1	1676364	1680599	1666116	1674360	0.44	cps
Silver	109-1	3363883	3334718	3371919	3356840	0.58	cps
Silver	107-1	3513674	3526915	3472153	3504247	0.82	cps
Sodium	23-2	2414549	2384282	2402377	2400403	0.63	cps
Strontium	86-1	905230	905639	906071	905647	0.05	cps
Strontium	88-1	7840156	7847478	7837504	7841712	0.07	cps
Sulfur	34-1	510805	512431	513096	512111	0.23	cps
Terbium	159-1	8110628	8024333	7604828	7913263	3.42	cps
Terbium	159-2	1614917	1590948	1575361	1593742	1.25	cps
Thallium	203-1	2591555	2653137	2600924	2615206	1.27	cps
Thallium	205-1	6055001	6132807	6045118	6077642	0.79	cps
Tin	118-1	2339728	2360128	2337640	2345832	0.53	cps
Titanium	47-1	1876171	1867839	1865647	1869885	0.30	cps
Uranium	238-1	8045365	8125530	8120392	8097096	0.55	cps
Vanadium	51-2	213572	212864	213984	213473	0.27	cps
Yttrium	89-1	6605598	6624153	6128735	6452829	4.35	cps
Yttrium	89-2	199586	199470	198125	199060	0.41	cps
Zinc	66-2	93657	93187	93902	93582	0.39	cps
Zirconium	90-1	4850362	4759858	4779195	4796472	0.99	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1059682	1053285	1059956	1057641	0.36	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216426	218525	214792	216581	0.86	cps
Antimony	121-1	3262757	3291344	3329770	3294624	1.02	cps
Arsenic	75-2	35184	35793	35156	35377	1.02	cps
Barium	135-1	3526088	3562538	3567950	3552192	0.64	cps
Barium	137-1	6014673	6067431	6010424	6030843	0.53	cps
Beryllium	9-1	442390	443048	446817	444085	0.54	cps
Bismuth	209-1	4837845	4809987	4812521	4820118	0.32	cps
Bismuth	209-2	1294987	1206376	1285624	1262329	3.86	cps
Boron	10-1	51075	51460	51510	51348	0.46	cps
Boron	11-1	229710	232910	240874	234498	2.45	cps
Cadmium	111-1	662291	666113	664831	664412	0.29	cps
Cadmium	106-1	71272	70794	69622	70563	1.20	cps
Cadmium	108-1	47442	48186	48215	47948	0.91	cps
Calcium	43-1	3564847	3596884	3559725	3573819	0.56	cps
Calcium	44-1	56967655	56964705	57322010	57084790	0.36	cps
Chromium	52-2	287607	291247	288554	289136	0.65	cps
Cobalt	59-2	606618	609482	606155	607418	0.30	cps
Copper	63-2	1212511	1211727	1198200	1207479	0.67	cps
Dysprosium	156-1	83	83	42	69	34.64	cps
Dysprosium	156-2	10	23	3	12	83.33	cps
Erbium	164-1	58	42	17	39	53.93	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	7778588	7816986	7781283	7792286	0.28	cps
Holmium	165-2	1714280	1620013	1706684	1680326	3.12	cps
Indium	115-1	6268879	6182996	6228391	6226755	0.69	cps
Indium	115-2	265076	248280	265811	259722	3.82	cps
Iron	56-2	46959577	47285105	46492407	46912363	0.85	cps
Iron	57-2	1181517	1192294	1178314	1184042	0.62	cps
Lead	206-1	2017567	2041169	2015749	2024828	0.70	cps
Lead	207-1	1873906	1862104	1852681	1862897	0.57	cps
Lead	208-1	8245114	8266929	8203167	8238403	0.39	cps
Lithium	6-1	1237812	1237807	1254565	1243395	0.78	cps
Magnesium	24-2	5156202	5176520	5136678	5156467	0.39	cps
Manganese	55-2	163851	164526	164277	164218	0.21	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5621585	5587620	5575523	5594910	0.43	cps
Molybdenum	95-1	6980060	6927538	6934762	6947453	0.41	cps
Molybdenum	96-1	7743360	7628326	7623878	7665188	0.88	cps
Molybdenum	97-1	4324233	4271037	4320834	4305368	0.69	cps
Molybdenum	98-1	11081035	11170622	11089430	11113696	0.45	cps
Neodymium	150-1	153	167	193	171	11.90	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	175686	176746	177083	176505	0.41	cps
Phosphorus	31-2	2975	2892	3134	3000	4.09	cps
Potassium	39-2	1448147	1450546	1430784	1443159	0.75	cps
Rhodium	103-1	5663955	5629808	5610251	5634671	0.48	cps
Rhodium	103-2	1478960	1415429	1480121	1458170	2.54	cps
Scandium	45-1	3690312	3684474	3713542	3696110	0.42	cps
Scandium	45-2	28442	26599	28649	27897	4.05	cps
Selenium	77-2	197	223	213	211	6.38	cps
Selenium	78-2	806	800	839	815	2.58	cps
Selenium	82-1	42208	42031	42352	42197	0.38	cps
Silicon	28-1	1667335	1666795	1676351	1670160	0.32	cps
Silver	109-1	3174418	3179320	3188110	3180616	0.22	cps
Silver	107-1	3324347	3297410	3332575	3318110	0.55	cps
Sodium	23-2	12060381	12010593	11952180	12007718	0.45	cps
Strontium	86-1	912921	908410	911210	910847	0.25	cps
Strontium	88-1	7915343	7851452	7898066	7888287	0.42	cps
Sulfur	34-1	522334	526344	526161	524947	0.43	cps
Terbium	159-1	8062103	8197721	8072222	8110682	0.93	cps
Terbium	159-2	1656541	1537126	1636893	1610187	3.98	cps
Thallium	203-1	2509114	2515020	2514504	2512879	0.13	cps
Thallium	205-1	5813118	5906252	5889769	5869713	0.85	cps
Tin	118-1	2269642	2310864	2303156	2294554	0.96	cps
Titanium	47-1	1851804	1833979	1866679	1850821	0.88	cps
Uranium	238-1	7875729	7859588	7858909	7864742	0.12	cps
Vanadium	51-2	219397	220385	218486	219423	0.43	cps
Yttrium	89-1	6692581	6632838	6631166	6652195	0.53	cps
Yttrium	89-2	203925	190713	203836	199492	3.81	cps
Zinc	66-2	107173	108981	107566	107907	0.88	cps
Zirconium	90-1	4788839	4767786	4816259	4790961	0.51	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1051311	1033606	1045333	1043416	0.86	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	458	408	375	414	10.14	cps
Arsenic	75-2	0	4	9	4	107.89	cps
Barium	135-1	75	8	25	36	96.08	cps
Barium	137-1	108	83	75	89	19.52	cps
Beryllium	9-1	222	256	289	256	13.04	cps
Bismuth	209-1	5006637	5077121	5067168	5050309	0.76	cps
Bismuth	209-2	1343828	1342175	1340779	1342261	0.11	cps
Boron	10-1	692	650	633	658	4.56	cps
Boron	11-1	3284	3050	3151	3162	3.70	cps
Cadmium	111-1	748	714	780	748	4.40	cps
Cadmium	106-1	1042	1008	1108	1053	4.84	cps
Cadmium	108-1	8	0	42	17	132.30	cps
Calcium	43-1	567	442	575	528	14.15	cps
Calcium	44-1	10638	10855	10738	10743	1.01	cps
Chromium	52-2	203	303	203	237	24.39	cps
Cobalt	59-2	57	50	67	58	14.52	cps
Copper	63-2	110	127	153	130	16.82	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	0	42	58	33	90.14	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	7719549	7746373	7762404	7742776	0.28	cps
Holmium	165-2	1709293	1704593	1679759	1697882	0.93	cps
Indium	115-1	6484769	6419541	6464243	6456185	0.52	cps
Indium	115-2	273706	274078	271898	273227	0.43	cps
Iron	56-2	1406	1372	1395	1391	1.22	cps
Iron	57-2	33	17	72	41	69.97	cps
Lead	206-1	400	378	356	378	5.88	cps
Lead	207-1	411	322	433	389	15.12	cps
Lead	208-1	1756	1611	1683	1683	4.29	cps
Lithium	6-1	1298195	1297675	1317162	1304344	0.85	cps
Magnesium	24-2	267	225	292	261	12.90	cps
Manganese	55-2	23	13	20	19	26.96	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	175	108	158	27.85	cps
Molybdenum	95-1	92	75	67	78	16.37	cps
Molybdenum	96-1	133	125	125	128	3.76	cps
Molybdenum	97-1	83	42	92	72	37.09	cps
Molybdenum	98-1	217	133	117	156	34.44	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	190	207	211	11.20	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1925	2517	2050	2164	14.41	cps
Rhodium	103-1	6078696	6006247	6067107	6050683	0.64	cps
Rhodium	103-2	1594870	1588236	1592380	1591828	0.21	cps
Scandium	45-1	3739278	3751337	3743616	3744744	0.16	cps
Scandium	45-2	28843	28800	28706	28783	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-3	15	-42	-10	-297.81	cps
Silicon	28-1	344870	345845	345154	345289	0.15	cps
Silver	109-1	133	92	133	119	20.14	cps
Silver	107-1	125	117	133	125	6.67	cps
Sodium	23-2	5893	5893	6418	6068	5.00	cps
Strontium	86-1	375	517	367	419	20.10	cps
Strontium	88-1	142	192	117	150	25.46	cps
Sulfur	34-1	335821	331496	334373	333897	0.66	cps
Terbium	159-1	7986272	8132989	8096921	8072061	0.95	cps
Terbium	159-2	1625003	1614185	1603937	1614375	0.65	cps
Thallium	203-1	300	242	300	281	12.00	cps
Thallium	205-1	642	508	567	572	11.68	cps
Tin	118-1	733	800	842	792	6.90	cps
Titanium	47-1	117	75	142	111	30.31	cps
Uranium	238-1	58	58	33	50	28.88	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	6766776	6832480	6754016	6784424	0.62	cps
Yttrium	89-2	203793	202710	202813	203105	0.29	cps
Zinc	66-2	23	27	30	27	12.51	cps
Zirconium	90-1	467	450	375	431	11.34	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	67	108	92	24.05	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210810	212663	210471	211315	0.56	cps
Antimony	121-1	3300464	3287948	3238264	3275559	1.00	cps
Arsenic	75-2	34484	34294	34742	34507	0.65	cps
Barium	135-1	3543916	3522947	3516793	3527885	0.40	cps
Barium	137-1	5991995	5981114	5955642	5976250	0.31	cps
Beryllium	9-1	448185	446328	443914	446142	0.48	cps
Bismuth	209-1	4498878	4732503	4788965	4673449	3.29	cps
Bismuth	209-2	1254825	1255782	1259965	1256857	0.22	cps
Boron	10-1	50515	51978	53408	51967	2.78	cps
Boron	11-1	231160	239919	238372	236484	1.98	cps
Cadmium	111-1	662006	659005	659542	660184	0.24	cps
Cadmium	106-1	70644	69346	70610	70200	1.05	cps
Cadmium	108-1	47852	47279	47045	47392	0.88	cps
Calcium	43-1	3532054	3548450	3547250	3542584	0.26	cps
Calcium	44-1	57243316	57284849	56874366	57134177	0.40	cps
Chromium	52-2	279902	280612	280661	280392	0.15	cps
Cobalt	59-2	591922	588930	592061	590971	0.30	cps
Copper	63-2	1132442	1130784	1134616	1132614	0.17	cps
Dysprosium	156-1	108	50	42	67	54.49	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-1	17	75	42	44	65.84	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	7315401	7611755	7657055	7528070	2.46	cps
Holmium	165-2	1671812	1676321	1665478	1671204	0.33	cps
Indium	115-1	5873398	6121237	6163300	6052645	2.59	cps
Indium	115-2	259847	260944	258228	259673	0.53	cps
Iron	56-2	45589990	45377032	45584022	45517014	0.27	cps
Iron	57-2	1148068	1147142	1155182	1150130	0.38	cps
Lead	206-1	1992926	2005114	2002117	2000052	0.32	cps
Lead	207-1	1841816	1846914	1837973	1842234	0.24	cps
Lead	208-1	8120310	8151198	8152547	8141351	0.22	cps
Lithium	6-1	1158694	1228571	1260660	1215975	4.29	cps
Magnesium	24-2	5026982	5035981	4977991	5013652	0.62	cps
Manganese	55-2	161531	160662	160824	161006	0.29	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5592224	5572043	5541995	5568754	0.45	cps
Molybdenum	95-1	6862189	6922572	6924996	6903252	0.52	cps
Molybdenum	96-1	7597662	7629730	7580804	7602732	0.33	cps
Molybdenum	97-1	4344357	4265033	4289428	4299606	0.94	cps
Molybdenum	98-1	11116350	11009470	10989844	11038555	0.62	cps
Neodymium	150-1	167	180	193	180	7.41	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	172159	170870	170108	171046	0.61	cps
Phosphorus	31-2	2725	2800	2609	2711	3.56	cps
Potassium	39-2	1419571	1431293	1425649	1425504	0.41	cps
Rhodium	103-1	5343799	5523038	5577196	5481344	2.23	cps
Rhodium	103-2	1443916	1444487	1442494	1443632	0.07	cps
Scandium	45-1	3539330	3656778	3671453	3622520	2.00	cps
Scandium	45-2	27991	27657	27514	27721	0.88	cps
Selenium	77-2	163	240	190	198	19.68	cps
Selenium	78-2	848	819	806	824	2.65	cps
Selenium	82-1	41990	41621	42150	41920	0.65	cps
Silicon	28-1	1635472	1659570	1656099	1650380	0.79	cps
Silver	109-1	3210101	3161206	3210297	3193868	0.89	cps
Silver	107-1	3282144	3286875	3247206	3272075	0.66	cps
Sodium	23-2	11623160	11529270	11721668	11624699	0.83	cps
Strontium	86-1	898950	899361	904929	901080	0.37	cps
Strontium	88-1	7836520	7854989	7826287	7839265	0.19	cps
Sulfur	34-1	523048	525387	525470	524635	0.26	cps
Terbium	159-1	7701889	7830588	7986433	7839637	1.82	cps
Terbium	159-2	1595464	1616651	1572635	1594917	1.38	cps
Thallium	203-1	2475212	2433003	2439392	2449202	0.93	cps
Thallium	205-1	5755295	5673702	5786934	5738644	1.02	cps
Tin	118-1	2297009	2253751	2296373	2282378	1.09	cps
Titanium	47-1	1861271	1865271	1834025	1853523	0.92	cps
Uranium	238-1	7808326	7813198	7826606	7816043	0.12	cps
Vanadium	51-2	213281	214509	212655	213482	0.44	cps
Yttrium	89-1	6349996	6490304	6637954	6492751	2.22	cps
Yttrium	89-2	199656	200315	199862	199944	0.17	cps
Zinc	66-2	100538	100256	101270	100688	0.52	cps
Zirconium	90-1	4751833	4749760	4793006	4764866	0.51	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV064	Instrumnet Name :	P8
Client Sample ID :	CCV064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:43:42	DataFile Name :	050CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1039116	1033392	1031397	1034635	0.39	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	2392	2625	2534	2517	4.67	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	58	83	42	61	34.32	cps
Barium	137-1	142	83	100	108	27.73	cps
Beryllium	9-1	339	439	372	383	13.28	cps
Bismuth	209-1	4941629	5015369	4924945	4960648	0.97	cps
Bismuth	209-2	1323813	1317934	1316243	1319330	0.30	cps
Boron	10-1	1934	1508	1375	1606	18.16	cps
Boron	11-1	8253	7361	6835	7483	9.58	cps
Cadmium	111-1	902	641	808	784	16.86	cps
Cadmium	106-1	1217	900	1075	1064	14.91	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	692	642	725	686	6.11	cps
Calcium	44-1	12206	11922	11981	12036	1.24	cps
Chromium	52-2	227	220	227	224	1.71	cps
Cobalt	59-2	70	47	60	59	19.88	cps
Copper	63-2	243	183	210	212	14.16	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	58	42	17	39	53.93	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	7559879	7616820	7614037	7596912	0.42	cps
Holmium	165-2	1677329	1646366	1647526	1657074	1.06	cps
Indium	115-1	6402186	6382235	6403610	6396010	0.19	cps
Indium	115-2	270614	267058	270112	269261	0.71	cps
Iron	56-2	2317	2178	2045	2180	6.25	cps
Iron	57-2	39	72	50	54	31.61	cps
Lead	206-1	622	556	489	556	12.00	cps
Lead	207-1	556	728	528	604	17.95	cps
Lead	208-1	2495	2634	2200	2443	9.06	cps
Lithium	6-1	1270621	1300648	1289468	1286912	1.18	cps
Magnesium	24-2	325	333	383	347	9.09	cps
Manganese	55-2	23	27	30	27	12.51	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	708	642	656	7.23	cps
Molybdenum	95-1	733	692	775	733	5.68	cps
Molybdenum	96-1	817	883	767	822	7.12	cps
Molybdenum	97-1	500	467	433	467	7.14	cps
Molybdenum	98-1	1225	1183	1008	1139	10.10	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	200	197	193	197	1.70	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2042	2209	2434	2228	8.82	cps
Rhodium	103-1	5944429	5934139	5917251	5931940	0.23	cps
Rhodium	103-2	1572079	1558327	1543489	1557965	0.92	cps
Scandium	45-1	3704876	3708600	3652645	3688707	0.85	cps
Scandium	45-2	28052	28055	28165	28090	0.23	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-59	15	50	2	2454.29	cps
Silicon	28-1	347634	339001	338460	341698	1.51	cps
Silver	109-1	175	158	183	172	7.39	cps
Silver	107-1	167	183	183	178	5.41	cps
Sodium	23-2	7519	7252	7494	7422	1.99	cps
Strontium	86-1	342	383	400	375	8.01	cps
Strontium	88-1	258	150	192	200	27.32	cps
Sulfur	34-1	319044	321392	319964	320133	0.37	cps
Terbium	159-1	7988966	7904233	8026898	7973365	0.79	cps
Terbium	159-2	1562955	1561563	1606432	1576983	1.62	cps
Thallium	203-1	1025	675	758	820	22.31	cps
Thallium	205-1	1859	1984	1825	1889	4.42	cps
Tin	118-1	1125	1042	1208	1125	7.41	cps
Titanium	47-1	175	125	117	139	22.72	cps
Uranium	238-1	150	133	92	125	24.04	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	6705312	6594511	6570518	6623447	1.09	cps
Yttrium	89-2	198855	199592	198709	199052	0.24	cps
Zinc	66-2	47	57	57	53	10.82	cps
Zirconium	90-1	667	650	833	717	14.15	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB064	Instrumnet Name :	P8
Client Sample ID :	CCB064	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:46:43	DataFile Name :	051CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	92	100	111	24.11	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	683	892	1042	872	20.63	cps
Arsenic	75-2	7	0	4	4	100.05	cps
Barium	135-1	42	75	33	50	44.10	cps
Barium	137-1	67	67	83	72	13.33	cps
Beryllium	9-1	250	317	317	294	13.07	cps
Bismuth	209-1	4767152	5013160	5037193	4939168	3.03	cps
Bismuth	209-2	1318746	1317493	1323329	1319856	0.23	cps
Boron	10-1	1042	925	1000	989	5.98	cps
Boron	11-1	4401	4276	4509	4395	2.66	cps
Cadmium	111-1	770	891	851	837	7.33	cps
Cadmium	106-1	1075	1217	1192	1161	6.51	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	650	633	608	631	3.33	cps
Calcium	44-1	10646	10946	10671	10755	1.55	cps
Chromium	52-2	267	187	230	228	17.58	cps
Cobalt	59-2	57	30	40	42	31.91	cps
Copper	63-2	140	143	183	156	15.50	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	7223236	7615331	7630460	7489675	3.08	cps
Holmium	165-2	1644226	1629406	1662012	1645215	0.99	cps
Indium	115-1	6033318	6398164	6366263	6265915	3.22	cps
Indium	115-2	268540	267190	268137	267955	0.26	cps
Iron	56-2	1500	1367	1578	1482	7.21	cps
Iron	57-2	22	50	56	43	41.93	cps
Lead	206-1	450	533	528	504	9.25	cps
Lead	207-1	411	394	433	413	4.72	cps
Lead	208-1	1833	1950	2033	1939	5.18	cps
Lithium	6-1	1239020	1279257	1289595	1269291	2.11	cps
Magnesium	24-2	267	267	267	267	0.00	cps
Manganese	55-2	20	20	20	20	0.00	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	250	300	281	9.55	cps
Molybdenum	95-1	208	300	233	247	19.17	cps
Molybdenum	96-1	308	325	367	333	9.01	cps
Molybdenum	97-1	133	200	208	181	22.77	cps
Molybdenum	98-1	333	475	358	389	19.44	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	177	197	203	192	7.22	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2025	2175	2000	2067	4.58	cps
Rhodium	103-1	5535895	5914767	5862196	5770952	3.56	cps
Rhodium	103-2	1560306	1563091	1557652	1560350	0.17	cps
Scandium	45-1	3470985	3722141	3684704	3625943	3.74	cps
Scandium	45-2	28349	27511	28135	27998	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	9	4	107.89	cps
Selenium	82-1	55	19	-89	-5	-1463.06	cps
Silicon	28-1	336268	335741	334374	335461	0.29	cps
Silver	109-1	100	133	150	128	19.93	cps
Silver	107-1	175	208	167	183	12.02	cps
Sodium	23-2	6835	6193	6402	6477	5.06	cps
Strontium	86-1	433	375	483	431	12.59	cps
Strontium	88-1	100	117	108	108	7.69	cps
Sulfur	34-1	317578	323918	322820	321439	1.05	cps
Terbium	159-1	7587284	8006940	7948329	7847518	2.90	cps
Terbium	159-2	1587955	1606796	1598989	1597913	0.59	cps
Thallium	203-1	458	450	367	425	11.93	cps
Thallium	205-1	1258	983	1033	1092	13.42	cps
Tin	118-1	867	1017	767	883	14.25	cps
Titanium	47-1	125	158	58	114	44.71	cps
Uranium	238-1	42	50	58	50	16.67	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	6250623	6709882	6604178	6521561	3.69	cps
Yttrium	89-2	200090	199541	201154	200262	0.41	cps
Zinc	66-2	93	60	67	73	24.06	cps
Zirconium	90-1	358	458	408	408	12.25	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:49:52	DataFile Name :	052CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	100	142	119	17.55	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	192	233	197	17.08	cps
Antimony	121-1	25859	26886	26101	26282	2.04	cps
Arsenic	75-2	137	154	150	147	5.96	cps
Barium	135-1	27647	27338	28114	27699	1.41	cps
Barium	137-1	46826	47629	45688	46714	2.09	cps
Beryllium	9-1	1995	2111	2050	2052	2.84	cps
Bismuth	209-1	4602942	4953361	5036775	4864359	4.73	cps
Bismuth	209-2	1318864	1329937	1332213	1327004	0.54	cps
Boron	10-1	5143	5143	5368	5218	2.49	cps
Boron	11-1	24297	22903	24180	23793	3.25	cps
Cadmium	111-1	3513	3543	3735	3597	3.35	cps
Cadmium	106-1	1425	1533	1559	1506	4.71	cps
Cadmium	108-1	163	175	133	157	13.62	cps
Calcium	43-1	14291	14091	14283	14222	0.80	cps
Calcium	44-1	233571	235179	233824	234191	0.37	cps
Chromium	52-2	2787	2580	2710	2693	3.88	cps
Cobalt	59-2	2574	2474	2487	2511	2.16	cps
Copper	63-2	4284	4307	4274	4289	0.40	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	7	27	7	13	86.58	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	7013212	7699214	7749362	7487263	5.49	cps
Holmium	165-2	1684358	1676316	1663973	1674882	0.61	cps
Indium	115-1	5899719	6354234	6441821	6231925	4.67	cps
Indium	115-2	269746	269727	269070	269514	0.14	cps
Iron	56-2	177571	176631	176592	176931	0.31	cps
Iron	57-2	4323	4195	4190	4236	1.78	cps
Lead	206-1	8503	8703	8286	8498	2.45	cps
Lead	207-1	7903	7764	7664	7777	1.54	cps
Lead	208-1	35387	34808	34013	34736	1.99	cps
Lithium	6-1	1168995	1280420	1286348	1245254	5.31	cps
Magnesium	24-2	19514	20616	20499	20209	2.99	cps
Manganese	55-2	263	280	357	300	16.59	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22837	22361	21818	22339	2.28	cps
Molybdenum	95-1	26594	26994	26577	26722	0.88	cps
Molybdenum	96-1	30060	30493	29416	29990	1.81	cps
Molybdenum	97-1	16694	16619	16527	16614	0.50	cps
Molybdenum	98-1	43195	44734	42359	43429	2.77	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	963	943	873	927	5.10	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13424	12990	13265	13226	1.66	cps
Rhodium	103-1	5517831	5891054	5879857	5762914	3.68	cps
Rhodium	103-2	1550250	1549309	1535265	1544941	0.54	cps
Scandium	45-1	3364981	3666723	3649288	3560331	4.76	cps
Scandium	45-2	28169	27768	27718	27885	0.89	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	22	9	11	14	49.38	cps
Selenium	82-1	802	843	880	842	4.67	cps
Silicon	28-1	423311	422625	424849	423595	0.27	cps
Silver	109-1	12273	12815	13057	12715	3.16	cps
Silver	107-1	13991	13566	13966	13841	1.73	cps
Sodium	23-2	52824	51059	51452	51778	1.79	cps
Strontium	86-1	3951	3876	3734	3854	2.86	cps
Strontium	88-1	30176	30092	31905	30724	3.33	cps
Sulfur	34-1	323013	325034	324743	324263	0.34	cps
Terbium	159-1	7345349	8046553	8033557	7808486	5.14	cps
Terbium	159-2	1611935	1604274	1572235	1596148	1.32	cps
Thallium	203-1	10647	10813	10755	10738	0.79	cps
Thallium	205-1	24007	24424	24132	24188	0.89	cps
Tin	118-1	45779	45186	44751	45239	1.14	cps
Titanium	47-1	7169	7227	7177	7191	0.44	cps
Uranium	238-1	30062	31457	30405	30641	2.37	cps
Vanadium	51-2	4081	4367	4184	4211	3.45	cps
Yttrium	89-1	6137546	6540924	6687757	6455409	4.41	cps
Yttrium	89-2	201587	198584	199386	199852	0.78	cps
Zinc	66-2	497	487	507	497	2.01	cps
Zirconium	90-1	19457	19273	19431	19387	0.51	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106159BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:53:00	DataFile Name :	053LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4151	4134	4484	4256	4.64	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	308	400	317	342	14.84	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	25	33	42	33	25.01	cps
Beryllium	9-1	267	233	228	243	8.67	cps
Bismuth	209-1	5132199	5053413	5032566	5072726	1.04	cps
Bismuth	209-2	1315589	1319530	1324271	1319797	0.33	cps
Boron	10-1	850	875	667	797	14.27	cps
Boron	11-1	3559	3225	3326	3370	5.08	cps
Cadmium	111-1	703	743	798	748	6.35	cps
Cadmium	106-1	983	1058	1117	1053	6.35	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	633	617	633	628	1.53	cps
Calcium	44-1	10438	9779	10388	10201	3.60	cps
Chromium	52-2	220	283	270	258	12.95	cps
Cobalt	59-2	47	70	50	56	22.71	cps
Copper	63-2	110	160	133	134	18.61	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	7786848	7700116	7691335	7726099	0.68	cps
Holmium	165-2	1653569	1640297	1639905	1644590	0.47	cps
Indium	115-1	6430259	6432796	6498354	6453803	0.60	cps
Indium	115-2	266942	269304	266511	267585	0.56	cps
Iron	56-2	1267	1361	1256	1295	4.48	cps
Iron	57-2	61	56	33	50	29.40	cps
Lead	206-1	383	422	389	398	5.28	cps
Lead	207-1	344	444	378	389	13.09	cps
Lead	208-1	1467	1595	1650	1570	5.99	cps
Lithium	6-1	1291415	1282320	1289487	1287741	0.37	cps
Magnesium	24-2	250	242	217	236	7.35	cps
Manganese	55-2	10	7	3	7	50.03	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	158	217	208	22.27	cps
Molybdenum	95-1	83	42	125	83	50.00	cps
Molybdenum	96-1	83	92	142	106	29.89	cps
Molybdenum	97-1	83	83	125	97	24.74	cps
Molybdenum	98-1	117	133	100	117	14.28	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	193	203	210	202	4.15	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1892	1984	2009	1961	3.13	cps
Rhodium	103-1	5892198	5909653	5938304	5913385	0.39	cps
Rhodium	103-2	1570052	1545772	1537079	1550968	1.10	cps
Scandium	45-1	3681006	3673933	3696516	3683818	0.31	cps
Scandium	45-2	27026	27350	28021	27466	1.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	34	37	9	26	58.23	cps
Silicon	28-1	336164	335373	334193	335243	0.30	cps
Silver	109-1	108	67	167	114	44.11	cps
Silver	107-1	142	133	175	150	14.70	cps
Sodium	23-2	6193	6202	6252	6216	0.51	cps
Strontium	86-1	450	375	308	378	18.76	cps
Strontium	88-1	33	83	100	72	48.05	cps
Sulfur	34-1	324697	329252	327617	327189	0.71	cps
Terbium	159-1	8057944	8035497	8106997	8066812	0.45	cps
Terbium	159-2	1583586	1601866	1576981	1587478	0.81	cps
Thallium	203-1	258	283	267	269	4.73	cps
Thallium	205-1	675	733	633	681	7.38	cps
Tin	118-1	633	817	825	758	14.29	cps
Titanium	47-1	50	58	83	64	27.15	cps
Uranium	238-1	8	42	33	28	62.46	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	6688234	6646259	6685404	6673299	0.35	cps
Yttrium	89-2	198040	199727	197038	198268	0.69	cps
Zinc	66-2	30	53	50	44	28.39	cps
Zirconium	90-1	342	525	425	431	21.32	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:56:10	DataFile Name :	054CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	100	92	100	8.33	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	208	142	178	18.94	cps
Antimony	121-1	25108	25509	24139	24919	2.83	cps
Arsenic	75-2	167	156	172	165	5.15	cps
Barium	135-1	26310	26544	25150	26001	2.87	cps
Barium	137-1	45831	46549	45939	46106	0.84	cps
Beryllium	9-1	1861	2045	2089	1998	6.04	cps
Bismuth	209-1	4971232	5117770	5027240	5038747	1.47	cps
Bismuth	209-2	1307917	1318083	1326631	1317544	0.71	cps
Boron	10-1	4684	4926	4718	4776	2.74	cps
Boron	11-1	20081	22794	23745	22207	8.56	cps
Cadmium	111-1	3178	3503	3262	3314	5.08	cps
Cadmium	106-1	1242	1350	1400	1331	6.08	cps
Cadmium	108-1	196	204	217	206	5.10	cps
Calcium	43-1	13966	14066	13507	13846	2.15	cps
Calcium	44-1	226720	229650	227660	228010	0.66	cps
Chromium	52-2	2644	2630	2467	2580	3.81	cps
Cobalt	59-2	2514	2467	2537	2506	1.42	cps
Copper	63-2	4457	4507	4224	4396	3.44	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	75	33	44	60.28	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	33	17	67	39	65.47	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	7657762	7816236	7735918	7736639	1.02	cps
Holmium	165-2	1636136	1661607	1662541	1653428	0.91	cps
Indium	115-1	6413715	6468883	6392391	6424996	0.61	cps
Indium	115-2	267368	270081	268314	268588	0.51	cps
Iron	56-2	198441	198203	195782	197475	0.75	cps
Iron	57-2	5057	4823	5018	4966	2.52	cps
Lead	206-1	7697	8609	8359	8221	5.73	cps
Lead	207-1	7119	7608	7742	7489	4.38	cps
Lead	208-1	31928	34080	34191	33400	3.82	cps
Lithium	6-1	1282618	1328291	1288801	1299903	1.91	cps
Magnesium	24-2	20449	20148	20023	20207	1.08	cps
Manganese	55-2	370	317	380	356	9.58	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20491	20959	21042	20831	1.43	cps
Molybdenum	95-1	24990	25917	25450	25452	1.82	cps
Molybdenum	96-1	28773	29391	29366	29177	1.20	cps
Molybdenum	97-1	15576	17195	15985	16252	5.18	cps
Molybdenum	98-1	39199	42644	41649	41164	4.31	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	980	953	860	931	6.77	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	12648	12656	13082	12795	1.94	cps
Rhodium	103-1	5893662	6040435	5983235	5972444	1.24	cps
Rhodium	103-2	1566368	1543763	1554017	1554716	0.73	cps
Scandium	45-1	3679702	3742517	3668845	3697021	1.08	cps
Scandium	45-2	27541	27737	28285	27854	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	6	17	14	54.28	cps
Selenium	82-1	824	850	781	818	4.30	cps
Silicon	28-1	415920	418799	419728	418149	0.47	cps
Silver	109-1	12857	13024	13032	12971	0.76	cps
Silver	107-1	12932	13474	12957	13121	2.33	cps
Sodium	23-2	52698	51402	51853	51985	1.27	cps
Strontium	86-1	3526	3417	3726	3556	4.40	cps
Strontium	88-1	29224	29325	30159	29569	1.74	cps
Sulfur	34-1	315507	324593	324037	321379	1.58	cps
Terbium	159-1	7993826	8141631	8105337	8080265	0.95	cps
Terbium	159-2	1565908	1568349	1631156	1588471	2.33	cps
Thallium	203-1	9712	10346	9954	10004	3.20	cps
Thallium	205-1	22421	23715	23790	23308	3.30	cps
Tin	118-1	42092	43371	44224	43229	2.48	cps
Titanium	47-1	6802	7577	7094	7158	5.47	cps
Uranium	238-1	29979	29603	29453	29678	0.91	cps
Vanadium	51-2	4094	4197	4071	4121	1.64	cps
Yttrium	89-1	6654273	6717546	6567805	6646541	1.13	cps
Yttrium	89-2	198219	198756	200107	199027	0.49	cps
Zinc	66-2	460	427	480	456	5.91	cps
Zirconium	90-1	19306	18939	19114	19120	0.96	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	PB106151BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:00:35	DataFile Name :	055LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4393	4476	4351	4406	1.45	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	17	11	86.60	cps
Antimony	121-1	175	250	300	242	26.03	cps
Arsenic	75-2	1169	1076	1128	1124	4.13	cps
Barium	135-1	50	75	17	47	61.97	cps
Barium	137-1	67	125	158	117	39.77	cps
Beryllium	9-1	8475	8564	8692	8577	1.27	cps
Bismuth	209-1	5024124	4981604	4922782	4976170	1.02	cps
Bismuth	209-2	1317837	1327215	1236702	1293918	3.85	cps
Boron	10-1	575	633	642	617	5.89	cps
Boron	11-1	3192	2750	2817	2920	8.16	cps
Cadmium	111-1	21891	21630	21133	21551	1.79	cps
Cadmium	106-1	3000	3151	3042	3064	2.53	cps
Cadmium	108-1	1483	1338	1488	1436	5.95	cps
Calcium	43-1	1242	1317	1225	1261	3.87	cps
Calcium	44-1	18805	19214	18279	18766	2.50	cps
Chromium	52-2	11542	11882	12139	11854	2.53	cps
Cobalt	59-2	13740	13940	13930	13870	0.81	cps
Copper	63-2	17585	17334	17304	17408	0.88	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7662696	7669304	7512753	7614918	1.16	cps
Holmium	165-2	1682109	1660911	1544610	1629210	4.54	cps
Indium	115-1	6481862	6441001	6323419	6415427	1.28	cps
Indium	115-2	269325	271413	252502	264414	3.92	cps
Iron	56-2	136018	136910	136652	136527	0.34	cps
Iron	57-2	3439	3462	3478	3460	0.56	cps
Lead	206-1	68200	64798	65820	66273	2.63	cps
Lead	207-1	58418	57798	57849	58022	0.59	cps
Lead	208-1	267818	261785	264104	264569	1.15	cps
Lithium	6-1	1294220	1278412	1264357	1278997	1.17	cps
Magnesium	24-2	15067	15985	15517	15523	2.96	cps
Manganese	55-2	1860	1733	1974	1856	6.47	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	150	158	167	13.23	cps
Molybdenum	95-1	67	75	50	64	19.92	cps
Molybdenum	96-1	67	125	125	106	31.91	cps
Molybdenum	97-1	33	33	25	31	15.74	cps
Molybdenum	98-1	108	92	150	117	25.76	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	183	210	208	11.27	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2009	2117	1992	2039	3.33	cps
Rhodium	103-1	5943985	5947913	5830709	5907536	1.13	cps
Rhodium	103-2	1550052	1588515	1469481	1536016	3.95	cps
Scandium	45-1	3711599	3743735	3627736	3694357	1.62	cps
Scandium	45-2	28512	27841	26265	27539	4.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	0	4	-45	-14	-193.46	cps
Silicon	28-1	350087	340399	343372	344619	1.44	cps
Silver	109-1	98903	101371	98551	99609	1.54	cps
Silver	107-1	104276	104512	103588	104125	0.46	cps
Sodium	23-2	6077	5976	6185	6079	1.71	cps
Strontium	86-1	317	475	458	417	20.88	cps
Strontium	88-1	625	558	450	544	16.22	cps
Sulfur	34-1	330152	323136	325195	326161	1.11	cps
Terbium	159-1	8082438	8064388	7885396	8010741	1.36	cps
Terbium	159-2	1590226	1583300	1465648	1546391	4.53	cps
Thallium	203-1	21168	20117	20818	20701	2.59	cps
Thallium	205-1	49062	48143	49213	48806	1.19	cps
Tin	118-1	683	692	1000	792	22.80	cps
Titanium	47-1	150	117	58	108	42.83	cps
Uranium	238-1	25	58	50	44	39.04	cps
Vanadium	51-2	5088	5368	5088	5181	3.12	cps
Yttrium	89-1	6652123	6633509	6541148	6608927	0.90	cps
Yttrium	89-2	200048	201293	186260	195867	4.26	cps
Zinc	66-2	1263	1257	1200	1240	2.81	cps
Zirconium	90-1	475	483	408	456	9.02	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04	Instrumnet Name :	P8
Client Sample ID :	MX2B98	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:03:45	DataFile Name :	056SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	125	75	119	35.12	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	167	175	167	169	2.84	cps
Arsenic	75-2	1091	983	1111	1062	6.47	cps
Barium	135-1	42	75	75	64	30.12	cps
Barium	137-1	58	92	83	78	22.30	cps
Beryllium	9-1	8575	8603	8620	8599	0.26	cps
Bismuth	209-1	5056820	4978720	5058134	5031225	0.90	cps
Bismuth	209-2	1215967	1317360	1347314	1293547	5.32	cps
Boron	10-1	458	558	567	528	11.42	cps
Boron	11-1	2250	2317	2192	2253	2.78	cps
Cadmium	111-1	21863	21629	22118	21870	1.12	cps
Cadmium	106-1	2892	3159	3117	3056	4.70	cps
Cadmium	108-1	1450	1313	1258	1340	7.37	cps
Calcium	43-1	1033	1100	1117	1083	4.07	cps
Calcium	44-1	17887	17770	18713	18123	2.84	cps
Chromium	52-2	11969	11518	11618	11702	2.02	cps
Cobalt	59-2	14394	13937	14111	14147	1.63	cps
Copper	63-2	17802	17104	17438	17448	2.00	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	75	17	36	93.25	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7708453	7726484	7751590	7728842	0.28	cps
Holmium	165-2	1509967	1664946	1703270	1626061	6.29	cps
Indium	115-1	6369294	6346052	6480107	6398484	1.12	cps
Indium	115-2	248528	270131	274495	264385	5.26	cps
Iron	56-2	138054	136556	137572	137394	0.56	cps
Iron	57-2	3528	3284	3406	3406	3.59	cps
Lead	206-1	65893	65580	67060	66177	1.18	cps
Lead	207-1	58825	57280	57313	57806	1.53	cps
Lead	208-1	262648	262991	263158	262932	0.10	cps
Lithium	6-1	1296354	1289633	1305289	1297092	0.61	cps
Magnesium	24-2	16502	15259	16085	15948	3.97	cps
Manganese	55-2	1737	1873	1924	1845	5.24	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	208	225	231	11.04	cps
Molybdenum	95-1	17	33	75	42	72.11	cps
Molybdenum	96-1	92	58	67	72	24.02	cps
Molybdenum	97-1	33	58	67	53	32.88	cps
Molybdenum	98-1	33	42	25	33	25.01	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	263	203	210	226	14.58	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1884	2192	2000	2025	7.69	cps
Rhodium	103-1	5882373	5938583	5974853	5931936	0.79	cps
Rhodium	103-2	1426837	1555326	1589900	1524021	5.64	cps
Scandium	45-1	3708906	3683051	3697802	3696587	0.35	cps
Scandium	45-2	25911	27270	28599	27260	4.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	42	7	13	21	92.55	cps
Silicon	28-1	350785	348750	354464	351333	0.82	cps
Silver	109-1	98426	99499	99441	99122	0.61	cps
Silver	107-1	101280	102883	104982	103048	1.80	cps
Sodium	23-2	5760	6027	5868	5885	2.28	cps
Strontium	86-1	350	400	400	383	7.53	cps
Strontium	88-1	442	367	467	425	12.25	cps
Sulfur	34-1	326869	330669	327278	328272	0.64	cps
Terbium	159-1	8059291	8016057	8067578	8047642	0.34	cps
Terbium	159-2	1463561	1573892	1640315	1559256	5.73	cps
Thallium	203-1	20918	20192	20484	20531	1.78	cps
Thallium	205-1	48427	48477	49138	48681	0.81	cps
Tin	118-1	642	792	858	764	14.53	cps
Titanium	47-1	100	117	133	117	14.28	cps
Uranium	238-1	0	17	25	14	91.65	cps
Vanadium	51-2	5414	5204	5198	5272	2.34	cps
Yttrium	89-1	6648341	6622247	6749455	6673348	1.01	cps
Yttrium	89-2	183730	198337	203858	195308	5.32	cps
Zinc	66-2	1163	1247	1137	1182	4.85	cps
Zirconium	90-1	333	267	350	317	13.93	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-05	Instrumnet Name :	P8
Client Sample ID :	MX2B98D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:06:53	DataFile Name :	057SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	75	92	94	22.21	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	150	108	142	133	16.54	cps
Arsenic	75-2	256	217	170	214	19.91	cps
Barium	135-1	83	100	142	108	27.73	cps
Barium	137-1	242	125	133	167	39.05	cps
Beryllium	9-1	1817	1867	2172	1952	9.86	cps
Bismuth	209-1	5153221	5110514	5106817	5123517	0.50	cps
Bismuth	209-2	1345570	1273022	1158359	1258984	7.50	cps
Boron	10-1	642	658	633	644	1.98	cps
Boron	11-1	2942	3359	3334	3212	7.28	cps
Cadmium	111-1	4918	5324	5457	5233	5.36	cps
Cadmium	106-1	1684	1609	1425	1572	8.45	cps
Cadmium	108-1	242	254	238	244	3.55	cps
Calcium	43-1	725	767	692	728	5.16	cps
Calcium	44-1	12414	12314	12231	12320	0.75	cps
Chromium	52-2	2540	2394	2187	2374	7.48	cps
Cobalt	59-2	2877	2544	2380	2600	9.74	cps
Copper	63-2	3717	3447	3200	3455	7.48	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	7789630	7831278	7789837	7803582	0.31	cps
Holmium	165-2	1705916	1590046	1422957	1572973	9.04	cps
Indium	115-1	6533273	6513661	6528047	6524994	0.16	cps
Indium	115-2	277646	264331	234271	258749	8.59	cps
Iron	56-2	29626	27973	25223	27608	8.06	cps
Iron	57-2	750	656	672	693	7.28	cps
Lead	206-1	14292	14136	14092	14173	0.74	cps
Lead	207-1	11728	12590	12206	12175	3.55	cps
Lead	208-1	55738	56389	54981	55703	1.27	cps
Lithium	6-1	1307142	1322096	1330903	1320047	0.91	cps
Magnesium	24-2	3392	3451	2875	3239	9.77	cps
Manganese	55-2	423	423	313	387	16.43	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7861	7419	7377	7552	3.55	cps
Molybdenum	95-1	12590	13082	12581	12751	2.25	cps
Molybdenum	96-1	14275	14141	13691	14036	2.18	cps
Molybdenum	97-1	7944	8211	7427	7861	5.07	cps
Molybdenum	98-1	20717	20249	20525	20497	1.15	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	200	170	190	9.12	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	1917	2159	1875	1984	7.71	cps
Rhodium	103-1	5988277	6033682	6015021	6012327	0.38	cps
Rhodium	103-2	1588042	1507212	1335622	1476959	8.73	cps
Scandium	45-1	3776391	3755513	3799221	3777042	0.58	cps
Scandium	45-2	28676	27087	24068	26610	8.80	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-55	19	-19	-18	-202.46	cps
Silicon	28-1	345625	344883	345398	345302	0.11	cps
Silver	109-1	20107	20658	20016	20260	1.72	cps
Silver	107-1	21677	20366	20900	20981	3.14	cps
Sodium	23-2	5801	6293	6068	6054	4.07	cps
Strontium	86-1	308	500	383	397	24.32	cps
Strontium	88-1	217	183	283	228	22.35	cps
Sulfur	34-1	330507	335415	328156	331359	1.12	cps
Terbium	159-1	8168873	8173098	8191126	8177699	0.14	cps
Terbium	159-2	1645057	1559391	1359185	1521211	9.64	cps
Thallium	203-1	4384	4459	4459	4434	0.98	cps
Thallium	205-1	9704	10597	10622	10307	5.07	cps
Tin	118-1	3526	3617	3842	3662	4.45	cps
Titanium	47-1	2492	2584	2725	2600	4.52	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	1107	1047	897	1017	10.64	cps
Yttrium	89-1	6864233	6796856	6794017	6818369	0.58	cps
Yttrium	89-2	204774	194045	175239	191353	7.81	cps
Zinc	66-2	300	300	247	282	10.91	cps
Zirconium	90-1	450	300	292	347	25.66	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B98L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:10:01	DataFile Name :	058SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	117	108	97	27.55	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8828	8945	8903	8892	0.66	cps
Antimony	121-1	686821	690543	692913	690093	0.45	cps
Arsenic	75-2	3808	4025	3915	3916	2.77	cps
Barium	135-1	3011059	2988372	3005860	3001764	0.40	cps
Barium	137-1	5158751	5123494	5206258	5162834	0.80	cps
Beryllium	9-1	57671	58480	56567	57573	1.67	cps
Bismuth	209-1	5097585	5081760	5118630	5099325	0.36	cps
Bismuth	209-2	1331951	1337963	1343231	1337715	0.42	cps
Boron	10-1	425	467	333	408	16.70	cps
Boron	11-1	1900	1975	1967	1947	2.11	cps
Cadmium	111-1	94909	94234	94906	94683	0.41	cps
Cadmium	106-1	9320	9287	9662	9423	2.20	cps
Cadmium	108-1	6260	6543	6260	6354	2.58	cps
Calcium	43-1	1033	1125	1183	1114	6.79	cps
Calcium	44-1	19114	20407	19456	19659	3.41	cps
Chromium	52-2	132439	132065	132305	132269	0.14	cps
Cobalt	59-2	677326	677391	671696	675471	0.48	cps
Copper	63-2	301256	298402	299494	299717	0.48	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	42	17	39	53.93	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	33	42	83	53	50.76	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	7841538	7816084	7860972	7839531	0.29	cps
Holmium	165-2	1687081	1682445	1695403	1688310	0.39	cps
Indium	115-1	6499337	6483695	6506926	6496653	0.18	cps
Indium	115-2	271656	274769	274202	273542	0.61	cps
Iron	56-2	549637	545484	545012	546711	0.47	cps
Iron	57-2	14002	13785	13440	13742	2.06	cps
Lead	206-1	151825	154231	154145	153400	0.89	cps
Lead	207-1	135633	135408	135751	135598	0.13	cps
Lead	208-1	613233	614663	613551	613816	0.12	cps
Lithium	6-1	1320811	1319350	1310221	1316794	0.44	cps
Magnesium	24-2	15159	15826	16218	15734	3.40	cps
Manganese	55-2	88575	88689	87945	88403	0.45	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	283	242	258	8.53	cps
Molybdenum	95-1	200	142	225	189	22.64	cps
Molybdenum	96-1	283	183	333	267	28.64	cps
Molybdenum	97-1	125	117	125	122	3.94	cps
Molybdenum	98-1	242	183	300	242	24.14	cps
Neodymium	150-1	73	160	107	113	38.57	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	194611	192773	191327	192904	0.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2067	2300	2192	2186	5.34	cps
Rhodium	103-1	6057086	6013485	6072376	6047649	0.51	cps
Rhodium	103-2	1559976	1579157	1602953	1580695	1.36	cps
Scandium	45-1	3756723	3722976	3783072	3754257	0.80	cps
Scandium	45-2	27587	28519	28776	28294	2.21	cps
Selenium	77-2	27	60	50	46	37.54	cps
Selenium	78-2	215	141	183	180	20.70	cps
Selenium	82-1	9173	9134	9046	9118	0.72	cps
Silicon	28-1	358567	355843	356405	356938	0.40	cps
Silver	109-1	430843	428161	430444	429816	0.34	cps
Silver	107-1	453191	452149	451657	452332	0.17	cps
Sodium	23-2	6393	6518	6593	6502	1.55	cps
Strontium	86-1	458	433	383	425	8.98	cps
Strontium	88-1	1033	1142	1008	1061	6.68	cps
Sulfur	34-1	327064	323332	324505	324967	0.59	cps
Terbium	159-1	8184876	8145705	8126997	8152526	0.36	cps
Terbium	159-2	1605342	1624526	1599148	1609672	0.82	cps
Thallium	203-1	277890	281909	280588	280129	0.73	cps
Thallium	205-1	667488	669556	673544	670196	0.46	cps
Tin	118-1	967	1075	925	989	7.83	cps
Titanium	47-1	208	158	117	161	28.49	cps
Uranium	238-1	75	67	17	53	59.77	cps
Vanadium	51-2	232208	232466	233987	232887	0.41	cps
Yttrium	89-1	6779117	6798334	6709279	6762244	0.69	cps
Yttrium	89-2	204236	204939	204544	204573	0.17	cps
Zinc	66-2	52238	51536	50645	51473	1.55	cps
Zirconium	90-1	458	450	450	453	1.06	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-06	Instrumnet Name :	P8
Client Sample ID :	MX2B98S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:13:10	DataFile Name :	059SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	50	167	103	57.52	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	1067	900	1000	8.82	cps
Antimony	121-1	134437	134479	135076	134664	0.27	cps
Arsenic	75-2	1630	1683	1650	1654	1.64	cps
Barium	135-1	70547	70045	69700	70097	0.61	cps
Barium	137-1	122194	122027	123203	122474	0.52	cps
Beryllium	9-1	19781	20643	20359	20261	2.17	cps
Bismuth	209-1	4921317	4978034	4949117	4949489	0.57	cps
Bismuth	209-2	1300476	1312540	1294374	1302464	0.71	cps
Boron	10-1	467	517	567	517	9.68	cps
Boron	11-1	2442	2542	2409	2464	2.82	cps
Cadmium	111-1	18880	18732	18464	18692	1.13	cps
Cadmium	106-1	3034	2767	2775	2859	5.30	cps
Cadmium	108-1	1258	1125	1213	1199	5.65	cps
Calcium	43-1	4493	4734	4568	4598	2.69	cps
Calcium	44-1	70862	70838	72279	71326	1.16	cps
Chromium	52-2	17224	17761	17678	17555	1.65	cps
Cobalt	59-2	40659	40659	41107	40809	0.63	cps
Copper	63-2	25013	24118	24275	24468	1.95	cps
Dysprosium	156-1	650	475	633	586	16.48	cps
Dysprosium	156-2	90	120	97	102	15.41	cps
Erbium	164-1	450	342	400	397	13.65	cps
Erbium	164-2	63	50	87	67	27.84	cps
Gadolinium	160-1	558	500	483	514	7.66	cps
Gadolinium	160-2	150	167	133	150	11.11	cps
Holmium	165-1	7643078	7799216	7763785	7735360	1.06	cps
Holmium	165-2	1662731	1677487	1657248	1665822	0.63	cps
Indium	115-1	6379277	6464496	6514748	6452840	1.06	cps
Indium	115-2	271076	273410	270902	271796	0.52	cps
Iron	56-2	67731	67508	66375	67205	1.08	cps
Iron	57-2	1772	1656	1789	1739	4.18	cps
Lead	206-1	93710	93173	91981	92955	0.95	cps
Lead	207-1	81735	80823	80174	80910	0.97	cps
Lead	208-1	373320	369998	366128	369815	0.97	cps
Lithium	6-1	1301187	1322494	1329519	1317733	1.12	cps
Magnesium	24-2	2009	1900	1825	1911	4.82	cps
Manganese	55-2	2860	2800	2847	2836	1.11	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2767	2875	2634	2759	4.39	cps
Molybdenum	95-1	183	192	175	183	4.55	cps
Molybdenum	96-1	600	675	625	633	6.03	cps
Molybdenum	97-1	108	192	108	136	35.35	cps
Molybdenum	98-1	233	350	292	292	20.00	cps
Neodymium	150-1	960	940	1113	1005	9.44	cps
Neodymium	150-2	123	133	127	128	3.98	cps
Nickel	60-2	12603	12346	12279	12409	1.38	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3259	3501	3192	3317	4.89	cps
Rhodium	103-1	5867763	6113018	6004103	5994961	2.05	cps
Rhodium	103-2	1607101	1579548	1593204	1593284	0.86	cps
Scandium	45-1	3684372	3830428	3800593	3771798	2.05	cps
Scandium	45-2	29197	29100	28633	28977	1.04	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	43	39	43	41	5.17	cps
Selenium	82-1	2381	2388	2277	2349	2.65	cps
Silicon	28-1	957921	959410	946781	954704	0.72	cps
Silver	109-1	43882	42869	41816	42856	2.41	cps
Silver	107-1	44290	45085	44123	44500	1.16	cps
Sodium	23-2	9779	10179	9362	9773	4.18	cps
Strontium	86-1	4268	4151	4209	4209	1.39	cps
Strontium	88-1	32815	33083	34486	33461	2.68	cps
Sulfur	34-1	318352	317341	316709	317468	0.26	cps
Terbium	159-1	8050724	8136049	8133441	8106738	0.60	cps
Terbium	159-2	1609529	1606059	1614266	1609951	0.26	cps
Thallium	203-1	56033	57054	56912	56666	0.98	cps
Thallium	205-1	133101	132815	132015	132644	0.42	cps
Tin	118-1	1567	1617	1650	1611	2.60	cps
Titanium	47-1	1750	1842	1767	1786	2.73	cps
Uranium	238-1	683	700	750	711	4.88	cps
Vanadium	51-2	330	287	253	290	13.26	cps
Yttrium	89-1	6654827	6862084	6861734	6792882	1.76	cps
Yttrium	89-2	204981	203834	200606	203140	1.12	cps
Zinc	66-2	177	200	187	188	6.23	cps
Zirconium	90-1	7252	7394	7286	7311	1.01	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16	Instrumnet Name :	P8
Client Sample ID :	MX2C02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:16:18	DataFile Name :	060SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1767	1542	1392	1567	12.05	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	892	875	914	5.86	cps
Antimony	121-1	135406	138014	135364	136261	1.11	cps
Arsenic	75-2	1661	1550	1617	1609	3.48	cps
Barium	135-1	70857	70296	68410	69854	1.83	cps
Barium	137-1	123295	122866	123699	123287	0.34	cps
Beryllium	9-1	19185	19775	19686	19549	1.63	cps
Bismuth	209-1	4953408	5041530	4962175	4985704	0.97	cps
Bismuth	209-2	1280803	1295249	1292231	1289428	0.59	cps
Boron	10-1	550	550	492	531	6.35	cps
Boron	11-1	2200	2292	2400	2298	4.36	cps
Cadmium	111-1	18856	18678	19101	18879	1.13	cps
Cadmium	106-1	2650	2925	2884	2820	5.26	cps
Cadmium	108-1	1088	1146	958	1064	9.02	cps
Calcium	43-1	4351	4868	4318	4512	6.84	cps
Calcium	44-1	71725	71198	71767	71563	0.44	cps
Chromium	52-2	17254	17898	17475	17542	1.87	cps
Cobalt	59-2	40352	40833	40823	40669	0.68	cps
Copper	63-2	24275	24078	24251	24201	0.44	cps
Dysprosium	156-1	567	483	575	542	9.36	cps
Dysprosium	156-2	123	123	143	130	8.88	cps
Erbium	164-1	317	392	275	328	18.04	cps
Erbium	164-2	100	30	73	68	52.13	cps
Gadolinium	160-1	583	450	417	483	18.25	cps
Gadolinium	160-2	107	110	137	118	13.96	cps
Holmium	165-1	7957702	7864449	7896653	7906268	0.60	cps
Holmium	165-2	1653169	1626830	1634836	1638278	0.82	cps
Indium	115-1	6638772	6533829	6539155	6570585	0.90	cps
Indium	115-2	266982	268357	268717	268018	0.34	cps
Iron	56-2	65788	66491	66486	66255	0.61	cps
Iron	57-2	1672	1856	1589	1706	8.00	cps
Lead	206-1	93066	92032	94074	93057	1.10	cps
Lead	207-1	81461	82388	80119	81323	1.40	cps
Lead	208-1	371602	373542	370466	371870	0.42	cps
Lithium	6-1	1324507	1336466	1321276	1327417	0.60	cps
Magnesium	24-2	2117	1692	1742	1850	12.56	cps
Manganese	55-2	2984	2767	2677	2809	5.61	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2559	2859	2792	2737	5.76	cps
Molybdenum	95-1	117	108	200	142	35.78	cps
Molybdenum	96-1	617	692	692	667	6.49	cps
Molybdenum	97-1	67	75	125	89	35.50	cps
Molybdenum	98-1	300	242	258	267	11.27	cps
Neodymium	150-1	913	913	933	920	1.26	cps
Neodymium	150-2	147	100	110	119	20.67	cps
Nickel	60-2	12206	12085	12259	12183	0.73	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3209	2925	3267	3134	5.83	cps
Rhodium	103-1	6076830	6019609	6049580	6048673	0.47	cps
Rhodium	103-2	1584931	1579937	1563944	1576271	0.70	cps
Scandium	45-1	3818318	3753391	3716141	3762617	1.37	cps
Scandium	45-2	28733	28449	28235	28472	0.88	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	54	67	30	50	37.59	cps
Selenium	82-1	2344	2350	2295	2330	1.29	cps
Silicon	28-1	1030378	957247	943707	977111	4.77	cps
Silver	109-1	43914	44776	44340	44344	0.97	cps
Silver	107-1	45243	45586	45754	45528	0.57	cps
Sodium	23-2	10629	10504	10613	10582	0.64	cps
Strontium	86-1	4493	4493	4459	4481	0.43	cps
Strontium	88-1	33718	34136	33768	33874	0.67	cps
Sulfur	34-1	315075	312107	310229	312471	0.78	cps
Terbium	159-1	8290612	8249889	8111620	8217373	1.14	cps
Terbium	159-2	1586572	1570531	1584531	1580545	0.55	cps
Thallium	203-1	55848	55162	54686	55232	1.06	cps
Thallium	205-1	133033	131054	134220	132769	1.20	cps
Tin	118-1	1867	2017	1659	1847	9.75	cps
Titanium	47-1	1850	1800	1809	1820	1.47	cps
Uranium	238-1	642	542	592	592	8.45	cps
Vanadium	51-2	317	307	327	317	3.16	cps
Yttrium	89-1	6885707	6785731	6813739	6828392	0.76	cps
Yttrium	89-2	200428	201236	201743	201136	0.33	cps
Zinc	66-2	190	247	213	217	13.15	cps
Zirconium	90-1	7828	7544	7236	7536	3.93	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-17	Instrumnet Name :	P8
Client Sample ID :	MX2C02D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:19:26	DataFile Name :	061SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709	1433	1642	1595	9.00	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	133	153	22.05	cps
Antimony	121-1	27746	27329	27813	27630	0.95	cps
Arsenic	75-2	326	333	293	317	6.84	cps
Barium	135-1	13624	13583	13591	13599	0.16	cps
Barium	137-1	23889	25267	24156	24437	2.99	cps
Beryllium	9-1	4056	4023	3856	3978	2.69	cps
Bismuth	209-1	5068098	4980069	5018973	5022380	0.88	cps
Bismuth	209-2	1323147	1329578	1320808	1324511	0.34	cps
Boron	10-1	317	342	325	328	3.88	cps
Boron	11-1	1533	1617	1842	1664	9.59	cps
Cadmium	111-1	4504	4454	4301	4419	2.39	cps
Cadmium	106-1	1442	1317	1534	1431	7.60	cps
Cadmium	108-1	271	258	242	257	5.70	cps
Calcium	43-1	1300	1233	1367	1300	5.13	cps
Calcium	44-1	23070	22928	23020	23006	0.31	cps
Chromium	52-2	3531	3430	3721	3561	4.14	cps
Cobalt	59-2	8019	7859	7672	7850	2.21	cps
Copper	63-2	4958	5061	5101	5040	1.47	cps
Dysprosium	156-1	192	92	50	111	65.53	cps
Dysprosium	156-2	23	20	47	30	48.44	cps
Erbium	164-1	142	108	92	114	22.35	cps
Erbium	164-2	23	23	27	24	7.89	cps
Gadolinium	160-1	108	100	133	114	15.23	cps
Gadolinium	160-2	37	23	17	26	39.85	cps
Holmium	165-1	7929215	7698584	7828909	7818903	1.48	cps
Holmium	165-2	1670926	1685581	1653754	1670087	0.95	cps
Indium	115-1	6562049	6392358	6425494	6459967	1.39	cps
Indium	115-2	269777	271852	271784	271137	0.43	cps
Iron	56-2	13651	14430	14208	14096	2.84	cps
Iron	57-2	333	294	367	331	10.90	cps
Lead	206-1	19988	19705	19927	19873	0.75	cps
Lead	207-1	17412	16645	17012	17023	2.26	cps
Lead	208-1	80324	78241	79154	79240	1.32	cps
Lithium	6-1	1297550	1265099	1285216	1282621	1.28	cps
Magnesium	24-2	600	600	458	553	14.80	cps
Manganese	55-2	560	607	583	583	4.00	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1925	1650	1859	1811	7.92	cps
Molybdenum	95-1	1909	2159	2334	2134	10.01	cps
Molybdenum	96-1	2492	2392	2317	2400	3.66	cps
Molybdenum	97-1	1383	1242	1400	1342	6.48	cps
Molybdenum	98-1	3076	3542	3459	3359	7.41	cps
Neodymium	150-1	173	240	160	191	22.43	cps
Neodymium	150-2	33	17	37	29	37.08	cps
Nickel	60-2	2600	2487	2634	2574	2.99	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2384	2325	2192	2300	4.27	cps
Rhodium	103-1	6052580	5906952	5948058	5969197	1.26	cps
Rhodium	103-2	1579082	1585624	1594255	1586321	0.48	cps
Scandium	45-1	3705293	3666357	3616947	3662866	1.21	cps
Scandium	45-2	28342	27841	28008	28064	0.91	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	13	15	13	14	7.87	cps
Selenium	82-1	525	507	489	507	3.55	cps
Silicon	28-1	462440	469628	466417	466162	0.77	cps
Silver	109-1	8912	8953	8678	8848	1.68	cps
Silver	107-1	9487	9395	9078	9320	2.30	cps
Sodium	23-2	7210	7110	6744	7021	3.50	cps
Strontium	86-1	1175	1275	1350	1267	6.93	cps
Strontium	88-1	6277	6685	6727	6563	3.79	cps
Sulfur	34-1	311308	312724	309843	311292	0.46	cps
Terbium	159-1	8225448	8142321	8095003	8154257	0.81	cps
Terbium	159-2	1624522	1638628	1610059	1624403	0.88	cps
Thallium	203-1	11297	10972	11664	11311	3.06	cps
Thallium	205-1	27998	27238	27940	27726	1.53	cps
Tin	118-1	1950	1967	1859	1925	3.03	cps
Titanium	47-1	1050	933	992	992	5.88	cps
Uranium	238-1	150	100	133	128	19.93	cps
Vanadium	51-2	80	70	80	77	7.53	cps
Yttrium	89-1	6750495	6522592	6647776	6640288	1.72	cps
Yttrium	89-2	200146	200685	201056	200629	0.23	cps
Zinc	66-2	97	83	83	88	8.77	cps
Zirconium	90-1	2025	1600	1934	1853	12.07	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2C02L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-08 19:22:36	DataFile Name :	062SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	467	408	442	6.80	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2550	2784	2617	5.55	cps
Antimony	121-1	273489	273615	273768	273624	0.05	cps
Arsenic	75-2	2243	2152	2124	2173	2.85	cps
Barium	135-1	663254	663707	656732	661231	0.59	cps
Barium	137-1	1158686	1154149	1153255	1155364	0.25	cps
Beryllium	9-1	29347	28390	28317	28685	2.00	cps
Bismuth	209-1	5060936	5053181	5133966	5082694	0.88	cps
Bismuth	209-2	1310590	1304885	1306683	1307386	0.22	cps
Boron	10-1	450	433	417	433	3.85	cps
Boron	11-1	2259	2159	2025	2147	5.45	cps
Cadmium	111-1	33880	33088	33356	33441	1.20	cps
Cadmium	106-1	4168	3867	3976	4004	3.80	cps
Cadmium	108-1	2146	2117	2296	2186	4.40	cps
Calcium	43-1	4317	4584	4426	4443	3.02	cps
Calcium	44-1	71709	73703	72379	72597	1.40	cps
Chromium	52-2	41110	41054	40692	40952	0.55	cps
Cobalt	59-2	172935	171719	171542	172065	0.44	cps
Copper	63-2	80836	81430	80595	80954	0.53	cps
Dysprosium	156-1	492	617	492	533	13.53	cps
Dysprosium	156-2	83	97	103	94	10.78	cps
Erbium	164-1	558	417	392	456	19.73	cps
Erbium	164-2	67	63	63	64	2.99	cps
Gadolinium	160-1	542	458	400	467	15.26	cps
Gadolinium	160-2	110	113	113	112	1.72	cps
Holmium	165-1	7931748	7756622	7917640	7868670	1.24	cps
Holmium	165-2	1667946	1638797	1665646	1657463	0.98	cps
Indium	115-1	6506213	6585707	6636255	6576058	1.00	cps
Indium	115-2	270299	267523	271230	269684	0.72	cps
Iron	56-2	146157	146898	146124	146393	0.30	cps
Iron	57-2	3790	3823	3501	3704	4.79	cps
Lead	206-1	109871	109681	109210	109587	0.31	cps
Lead	207-1	97298	97774	96593	97222	0.61	cps
Lead	208-1	441864	437590	439339	439598	0.49	cps
Lithium	6-1	1320332	1298961	1313599	1310964	0.83	cps
Magnesium	24-2	1909	1784	1742	1811	4.79	cps
Manganese	55-2	20091	20105	19951	20049	0.42	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2775	2909	2734	2806	3.26	cps
Molybdenum	95-1	175	258	200	211	20.26	cps
Molybdenum	96-1	717	658	592	656	9.54	cps
Molybdenum	97-1	183	183	175	181	2.66	cps
Molybdenum	98-1	267	250	375	297	22.84	cps
Neodymium	150-1	840	927	1073	947	12.46	cps
Neodymium	150-2	110	117	110	112	3.43	cps
Nickel	60-2	51635	51679	49882	51066	2.01	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3326	3159	3367	3284	3.36	cps
Rhodium	103-1	6172630	6023733	6097161	6097841	1.22	cps
Rhodium	103-2	1583313	1551018	1585857	1573396	1.23	cps
Scandium	45-1	3799869	3787742	3810342	3799318	0.30	cps
Scandium	45-2	28562	28369	28245	28392	0.56	cps
Selenium	77-2	27	33	30	30	11.10	cps
Selenium	78-2	85	113	91	96	15.26	cps
Selenium	82-1	4112	3954	4128	4065	2.37	cps
Silicon	28-1	1025349	1023506	1021008	1023288	0.21	cps
Silver	109-1	110476	108586	109426	109496	0.87	cps
Silver	107-1	113753	113794	112743	113430	0.52	cps
Sodium	23-2	10671	10304	10980	10652	3.17	cps
Strontium	86-1	4218	4259	4226	4234	0.52	cps
Strontium	88-1	33927	33592	33308	33609	0.92	cps
Sulfur	34-1	315218	313365	316540	315041	0.51	cps
Terbium	159-1	8288618	8135133	8255686	8226479	0.98	cps
Terbium	159-2	1613667	1554424	1607902	1591998	2.05	cps
Thallium	203-1	107404	107822	106679	107302	0.54	cps
Thallium	205-1	256260	258357	254343	256320	0.78	cps
Tin	118-1	1700	1884	1734	1772	5.51	cps
Titanium	47-1	2184	1717	1567	1822	17.65	cps
Uranium	238-1	592	658	683	644	7.35	cps
Vanadium	51-2	45236	45661	45176	45358	0.58	cps
Yttrium	89-1	6871887	6767622	6836020	6825176	0.78	cps
Yttrium	89-2	201709	201257	201884	201617	0.16	cps
Zinc	66-2	10020	10427	10287	10245	2.02	cps
Zirconium	90-1	6702	7678	7077	7152	6.88	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1323-18	Instrumnet Name :	P8
Client Sample ID :	MX2C02S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:25:44	DataFile Name :	063SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1759	1675	1625	1686	4.00	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49470	48584	49537	49197	1.08	cps
Antimony	121-1	1200	1458	1258	1306	10.38	cps
Arsenic	75-2	146	172	170	163	8.88	cps
Barium	135-1	659797	659173	664708	661226	0.46	cps
Barium	137-1	1152895	1153078	1151504	1152493	0.07	cps
Beryllium	9-1	1995	1934	1745	1891	6.89	cps
Bismuth	209-1	5182161	5146070	5140396	5156209	0.44	cps
Bismuth	209-2	1327178	1291557	1322138	1313624	1.47	cps
Boron	10-1	667	500	717	628	18.07	cps
Boron	11-1	3092	3259	3059	3137	3.42	cps
Cadmium	111-1	1536	1778	1760	1691	7.95	cps
Cadmium	106-1	1100	1417	1367	1295	13.15	cps
Cadmium	108-1	96	92	79	89	9.76	cps
Calcium	43-1	748814	756125	750002	751647	0.52	cps
Calcium	44-1	12289121	12171482	12261525	12240709	0.50	cps
Chromium	52-2	9300	9106	9347	9251	1.38	cps
Cobalt	59-2	10501	9884	9784	10056	3.86	cps
Copper	63-2	22852	22599	22649	22700	0.59	cps
Dysprosium	156-1	29025	28365	30879	29423	4.43	cps
Dysprosium	156-2	6432	6298	6555	6428	2.00	cps
Erbium	164-1	24557	24858	25184	24866	1.26	cps
Erbium	164-2	4871	4598	4624	4698	3.21	cps
Gadolinium	160-1	28674	29159	28140	28657	1.78	cps
Gadolinium	160-2	7676	7989	8086	7917	2.71	cps
Holmium	165-1	7912804	8015077	7922325	7950068	0.71	cps
Holmium	165-2	1691406	1625619	1657868	1658298	1.98	cps
Indium	115-1	6552204	6536557	6526891	6538551	0.20	cps
Indium	115-2	271245	265822	270084	269050	1.06	cps
Iron	56-2	4872952	4789051	4821013	4827672	0.88	cps
Iron	57-2	123218	118282	122433	121311	2.19	cps
Lead	206-1	103351	104505	103446	103767	0.62	cps
Lead	207-1	85755	84480	86252	85496	1.07	cps
Lead	208-1	398394	400610	402205	400403	0.48	cps
Lithium	6-1	1290974	1290177	1295098	1292083	0.20	cps
Magnesium	24-2	147937	144595	143114	145215	1.70	cps
Manganese	55-2	75617	72892	74514	74341	1.84	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11580	12114	12256	11984	2.97	cps
Molybdenum	95-1	342	392	442	392	12.77	cps
Molybdenum	96-1	2667	2242	2509	2473	8.69	cps
Molybdenum	97-1	158	258	150	189	31.92	cps
Molybdenum	98-1	583	592	667	614	7.48	cps
Neodymium	150-1	45747	45828	45660	45745	0.18	cps
Neodymium	150-2	6155	5945	5651	5917	4.27	cps
Nickel	60-2	8586	8753	8586	8642	1.11	cps
Phosphorus	31-2	4101	3876	4126	4034	3.41	cps
Potassium	39-2	20399	19556	20482	20146	2.54	cps
Rhodium	103-1	5855453	5916891	5902219	5891521	0.54	cps
Rhodium	103-2	1534999	1511175	1517076	1521083	0.82	cps
Scandium	45-1	3730262	3771661	3776911	3759611	0.68	cps
Scandium	45-2	28012	27661	27751	27808	0.66	cps
Selenium	77-2	30	33	33	32	5.97	cps
Selenium	78-2	41	35	43	40	9.75	cps
Selenium	82-1	1498	1440	1516	1485	2.66	cps
Silicon	28-1	8304626	8396059	8297079	8332588	0.66	cps
Silver	109-1	792	1092	950	945	15.89	cps
Silver	107-1	808	1083	1008	967	14.71	cps
Sodium	23-2	28488	29256	29390	29044	1.68	cps
Strontium	86-1	233574	234694	233235	233834	0.33	cps
Strontium	88-1	2057829	2069677	2052150	2059885	0.43	cps
Sulfur	34-1	303484	303527	306678	304563	0.60	cps
Terbium	159-1	8374817	8442738	8285558	8367704	0.94	cps
Terbium	159-2	1617376	1597478	1617008	1610621	0.71	cps
Thallium	203-1	1392	1575	1567	1511	6.85	cps
Thallium	205-1	3134	3442	3409	3328	5.09	cps
Tin	118-1	2975	2909	3092	2992	3.10	cps
Titanium	47-1	22836	21517	20925	21759	4.50	cps
Uranium	238-1	523117	518004	518693	519938	0.53	cps
Vanadium	51-2	7902	7889	8012	7935	0.85	cps
Yttrium	89-1	7175658	7207655	7149293	7177535	0.41	cps
Yttrium	89-2	211710	206930	211146	209928	1.24	cps
Zinc	66-2	6895	6758	6868	6841	1.06	cps
Zirconium	90-1	32983	38655	32205	34615	10.17	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	J1318-08ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6C64A	Dilution Factor :	2
Date & Time Acquired ::	2018-02-08 19:28:53	DataFile Name :	064SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7119	7044	7002	7055	0.84	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203489	201586	203152	202742	0.50	cps
Antimony	121-1	3223008	3190728	3237333	3217023	0.74	cps
Arsenic	75-2	33700	32854	33297	33284	1.27	cps
Barium	135-1	3471196	3445740	3430502	3449146	0.60	cps
Barium	137-1	5965995	5871297	5909990	5915761	0.80	cps
Beryllium	9-1	420116	418339	419794	419416	0.23	cps
Bismuth	209-1	4815626	4797115	4752281	4788341	0.68	cps
Bismuth	209-2	1239614	1246248	1200597	1228820	2.01	cps
Boron	10-1	48625	49904	49152	49227	1.31	cps
Boron	11-1	220334	224081	228432	224282	1.81	cps
Cadmium	111-1	650991	649040	655067	651699	0.47	cps
Cadmium	106-1	67335	68994	69831	68720	1.85	cps
Cadmium	108-1	47082	47011	45865	46653	1.46	cps
Calcium	43-1	3516329	3464058	3432306	3470897	1.22	cps
Calcium	44-1	55649853	55797299	55495305	55647486	0.27	cps
Chromium	52-2	268312	268492	269690	268831	0.28	cps
Cobalt	59-2	569229	572401	570537	570722	0.28	cps
Copper	63-2	1030696	1031089	1031963	1031249	0.06	cps
Dysprosium	156-1	50	92	67	69	30.20	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	100	58	50	69	38.57	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	7730581	7556477	7661653	7649570	1.15	cps
Holmium	165-2	1640355	1630581	1558432	1609789	2.78	cps
Indium	115-1	6121660	6055847	6057890	6078466	0.62	cps
Indium	115-2	252527	254642	246318	251162	1.72	cps
Iron	56-2	45344886	45652061	45517666	45504871	0.34	cps
Iron	57-2	1154871	1152595	1154770	1154079	0.11	cps
Lead	206-1	1989923	2017355	2004973	2004084	0.69	cps
Lead	207-1	1864702	1822149	1829192	1838681	1.24	cps
Lead	208-1	8274736	8171004	8158726	8201488	0.78	cps
Lithium	6-1	1212945	1209077	1218890	1213637	0.41	cps
Magnesium	24-2	4813547	4828209	4761582	4801113	0.73	cps
Manganese	55-2	155801	154686	154348	154945	0.49	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5486938	5470159	5514088	5490395	0.40	cps
Molybdenum	95-1	6685181	6714018	6761455	6720218	0.57	cps
Molybdenum	96-1	7490571	7441086	7555128	7495595	0.76	cps
Molybdenum	97-1	4213483	4215676	4244644	4224601	0.41	cps
Molybdenum	98-1	10834677	10717068	10774303	10775349	0.55	cps
Neodymium	150-1	207	220	167	198	14.04	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	165658	165911	166262	165944	0.18	cps
Phosphorus	31-2	2742	2734	2592	2689	3.14	cps
Potassium	39-2	1357938	1347602	1356756	1354099	0.42	cps
Rhodium	103-1	5507223	5475210	5407380	5463271	0.93	cps
Rhodium	103-2	1409609	1421292	1367800	1399567	2.01	cps
Scandium	45-1	3573835	3532376	3577073	3561095	0.70	cps
Scandium	45-2	26465	26762	25654	26294	2.18	cps
Selenium	77-2	190	200	267	219	19.04	cps
Selenium	78-2	785	820	824	810	2.65	cps
Selenium	82-1	40921	41582	41206	41236	0.80	cps
Silicon	28-1	1590727	1556381	1572668	1573259	1.09	cps
Silver	109-1	3129846	3117552	3104820	3117406	0.40	cps
Silver	107-1	3239292	3246459	3236856	3240869	0.15	cps
Sodium	23-2	10981214	11100852	11076285	11052783	0.57	cps
Strontium	86-1	887111	887320	883043	885825	0.27	cps
Strontium	88-1	7676152	7656521	7688143	7673605	0.21	cps
Sulfur	34-1	494916	497608	492257	494927	0.54	cps
Terbium	159-1	8048407	8001682	8022975	8024355	0.29	cps
Terbium	159-2	1552643	1581643	1494630	1542972	2.87	cps
Thallium	203-1	2516677	2492233	2459562	2489491	1.15	cps
Thallium	205-1	5841875	5825689	5832495	5833353	0.14	cps
Tin	118-1	2236581	2258275	2238900	2244585	0.53	cps
Titanium	47-1	1804131	1799566	1801508	1801735	0.13	cps
Uranium	238-1	7941158	7915834	7737603	7864865	1.41	cps
Vanadium	51-2	203915	204199	204898	204337	0.25	cps
Yttrium	89-1	6471962	6476260	6465543	6471255	0.08	cps
Yttrium	89-2	193459	193645	188699	191934	1.46	cps
Zinc	66-2	92425	93274	92898	92866	0.46	cps
Zirconium	90-1	4635800	4628991	4664560	4643117	0.41	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:42:31	DataFile Name :	066CCV_P8020818-MS.l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1010983	1009148	1029428	1016520	1.10	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	2842	2809	3317	2989	9.51	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	100	25	108	78	59.01	cps
Barium	137-1	100	125	125	117	12.37	cps
Beryllium	9-1	333	378	317	343	9.22	cps
Bismuth	209-1	5016264	4945269	4938071	4966535	0.87	cps
Bismuth	209-2	1315234	1305296	1303181	1307903	0.49	cps
Boron	10-1	1600	1608	1467	1558	5.10	cps
Boron	11-1	8019	7327	6744	7363	8.67	cps
Cadmium	111-1	815	825	765	802	4.06	cps
Cadmium	106-1	1050	1117	1025	1064	4.45	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	625	617	592	611	2.84	cps
Calcium	44-1	11622	11313	11305	11413	1.58	cps
Chromium	52-2	253	243	217	238	7.97	cps
Cobalt	59-2	57	20	53	43	46.79	cps
Copper	63-2	210	203	207	207	1.61	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	0	75	42	39	96.62	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	7621124	7556314	7579986	7585808	0.43	cps
Holmium	165-2	1639719	1600847	1637013	1625860	1.33	cps
Indium	115-1	6217636	6309675	6262633	6263315	0.73	cps
Indium	115-2	265396	264737	263668	264600	0.33	cps
Iron	56-2	2373	2484	2100	2319	8.51	cps
Iron	57-2	56	44	67	56	20.00	cps
Lead	206-1	756	717	661	711	6.68	cps
Lead	207-1	600	694	656	650	7.30	cps
Lead	208-1	2795	3100	2956	2950	5.18	cps
Lithium	6-1	1262253	1260306	1249209	1257256	0.56	cps
Magnesium	24-2	292	300	200	264	21.03	cps
Manganese	55-2	17	10	30	19	53.91	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	758	633	697	8.97	cps
Molybdenum	95-1	867	792	650	770	14.30	cps
Molybdenum	96-1	875	958	775	870	10.56	cps
Molybdenum	97-1	525	417	517	486	12.40	cps
Molybdenum	98-1	1042	975	1042	1020	3.78	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	160	210	191	14.21	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2050	1967	1842	1953	5.37	cps
Rhodium	103-1	5804243	5785696	5751353	5780431	0.46	cps
Rhodium	103-2	1519297	1505342	1527662	1517434	0.74	cps
Scandium	45-1	3570776	3566907	3564546	3567410	0.09	cps
Scandium	45-2	26816	26425	26515	26585	0.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-4	66	-48	5	1206.01	cps
Silicon	28-1	323614	317121	317049	319262	1.18	cps
Silver	109-1	175	250	275	233	22.30	cps
Silver	107-1	308	283	258	283	8.82	cps
Sodium	23-2	6710	7469	7127	7102	5.35	cps
Strontium	86-1	333	358	392	361	8.10	cps
Strontium	88-1	275	233	200	236	15.91	cps
Sulfur	34-1	301102	305227	304643	303657	0.74	cps
Terbium	159-1	7994677	7913371	7978060	7962036	0.54	cps
Terbium	159-2	1555059	1573648	1543267	1557325	0.98	cps
Thallium	203-1	917	1000	950	956	4.39	cps
Thallium	205-1	2425	2292	2050	2256	8.43	cps
Tin	118-1	1233	1158	1133	1175	4.43	cps
Titanium	47-1	83	125	117	108	20.35	cps
Uranium	238-1	167	125	275	189	40.99	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Yttrium	89-1	6496547	6495205	6503151	6498301	0.07	cps
Yttrium	89-2	196261	193984	196336	195527	0.68	cps
Zinc	66-2	40	47	43	43	7.70	cps
Zirconium	90-1	542	592	542	558	5.17	cps

LB Number :	LB93200	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 19:45:32	DataFile Name :	067CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	142	175	150	14.70	cps