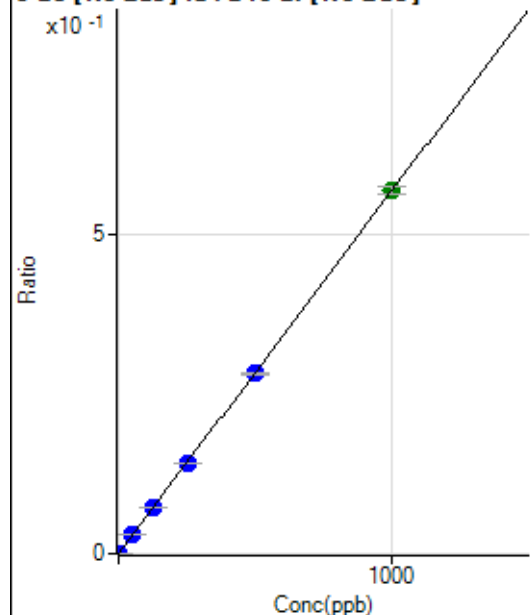


Batch Folder: D:\P8052318-MS.b\
Analysis File: P8052318-MS.batch.bin
DA Date-Time: 2018-05-24 10:59:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-23 12:30:25
2			
3	005CALS.d	S02	2018-05-23 12:37:51
4	006CALS.d	S03	2018-05-23 12:41:33
5	007CALS.d	S04	2018-05-23 12:45:14
6	008CALS.d	S05	2018-05-23 12:48:49
7	009CALS.d	S06	2018-05-23 12:52:18
8	010CALS.d	S07	2018-05-23 12:55:42
9	011CALS.d	S08	2018-05-23 12:59:02

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.04	0.0000	P	30.5
2	☐	0.100					
3	☐	1.000	0.935	1126.00	0.0006	P	11.1
4	☐	50.000	50.678	59539.82	0.0288	P	0.9
5	☐	125.000	125.957	145973.41	0.0716	P	1.0
6	☐	250.000	249.609	290058.78	0.1420	P	1.0
7	☐	500.000	497.925	580717.78	0.2832	P	1.3
8	☐	1000.000	1000.981	1174395.15	0.5693	A	2.0
9	☐			307.42	0.0002	P	9.9

$$y = 5.6869\text{E-}004 * x + 1.8600\text{E-}005$$

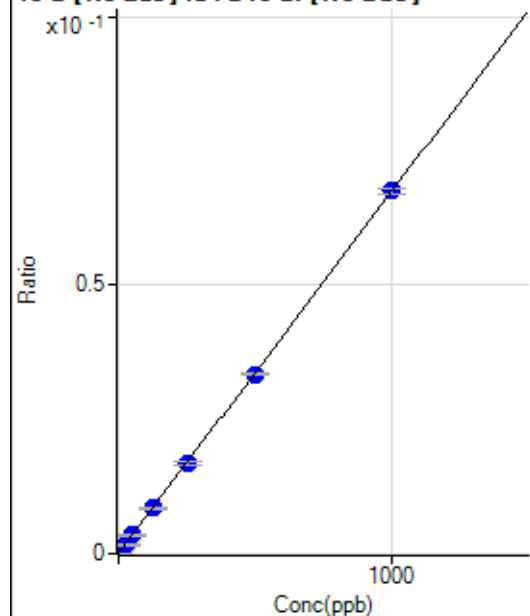
$$R = 1.0000$$

$$DL = 0.02995$$

$$BEC = 0.03271$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0001	P	42.2
2	☐	2.500					
3	☐	25.000	23.000	3308.85	0.0016	P	1.6
4	☐	50.000	50.311	7127.05	0.0035	P	4.6
5	☐	125.000	124.776	17244.34	0.0085	P	3.1
6	☐	250.000	249.338	34414.58	0.0168	P	2.8
7	☐	500.000	495.865	68572.69	0.0334	P	1.7
8	☐	1000.000	1002.296	139301.22	0.0675	P	1.3
9	☐			5945.95	0.0029	P	5.2

$$y = 6.7291\text{E-}005 * x + 6.6712\text{E-}005$$

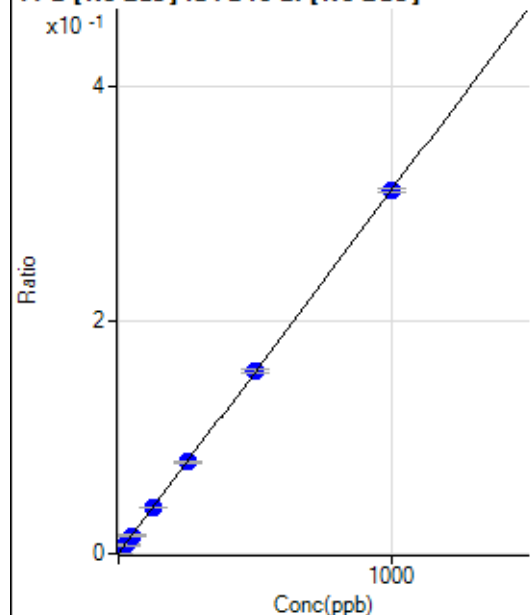
$$R = 1.0000$$

$$DL = 1.254$$

$$BEC = 0.9914$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	505.59	0.0003	P	24.5
2	☐	2.500					
3	☐	25.000	23.364	15425.50	0.0075	P	4.8
4	☐	50.000	49.319	32212.03	0.0156	P	2.0
5	☐	125.000	125.057	79808.34	0.0392	P	1.3
6	☐	250.000	251.586	160485.75	0.0785	P	1.5
7	☐	500.000	503.175	321691.71	0.1568	P	1.6
8	☐	1000.000	998.084	641418.61	0.3109	P	1.0
9	☐			26968.14	0.0133	P	9.7

$$y = 3.1121\text{E-}004 * x + 2.5391\text{E-}004$$

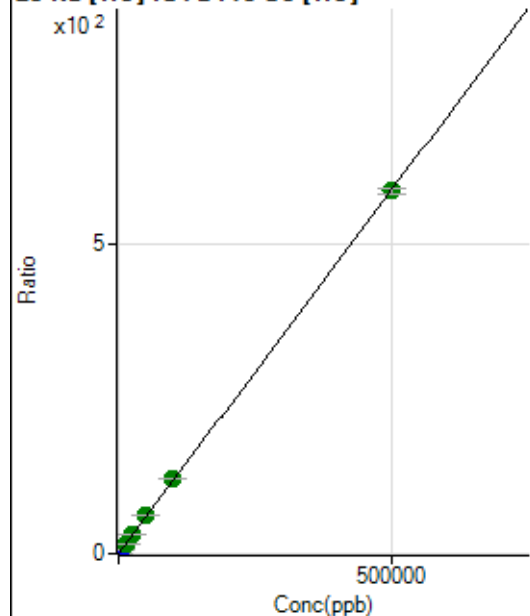
$$R = 1.0000$$

$$DL = 0.6003$$

$$BEC = 0.8159$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7941.45	0.1089	P	2.0
2	☐	50.000					
3	☐	500.000	499.796	51095.71	0.6969	P	1.5
4	☐	5000.000	5201.875	461553.40	6.2291	P	0.8
5	☐	12500.000	13286.772	1165849.11	15.7413	A	0.8
6	☐	25000.000	26696.872	2325621.49	31.5187	A	2.4
7	☐	50000.000	52901.008	4528339.12	62.3487	A	2.1
8	☐	100000.00	103384.64	8928508.79	121.7444	A	1.3
9	☐	500000.00	498926.43	43847910.36	587.1126	A	1.5

$$y = 0.0012 * x + 0.1089$$

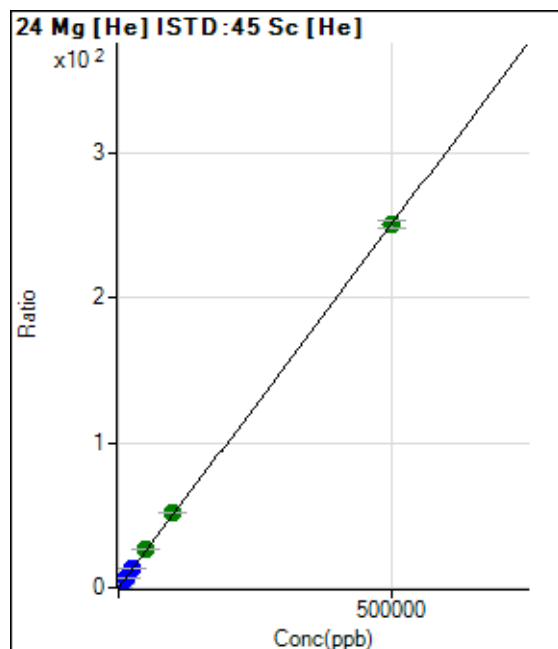
$$R = 1.0000$$

$$DL = 5.485$$

$$BEC = 92.58$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0019	P	15.3
2	☐	50.000					
3	☐	500.000	504.679	18699.07	0.2551	P	2.6
4	☐	5000.000	5181.031	192716.81	2.6010	P	1.4
5	☐	12500.000	12960.879	481691.94	6.5037	P	1.0
6	☐	25000.000	26009.666	962974.30	13.0497	P	0.9
7	☐	50000.000	53213.109	1939268.97	26.6963	A	1.1
8	☐	100000.00	102122.94	3757317.32	51.2320	A	0.3
9	☐	500000.00	499190.28	18701351.81	250.4212	A	2.0

$$y = 5.0165E-004 * x + 0.0019$$

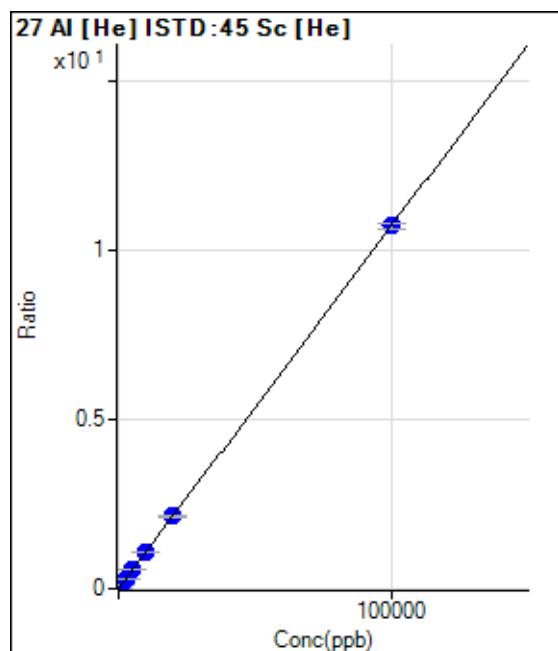
R = 1.0000

DL = 1.747

BEC = 3.798

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0003	P	21.3
2	☐	2.000					
3	☐	20.000	18.750	169.46	0.0023	P	38.5
4	☐	1000.000	1017.812	8113.77	0.1095	P	2.9
5	☐	2500.000	2543.268	20231.93	0.2732	P	0.6
6	☐	5000.000	5082.960	40266.63	0.5456	P	0.4
7	☐	10000.000	10191.306	79444.66	1.0937	P	1.4
8	☐	20000.000	19999.600	157392.71	2.1460	P	2.2
9	☐	100000.00	99975.542	801115.23	10.7266	P	1.4

$$y = 1.0729E-004 * x + 3.0463E-004$$

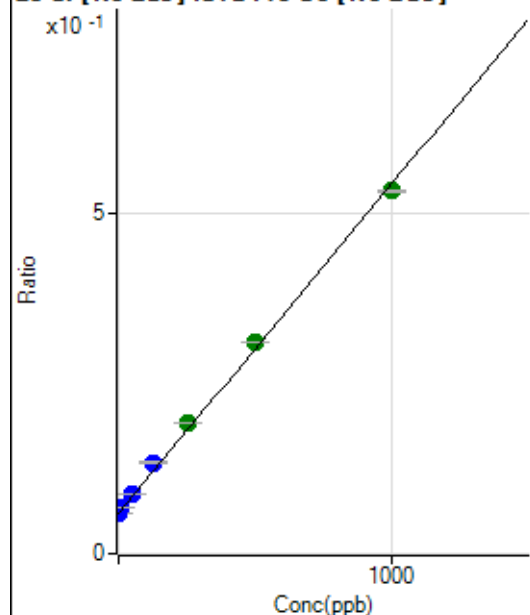
R = 1.0000

DL = 1.816

BEC = 2.839

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375828.04	0.0596	P	1.1
2	☐	1.000					
3	☐	10.000	16.208	429247.98	0.0674	P	1.9
4	☐	50.000	59.622	574825.07	0.0885	P	0.3
5	☐	125.000	154.466	876603.50	0.1345	P	1.3
6	☐	250.000	275.405	1266050.54	0.1931	A	0.2
7	☐	500.000	520.697	2063040.95	0.3121	A	0.2
8	☐	1000.000	979.074	3581239.44	0.5344	A	0.9
9	☐			585945.72	0.0870	P	1.3

$$y = 4.8496\text{E-}004 * x + 0.0596$$

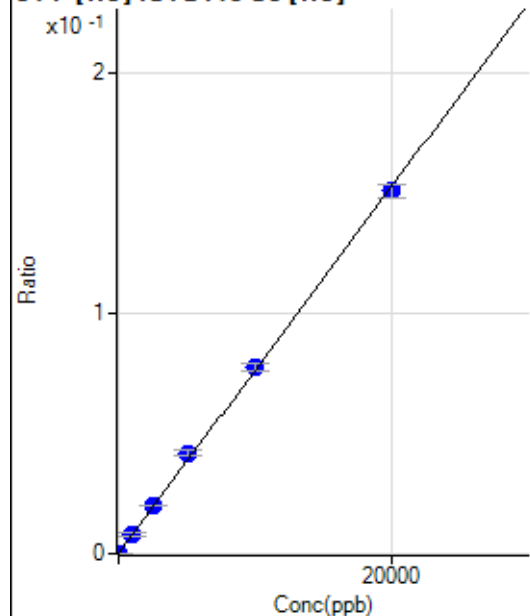
$$R = 0.9991$$

$$DL = 4.235$$

$$BEC = 122.8$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	10.019	13.89	0.0002	P	34.7
2	☐	0.000					
3	☐	0.000	-10.019	2.78	0.0000	P	173.
4	☐	1000.000	1022.917	586.15	0.0079	P	13.7
5	☐	2500.000	2635.813	1497.37	0.0202	P	1.4
6	☐	5000.000	5476.024	3089.39	0.0419	P	6.2
7	☐	10000.000	10179.177	5645.81	0.0778	P	3.9
8	☐	20000.000	19773.283	11068.73	0.1509	P	3.8
9	☐			19.44	0.0003	P	97.6

$$y = 7.6272\text{E-}006 * x + 1.1409\text{E-}004$$

$$R = 0.9996$$

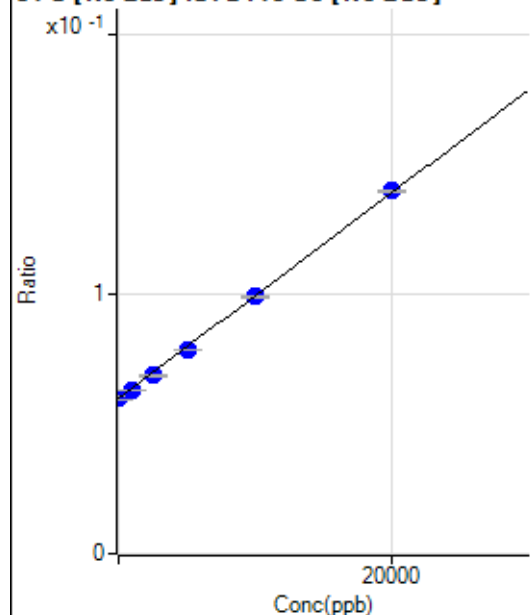
$$DL = 25.82$$

$$BEC = 14.96$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-5.235	378096.11	0.0599	P	1.4
2	☐	0.000					
3	☐	0.000	5.235	381742.97	0.0600	P	2.0
4	☐	1000.000	727.582	408151.06	0.0628	P	0.5
5	☐	2500.000	2220.741	448065.39	0.0687	P	0.7
6	☐	5000.000	4646.078	513517.56	0.0783	P	0.1
7	☐	10000.000	9922.215	655886.95	0.0992	P	0.8
8	☐	20000.000	20175.901	936962.25	0.1398	P	0.4
9	☐			361553.23	0.0537	P	1.7

$$y = 3.9587\text{E-}006 * x + 0.0599$$

$$R = 0.9998$$

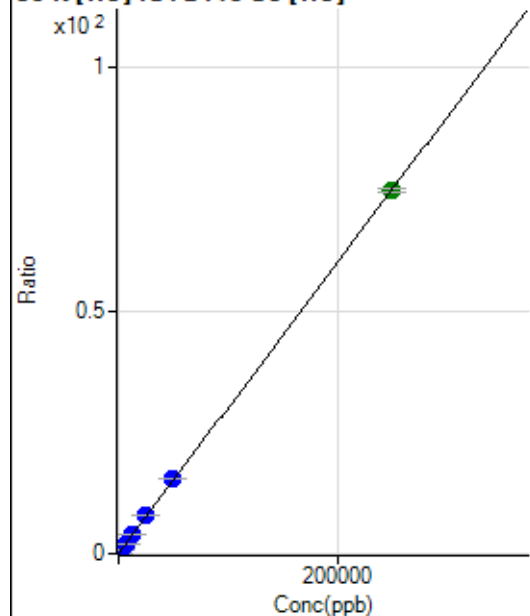
$$DL = 783.1$$

$$BEC = 1.514\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3556.18	0.0488	P	4.0
2	☐	50.000					
3	☐	500.000	474.630	13976.94	0.1906	P	2.7
4	☐	2500.000	2571.781	60561.81	0.8174	P	2.0
5	☐	6250.000	6424.805	145826.94	1.9689	P	0.8
6	☐	12500.000	12876.182	287553.29	3.8970	P	1.8
7	☐	25000.000	25961.312	567053.63	7.8077	P	2.3
8	☐	50000.000	50920.802	1119681.03	15.2672	P	0.2
9	☐	250000.00	249695.86	5577412.45	74.6740	A	0.9

$$y = 2.9886\text{E-}004 * x + 0.0488$$

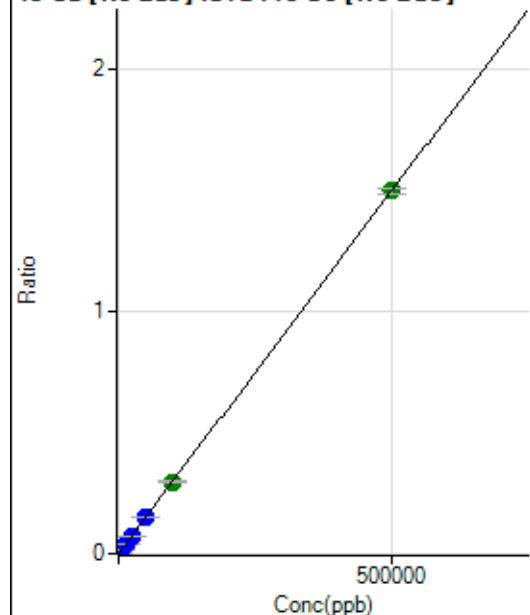
$$R = 1.0000$$

$$DL = 19.45$$

$$BEC = 163.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.59	0.0001	P	24.7
2	☐	50.000					
3	☐	500.000	461.817	9367.43	0.0015	P	5.1
4	☐	5000.000	4928.990	96277.00	0.0148	P	1.7
5	☐	12500.000	12394.672	241994.95	0.0371	P	2.1
6	☐	25000.000	24805.408	486457.43	0.0742	P	0.2
7	☐	50000.000	49397.167	976214.87	0.1477	P	0.3
8	☐	100000.00	99246.020	1987767.34	0.2966	A	1.1
9	☐	500000.00	500224.19	10064338.25	1.4946	A	1.3

$$y = 2.9876E-006 * x + 9.1929E-005$$

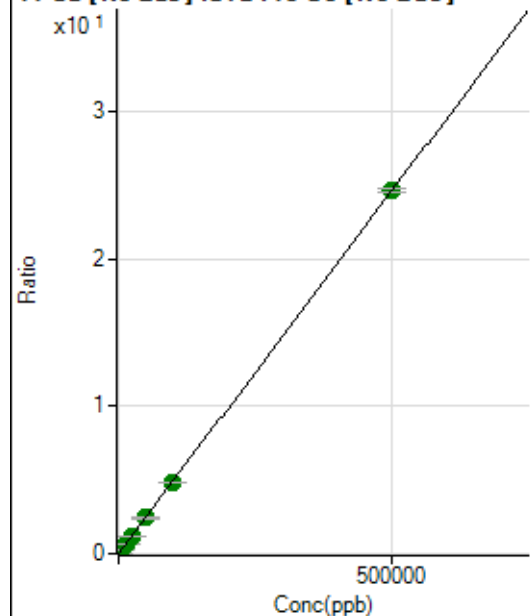
$$R = 1.0000$$

$$DL = 22.81$$

$$BEC = 30.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26615.10	0.0042	P	0.8
2	☐	50.000					
3	☐	500.000	457.258	169810.68	0.0267	P	2.1
4	☐	5000.000	5004.212	1624060.83	0.2499	A	1.8
5	☐	12500.000	12367.226	3986557.08	0.6115	A	1.6
6	☐	25000.000	24458.482	7901486.20	1.2053	A	0.6
7	☐	50000.000	49072.976	15957994.28	2.4139	A	0.3
8	☐	100000.00	97812.828	32217800.72	4.8073	A	0.5
9	☐	500000.00	500560.53	165554667.5	24.5843	A	1.1

$$y = 4.9105E-005 * x + 0.0042$$

$$R = 1.0000$$

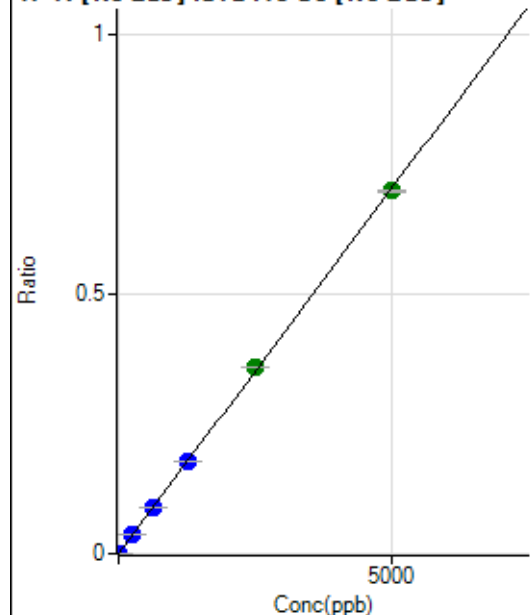
$$DL = 1.994$$

$$BEC = 85.88$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.919	4528.71	0.0007	P	3.0
4	☐	250.000	253.082	231499.10	0.0356	P	1.5
5	☐	625.000	630.630	578611.44	0.0888	P	0.9
6	☐	1250.000	1264.198	1166295.63	0.1779	P	0.6
7	☐	2500.000	2550.455	2372514.83	0.3589	A	0.3
8	☐	5000.000	4970.365	4687183.78	0.6994	A	0.2
9	☐			1600.17	0.0002	P	2.4

$$y = 1.4071\text{E-}004 * x + 1.8886\text{E-}005$$

$$R = 0.9999$$

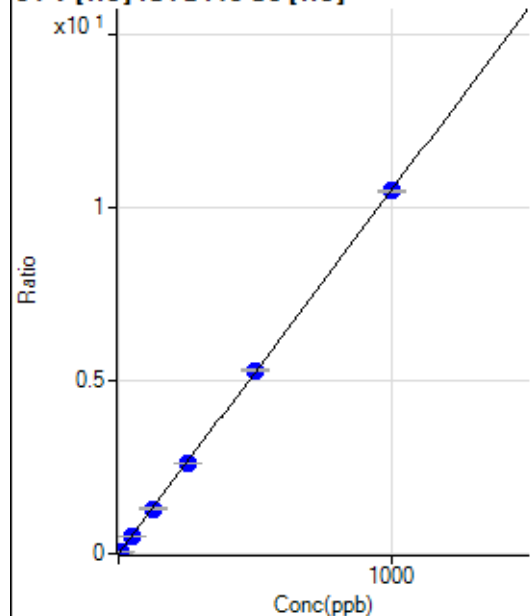
$$DL = 0.1092$$

$$BEC = 0.1342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0002	P	91.5
2	☐	0.500					
3	☐	5.000	4.657	3590.53	0.0490	P	4.0
4	☐	50.000	49.789	38692.36	0.5222	P	0.2
5	☐	125.000	123.623	96001.71	1.2963	P	1.8
6	☐	250.000	248.220	192055.57	2.6026	P	0.8
7	☐	500.000	504.839	384447.00	5.2931	P	1.8
8	☐	1000.000	998.210	767546.84	10.4658	P	0.5
9	☐			507.80	0.0068	P	13.8

$$y = 0.0105 * x + 1.5224\text{E-}004$$

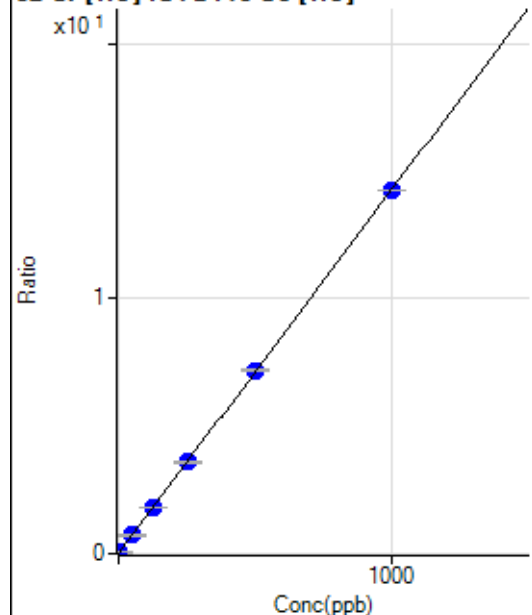
$$R = 1.0000$$

$$DL = 0.03984$$

$$BEC = 0.01452$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.14	0.0095	P	5.6
2	☐	0.200					
3	☐	2.000	2.028	2811.44	0.0384	P	3.1
4	☐	50.000	49.911	53360.17	0.7202	P	1.3
5	☐	125.000	125.122	132654.54	1.7911	P	1.0
6	☐	250.000	251.012	264448.20	3.5836	P	0.8
7	☐	500.000	504.512	522465.06	7.1932	P	1.7
8	☐	1000.000	997.480	1042338.26	14.2126	P	0.1
9	☐			53632.57	0.7182	P	2.3

$$y = 0.0142 * x + 0.0095$$

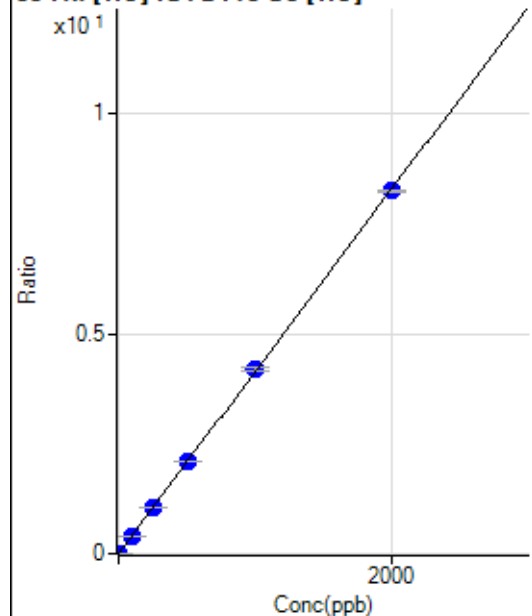
$$R = 1.0000$$

$$DL = 0.112$$

$$BEC = 0.6658$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0005	P	40.3
2	☐	0.100					
3	☐	1.000	1.179	391.13	0.0053	P	10.0
4	☐	100.000	99.349	30493.45	0.4116	P	1.6
5	☐	250.000	250.254	76729.30	1.0360	P	0.5
6	☐	500.000	504.975	154228.85	2.0900	P	0.8
7	☐	1000.000	1014.883	305051.90	4.2000	P	1.8
8	☐	2000.000	1991.315	604339.24	8.2404	P	0.5
9	☐			3184.86	0.0426	P	1.4

$$y = 0.0041 * x + 4.5744E-004$$

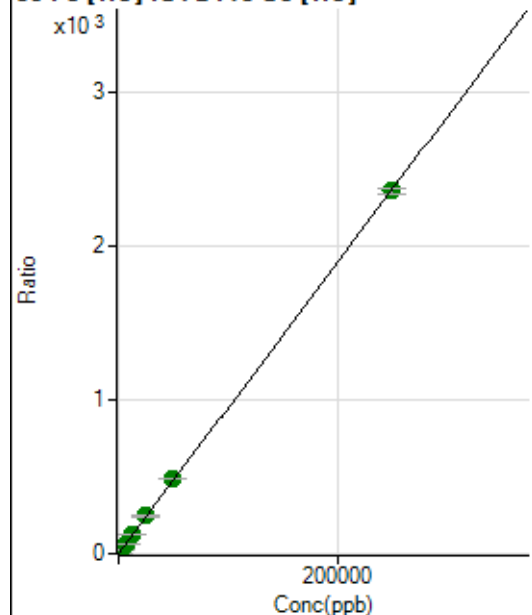
$$R = 1.0000$$

$$DL = 0.1336$$

$$BEC = 0.1105$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1748.31	0.0240	P	1.4
2	☐	5.000					
3	☐	50.000	49.277	35850.46	0.4889	P	1.0
4	☐	2500.000	2586.811	1810324.11	24.4320	A	0.8
5	☐	6250.000	6410.719	4481831.00	60.5128	A	0.5
6	☐	12500.000	12754.602	8882410.44	120.3710	A	1.2
7	☐	25000.000	25956.962	17789917.30	244.9429	A	2.2
8	☐	50000.000	51179.433	35417562.83	482.9316	A	0.5
9	☐	250000.00	249650.80	175932378.0	2,355.623	A	1.5

$$y = 0.0094 * x + 0.0240$$

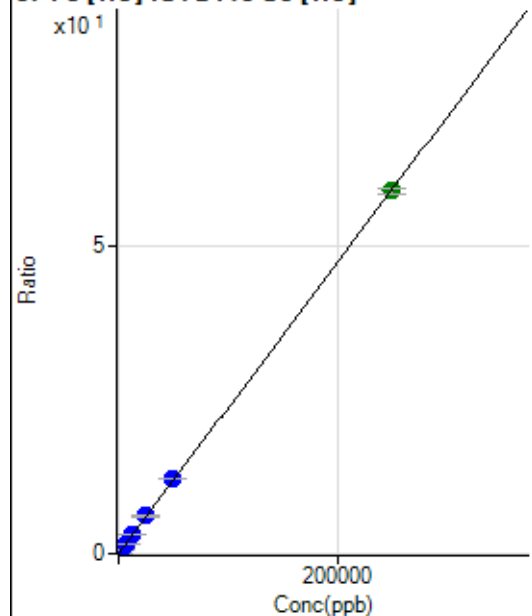
$$R = 1.0000$$

$$DL = 0.1062$$

$$BEC = 2.541$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0006	P	6.9
2	☐	5.000					
3	☐	50.000	48.339	883.39	0.0120	P	5.1
4	☐	2500.000	2578.508	45144.01	0.6093	P	0.6
5	☐	6250.000	6375.929	111509.76	1.5056	P	0.7
6	☐	12500.000	12844.312	223764.16	3.0324	P	1.0
7	☐	25000.000	26032.036	446320.39	6.1451	P	2.0
8	☐	50000.000	51128.698	885117.02	12.0688	P	0.1
9	☐	250000.00	249649.90	4400802.99	58.9269	A	1.7

$$y = 2.3604E-004 * x + 6.3502E-004$$

$$R = 1.0000$$

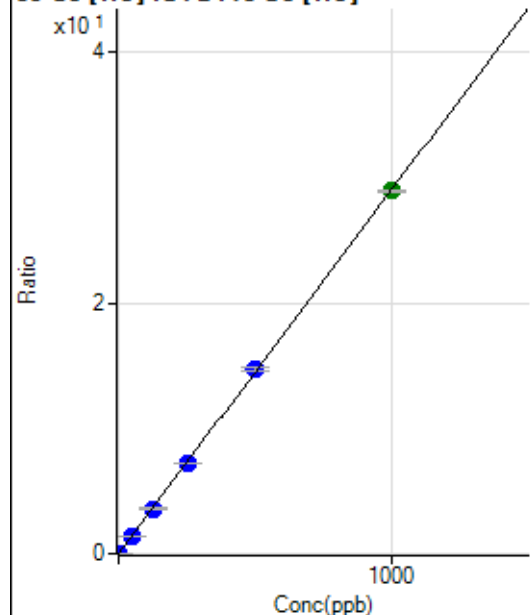
$$DL = 0.56$$

$$BEC = 2.69$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0011	P	36.3
2	☐	0.100					
3	☐	1.000	0.974	2157.98	0.0294	P	1.1
4	☐	50.000	49.596	106805.41	1.4415	P	1.7
5	☐	125.000	124.094	266997.27	3.6051	P	1.3
6	☐	250.000	248.373	532372.93	7.2144	P	0.8
7	☐	500.000	506.150	1067735.47	14.7007	P	1.9
8	☐	1000.000	997.465	2124586.91	28.9695	A	0.6
9	☐			3806.15	0.0510	P	2.6

$$y = 0.0290 * x + 0.0011$$

$$R = 1.0000$$

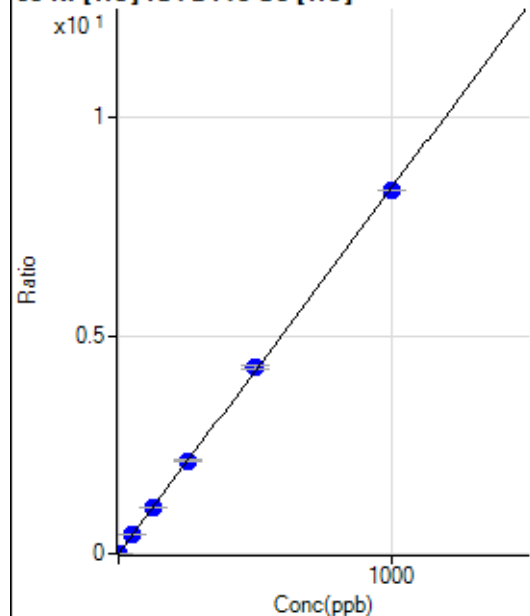
$$DL = 0.04281$$

$$BEC = 0.03931$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.01	0.0011	P	7.6
2	☐	0.100					
3	☐	1.000	1.028	711.14	0.0097	P	9.5
4	☐	50.000	50.682	31544.80	0.4257	P	0.6
5	☐	125.000	126.693	78697.38	1.0626	P	0.8
6	☐	250.000	254.705	157547.39	2.1351	P	1.4
7	☐	500.000	512.461	311922.05	4.2946	P	2.0
8	☐	1000.000	992.348	609830.11	8.3152	P	0.1
9	☐			19333.64	0.2589	P	2.2

$$y = 0.0084 * x + 0.0011$$

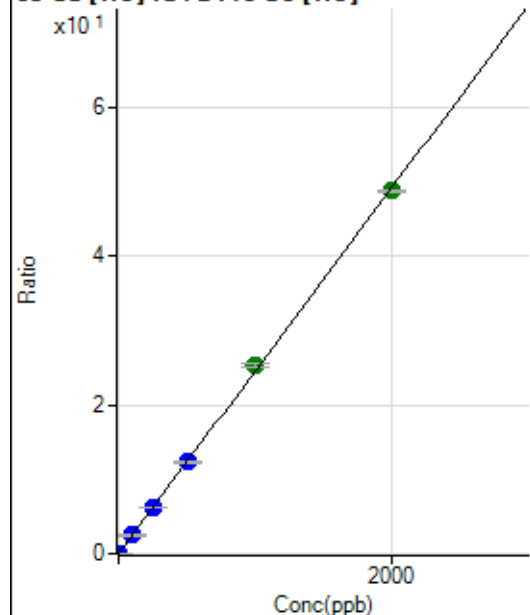
$$R = 0.9999$$

$$DL = 0.02981$$

$$BEC = 0.131$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	605.58	0.0083	P	1.5
2	☐	0.200					
3	☐	2.000	1.962	4139.59	0.0565	P	2.3
4	☐	100.000	100.327	183122.69	2.4715	P	1.3
5	☐	250.000	249.709	454681.92	6.1391	P	0.8
6	☐	500.000	500.115	906699.22	12.2870	P	0.8
7	☐	1000.000	1029.222	1835947.77	25.2775	A	2.3
8	☐	2000.000	1985.381	3575471.44	48.7529	A	0.7
9	☐			8303.72	0.1112	P	2.9

$$y = 0.0246 * x + 0.0083$$

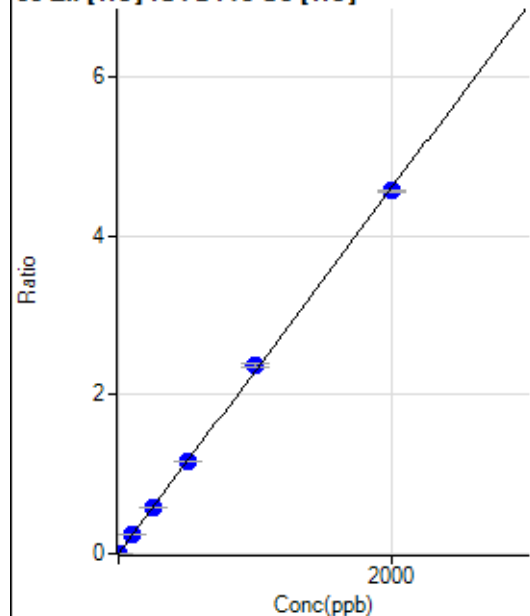
$$R = 0.9998$$

$$DL = 0.01482$$

$$BEC = 0.3383$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0012	P	37.2
2	☐	0.200					
3	☐	2.000	1.777	390.01	0.0053	P	3.2
4	☐	100.000	101.190	17322.13	0.2338	P	0.8
5	☐	250.000	250.502	42727.99	0.5769	P	0.6
6	☐	500.000	505.340	85790.92	1.1625	P	0.8
7	☐	1000.000	1027.345	171559.66	2.3622	P	2.2
8	☐	2000.000	1984.870	334621.02	4.5626	P	0.4
9	☐			1572.34	0.0211	P	4.5

$$y = 0.0023 * x + 0.0012$$

$$R = 0.9999$$

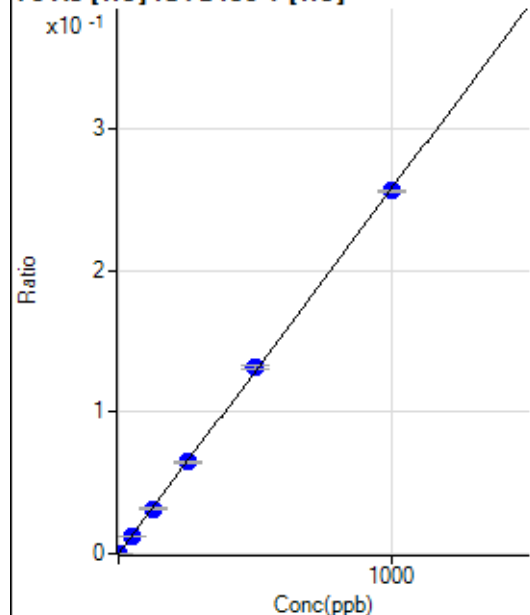
$$DL = 0.5996$$

$$BEC = 0.5368$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	69.8
2	☐	0.100					
3	☐	1.000	1.039	129.63	0.0003	P	9.9
4	☐	50.000	49.371	6036.56	0.0127	P	2.1
5	☐	125.000	123.373	15103.42	0.0318	P	0.8
6	☐	250.000	250.685	30705.71	0.0645	P	1.6
7	☐	500.000	511.500	61883.33	0.1317	P	2.7
8	☐	1000.000	994.313	122449.69	0.2560	P	0.3
9	☐			76.54	0.0002	P	10.6

$$y = 2.5747\text{E-}004 * x + 6.5953\text{E-}006$$

$$R = 0.9999$$

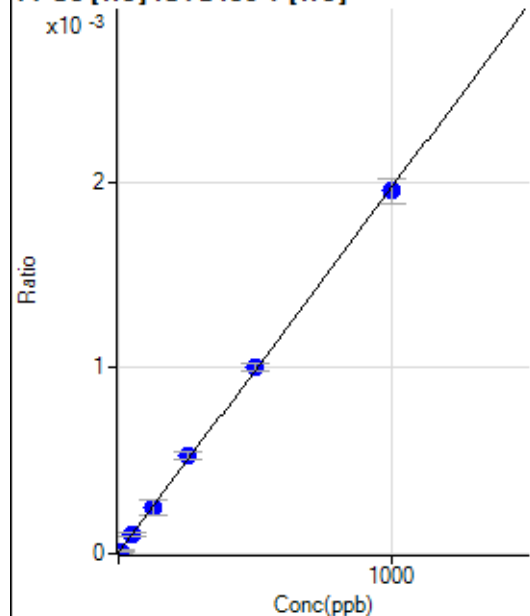
$$DL = 0.05367$$

$$BEC = 0.02562$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.779	6.67	0.0000	P	49.9
4	☐	50.000	48.916	47.78	0.0001	P	25.1
5	☐	125.000	124.934	118.89	0.0003	P	32.5
6	☐	250.000	267.330	252.23	0.0005	P	7.2
7	☐	500.000	509.129	472.24	0.0010	P	3.9
8	☐	1000.000	991.166	933.38	0.0020	P	6.8
9	☐			0.00	0.0000	P	

$$y = 1.9638\text{E-}006 * x + 4.7232\text{E-}006$$

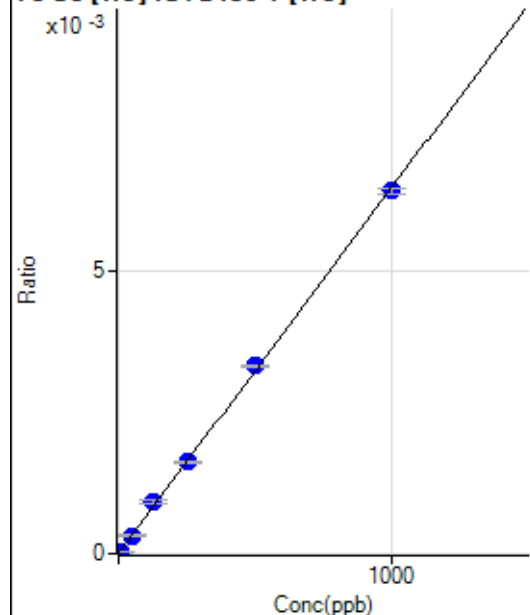
$$R = 0.9997$$

$$DL = 6.249$$

$$BEC = 2.405$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.5
2	☐	0.500					
3	☐	5.000	5.449	19.75	0.0000	P	23.8
4	☐	50.000	47.642	149.38	0.0003	P	12.9
5	☐	125.000	140.457	434.58	0.0009	P	6.8
6	☐	250.000	250.256	772.87	0.0016	P	1.9
7	☐	500.000	512.476	1560.60	0.0033	P	1.4
8	☐	1000.000	991.881	3070.12	0.0064	P	1.4
9	☐			8.64	0.0000	P	32.2

$$y = 6.4648\text{E-}006 * x + 6.5609\text{E-}006$$

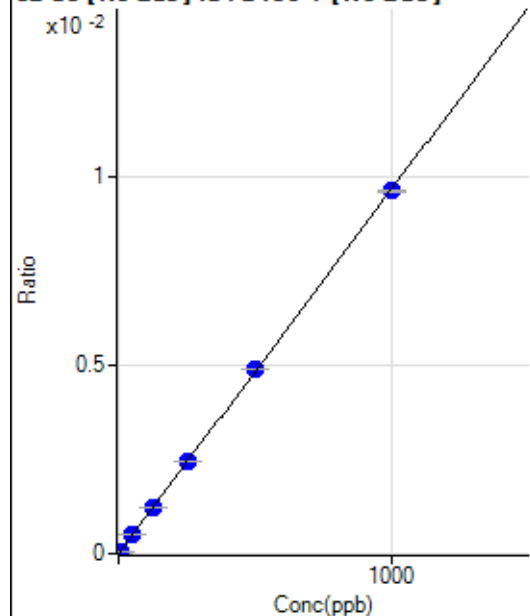
$$R = 0.9998$$

$$DL = 2.785$$

$$BEC = 1.015$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.65	0.0000	P	27.9
2	☐	0.500					
3	☐	5.000	3.966	448.37	0.0000	P	8.9
4	☐	50.000	50.482	5366.45	0.0005	P	2.2
5	☐	125.000	127.832	13649.06	0.0012	P	1.4
6	☐	250.000	252.645	27314.99	0.0025	P	1.1
7	☐	500.000	506.375	54978.31	0.0049	P	0.1
8	☐	1000.000	995.778	112109.52	0.0096	P	0.2
9	☐			106.50	0.0000	P	24.2

$$y = 9.6848\text{E-}006 * x + 3.2719\text{E-}006$$

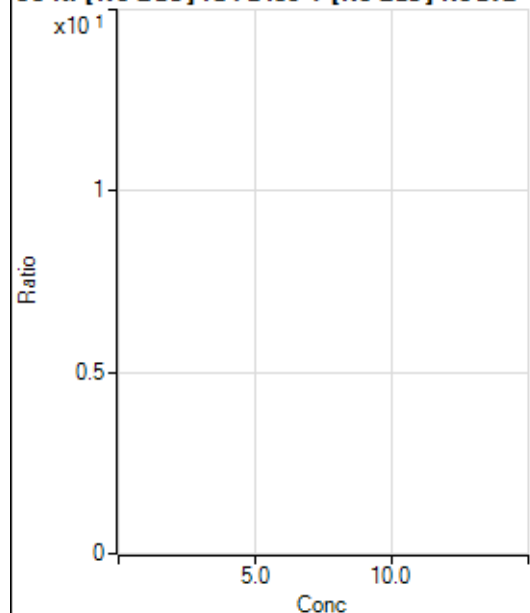
$$R = 1.0000$$

$$DL = 0.2832$$

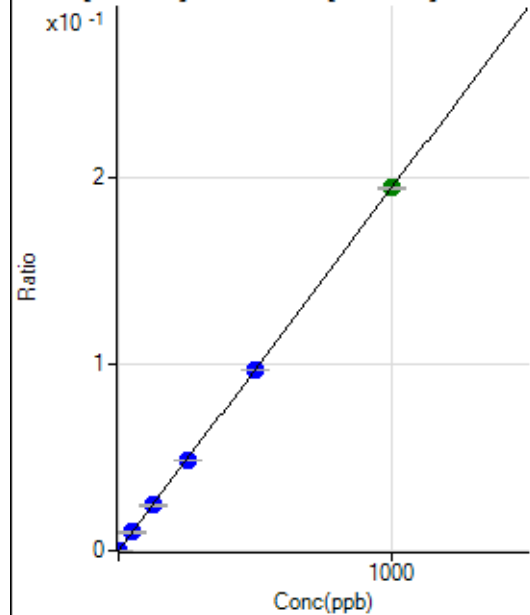
$$BEC = 0.3378$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			371.12	0.0000	P	7.0
2	☐						
3	☐			438.90	0.0000	P	7.8
4	☐			405.57	0.0000	P	4.4
5	☐			432.24	0.0000	P	10.2
6	☐			381.12	0.0000	P	9.5
7	☐			386.68	0.0000	P	10.9
8	☐			388.90	0.0000	P	11.2
9	☐			417.79	0.0000	P	7.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	625.05	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	1.024	2769.84	0.0003	P	2.8
4	☐	50.000	50.219	106832.73	0.0098	P	1.7
5	☐	125.000	124.982	267197.23	0.0243	P	1.3
6	☐	250.000	248.269	537525.27	0.0482	P	0.7
7	☐	500.000	499.267	1085556.49	0.0969	P	0.3
8	☐	1000.000	1000.790	2256482.95	0.1942	A	0.4
9	☐			77327.51	0.0067	P	1.1

$$y = 1.9396E-004 * x + 5.9185E-005$$

$$R = 1.0000$$

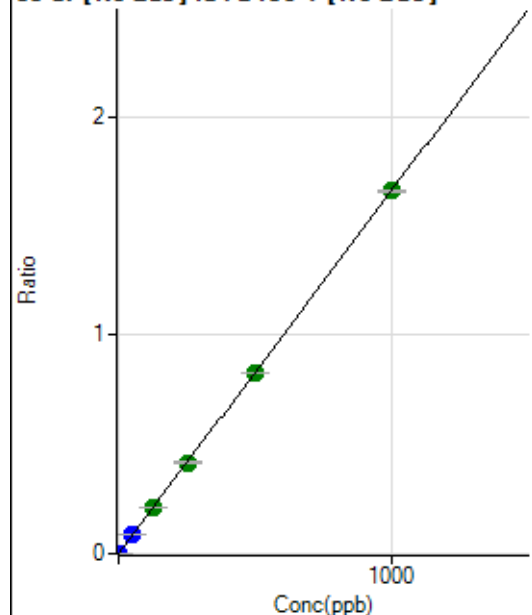
$$DL = 0.05944$$

$$BEC = 0.3051$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	19.7
2	☐	0.100					
3	☐	1.000	0.994	17898.51	0.0017	P	2.1
4	☐	50.000	50.731	918180.64	0.0842	P	0.9
5	☐	125.000	127.752	2331785.42	0.2121	A	0.8
6	☐	250.000	251.029	4645541.68	0.4167	A	0.6
7	☐	500.000	499.662	9291396.91	0.8294	A	0.1
8	☐	1000.000	999.531	19279873.17	1.6591	A	0.5
9	☐			661652.74	0.0574	P	1.5

$$y = 0.0017 * x + 1.5240E-005$$

$$R = 1.0000$$

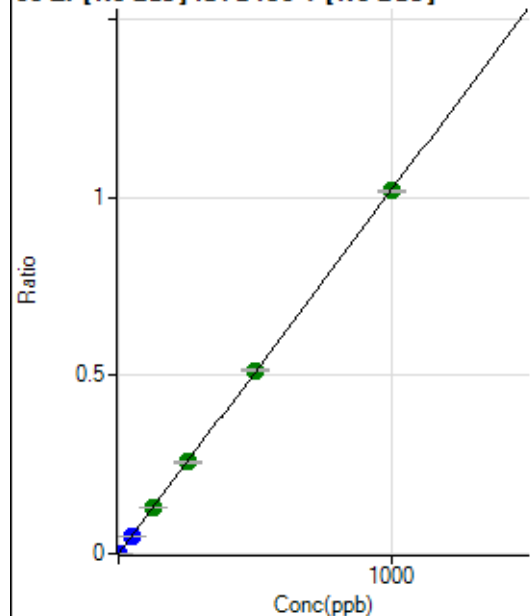
$$DL = 0.005419$$

$$BEC = 0.009182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	630.60	0.0001	P	19.4
2	☐	0.100					
3	☐	1.000	0.975	11333.08	0.0011	P	3.6
4	☐	50.000	49.770	554420.16	0.0509	P	1.0
5	☐	125.000	126.205	1416909.99	0.1289	A	1.7
6	☐	250.000	252.306	2871579.64	0.2576	A	1.2
7	☐	500.000	503.446	5756860.24	0.5139	A	0.6
8	☐	1000.000	997.561	11831915.28	1.0182	A	0.8
9	☐			4789.95	0.0004	P	0.7

$$y = 0.0010 * x + 5.9863E-005$$

$$R = 1.0000$$

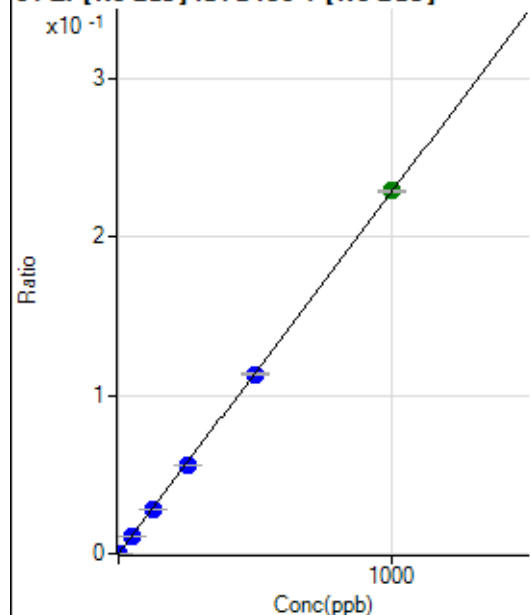
$$DL = 0.0342$$

$$BEC = 0.05866$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	0.897	2325.31	0.0002	P	4.0
4	☐	50.000	48.985	122178.53	0.0112	P	2.0
5	☐	125.000	122.951	309129.28	0.0281	P	0.5
6	☐	250.000	245.394	625462.63	0.0561	P	0.6
7	☐	500.000	495.902	1269905.87	0.1134	P	0.6
8	☐	1000.000	1003.507	2665518.40	0.2294	A	0.8
9	☐			1295.03	0.0001	P	26.0

$$y = 2.2856E-004 * x + 1.1337E-005$$

$$R = 1.0000$$

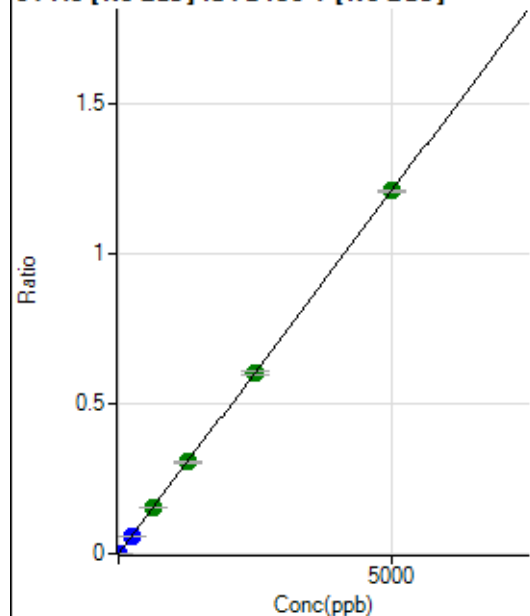
$$DL = 0.02668$$

$$BEC = 0.0496$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0000	P	18.4
2	☐	0.500					
3	☐	5.000	4.827	12845.50	0.0012	P	2.5
4	☐	250.000	250.456	661823.87	0.0607	P	0.6
5	☐	625.000	632.821	1686113.37	0.1533	A	0.6
6	☐	1250.000	1264.216	3414912.14	0.3063	A	1.2
7	☐	2500.000	2490.214	6759059.53	0.6033	A	1.4
8	☐	5000.000	5000.339	14078347.36	1.2115	A	0.9
9	☐			19648.28	0.0017	P	3.6

$$y = 2.4227E-004 * x + 2.6066E-005$$

$$R = 1.0000$$

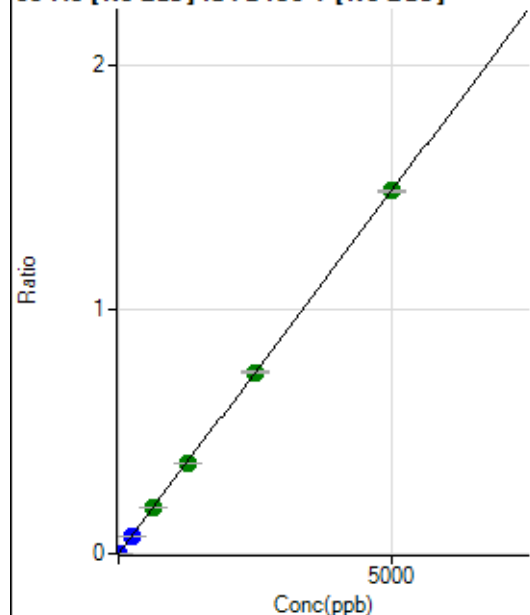
$$DL = 0.05949$$

$$BEC = 0.1076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.90	0.0000	P	37.0
2	☐	0.500					
3	☐	5.000	4.652	14914.38	0.0014	P	5.2
4	☐	250.000	250.627	810722.20	0.0744	P	0.8
5	☐	625.000	636.331	2075854.34	0.1888	A	2.4
6	☐	1250.000	1241.650	4106797.10	0.3684	A	0.9
7	☐	2500.000	2499.733	8308033.69	0.7416	A	1.6
8	☐	5000.000	5000.774	17240620.35	1.4836	A	0.3
9	☐			31094.91	0.0027	P	4.0

$$y = 2.9667\text{E-}004 * x + 8.4094\text{E-}006$$

$$R = 1.0000$$

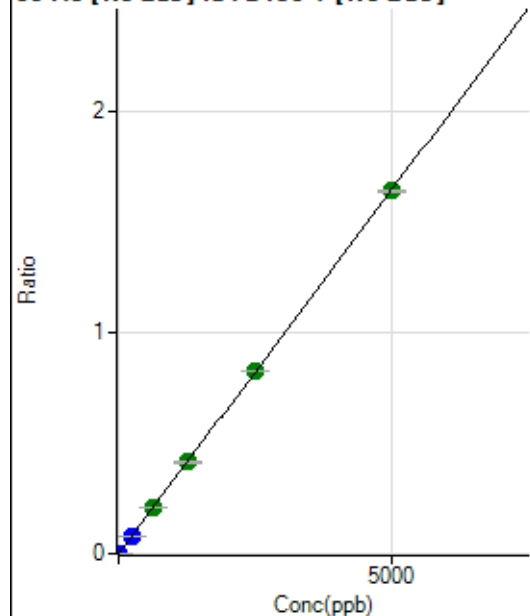
$$DL = 0.03147$$

$$BEC = 0.02835$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.68	0.0000	P	20.4
2	☐	0.500					
3	☐	5.000	4.792	17128.22	0.0016	P	0.8
4	☐	250.000	249.500	895909.07	0.0822	P	1.0
5	☐	625.000	632.830	2291713.33	0.2084	A	1.2
6	☐	1250.000	1259.564	4624391.60	0.4148	A	1.2
7	☐	2500.000	2513.803	9274134.41	0.8278	A	0.8
8	☐	5000.000	4989.754	19095226.81	1.6432	A	0.6
9	☐			35539.30	0.0031	P	3.2

$$y = 3.2931\text{E-}004 * x + 1.5753\text{E-}005$$

$$R = 1.0000$$

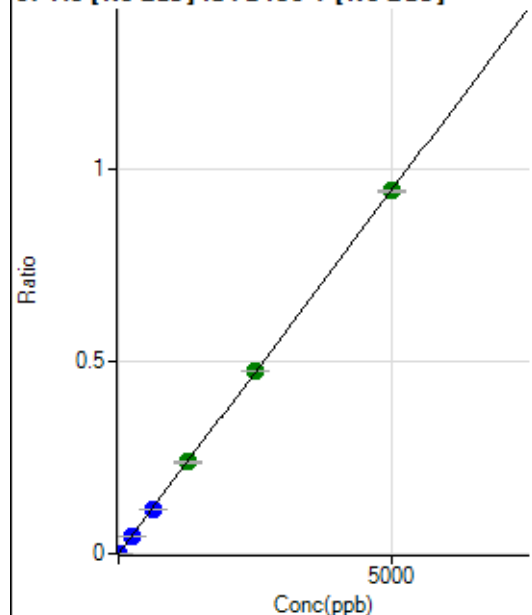
$$DL = 0.02932$$

$$BEC = 0.04784$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	32.7
2	☐	0.500					
3	☐	5.000	4.734	9687.22	0.0009	P	0.4
4	☐	250.000	245.170	505207.18	0.0463	P	0.2
5	☐	625.000	615.716	1279504.42	0.1164	P	0.9
6	☐	1250.000	1267.303	2669930.29	0.2395	A	1.9
7	☐	2500.000	2507.301	5308388.92	0.4738	A	0.3
8	☐	5000.000	4993.426	10966161.01	0.9437	A	0.4
9	☐			19556.49	0.0017	P	2.1

$$y = 1.8898E-004 * x + 6.8349E-006$$

$$R = 1.0000$$

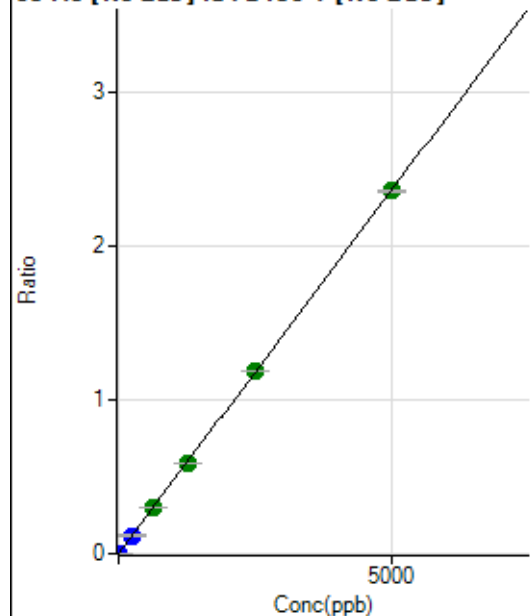
$$DL = 0.03552$$

$$BEC = 0.03617$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	25.8
2	☐	0.500					
3	☐	5.000	4.784	24439.58	0.0023	P	1.5
4	☐	250.000	250.710	1291673.16	0.1185	P	0.6
5	☐	625.000	631.284	3279973.64	0.2983	A	0.8
6	☐	1250.000	1243.213	6549151.58	0.5874	A	0.8
7	☐	2500.000	2518.238	13330208.02	1.1899	A	0.3
8	☐	5000.000	4991.757	27409610.34	2.3586	A	0.6
9	☐			50322.53	0.0044	P	4.0

$$y = 4.7250E-004 * x + 1.3960E-005$$

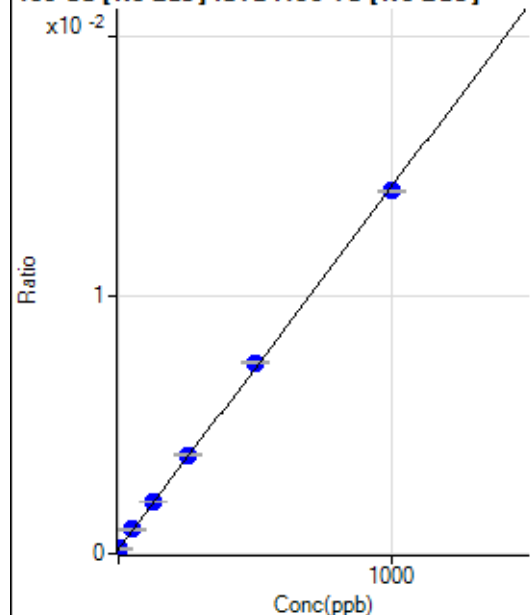
$$R = 1.0000$$

$$DL = 0.02284$$

$$BEC = 0.02954$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2003.02	0.0002	P	9.0
2	☐	0.100					
3	☐	1.000	0.923	2158.61	0.0002	P	6.4
4	☐	50.000	55.133	11127.38	0.0009	P	4.4
5	☐	125.000	131.440	23966.62	0.0020	P	1.8
6	☐	250.000	259.286	46210.90	0.0038	P	1.4
7	☐	500.000	515.099	90291.05	0.0074	P	1.3
8	☐	1000.000	989.068	182628.01	0.0140	P	0.6
9	☐			2442.00	0.0002	P	13.0

$$y = 1.4007\text{E-}005 * x + 1.7411\text{E-}004$$

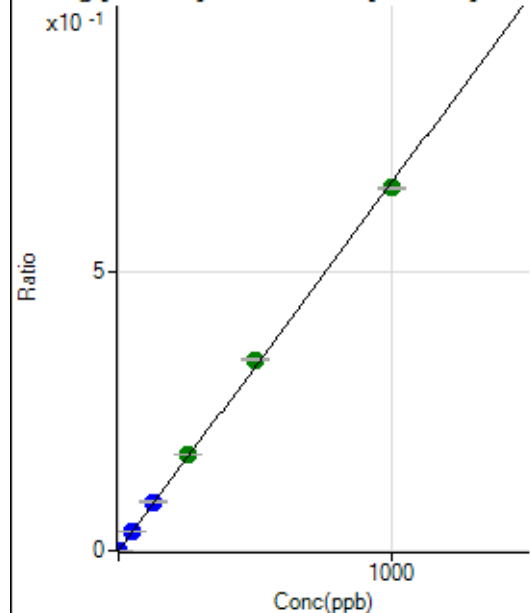
$$R = 0.9998$$

$$DL = 3.35$$

$$BEC = 12.43$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	32.4
2	☐	0.100					
3	☐	1.000	1.044	8041.64	0.0007	P	2.4
4	☐	50.000	53.306	414399.46	0.0352	P	0.4
5	☐	125.000	132.751	1043786.19	0.0878	P	2.1
6	☐	250.000	261.624	2100020.79	0.1730	A	1.6
7	☐	500.000	519.621	4197671.10	0.3435	A	1.3
8	☐	1000.000	986.149	8487796.98	0.6520	A	0.8
9	☐			1736.31	0.0001	P	5.6

$$y = 6.6111\text{E-}004 * x + 6.2642\text{E-}006$$

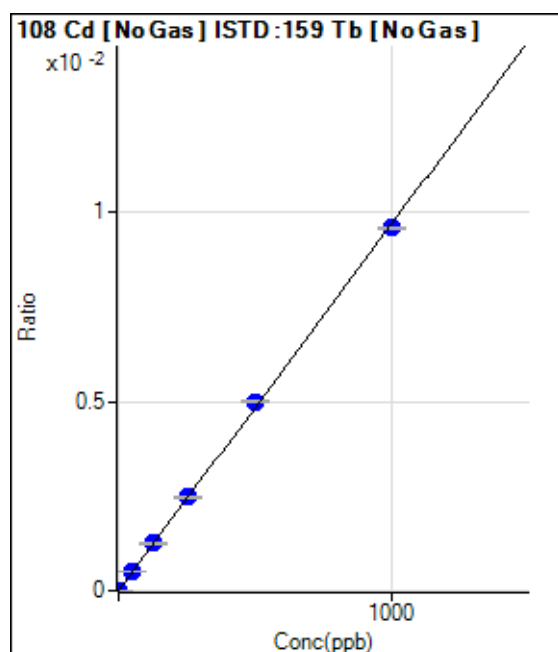
$$R = 0.9996$$

$$DL = 0.009223$$

$$BEC = 0.009475$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	23.9
2	☐	0.100					
3	☐	1.000	0.885	108.34	0.0000	P	29.2
4	☐	50.000	52.358	5976.46	0.0005	P	1.0
5	☐	125.000	129.047	14886.31	0.0013	P	2.4
6	☐	250.000	255.878	30120.03	0.0025	P	2.6
7	☐	500.000	515.907	61111.73	0.0050	P	1.7
8	☐	1000.000	989.954	124930.51	0.0096	P	0.3
9	☐			45.83	0.0000	P	56.2

$$y = 9.6927\text{E-}006 * x + 8.4336\text{E-}007$$

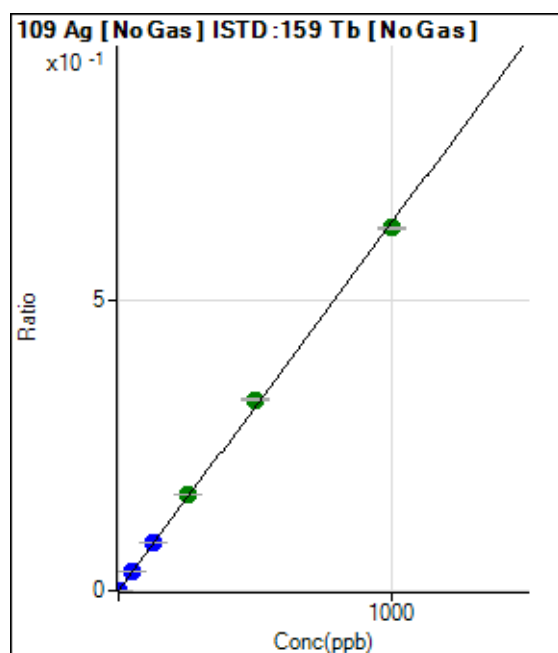
$$R = 0.9998$$

$$DL = 0.0625$$

$$BEC = 0.08701$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	15.2
2	☐	0.100					
3	☐	1.000	1.023	7555.25	0.0007	P	9.8
4	☐	50.000	52.927	394861.32	0.0336	P	0.4
5	☐	125.000	130.782	986839.40	0.0830	P	2.3
6	☐	250.000	262.073	2018973.89	0.1663	A	0.7
7	☐	500.000	519.243	4025633.03	0.3295	A	1.4
8	☐	1000.000	986.491	8148609.12	0.6259	A	0.5
9	☐			1511.27	0.0001	P	5.9

$$y = 6.3448\text{E-}004 * x + 4.3360\text{E-}006$$

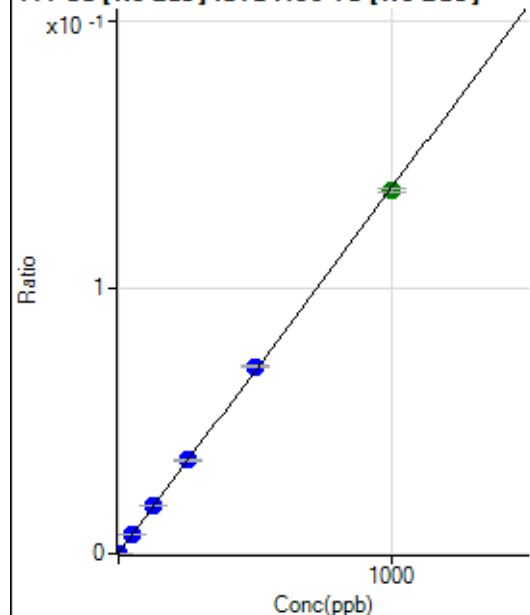
$$R = 0.9996$$

$$DL = 0.003106$$

$$BEC = 0.006834$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1403.65	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	0.993	2981.16	0.0003	P	5.3
4	☐	50.000	52.455	86048.32	0.0073	P	0.7
5	☐	125.000	129.658	213026.48	0.0179	P	1.6
6	☐	250.000	254.437	425343.82	0.0350	P	0.7
7	☐	500.000	512.101	860044.68	0.0704	P	0.9
8	☐	1000.000	992.135	1773777.34	0.1362	A	1.0
9	☐			2077.33	0.0002	P	10.7

$$y = 1.3720\text{E-}004 * x + 1.2201\text{E-}004$$

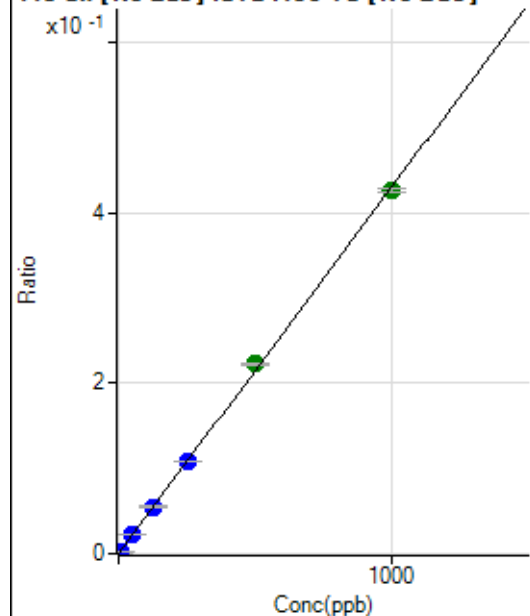
$$R = 0.9999$$

$$DL = 0.2521$$

$$BEC = 0.8892$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1433.49	0.0001	P	4.4
2	☐	0.500					
3	☐	5.000	5.056	26485.60	0.0023	P	2.6
4	☐	50.000	51.449	261036.49	0.0222	P	0.7
5	☐	125.000	128.139	655480.57	0.0551	P	1.3
6	☐	250.000	252.063	1314821.00	0.1083	P	1.2
7	☐	500.000	517.056	2712882.20	0.2220	A	0.2
8	☐	1000.000	990.491	5535251.34	0.4252	A	0.9
9	☐			11280.21	0.0009	P	3.0

$$y = 4.2913\text{E-}004 * x + 1.2451\text{E-}004$$

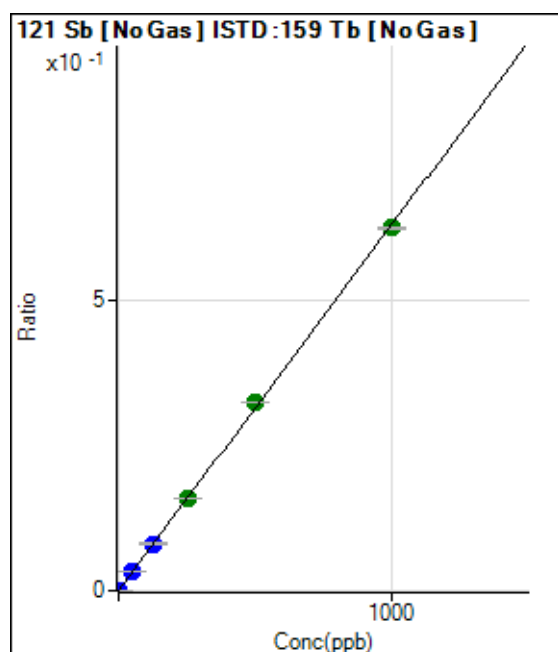
$$R = 0.9998$$

$$DL = 0.03851$$

$$BEC = 0.2902$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	30.2
2	☐	0.200					
3	☐	2.000	1.935	14110.86	0.0012	P	4.1
4	☐	50.000	50.903	375756.13	0.0320	P	0.5
5	☐	125.000	128.294	957840.00	0.0805	P	1.9
6	☐	250.000	252.482	1924399.46	0.1585	A	0.9
7	☐	500.000	513.789	3941074.00	0.3225	A	0.3
8	☐	1000.000	992.028	8107034.90	0.6227	A	0.3
9	☐			20447.08	0.0016	P	6.6

$$y = 6.2771\text{E-}004 * x + 8.1974\text{E-}006$$

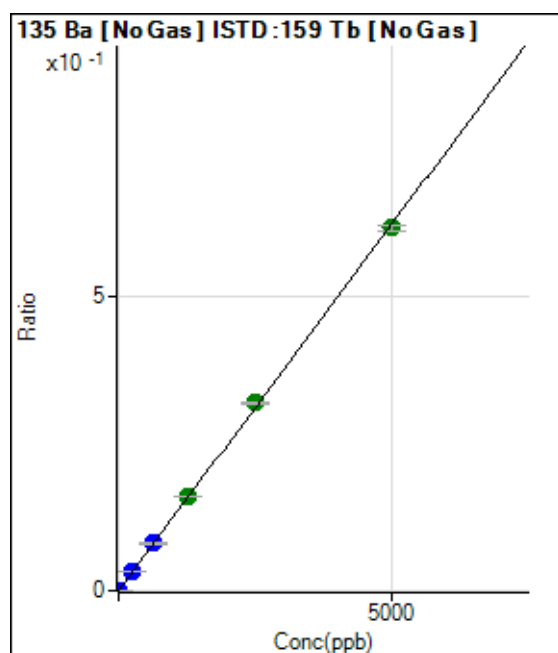
$$R = 0.9999$$

$$DL = 0.01183$$

$$BEC = 0.01306$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.6
2	☐	1.000					
3	☐	10.000	9.847	14230.46	0.0012	P	3.9
4	☐	250.000	255.763	375239.73	0.0319	P	0.7
5	☐	625.000	645.198	957511.74	0.0805	P	1.5
6	☐	1250.000	1288.446	1952075.19	0.1608	A	0.4
7	☐	2500.000	2566.123	3912566.58	0.3202	A	1.0
8	☐	5000.000	4954.514	8048084.38	0.6182	A	1.7
9	☐			3447.84	0.0003	P	3.8

$$y = 1.2477\text{E-}004 * x + 4.3512\text{E-}006$$

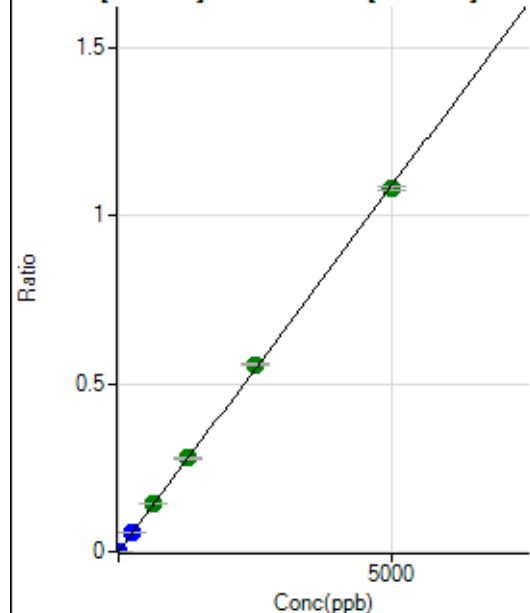
$$R = 0.9998$$

$$DL = 0.03097$$

$$BEC = 0.03487$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.2
2	☐	1.000					
3	☐	10.000	9.829	24726.94	0.0021	P	1.6
4	☐	250.000	258.150	659578.59	0.0561	P	0.8
5	☐	625.000	655.234	1693615.42	0.1424	A	0.6
6	☐	1250.000	1279.210	3375166.83	0.2780	A	0.8
7	☐	2500.000	2553.485	6780211.96	0.5549	A	1.2
8	☐	5000.000	4961.768	14036685.73	1.0782	A	1.0
9	☐			5665.35	0.0004	P	6.1

$$y = 2.1730E-004 * x + 5.7908E-006$$

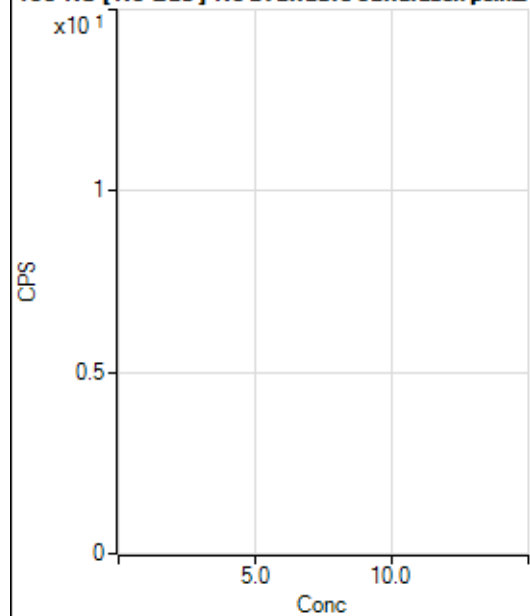
$$R = 0.9999$$

$$DL = 0.009764$$

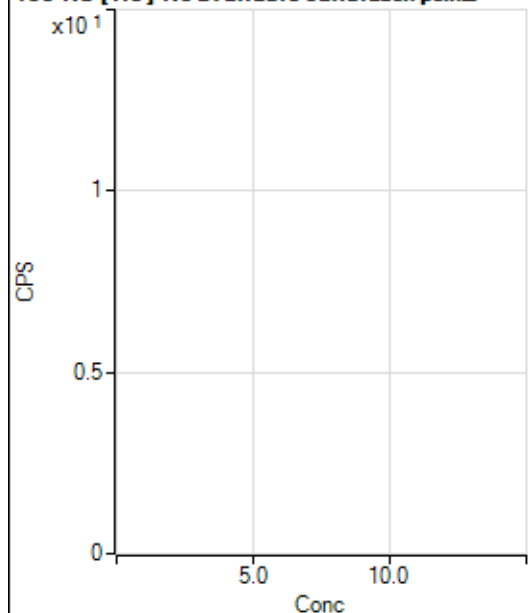
$$BEC = 0.02665$$

Weight: <None>

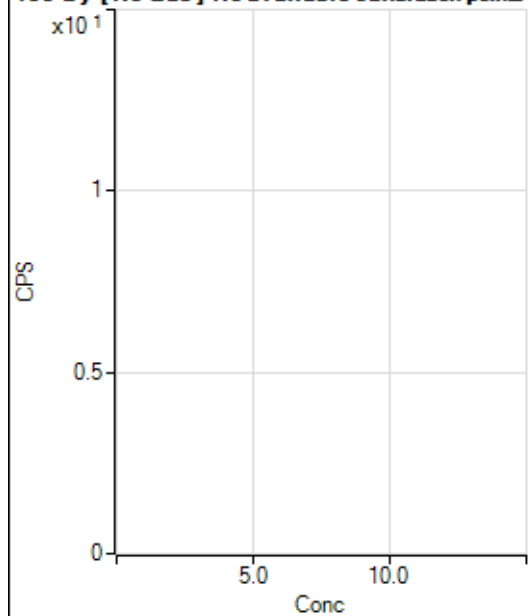
Min Conc: 0

150 Nd [No Gas] No available calibration points

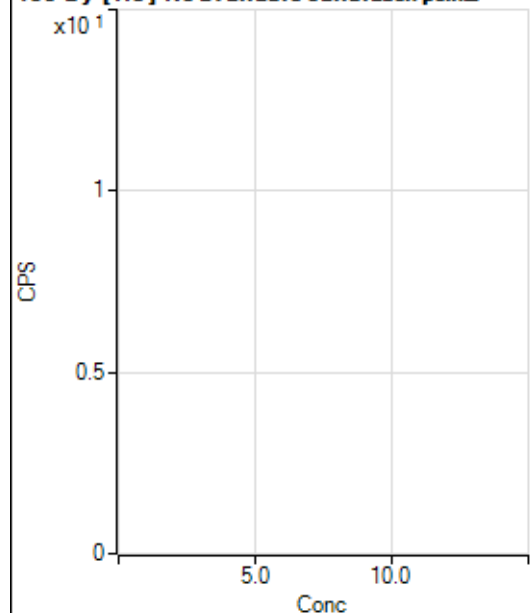
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			8.89		P	43.3
4	☐			24.45		P	15.8
5	☐			57.78		P	17.6
6	☐			77.78		P	19.8
7	☐			133.34		P	15.0
8	☐			293.35		P	25.6
9	☐			86.67		P	53.9

150 Nd [He] No available calibration points

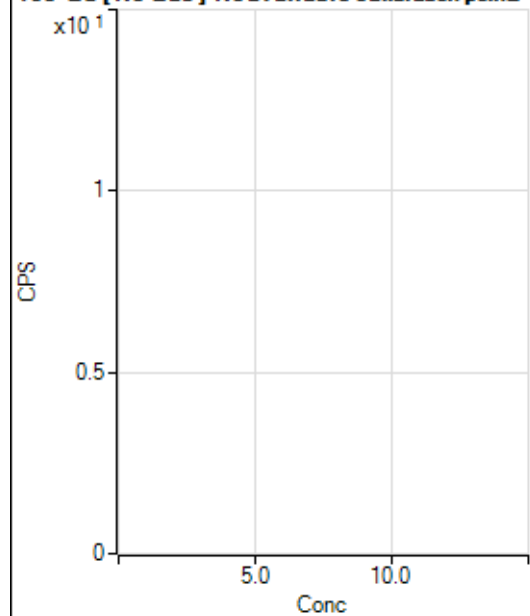
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			1.11		P	173.
5	☐			6.67		P	50.0
6	☐			4.44		P	114.
7	☐			4.44		P	114.
8	☐			8.89		P	57.3
9	☐			10.00		P	57.8

156 Dy [No Gas] No available calibration points

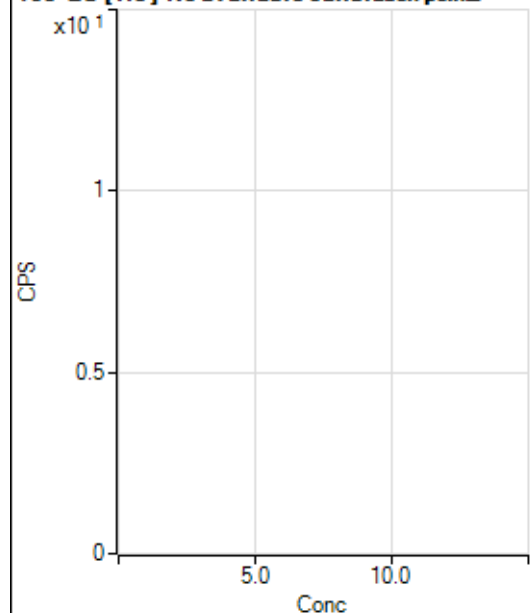
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			8.33		P	100.
4	☐			22.22		P	21.6
5	☐			30.56		P	41.7
6	☐			44.45		P	57.3
7	☐			52.78		P	50.8
8	☐			111.12		P	17.3
9	☐			66.67		P	33.1

156 Dy [He] No available calibration points

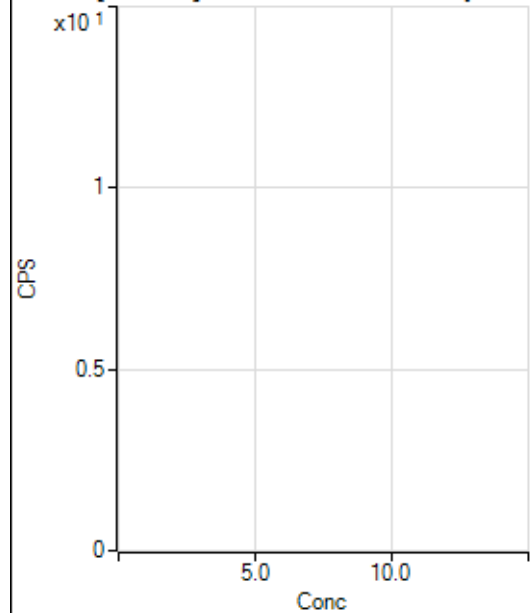
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			6.66		P	86.6
7	☐			6.67		P	132.
8	☐			13.33		P	75.0
9	☐			17.78		P	21.7

160 Gd [No Gas] Noavailable calibration poin_

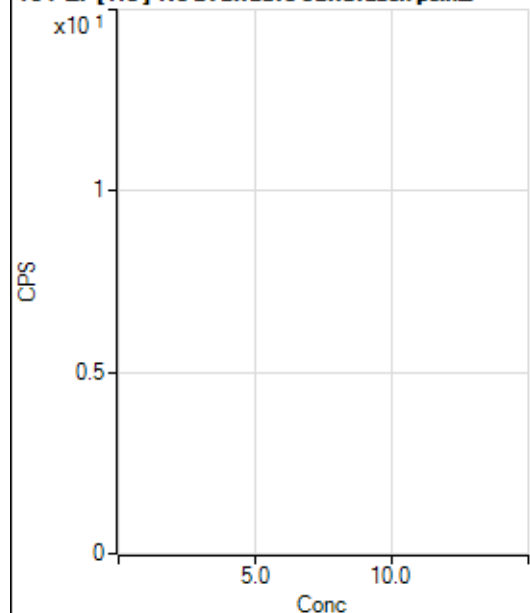
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	24.1
2	☐						
3	☐			100.01		P	54.6
4	☐			66.67		P	12.5
5	☐			66.67		P	37.5
6	☐			100.01		P	33.3
7	☐			75.00		P	29.4
8	☐			125.01		P	6.7
9	☐			113.89		P	18.4

160 Gd [He] No available calibration points

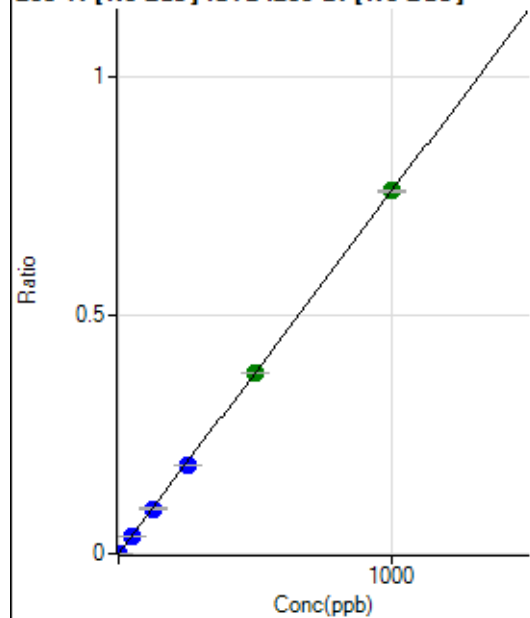
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.66		P	57.3
2	☐						
3	☐			18.89		P	27.0
4	☐			16.67		P	40.0
5	☐			15.56		P	61.9
6	☐			20.00		P	33.4
7	☐			6.67		P	50.0
8	☐			27.78		P	38.6
9	☐			24.44		P	41.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	43.3
2	☐						
3	☐			44.45		P	39.0
4	☐			50.00		P	28.9
5	☐			25.00		P	57.7
6	☐			41.67		P	20.0
7	☐			38.89		P	24.7
8	☐			58.34		P	24.7
9	☐			55.56		P	67.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			14.45		P	26.7
4	☐			7.78		P	65.5
5	☐			8.89		P	57.3
6	☐			14.44		P	13.4
7	☐			10.00		P	33.3
8	☐			11.11		P	34.6
9	☐			12.22		P	41.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	8.3
2	☐	0.100					
3	☐	1.000	0.967	4951.19	0.0007	P	1.0
4	☐	50.000	49.431	251191.60	0.0376	P	0.4
5	☐	125.000	124.463	632108.00	0.0945	P	0.4
6	☐	250.000	246.283	1264858.41	0.1871	P	0.3
7	☐	500.000	499.529	2614435.00	0.3794	A	0.6
8	☐	1000.000	1001.260	5480529.55	0.7605	A	0.5
9	☐			3211.67	0.0005	P	7.5

$$y = 7.5954\text{E-}004 * x + 1.1079\text{E-}005$$

$$R = 1.0000$$

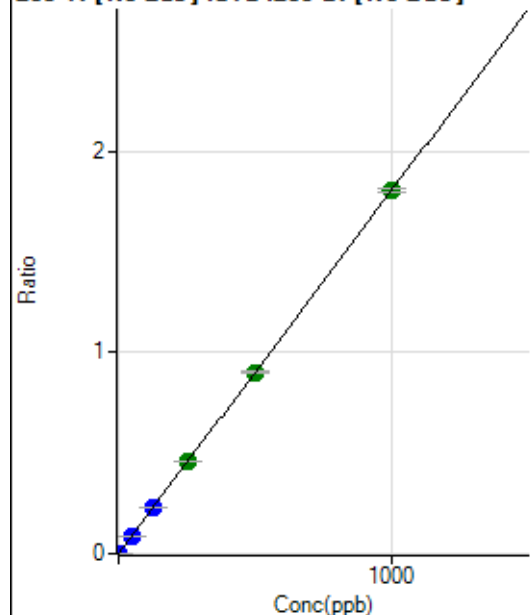
$$DL = 0.003622$$

$$BEC = 0.01459$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.952	11600.26	0.0017	P	4.6
4	☐	50.000	49.342	596165.53	0.0891	P	0.4
5	☐	125.000	125.222	1512044.88	0.2262	P	0.5
6	☐	250.000	253.583	3096467.65	0.4580	A	0.9
7	☐	500.000	499.779	6218947.14	0.9026	A	1.7
8	☐	1000.000	999.220	13003819.82	1.8045	A	1.0
9	☐			7369.19	0.0011	P	6.8

$$y = 0.0018 * x + 2.8926E-005$$

$$R = 1.0000$$

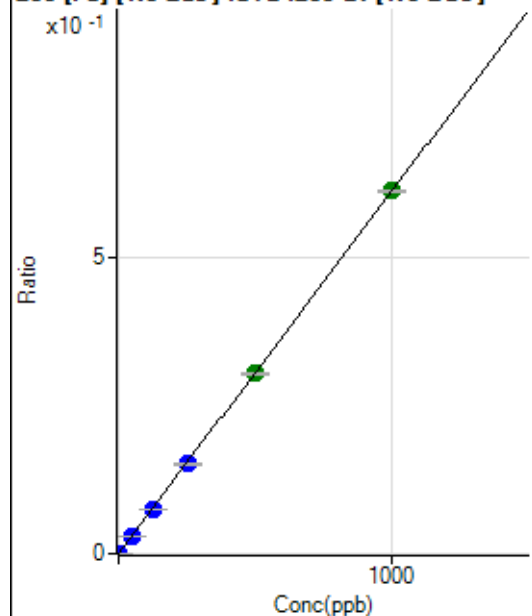
$$DL = 0.009414$$

$$BEC = 0.01602$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	0.956	4161.93	0.0006	P	3.1
4	☐	50.000	49.341	201844.16	0.0302	P	0.9
5	☐	125.000	123.901	506222.96	0.0757	P	0.7
6	☐	250.000	247.583	1022724.29	0.1513	P	0.8
7	☐	500.000	497.657	2094675.02	0.3040	A	1.4
8	☐	1000.000	1001.946	4410345.70	0.6120	A	0.6
9	☐			8651.36	0.0013	P	2.2

$$y = 6.1077E-004 * x + 4.3389E-005$$

$$R = 1.0000$$

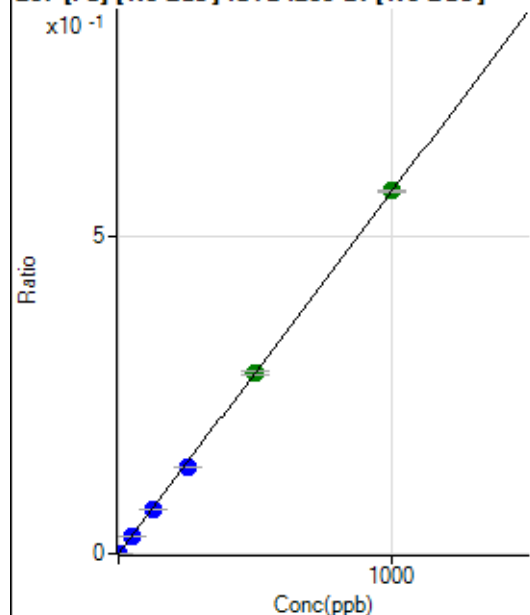
$$DL = 0.02368$$

$$BEC = 0.07104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.49	0.0000	P	4.4
2	☐	0.100					
3	☐	1.000	0.919	3700.66	0.0006	P	5.5
4	☐	50.000	47.984	182742.68	0.0273	P	1.3
5	☐	125.000	120.405	458035.77	0.0685	P	0.1
6	☐	250.000	239.966	922944.76	0.1365	P	0.5
7	☐	500.000	499.957	1959428.31	0.2844	A	1.2
8	☐	1000.000	1003.205	4111639.33	0.5706	A	0.7
9	☐			7635.87	0.0011	P	4.6

$$y = 5.6870\text{E-}004 * x + 3.5474\text{E-}005$$

$$R = 0.9999$$

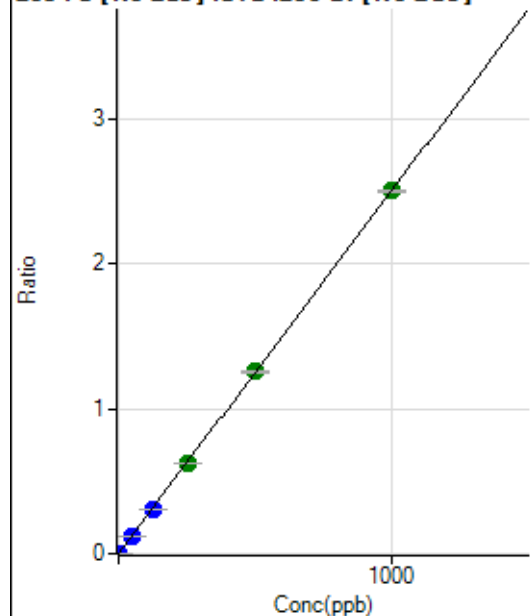
$$DL = 0.00831$$

$$BEC = 0.06238$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1083.39	0.0002	P	3.9
2	☐	0.100					
3	☐	1.000	0.947	16829.02	0.0025	P	4.0
4	☐	50.000	48.870	819471.34	0.1225	P	1.0
5	☐	125.000	123.512	2068624.77	0.3094	P	0.3
6	☐	250.000	247.699	4194358.66	0.6203	A	0.4
7	☐	500.000	501.546	8653992.61	1.2559	A	0.7
8	☐	1000.000	1000.045	18045067.53	2.5041	A	0.8
9	☐			34669.58	0.0050	P	1.7

$$y = 0.0025 * x + 1.6595\text{E-}004$$

$$R = 1.0000$$

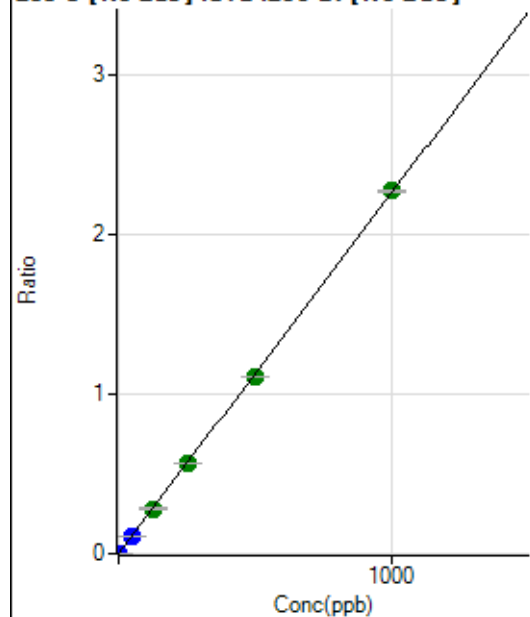
$$DL = 0.007659$$

$$BEC = 0.06628$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	57.2
2	☐	0.100					
3	☐	1.000	0.912	13794.40	0.0021	P	2.5
4	☐	50.000	48.461	734181.29	0.1098	P	1.1
5	☐	125.000	125.116	1894622.83	0.2834	A	1.2
6	☐	250.000	248.645	3807845.35	0.5632	A	0.1
7	☐	500.000	490.407	7653932.55	1.1108	A	0.7
8	☐	1000.000	1005.198	16407217.21	2.2767	A	0.3
9	☐			4401.00	0.0006	P	5.7

$$y = 0.0023 * x + 1.2258E-005$$

$$R = 0.9999$$

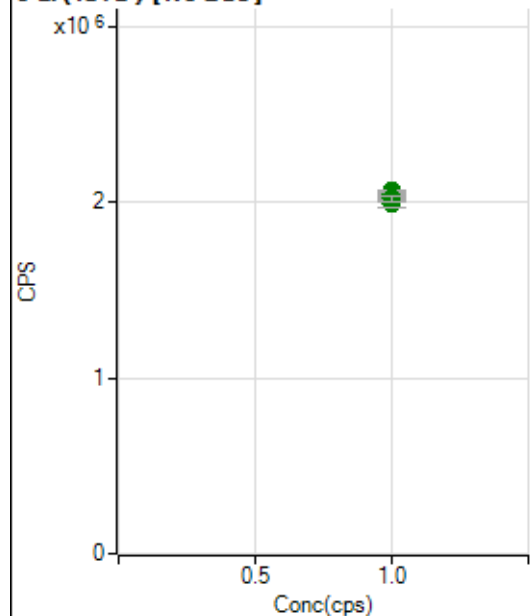
$$DL = 0.009293$$

$$BEC = 0.005412$$

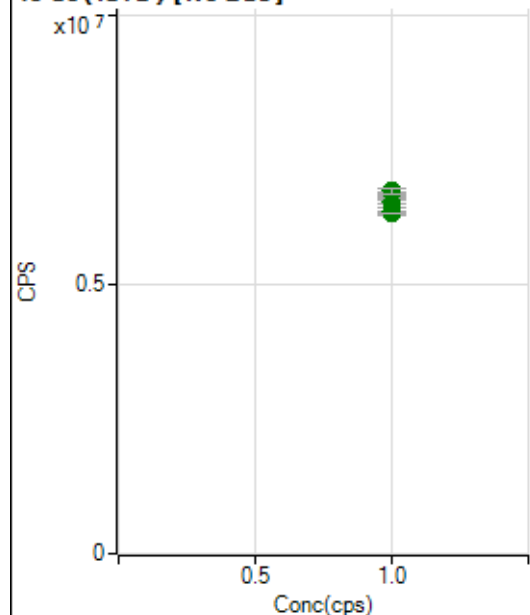
Weight: <None>

Min Conc: 0

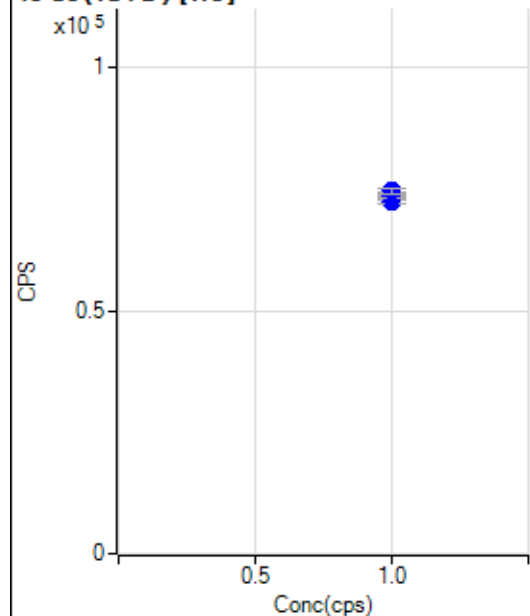
6 Li (ISTD) [No Gas]



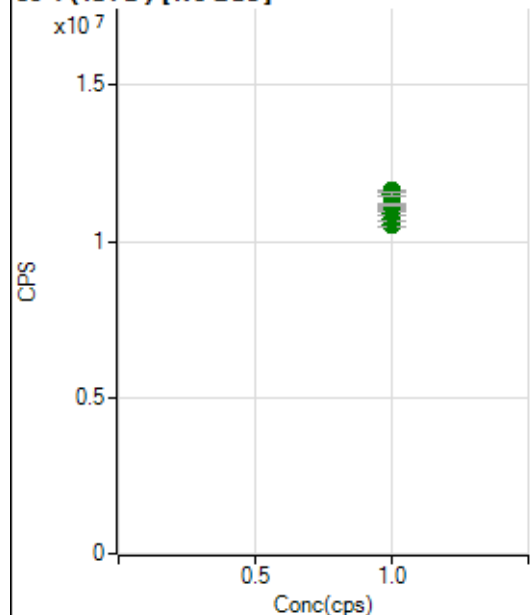
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1990032.05		A	2.3
2	☐	1.000					
3	☐	1.000		2049255.52		A	2.0
4	☐	1.000		2064597.37		A	0.3
5	☐	1.000		2037385.26		A	0.6
6	☐	1.000		2043176.13		A	0.6
7	☐	1.000		2050838.49		A	1.1
8	☐	1.000		2063222.33		A	0.9
9	☐	1.000		2022508.11		A	1.8

45 Sc (ISTD) [No Gas]

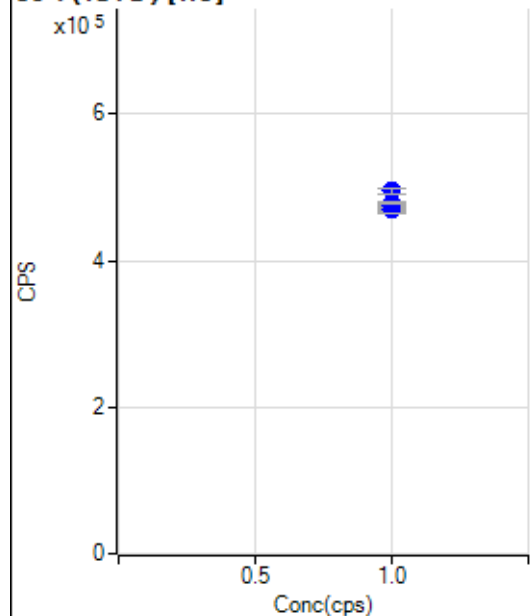
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6311148.06		A	1.2
2	☐	1.000					
3	☐	1.000		6368446.71		A	1.8
4	☐	1.000		6497425.84		A	0.2
5	☐	1.000		6519713.77		A	1.1
6	☐	1.000		6555890.68		A	0.1
7	☐	1.000		6610707.40		A	0.4
8	☐	1.000		6701852.32		A	0.2
9	☐	1.000		6734722.72		A	1.5

45 Sc (ISTD) [He]

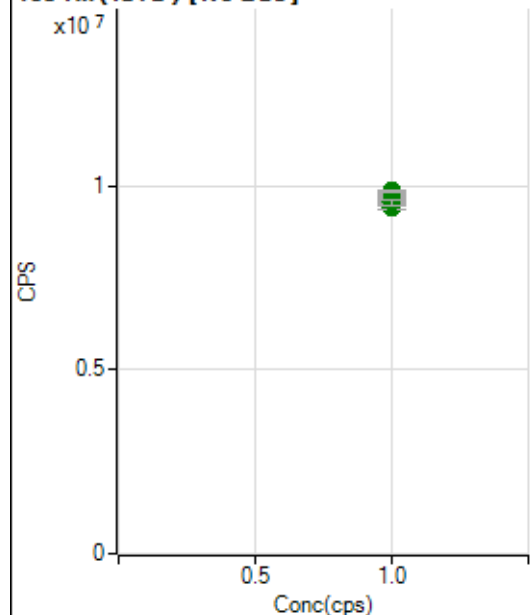
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		72912.74		P	0.4
2	☐	1.000					
3	☐	1.000		73323.56		P	1.4
4	☐	1.000		74099.72		P	0.9
5	☐	1.000		74065.37		P	0.6
6	☐	1.000		73797.29		P	1.0
7	☐	1.000		72649.42		P	2.0
8	☐	1.000		73339.11		P	0.2
9	☐	1.000		74698.55		P	1.9

89 Y (ISTD) [No Gas]

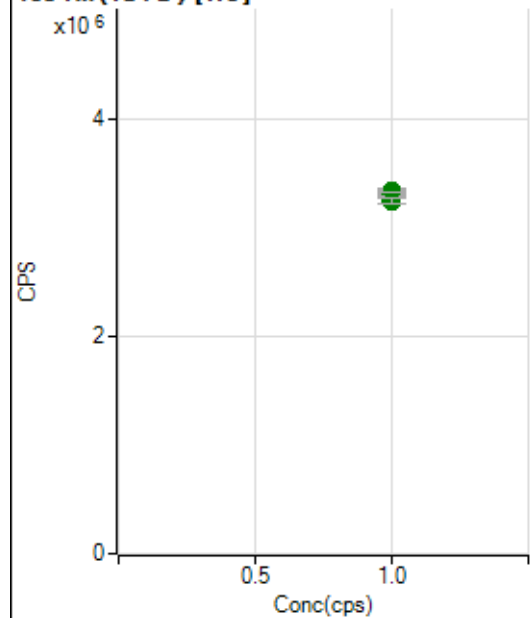
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10557297.34		A	1.7
2	☐	1.000					
3	☐	1.000		10747182.34		A	1.8
4	☐	1.000		10902618.59		A	0.7
5	☐	1.000		10996123.31		A	0.7
6	☐	1.000		11149304.42		A	0.9
7	☐	1.000		11203088.03		A	0.5
8	☐	1.000		11620985.24		A	0.2
9	☐	1.000		11529557.19		A	1.3

89 Y (ISTD) [He]

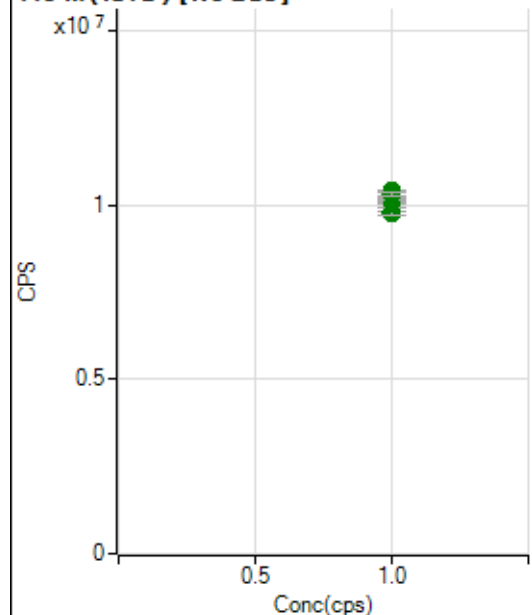
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		468915.99		P	0.6
2	☐	1.000					
3	☐	1.000		472889.71		P	0.9
4	☐	1.000		474610.54		P	0.7
5	☐	1.000		475391.12		P	1.1
6	☐	1.000		475780.95		P	1.8
7	☐	1.000		470095.83		P	2.6
8	☐	1.000		478305.83		P	0.4
9	☐	1.000		494939.54		P	1.3

103 Rh (ISTD) [No Gas]

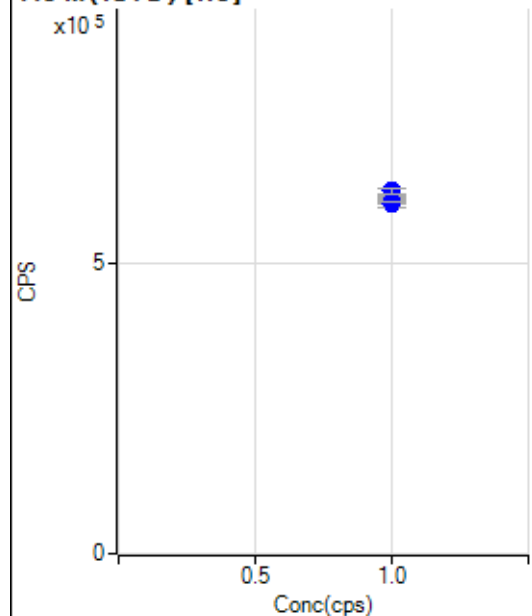
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9423056.37		A	2.0
2	☐	1.000					
3	☐	1.000		9592635.20		A	2.3
4	☐	1.000		9617198.13		A	0.9
5	☐	1.000		9648720.18		A	1.1
6	☐	1.000		9700675.04		A	0.7
7	☐	1.000		9762737.54		A	0.2
8	☐	1.000		9852209.68		A	0.8
9	☐	1.000		9542209.07		A	1.5

103 Rh (ISTD) [He]

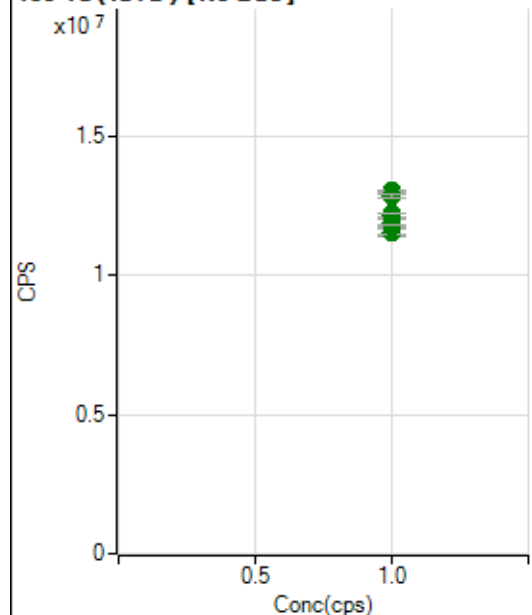
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3301959.98		A	0.6
2	☐	1.000					
3	☐	1.000		3338232.14		A	1.1
4	☐	1.000		3332350.50		A	1.1
5	☐	1.000		3324345.72		A	0.8
6	☐	1.000		3291108.04		A	1.6
7	☐	1.000		3258899.92		A	1.8
8	☐	1.000		3306269.85		A	1.0
9	☐	1.000		3243652.59		A	1.5

115 In (ISTD) [No Gas]

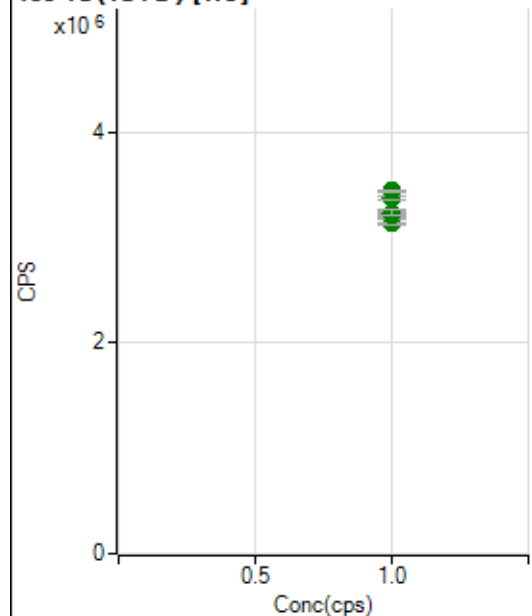
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9773732.51		A	1.2
2	☐	1.000					
3	☐	1.000		9815094.56		A	2.5
4	☐	1.000		10035565.17		A	1.9
5	☐	1.000		10069621.71		A	0.7
6	☐	1.000		10088671.28		A	0.5
7	☐	1.000		10168179.83		A	0.8
8	☐	1.000		10408268.24		A	0.3
9	☐	1.000		10308530.70		A	1.3

115 In (ISTD) [He]

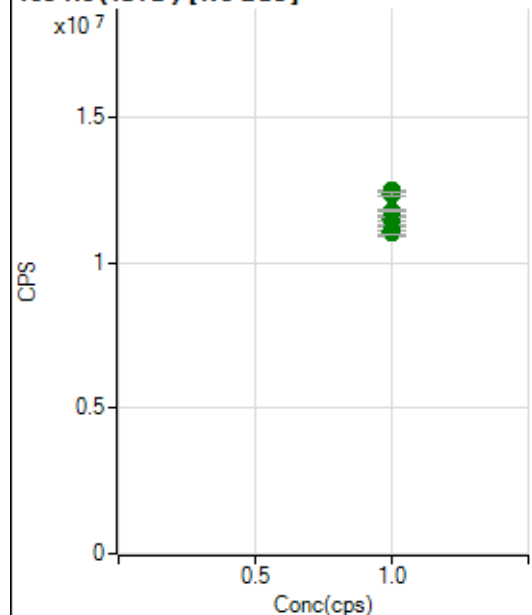
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		604257.68		P	0.6
2	☐	1.000					
3	☐	1.000		609361.23		P	0.3
4	☐	1.000		611297.12		P	0.7
5	☐	1.000		611567.17		P	1.0
6	☐	1.000		606314.78		P	1.4
7	☐	1.000		602929.84		P	2.4
8	☐	1.000		605097.19		P	0.4
9	☐	1.000		623721.41		P	1.3

159 Tb (ISTD) [No Gas]

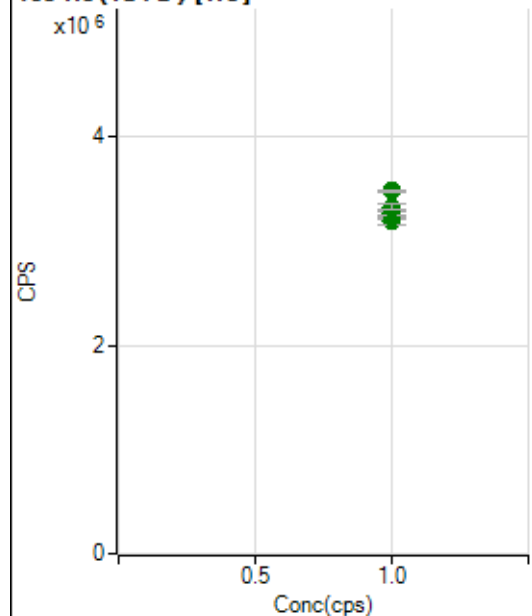
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11513581.22		A	2.2
2	☐	1.000					
3	☐	1.000		11548124.97		A	2.1
4	☐	1.000		11756950.38		A	0.4
5	☐	1.000		11894839.96		A	1.5
6	☐	1.000		12142157.60		A	0.9
7	☐	1.000		12219638.71		A	0.5
8	☐	1.000		13018811.06		A	0.2
9	☐	1.000		12846867.03		A	0.8

159 Tb (ISTD) [He]

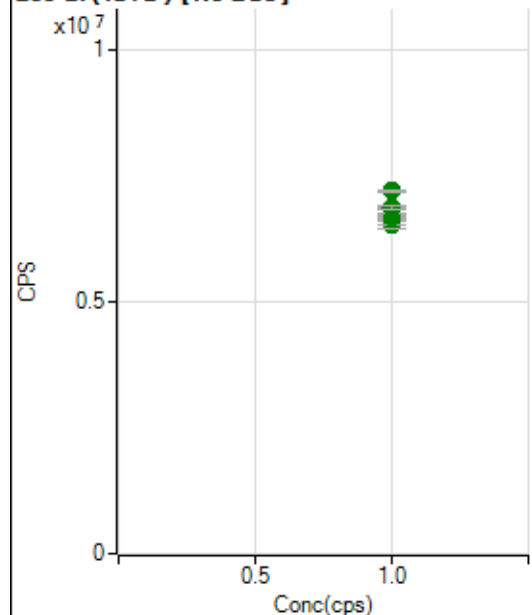
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3128321.38		A	0.5
2	☐	1.000					
3	☐	1.000		3127424.16		A	0.7
4	☐	1.000		3214370.64		A	1.4
5	☐	1.000		3212794.64		A	1.4
6	☐	1.000		3201828.77		A	1.6
7	☐	1.000		3234895.79		A	2.1
8	☐	1.000		3377445.12		A	1.0
9	☐	1.000		3438519.81		A	0.6

165 Ho (ISTD) [No Gas]

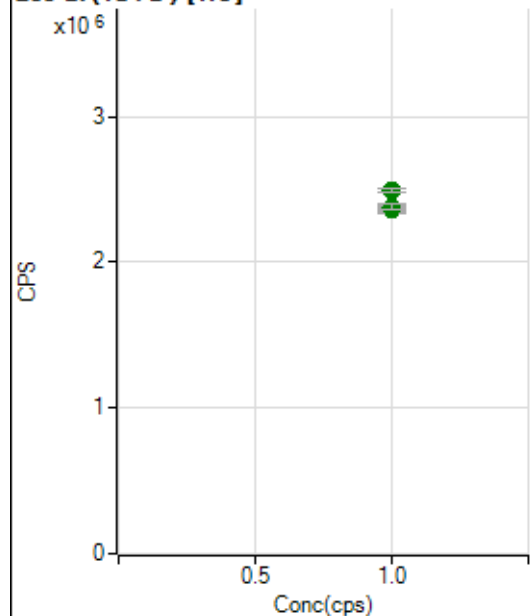
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11036190.52		A	1.6
2	☐	1.000					
3	☐	1.000		11141227.59		A	2.1
4	☐	1.000		11325796.61		A	0.4
5	☐	1.000		11510004.42		A	1.3
6	☐	1.000		11607047.57		A	0.7
7	☐	1.000		11811196.19		A	0.9
8	☐	1.000		12493007.83		A	0.1
9	☐	1.000		12390196.11		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3185214.33		A	1.3
2	☐	1.000					
3	☐	1.000		3228577.14		A	0.9
4	☐	1.000		3230269.36		A	0.5
5	☐	1.000		3268620.54		A	1.5
6	☐	1.000		3273345.16		A	1.2
7	☐	1.000		3329786.34		A	2.0
8	☐	1.000		3482270.12		A	0.7
9	☐	1.000		3480626.62		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6525659.90		A	2.3
2	☐	1.000					
3	☐	1.000		6638323.10		A	2.7
4	☐	1.000		6688490.25		A	0.9
5	☐	1.000		6685704.55		A	0.5
6	☐	1.000		6761320.31		A	0.1
7	☐	1.000		6890681.84		A	0.6
8	☐	1.000		7206512.95		A	0.5
9	☐	1.000		6868109.20		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2361428.87		A	1.2
2	☐	1.000					
3	☐	1.000		2371866.27		A	1.6
4	☐	1.000		2366132.71		A	0.7
5	☐	1.000		2374094.65		A	0.8
6	☐	1.000		2370359.77		A	1.8
7	☐	1.000		2367591.21		A	2.8
8	☐	1.000		2488500.64		A	1.2
9	☐	1.000		2375730.97		A	1.8

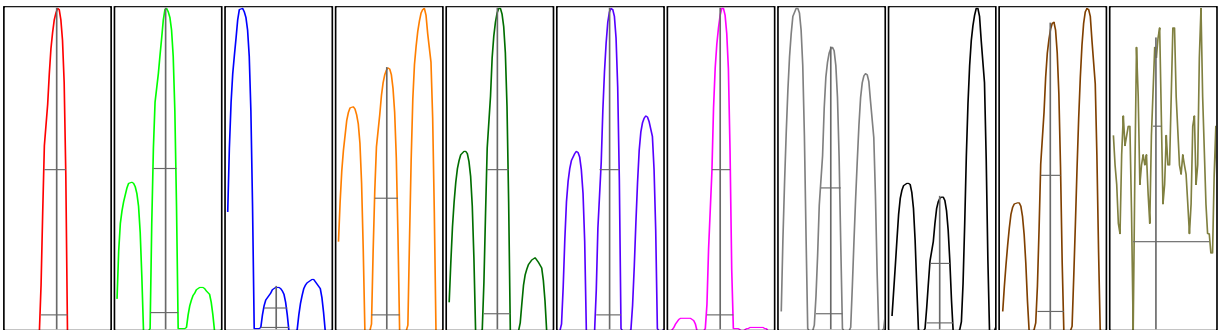
US EPA Tune Check Sample Report

Batch Folder D:\P8052318-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7244	1.46	5.00	
24	107309	1.44	5.00	
25	14507	0.88	5.00	
26	16879	0.99	5.00	
59	76249	1.34	5.00	
113	12319	2.89	5.00	
115	203866	2.68	5.00	
206	24149	2.30	5.00	
207	22047	2.22	5.00	
208	52714	2.34	5.00	
220	1	18.87		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7062	7333	7258	7291	7277
24	105475	106141	109414	107600	107917
25	14332	14434	14665	14529	14572
26	16648	16858	17120	16905	16866
59	74807	77265	75825	76171	77178
113	12104	12718	12029	12044	12697
115	202553	209670	197224	200599	209285
206	24481	24062	23353	24019	24832
207	22499	21629	21413	22370	22324
208	53713	51614	51226	53957	53060
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12473	9.00	8.9 - 9.1		0.777	0.900	
24	176302	23.95	23.9 - 24.1		0.786	0.900	
25	23838	24.95	24.9 - 25.1		0.786	0.900	
26	27908	25.95	25.9 - 26.1		0.785	0.900	
59	132336	58.95	58.9 - 59.1		0.777	0.900	
113	23337	113.00	112.9 - 113.1		0.726	0.900	
115	382325	115.00	114.9 - 115.1		0.759	0.900	
206	44627	206.00	205.9 - 206.1		0.771	0.900	
207	40476	206.95	206.9 - 207.1		0.775	0.900	
208	97084	207.95	207.9 - 208.1		0.771	0.900	
220	2	219.80	-		2.144		

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	8.3	V	Deflect	15.2	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	12356	1.62	
89	15118	1.68	
205	10687	1.58	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12356	12530	12504	12364	12027
89	15100	15266	15364	15157	14703
205	10650	10836	10796	10741	10413

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	8.3	V	Deflect	2.0	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.70	0.36	0.34	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.29	-0.19	0.48	0.00	N/A	ppb
Boron	11-1	-0.06	0.22	-0.17	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.10	0.06	0.00	N/A	ppb
Cadmium	106-1	0.61	-1.29	0.68	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	-6.14	8.50	-2.36	0.00	N/A	ppb
Calcium	44-1	0.03	0.65	-0.68	0.00	N/A	ppb
Chromium	52-2	0.01	0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	0.02	-0.04	0.00	N/A	ppb
Iron	57-2	-0.10	0.22	-0.12	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.09	0.53	-0.62	0.00	N/A	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	15.15	0.02	14.88	10.02	86.43	ppb
Potassium	39-2	7.36	-4.85	-2.51	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.41	1.22	1.19	0.00	N/A	ppb
Selenium	78-2	-1.01	0.21	0.81	0.00	N/A	ppb
Selenium	82-1	-0.09	0.10	0.00	0.00	N/A	ppb
Silicon	28-1	1.49	-0.16	-1.32	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.70	0.23	-1.93	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	191.10	29.75	-236.55	-5.23		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	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.04	0.01	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	-0.18	0.22	0.00	N/A	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

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

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.22	9.81	20.23	18.75	44.28	ppb
Antimony	121-1	1.85	2.01	1.94	1.93	4.12	ppb
Arsenic	75-2	0.96	1.00	1.16	1.04	10.11	ppb
Barium	135-1	9.50	10.27	9.77	9.85	3.95	ppb
Barium	137-1	9.69	10.00	9.79	9.83	1.61	ppb
Beryllium	9-1	0.84	1.05	0.91	0.93	11.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	23.06	22.59	23.35	23.00	1.66	ppb
Boron	11-1	23.14	22.33	24.63	23.36	4.99	ppb
Cadmium	111-1	0.88	1.02	1.07	0.99	10.06	ppb
Cadmium	106-1	-0.05	1.23	1.59	0.92	93.03	ppb
Cadmium	108-1	0.68	1.21	0.77	0.88	32.02	ppb
Calcium	43-1	441.66	489.78	454.01	461.82	5.41	ppb
Calcium	44-1	445.64	468.93	457.20	457.26	2.55	ppb
Chromium	52-2	2.12	1.96	2.01	2.03	4.06	ppb
Cobalt	59-2	0.97	0.99	0.97	0.97	1.18	ppb
Copper	63-2	2.01	1.91	1.97	1.96	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	49.21	49.84	48.78	49.28	1.08	ppb
Iron	57-2	47.20	46.50	51.32	48.34	5.39	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.99	0.94	0.96	3.36	ppb
Lead	207-1	0.86	0.94	0.96	0.92	5.84	ppb
Lead	208-1	0.91	0.99	0.94	0.95	4.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	517.60	505.52	490.92	504.68	2.65	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.31	1.05	1.18	10.94	ppb
Molybdenum	94-1	4.69	4.92	4.88	4.83	2.56	ppb
Molybdenum	95-1	4.37	4.82	4.77	4.65	5.26	ppb
Molybdenum	96-1	4.79	4.83	4.75	4.79	0.85	ppb
Molybdenum	97-1	4.74	4.74	4.71	4.73	0.36	ppb
Molybdenum	98-1	4.74	4.87	4.75	4.78	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.03	0.92	1.03	10.74	ppb
Phosphorus	31-2	-14.96	-0.14	-14.96	-10.02		ppb
Potassium	39-2	473.75	492.44	457.70	474.63	3.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	1.16	4.85	8.33	4.78	75.08	ppb
Selenium	78-2	3.80	5.71	6.83	5.45	28.20	ppb
Selenium	82-1	4.41	3.74	3.75	3.97	9.68	ppb
Silicon	28-1	13.31	17.01	18.31	16.21	16.01	ppb
Silver	109-1	1.13	0.92	1.02	1.02	9.86	ppb
Silver	107-1	1.05	1.02	1.07	1.04	2.41	ppb
Sodium	23-2	509.85	497.15	492.39	499.80	1.81	ppb
Strontium	86-1	1.04	1.05	0.98	1.02	3.60	ppb
Strontium	88-1	0.99	1.02	0.97	0.99	2.09	ppb
Sulfur	34-1	-332.88	263.50	85.08	5.23	5847.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.96	0.96	0.97	1.03	ppb
Thallium	205-1	0.90	0.96	0.99	0.95	4.64	ppb
Tin	118-1	4.90	5.10	5.17	5.06	2.75	ppb
Titanium	47-1	4.93	4.76	5.07	4.92	3.09	ppb
Uranium	238-1	0.89	0.91	0.93	0.91	2.53	ppb
Vanadium	51-2	4.85	4.48	4.65	4.66	4.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1.69	1.81	1.83	1.78	4.13	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	1.00	1.00	0.97	3.82	ppb
Zirconium	91-1	0.90	0.94	0.86	0.90	4.25	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1051.62	1000.90	1000.92	1017.81	2.88	ppb
Antimony	121-1	50.71	50.84	51.16	50.90	0.46	ppb
Arsenic	75-2	49.66	48.24	50.21	49.37	2.06	ppb
Barium	135-1	254.61	254.84	257.84	255.76	0.70	ppb
Barium	137-1	255.72	259.12	259.61	258.15	0.82	ppb
Beryllium	9-1	50.48	50.34	51.21	50.68	0.92	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	47.89	50.44	52.60	50.31	4.69	ppb
Boron	11-1	48.40	49.16	50.40	49.32	2.05	ppb
Cadmium	111-1	52.31	52.20	52.86	52.46	0.67	ppb
Cadmium	106-1	54.23	58.47	52.70	55.13	5.42	ppb
Cadmium	108-1	52.96	52.12	51.99	52.36	1.01	ppb
Calcium	43-1	4887.47	5023.29	4876.21	4928.99	1.66	ppb
Calcium	44-1	5056.91	4900.48	5055.25	5004.21	1.80	ppb
Chromium	52-2	50.08	50.49	49.17	49.91	1.36	ppb
Cobalt	59-2	49.40	50.49	48.89	49.60	1.65	ppb
Copper	63-2	100.88	101.32	98.78	100.33	1.35	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				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2604.57	2593.65	2562.21	2586.81	0.85	ppb
Iron	57-2	2578.89	2594.88	2561.76	2578.51	0.64	ppb
Krypton	83-1						cps
Lead	206-1	49.18	49.86	48.98	49.34	0.94	ppb
Lead	207-1	47.74	48.71	47.50	47.98	1.33	ppb
Lead	208-1	48.53	49.40	48.67	48.87	0.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	5179.89	5253.14	5110.05	5181.03	1.38	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.17	100.31	97.56	99.35	1.56	ppb
Molybdenum	94-1	248.83	250.95	251.59	250.46	0.58	ppb
Molybdenum	95-1	248.92	252.66	250.30	250.63	0.75	ppb
Molybdenum	96-1	247.11	249.28	252.11	249.50	1.01	ppb
Molybdenum	97-1	244.64	245.54	245.33	245.17	0.19	ppb
Molybdenum	98-1	251.21	248.90	252.02	250.71	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.75	50.97	50.33	50.68	0.65	ppb
Phosphorus	31-2	1006.18	1172.47	890.10	1022.92	13.88	ppb
Potassium	39-2	2572.37	2625.01	2517.96	2571.78	2.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	47.79	62.34	36.62	48.92	26.36	ppb
Selenium	78-2	47.39	41.48	54.06	47.64	13.22	ppb
Selenium	82-1	51.77	49.65	50.03	50.48	2.24	ppb
Silicon	28-1	59.49	60.22	59.16	59.62	0.91	ppb
Silver	109-1	53.04	53.05	52.69	52.93	0.39	ppb
Silver	107-1	53.29	53.10	53.52	53.31	0.40	ppb
Sodium	23-2	5231.78	5221.40	5152.45	5201.88	0.83	ppb
Strontium	86-1	49.29	50.37	51.00	50.22	1.72	ppb
Strontium	88-1	50.19	51.02	50.98	50.73	0.93	ppb
Sulfur	34-1	804.20	652.78	725.77	727.58	10.41	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	49.19	49.52	49.58	49.43	0.42	ppb
Thallium	205-1	49.23	49.58	49.21	49.34	0.43	ppb
Tin	118-1	51.20	51.31	51.84	51.45	0.67	ppb
Titanium	47-1	250.77	251.11	257.37	253.08	1.47	ppb
Uranium	238-1	48.33	49.06	47.99	48.46	1.13	ppb
Vanadium	51-2	49.75	49.70	49.92	49.79	0.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	102.02	101.16	100.39	101.19	0.81	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.39	49.59	50.32	49.77	0.98	ppb
Zirconium	91-1	47.93	49.13	49.89	48.99	2.01	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2542.51	2529.10	2558.19	2543.27	0.57	ppb
Antimony	121-1	125.86	128.28	130.75	128.29	1.91	ppb
Arsenic	75-2	122.53	124.48	123.11	123.37	0.81	ppb
Barium	135-1	636.96	642.74	655.90	645.20	1.50	ppb
Barium	137-1	651.77	659.02	654.91	655.23	0.55	ppb
Beryllium	9-1	127.37	125.35	125.16	125.96	0.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	120.44	128.14	125.74	124.78	3.16	ppb
Boron	11-1	124.60	123.75	126.82	125.06	1.27	ppb
Cadmium	111-1	127.99	129.05	131.93	129.66	1.57	ppb
Cadmium	106-1	129.07	130.96	134.28	131.44	2.01	ppb
Cadmium	108-1	127.91	126.70	132.53	129.05	2.38	ppb
Calcium	43-1	12114.60	12438.94	12630.48	12394.67	2.10	ppb
Calcium	44-1	12210.09	12587.15	12304.44	12367.23	1.59	ppb
Chromium	52-2	125.68	123.68	126.00	125.12	1.00	ppb
Cobalt	59-2	123.25	123.07	125.96	124.09	1.30	ppb
Copper	63-2	249.65	247.81	251.67	249.71	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	6376.53	6409.81	6445.81	6410.72	0.54	ppb
Iron	57-2	6325.11	6390.42	6412.26	6375.93	0.71	ppb
Krypton	83-1						cps
Lead	206-1	124.02	123.03	124.65	123.90	0.66	ppb
Lead	207-1	120.33	120.52	120.37	120.40	0.08	ppb
Lead	208-1	123.35	123.32	123.88	123.51	0.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	13048.04	12814.10	13020.50	12960.88	0.99	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	249.35	249.68	251.73	250.25	0.52	ppb
Molybdenum	94-1	629.74	631.30	637.42	632.82	0.64	ppb
Molybdenum	95-1	637.70	620.52	650.78	636.33	2.39	ppb
Molybdenum	96-1	635.92	624.45	638.13	632.83	1.16	ppb
Molybdenum	97-1	612.81	612.27	622.07	615.72	0.89	ppb
Molybdenum	98-1	626.62	630.45	636.78	631.28	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.53	126.95	127.60	126.69	0.84	ppb
Phosphorus	31-2	2634.39	2599.78	2673.27	2635.81	1.39	ppb
Potassium	39-2	6468.04	6364.47	6441.91	6424.81	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	103.57	172.59	98.64	124.93	33.10	ppb
Selenium	78-2	130.73	140.62	150.02	140.46	6.87	ppb
Selenium	82-1	127.70	126.15	129.64	127.83	1.37	ppb
Silicon	28-1	150.84	154.41	158.16	154.47	2.37	ppb
Silver	109-1	127.55	131.19	133.61	130.78	2.33	ppb
Silver	107-1	129.51	134.28	134.46	132.75	2.12	ppb
Sodium	23-2	13306.27	13168.25	13385.79	13286.77	0.83	ppb
Strontium	86-1	123.47	124.69	126.78	124.98	1.34	ppb
Strontium	88-1	127.51	126.83	128.92	127.75	0.83	ppb
Sulfur	34-1	2092.42	2312.39	2257.41	2220.74	5.15	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	125.01	124.38	124.00	124.46	0.41	ppb
Thallium	205-1	125.22	124.60	125.85	125.22	0.50	ppb
Tin	118-1	126.31	128.42	129.68	128.14	1.33	ppb
Titanium	47-1	624.66	636.37	630.87	630.63	0.93	ppb
Uranium	238-1	125.75	123.40	126.20	125.12	1.20	ppb
Vanadium	51-2	123.31	121.54	126.02	123.62	1.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	250.15	249.30	252.05	250.50	0.56	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	125.02	124.98	128.62	126.21	1.66	ppb
Zirconium	91-1	122.84	122.44	123.57	122.95	0.47	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5056.87	5095.05	5096.96	5082.96	0.44	ppb
Antimony	121-1	250.52	252.13	254.79	252.48	0.85	ppb
Arsenic	75-2	248.09	255.18	248.78	250.69	1.56	ppb
Barium	135-1	1288.35	1293.75	1283.23	1288.45	0.41	ppb
Barium	137-1	1271.88	1275.21	1290.54	1279.21	0.78	ppb
Beryllium	9-1	250.01	251.78	247.04	249.61	0.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	241.86	255.54	250.61	249.34	2.78	ppb
Boron	11-1	247.11	254.22	253.42	251.59	1.55	ppb
Cadmium	111-1	252.79	256.28	254.24	254.44	0.69	ppb
Cadmium	106-1	258.19	263.41	256.26	259.29	1.43	ppb
Cadmium	108-1	248.12	260.22	259.30	255.88	2.63	ppb
Calcium	43-1	24759.27	24787.95	24869.01	24805.41	0.23	ppb
Calcium	44-1	24404.12	24632.24	24339.09	24458.48	0.63	ppb
Chromium	52-2	249.99	253.46	249.59	251.01	0.85	ppb
Cobalt	59-2	246.60	250.47	248.05	248.37	0.79	ppb
Copper	63-2	496.29	504.18	499.87	500.11	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	12581.64	12881.21	12800.96	12754.60	1.22	ppb
Iron	57-2	12764.55	12994.42	12773.97	12844.31	1.01	ppb
Krypton	83-1						cps
Lead	206-1	247.24	249.61	245.90	247.58	0.76	ppb
Lead	207-1	238.63	241.10	240.17	239.97	0.52	ppb
Lead	208-1	246.51	248.40	248.19	247.70	0.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	25811.31	26252.20	25965.49	26009.67	0.86	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.53	509.76	501.64	504.98	0.84	ppb
Molybdenum	94-1	1280.19	1251.03	1261.43	1264.22	1.17	ppb
Molybdenum	95-1	1253.34	1231.23	1240.38	1241.65	0.89	ppb
Molybdenum	96-1	1275.78	1247.53	1255.38	1259.56	1.16	ppb
Molybdenum	97-1	1295.80	1254.24	1251.87	1267.30	1.95	ppb
Molybdenum	98-1	1254.83	1239.82	1234.99	1243.21	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.49	258.60	254.02	254.70	1.41	ppb
Phosphorus	31-2	5270.99	5872.19	5284.90	5476.02	6.27	ppb
Potassium	39-2	12731.18	13152.86	12744.50	12876.18	1.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	275.34	245.27	281.37	267.33	7.23	ppb
Selenium	78-2	254.12	251.62	245.02	250.26	1.88	ppb
Selenium	82-1	255.82	251.58	250.54	252.64	1.11	ppb
Silicon	28-1	274.63	275.35	276.24	275.41	0.29	ppb
Silver	109-1	259.97	262.52	263.74	262.07	0.73	ppb
Silver	107-1	256.76	263.80	264.31	261.62	1.61	ppb
Sodium	23-2	26098.23	27357.18	26635.21	26696.87	2.37	ppb
Strontium	86-1	250.31	247.10	247.40	248.27	0.71	ppb
Strontium	88-1	252.10	249.25	251.73	251.03	0.62	ppb
Sulfur	34-1	4671.91	4636.01	4630.31	4646.08	0.49	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	246.37	247.07	245.41	246.28	0.34	ppb
Thallium	205-1	252.51	256.10	252.14	253.58	0.86	ppb
Tin	118-1	248.73	254.48	252.98	252.06	1.18	ppb
Titanium	47-1	1257.14	1271.09	1264.36	1264.20	0.55	ppb
Uranium	238-1	248.57	248.54	248.82	248.64	0.06	ppb
Vanadium	51-2	247.76	250.30	246.61	248.22	0.76	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	507.21	508.35	500.46	505.34	0.84	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.55	254.43	248.94	252.31	1.17	ppb
Zirconium	91-1	244.86	244.34	246.98	245.39	0.57	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10342.27	10184.48	10047.17	10191.31	1.45	ppb
Antimony	121-1	511.99	515.05	514.32	513.79	0.31	ppb
Arsenic	75-2	526.77	507.90	499.83	511.50	2.70	ppb
Barium	135-1	2536.41	2579.57	2582.39	2566.12	1.00	ppb
Barium	137-1	2519.73	2559.30	2581.42	2553.48	1.22	ppb
Beryllium	9-1	505.01	497.02	491.76	497.93	1.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	486.27	500.63	500.69	495.86	1.68	ppb
Boron	11-1	493.73	506.86	508.93	503.18	1.64	ppb
Cadmium	111-1	511.44	507.92	516.94	512.10	0.89	ppb
Cadmium	106-1	520.51	507.68	517.11	515.10	1.29	ppb
Cadmium	108-1	514.69	507.87	525.16	515.91	1.69	ppb
Calcium	43-1	49231.11	49552.79	49407.60	49397.17	0.33	ppb
Calcium	44-1	49230.99	49025.02	48962.92	49072.98	0.29	ppb
Chromium	52-2	511.39	507.56	494.58	504.51	1.75	ppb
Cobalt	59-2	512.64	510.67	495.15	506.15	1.89	ppb
Copper	63-2	1055.35	1023.90	1008.41	1029.22	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	26283.18	26280.40	25307.30	25956.96	2.17	ppb
Iron	57-2	26360.01	26317.06	25419.05	26032.04	2.04	ppb
Krypton	83-1						cps
Lead	206-1	503.65	490.20	499.12	497.66	1.37	ppb
Lead	207-1	500.24	493.86	505.77	499.96	1.19	ppb
Lead	208-1	504.52	497.48	502.65	501.55	0.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	53875.75	53003.33	52760.24	53213.11	1.10	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.28	1021.60	993.77	1014.88	1.84	ppb
Molybdenum	94-1	2492.13	2524.29	2454.22	2490.21	1.41	ppb
Molybdenum	95-1	2490.57	2543.02	2465.61	2499.73	1.58	ppb
Molybdenum	96-1	2511.65	2533.76	2496.00	2513.80	0.75	ppb
Molybdenum	97-1	2499.44	2515.98	2506.48	2507.30	0.33	ppb
Molybdenum	98-1	2526.19	2519.39	2509.13	2518.24	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.08	515.02	501.28	512.46	1.98	ppb
Phosphorus	31-2	10377.72	10437.09	9722.71	10179.18	3.89	ppb
Potassium	39-2	26333.55	26278.86	25271.53	25961.31	2.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	517.54	486.46	523.39	509.13	3.90	ppb
Selenium	78-2	508.55	520.70	508.18	512.48	1.39	ppb
Selenium	82-1	505.57	507.05	506.50	506.38	0.15	ppb
Silicon	28-1	522.29	520.47	519.34	520.70	0.29	ppb
Silver	109-1	520.58	511.32	525.83	519.24	1.42	ppb
Silver	107-1	517.87	513.99	527.00	519.62	1.28	ppb
Sodium	23-2	53464.24	53647.06	51591.73	52901.01	2.15	ppb
Strontium	86-1	499.19	497.59	501.02	499.27	0.34	ppb
Strontium	88-1	500.35	499.42	499.22	499.66	0.12	ppb
Sulfur	34-1	9833.64	9788.24	10144.77	9922.22	1.96	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	501.95	496.33	500.31	499.53	0.58	ppb
Thallium	205-1	508.19	491.69	499.46	499.78	1.65	ppb
Tin	118-1	515.69	517.73	517.75	517.06	0.23	ppb
Titanium	47-1	2560.28	2545.92	2545.17	2550.45	0.33	ppb
Uranium	238-1	489.50	487.46	494.26	490.41	0.71	ppb
Vanadium	51-2	511.32	509.06	494.14	504.84	1.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	1042.78	1038.00	1001.26	1027.34	2.21	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.88	505.59	499.87	503.45	0.62	ppb
Zirconium	91-1	496.40	498.59	492.72	495.90	0.60	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19581.56	19976.30	20440.94	19999.60	2.15	ppb
Antimony	121-1	989.12	995.12	991.85	992.03	0.30	ppb
Arsenic	75-2	997.70	991.33	993.91	994.31	0.32	ppb
Barium	135-1	4941.51	5042.23	4879.80	4954.51	1.65	ppb
Barium	137-1	4935.68	5017.60	4932.03	4961.77	0.98	ppb
Beryllium	9-1	1018.63	1005.81	978.51	1000.98	2.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	994.66	994.76	1017.47	1002.30	1.31	ppb
Boron	11-1	990.46	994.44	1009.35	998.08	1.00	ppb
Cadmium	111-1	980.79	998.46	997.15	992.14	0.99	ppb
Cadmium	106-1	985.26	996.16	985.78	989.07	0.62	ppb
Cadmium	108-1	987.41	992.70	989.75	989.95	0.27	ppb
Calcium	43-1	100472.64	98663.80	98601.62	99246.02	1.07	ppb
Calcium	44-1	98054.73	97262.50	98121.25	97812.83	0.49	ppb
Chromium	52-2	998.40	996.08	997.96	997.48	0.12	ppb
Cobalt	59-2	1001.06	990.11	1001.22	997.47	0.64	ppb
Copper	63-2	1995.06	1968.89	1992.19	1985.38	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	51420.63	51201.33	50916.34	51179.43	0.49	ppb
Iron	57-2	51155.85	51126.35	51103.89	51128.70	0.05	ppb
Krypton	83-1						cps
Lead	206-1	996.91	1000.13	1008.80	1001.95	0.61	ppb
Lead	207-1	997.84	1001.30	1010.48	1003.21	0.65	ppb
Lead	208-1	990.87	1002.69	1006.58	1000.04	0.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	101923.18	101993.63	102452.03	102122.95	0.28	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1995.58	1980.94	1997.42	1991.32	0.45	ppb
Molybdenum	94-1	4957.76	5043.04	5000.22	5000.34	0.85	ppb
Molybdenum	95-1	5011.26	5005.09	4985.97	5000.77	0.26	ppb
Molybdenum	96-1	4960.47	4992.05	5016.74	4989.75	0.57	ppb
Molybdenum	97-1	4994.88	5014.87	4970.53	4993.43	0.44	ppb
Molybdenum	98-1	5019.65	4999.20	4956.42	4991.76	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.71	991.09	993.24	992.35	0.11	ppb
Phosphorus	31-2	20037.61	18932.43	20349.81	19773.28	3.77	ppb
Potassium	39-2	50946.75	50822.04	50993.61	50920.80	0.17	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	952.56	1069.60	951.34	991.17	6.85	ppb
Selenium	78-2	1001.50	976.45	997.69	991.88	1.36	ppb
Selenium	82-1	993.58	995.83	997.92	995.78	0.22	ppb
Silicon	28-1	988.86	978.88	969.48	979.07	0.99	ppb
Silver	109-1	981.52	992.14	985.82	986.49	0.54	ppb
Silver	107-1	978.40	986.19	993.85	986.15	0.78	ppb
Sodium	23-2	104421.65	101856.97	103875.31	103384.64	1.31	ppb
Strontium	86-1	1002.09	1003.70	996.58	1000.79	0.37	ppb
Strontium	88-1	1001.01	1003.84	993.75	999.53	0.52	ppb
Sulfur	34-1	20352.68	20093.48	20081.54	20175.90	0.76	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	1000.72	996.45	1006.62	1001.26	0.51	ppb
Thallium	205-1	987.39	1004.50	1005.77	999.22	1.03	ppb
Tin	118-1	987.53	1000.73	983.22	990.49	0.92	ppb
Titanium	47-1	4966.84	4961.50	4982.76	4970.37	0.22	ppb
Uranium	238-1	1001.24	1007.33	1007.03	1005.20	0.34	ppb
Vanadium	51-2	1003.56	995.81	995.27	998.21	0.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1976.68	1983.65	1994.28	1984.87	0.45	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	987.95	1001.85	1002.88	997.56	0.84	ppb
Zirconium	91-1	999.30	1012.50	998.72	1003.51	0.78	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99834.52	101436.86	98655.25	99975.54	1.40	ppb
Antimony	121-1	2.69	2.51	2.36	2.52	6.62	ppb
Arsenic	75-2	0.63	0.59	0.51	0.58	11.03	ppb
Barium	135-1	2.16	2.16	2.02	2.12	3.89	ppb
Barium	137-1	2.14	1.97	1.89	2.00	6.21	ppb
Beryllium	9-1	0.25	0.20	0.25	0.23	11.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	45.22	40.88	41.96	42.69	5.29	ppb
Boron	11-1	45.51	43.20	37.46	42.06	9.86	ppb
Cadmium	111-1	0.20	0.44	0.23	0.29	43.63	ppb
Cadmium	106-1	-0.04	3.19	0.30	1.15	153.92	ppb
Cadmium	108-1	0.15	0.52	0.18	0.28	73.52	ppb
Calcium	43-1	499536.44	506995.94	494140.19	500224.19	1.29	ppb
Calcium	44-1	496853.56	506823.75	498004.29	500560.53	1.09	ppb
Chromium	52-2	49.27	51.09	48.96	49.77	2.32	ppb
Cobalt	59-2	1.75	1.74	1.66	1.72	2.70	ppb
Copper	63-2	4.31	4.21	4.05	4.19	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	247129.50	253864.22	247958.68	249650.80	1.47	ppb
Iron	57-2	247703.40	254627.01	246619.32	249649.91	1.74	ppb
Krypton	83-1						cps
Lead	206-1	1.99	1.95	2.04	1.99	2.30	ppb
Lead	207-1	1.98	1.89	1.80	1.89	4.78	ppb
Lead	208-1	1.98	1.95	1.91	1.95	1.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	498233.13	509495.07	489842.64	499190.28	1.98	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CAL5_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.05	10.33	10.20	10.19	1.38	ppb
Molybdenum	94-1	7.17	6.94	6.67	6.93	3.63	ppb
Molybdenum	95-1	9.48	8.87	8.84	9.06	3.98	ppb
Molybdenum	96-1	9.41	9.56	8.98	9.32	3.26	ppb
Molybdenum	97-1	9.13	8.93	8.76	8.94	2.07	ppb
Molybdenum	98-1	9.20	9.59	8.85	9.21	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.11	31.20	30.00	30.77	2.16	ppb
Phosphorus	31-2	-0.38	-0.03	56.92	18.84	175.10	ppb
Potassium	39-2	250124.98	251724.74	247237.87	249695.86	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	2.46	0.74	1.84	1.68	51.66	ppb
Selenium	82-1	0.70	0.35	0.79	0.61	37.55	ppb
Silicon	28-1	55.05	59.35	55.45	56.62	4.20	ppb
Silver	109-1	0.19	0.18	0.17	0.18	6.15	ppb
Silver	107-1	0.19	0.21	0.19	0.20	5.85	ppb
Sodium	23-2	497591.64	507056.45	492131.23	498926.44	1.51	ppb
Strontium	86-1	34.66	34.30	33.87	34.28	1.15	ppb
Strontium	88-1	34.62	35.06	34.03	34.57	1.50	ppb
Sulfur	34-1	-1540.71	-1366.68	-1823.45	-1576.94		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.63	0.63	0.55	0.60	7.69	ppb
Thallium	205-1	0.62	0.57	0.54	0.58	7.04	ppb
Tin	118-1	1.82	1.75	1.70	1.76	3.53	ppb
Titanium	47-1	1.60	1.52	1.54	1.55	2.63	ppb
Uranium	238-1	0.30	0.27	0.26	0.28	5.85	ppb
Vanadium	51-2	0.73	0.56	0.61	0.63	14.07	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	8.87	8.86	8.15	8.63	4.82	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CALS_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.35	0.35	0.35	0.35	0.81	ppb
Zirconium	91-1	0.40	0.59	0.34	0.44	28.91	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.46	468.94	489.20	480.53	2.17	ppb
Antimony	121-1	194.38	192.66	193.12	193.39	0.46	ppb
Arsenic	75-2	190.16	186.13	191.67	189.32	1.51	ppb
Barium	135-1	101.55	100.90	97.70	100.05	2.06	ppb
Barium	137-1	99.77	99.13	97.45	98.78	1.21	ppb
Beryllium	9-1	96.01	95.14	93.71	94.95	1.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	538.60	552.03	534.72	541.79	1.68	ppb
Boron	11-1	537.09	550.23	539.88	542.40	1.28	ppb
Cadmium	111-1	102.45	102.80	99.40	101.55	1.84	ppb
Cadmium	106-1	158.84	155.36	152.10	155.43	2.17	ppb
Cadmium	108-1	130.14	129.04	128.06	129.08	0.81	ppb
Calcium	43-1	2059.74	2082.20	2080.79	2074.24	0.61	ppb
Calcium	44-1	1985.28	1951.20	1952.87	1963.11	0.98	ppb
Chromium	52-2	92.44	91.98	94.96	93.13	1.72	ppb
Cobalt	59-2	96.23	93.84	97.86	95.98	2.11	ppb
Copper	63-2	96.32	94.83	98.50	96.55	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	973.86	967.35	998.73	979.98	1.69	ppb
Iron	57-2	980.09	951.46	1057.03	996.19	5.48	ppb
Krypton	83-1						cps
Lead	206-1	192.66	189.90	193.04	191.87	0.89	ppb
Lead	207-1	179.93	178.36	180.38	179.56	0.59	ppb
Lead	208-1	190.32	187.07	188.73	188.71	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	1181.94	1176.60	1197.37	1185.30	0.91	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.72	92.68	97.82	95.41	2.71	ppb
Molybdenum	94-1	1123.07	1133.42	1141.72	1132.74	0.83	ppb
Molybdenum	95-1	518.40	511.22	514.91	514.84	0.70	ppb
Molybdenum	96-1	595.16	586.10	599.88	593.71	1.18	ppb
Molybdenum	97-1	507.04	492.77	502.33	500.71	1.45	ppb
Molybdenum	98-1	527.07	513.48	530.22	523.59	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.73	95.38	98.75	97.29	1.77	ppb
Phosphorus	31-2	-14.96	13.40	-14.96	-5.50		ppb
Potassium	39-2	1964.36	1999.30	1993.80	1985.82	0.95	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	197.36	183.63	219.30	200.10	8.99	ppb
Selenium	78-2	194.86	172.24	200.10	189.07	7.83	ppb
Selenium	82-1	195.45	194.29	195.22	194.99	0.32	ppb
Silicon	28-1	497.66	503.47	491.65	497.59	1.19	ppb
Silver	109-1	101.22	100.58	98.90	100.23	1.19	ppb
Silver	107-1	101.85	101.24	101.01	101.37	0.43	ppb
Sodium	23-2	2008.61	2004.31	2072.33	2028.42	1.88	ppb
Strontium	86-1	514.77	503.82	511.37	509.99	1.10	ppb
Strontium	88-1	515.95	501.52	515.05	510.84	1.58	ppb
Sulfur	34-1	-2018.45	-2042.43	-2065.25	-2042.04		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	196.43	192.13	196.65	195.07	1.31	ppb
Thallium	205-1	204.28	198.56	200.78	201.21	1.43	ppb
Tin	118-1	535.58	537.69	532.98	535.42	0.44	ppb
Titanium	47-1	515.88	514.38	514.63	514.96	0.16	ppb
Uranium	238-1	555.11	548.49	557.60	553.74	0.85	ppb
Vanadium	51-2	92.83	93.76	93.83	93.47	0.60	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	190.83	190.42	199.60	193.62	2.68	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	522.25	505.69	511.86	513.27	1.63	ppb
Zirconium	91-1	507.77	499.02	504.74	503.84	0.88	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	0.31	0.39	0.66	81.42	ppb
Antimony	121-1	0.15	0.16	0.12	0.14	16.08	ppb
Arsenic	75-2	0.03	0.06	0.10	0.07	49.67	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.02	0.00	894.99	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	84.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	8.98	11.49	9.24	9.91	13.93	ppb
Boron	11-1	9.20	8.94	8.98	9.04	1.52	ppb
Cadmium	111-1	0.05	-0.02	0.01	0.01	248.22	ppb
Cadmium	106-1	0.65	-0.31	0.11	0.15	318.58	ppb
Cadmium	108-1	0.02	0.09	0.02	0.05	90.54	ppb
Calcium	43-1	-1.75	5.81	2.27	2.11	179.52	ppb
Calcium	44-1	-0.42	0.05	3.12	0.92	209.41	ppb
Chromium	52-2	-0.04	-0.07	0.03	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	199.54	ppb
Copper	63-2	-0.07	-0.04	-0.03	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	0.30	0.63	0.61	0.51	35.84	ppb
Iron	57-2	-1.13	0.81	0.89	0.19	594.15	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	13.36	ppb
Lead	207-1	0.02	0.01	0.02	0.02	34.91	ppb
Lead	208-1	0.02	0.02	0.03	0.03	15.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.05	1.15	1.26	0.79	92.78	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.02	-0.04	0.02	361.22	ppb
Molybdenum	94-1	0.17	0.09	0.11	0.12	33.06	ppb
Molybdenum	95-1	0.06	0.09	0.04	0.06	35.05	ppb
Molybdenum	96-1	0.09	0.10	0.06	0.08	24.68	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	28.20	ppb
Molybdenum	98-1	0.07	0.04	0.06	0.06	25.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	343.11	ppb
Phosphorus	31-2	-14.96	-0.17	0.16	-4.99		ppb
Potassium	39-2	3.58	7.80	2.05	4.47	66.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	0.16	0.18	-1.01	-0.23		ppb
Selenium	82-1	-1.44	-0.07	-0.18	-0.56		ppb
Silicon	28-1	-9.53	-9.86	-10.18	-9.86		ppb
Silver	109-1	0.00	0.00	0.01	0.00	26.12	ppb
Silver	107-1	0.00	0.01	0.00	0.00	137.34	ppb
Sodium	23-2	29.01	36.24	38.10	34.45	13.94	ppb
Strontium	86-1	0.02	-0.06	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1223.12	-1364.56	-1057.45	-1215.04		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.06	0.06	0.06	8.29	ppb
Thallium	205-1	0.06	0.07	0.05	0.06	14.99	ppb
Tin	118-1	-0.04	-0.06	-0.07	-0.06		ppb
Titanium	47-1	0.04	0.06	0.10	0.07	47.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	-0.29	-0.40	-0.18	-0.29		ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.03	0.02	32.17	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	26.10	ppb

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 13:33:22 DataFile Name : 017ICSA_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98848.37	90887.31	91081.51	93605.73	4.85	ppb
Antimony	121-1	1.25	1.21	1.18	1.21	2.94	ppb
Arsenic	75-2	0.20	0.28	0.20	0.23	21.25	ppb
Barium	135-1	1.48	1.44	1.42	1.45	2.28	ppb
Barium	137-1	1.53	1.31	1.23	1.36	11.30	ppb
Beryllium	9-1	0.31	0.30	0.32	0.31	3.26	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	10.78	8.97	10.73	10.16	10.14	ppb
Boron	11-1	10.18	10.06	10.11	10.12	0.57	ppb
Cadmium	111-1	0.29	0.27	0.18	0.25	23.28	ppb
Cadmium	106-1	0.25	-0.47	-0.72	-0.31		ppb
Cadmium	108-1	8.26	6.95	7.86	7.69	8.77	ppb
Calcium	43-1	97163.10	96338.27	97350.22	96950.53	0.56	ppb
Calcium	44-1	95624.14	94182.53	95020.18	94942.28	0.76	ppb
Chromium	52-2	21.86	19.57	20.32	20.58	5.66	ppb
Cobalt	59-2	1.10	1.07	1.14	1.11	3.07	ppb
Copper	63-2	7.65	7.25	7.03	7.31	4.33	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				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	104725.22	96076.82	97048.08	99283.37	4.77	ppb
Iron	57-2	106679.09	99452.77	98155.02	101428.96	4.53	ppb
Krypton	83-1						cps
Lead	206-1	4.90	4.71	4.69	4.77	2.41	ppb
Lead	207-1	4.19	3.90	3.90	4.00	4.13	ppb
Lead	208-1	4.45	4.32	4.29	4.35	2.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	108197.04	98346.93	99800.79	102114.92	5.21	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:33:22	DataFile Name :	017ICSA_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.81	7.51	7.51	7.61	2.28	ppb
Molybdenum	94-1	1368.20	1361.54	1359.26	1363.00	0.34	ppb
Molybdenum	95-1	1964.09	1934.36	1904.22	1934.22	1.55	ppb
Molybdenum	96-1	1892.66	1872.30	1841.30	1868.76	1.38	ppb
Molybdenum	97-1	1971.86	1946.51	1918.65	1945.67	1.37	ppb
Molybdenum	98-1	1939.02	1931.90	1889.92	1920.28	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.58	6.07	5.61	6.08	7.97	ppb
Phosphorus	31-2	105534.13	96807.32	99847.18	100729.54	4.40	ppb
Potassium	39-2	110952.36	100909.90	101119.55	104327.27	5.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	1.37	-2.41	-2.41	-1.15		ppb
Selenium	78-2	1.54	1.31	1.35	1.40	8.69	ppb
Selenium	82-1	-0.22	0.12	-0.80	-0.30		ppb
Silicon	28-1	24.75	24.10	23.19	24.01	3.27	ppb
Silver	109-1	0.05	0.07	0.08	0.07	20.20	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.25	ppb
Sodium	23-2	108629.70	99380.08	100210.40	102740.06	4.98	ppb
Strontium	86-1	34.29	33.16	32.49	33.32	2.73	ppb
Strontium	88-1	34.09	33.50	33.26	33.62	1.28	ppb
Sulfur	34-1	80788.28	79017.71	78885.65	79563.88	1.34	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.18	0.23	0.20	12.50	ppb
Thallium	205-1	0.17	0.15	0.17	0.16	6.09	ppb
Tin	118-1	0.19	0.12	0.17	0.16	21.21	ppb
Titanium	47-1	2032.53	2009.70	1972.13	2004.79	1.52	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.89	ppb
Vanadium	51-2	0.14	0.15	0.19	0.16	16.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	11.57	11.47	11.27	11.44	1.35	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:33:22	DataFile Name :	017ICSA_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.26	0.26	0.28	13.72	ppb
Zirconium	91-1	0.33	0.29	0.24	0.29	15.78	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:36:36	DataFile Name :	018ICSB_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91414.85	92124.01	91938.27	91825.71	0.40	ppb
Antimony	121-1	19.75	20.58	22.91	21.08	7.76	ppb
Arsenic	75-2	19.35	19.79	19.33	19.49	1.32	ppb
Barium	135-1	21.74	21.26	23.31	22.10	4.84	ppb
Barium	137-1	21.51	21.98	23.34	22.28	4.27	ppb
Beryllium	9-1	19.70	19.50	21.62	20.27	5.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	69.90	68.16	76.87	71.64	6.43	ppb
Boron	11-1	68.17	71.64	78.12	72.65	6.95	ppb
Cadmium	111-1	19.40	19.25	21.74	20.13	6.94	ppb
Cadmium	106-1	22.47	20.85	28.03	23.78	15.83	ppb
Cadmium	108-1	30.14	30.32	32.02	30.82	3.37	ppb
Calcium	43-1	95903.27	96107.43	106993.23	99667.98	6.37	ppb
Calcium	44-1	93010.10	94412.43	105128.66	97517.06	6.80	ppb
Chromium	52-2	39.53	40.30	40.38	40.07	1.18	ppb
Cobalt	59-2	20.54	20.86	20.67	20.69	0.77	ppb
Copper	63-2	26.16	26.74	26.55	26.48	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	97430.54	98202.52	98541.57	98058.21	0.58	ppb
Iron	57-2	98539.49	100740.77	99773.45	99684.57	1.11	ppb
Krypton	83-1						cps
Lead	206-1	24.92	24.32	27.11	25.45	5.76	ppb
Lead	207-1	22.21	22.03	24.51	22.92	6.02	ppb
Lead	208-1	23.36	23.13	25.50	23.99	5.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	98632.94	99020.59	100653.40	99435.64	1.08	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:36:36	DataFile Name :	018ICSB_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.96	27.43	27.32	27.23	0.90	ppb
Molybdenum	94-1	1437.21	1464.85	1622.84	1508.30	6.64	ppb
Molybdenum	95-1	1936.87	1959.81	2167.44	2021.37	6.28	ppb
Molybdenum	96-1	1886.51	1898.16	2091.82	1958.83	5.89	ppb
Molybdenum	97-1	1978.64	1981.48	2185.13	2048.42	5.78	ppb
Molybdenum	98-1	1958.78	1974.26	2161.85	2031.63	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.31	25.11	26.24	25.55	2.36	ppb
Phosphorus	31-2	96188.75	101427.72	98113.93	98576.80	2.69	ppb
Potassium	39-2	101205.53	102443.83	101454.59	101701.32	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	25.27	1.04	4.55	10.29	127.24	ppb
Selenium	78-2	12.41	17.05	24.80	18.09	34.62	ppb
Selenium	82-1	19.18	18.62	20.25	19.35	4.29	ppb
Silicon	28-1	88.20	91.41	111.62	97.07	13.08	ppb
Silver	109-1	18.70	19.06	20.43	19.40	4.69	ppb
Silver	107-1	18.95	19.07	21.19	19.74	6.37	ppb
Sodium	23-2	99230.46	100740.70	100554.44	100175.20	0.82	ppb
Strontium	86-1	86.77	87.26	97.38	90.47	6.62	ppb
Strontium	88-1	89.07	91.00	99.95	93.34	6.22	ppb
Sulfur	34-1	77398.51	78655.17	88462.44	81505.37	7.43	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	20.12	20.03	22.15	20.77	5.77	ppb
Thallium	205-1	20.10	20.09	22.38	20.86	6.33	ppb
Tin	118-1	55.19	55.34	61.41	57.31	6.20	ppb
Titanium	47-1	2016.90	2042.74	2267.53	2109.06	6.54	ppb
Uranium	238-1	55.26	54.54	60.51	56.77	5.74	ppb
Vanadium	51-2	19.38	19.47	18.78	19.21	1.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	29.69	30.32	31.70	30.57	3.36	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:36:36	DataFile Name :	018ICSB_P8052318-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.02	55.21	60.79	56.67	6.38	ppb
Zirconium	91-1	53.69	54.56	59.98	56.08	6.08	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49115.72	49502.06	50522.99	49713.59	1.46	ppb
Antimony	121-1	511.28	534.70	510.88	518.95	2.63	ppb
Arsenic	75-2	487.11	490.56	503.04	493.57	1.70	ppb
Barium	135-1	2588.59	2738.50	2584.52	2637.20	3.33	ppb
Barium	137-1	2578.38	2677.37	2587.09	2614.28	2.10	ppb
Beryllium	9-1	505.80	522.24	499.30	509.11	2.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	494.73	525.02	515.58	511.78	3.03	ppb
Boron	11-1	503.03	536.76	523.60	521.13	3.26	ppb
Cadmium	111-1	496.82	517.29	499.22	504.44	2.22	ppb
Cadmium	106-1	498.79	528.34	521.00	516.05	2.98	ppb
Cadmium	108-1	505.35	510.34	503.30	506.33	0.71	ppb
Calcium	43-1	243906.47	251340.10	246298.42	247181.66	1.54	ppb
Calcium	44-1	243929.30	251172.52	244866.43	246656.08	1.60	ppb
Chromium	52-2	505.11	507.55	521.13	511.27	1.69	ppb
Cobalt	59-2	475.43	476.27	489.35	480.35	1.62	ppb
Copper	63-2	961.65	965.42	979.21	968.76	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	121149.95	122641.53	124552.75	122781.41	1.39	ppb
Iron	57-2	123586.60	124254.61	125458.55	124433.25	0.76	ppb
Krypton	83-1						cps
Lead	206-1	511.88	536.98	519.78	522.88	2.45	ppb
Lead	207-1	507.24	524.72	516.15	516.04	1.69	ppb
Lead	208-1	513.22	533.50	518.46	521.72	2.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	247548.36	248084.92	254636.22	250089.83	1.58	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.88	993.31	1015.09	999.09	1.40	ppb
Molybdenum	94-1	2486.95	2625.52	2500.82	2537.77	3.01	ppb
Molybdenum	95-1	2501.14	2626.90	2519.19	2549.08	2.67	ppb
Molybdenum	96-1	2506.06	2647.69	2519.31	2557.69	3.06	ppb
Molybdenum	97-1	2519.65	2639.04	2522.15	2560.28	2.66	ppb
Molybdenum	98-1	2540.96	2645.42	2539.90	2575.43	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.35	488.35	500.96	493.89	1.30	ppb
Phosphorus	31-2	10112.36	10257.00	11854.80	10741.39	9.00	ppb
Potassium	39-2	124906.15	127293.76	129521.71	127240.54	1.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	513.86	448.93	490.08	484.29	6.78	ppb
Selenium	78-2	498.98	480.45	509.89	496.44	3.00	ppb
Selenium	82-1	494.58	518.27	498.77	503.87	2.51	ppb
Silicon	28-1	532.84	564.15	544.02	547.00	2.90	ppb
Silver	109-1	503.49	524.96	505.08	511.18	2.34	ppb
Silver	107-1	501.52	527.79	506.81	512.04	2.71	ppb
Sodium	23-2	247651.66	247991.33	254864.99	250169.33	1.63	ppb
Strontium	86-1	512.02	537.50	508.27	519.26	3.06	ppb
Strontium	88-1	515.48	546.59	520.11	527.39	3.18	ppb
Sulfur	34-1	8512.16	9275.87	8692.55	8826.86	4.52	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	510.40	539.95	526.13	525.49	2.81	ppb
Thallium	205-1	509.88	531.77	522.53	521.39	2.11	ppb
Tin	118-1	517.29	537.50	517.83	524.21	2.20	ppb
Titanium	47-1	2565.88	2663.35	2564.40	2597.88	2.18	ppb
Uranium	238-1	516.75	537.23	521.89	525.29	2.03	ppb
Vanadium	51-2	493.34	492.52	508.10	497.99	1.76	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	966.26	953.33	984.15	967.91	1.60	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.03	527.54	510.84	515.80	1.98	ppb
Zirconium	91-1	492.54	526.52	496.73	505.26	3.67	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	2.21	5.31	2.25	135.61	ppb
Antimony	121-1	0.30	0.32	0.30	0.30	3.68	ppb
Arsenic	75-2	0.03	0.02	0.05	0.03	44.75	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	32.37	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Boron	10-1	9.38	7.68	8.82	8.63	10.05	ppb
Boron	11-1	8.53	8.66	8.66	8.61	0.84	ppb
Cadmium	111-1	0.04	-0.03	0.03	0.01	265.79	ppb
Cadmium	106-1	0.39	-0.64	0.11	-0.05		ppb
Cadmium	108-1	0.08	-0.05	0.08	0.03	221.41	ppb
Calcium	43-1	-1.49	5.50	-2.85	0.38	1164.70	ppb
Calcium	44-1	4.48	2.75	6.04	4.42	37.15	ppb
Chromium	52-2	-0.07	-0.04	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.00	0.05	0.03	89.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	1.18	1.03	1.54	1.25	20.85	ppb
Iron	57-2	2.92	1.90	1.94	2.25	25.45	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.07	0.09	0.09	23.30	ppb
Lead	207-1	0.07	0.10	0.06	0.08	26.64	ppb
Lead	208-1	0.10	0.08	0.08	0.09	8.94	ppb
Lithium	6-1				107		%
Magnesium	24-2	3.02	3.55	2.52	3.03	17.00	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	0.03	0.02	73.51	ppb
Molybdenum	94-1	0.27	0.27	0.23	0.26	9.16	ppb
Molybdenum	95-1	0.32	0.24	0.25	0.27	15.14	ppb
Molybdenum	96-1	0.25	0.25	0.27	0.26	4.17	ppb
Molybdenum	97-1	0.28	0.23	0.22	0.25	13.60	ppb
Molybdenum	98-1	0.32	0.28	0.25	0.28	10.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	24.01	ppb
Phosphorus	31-2	13.96	-14.96	-14.96	-5.32		ppb
Potassium	39-2	12.43	5.89	11.29	9.87	35.41	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	1.32	0.12	-0.45	0.33	272.79	ppb
Selenium	82-1	-0.79	-0.74	-0.37	-0.63		ppb
Silicon	28-1	-22.78	-22.60	-22.09	-22.49		ppb
Silver	109-1	0.03	0.04	0.03	0.03	12.13	ppb
Silver	107-1	0.04	0.05	0.03	0.04	18.89	ppb
Sodium	23-2	46.09	48.68	45.36	46.71	3.73	ppb
Strontium	86-1	0.02	-0.01	-0.08	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2179.76	-2200.58	-2120.51	-2166.95		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.11	0.12	0.12	10.43	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.76	ppb
Tin	118-1	-0.06	-0.07	-0.05	-0.06		ppb
Titanium	47-1	0.07	0.07	0.07	0.07	5.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	99.71	ppb
Vanadium	51-2	0.04	-0.01	-0.01	0.01	527.39	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	0.10	-0.12	0.28	0.09	236.06	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.03	35.99	ppb
Zirconium	91-1	0.03	0.02	0.05	0.04	41.26	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.59	26.00	22.23	20.94	27.75	ppb
Antimony	121-1	2.15	2.03	2.13	2.10	2.98	ppb
Arsenic	75-2	1.04	1.08	0.83	0.98	13.60	ppb
Barium	135-1	9.51	9.28	9.51	9.43	1.38	ppb
Barium	137-1	9.39	9.67	9.41	9.49	1.69	ppb
Beryllium	9-1	0.92	0.98	0.88	0.93	5.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	29.81	29.40	28.47	29.22	2.35	ppb
Boron	11-1	30.22	28.88	29.17	29.42	2.39	ppb
Cadmium	111-1	0.85	0.82	0.93	0.86	6.97	ppb
Cadmium	106-1	1.10	-0.60	0.81	0.44	207.42	ppb
Cadmium	108-1	1.40	1.04	0.95	1.13	21.16	ppb
Calcium	43-1	466.17	454.48	467.24	462.63	1.53	ppb
Calcium	44-1	464.54	460.46	456.66	460.55	0.86	ppb
Chromium	52-2	1.85	1.91	1.95	1.90	2.49	ppb
Cobalt	59-2	0.97	0.99	1.01	0.99	2.50	ppb
Copper	63-2	1.88	1.92	1.90	1.90	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	49.17	49.34	51.17	49.89	2.23	ppb
Iron	57-2	52.01	59.74	59.66	57.14	7.78	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.04	1.00	1.04	3.04	ppb
Lead	207-1	0.97	0.95	0.97	0.96	1.08	ppb
Lead	208-1	1.02	0.99	0.98	1.00	1.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	489.79	506.09	509.89	501.92	2.13	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.22	1.03	1.21	1.15	9.14	ppb
Molybdenum	94-1	5.20	5.07	5.14	5.14	1.26	ppb
Molybdenum	95-1	4.66	5.03	4.95	4.88	3.98	ppb
Molybdenum	96-1	4.87	4.87	5.00	4.92	1.50	ppb
Molybdenum	97-1	4.84	4.77	4.43	4.68	4.72	ppb
Molybdenum	98-1	5.06	4.94	4.85	4.95	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.96	1.06	1.01	5.01	ppb
Phosphorus	31-2	-14.96	-14.96	-0.27	-10.06		ppb
Potassium	39-2	483.59	509.76	511.34	501.56	3.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	11.38	1.06	1.13	4.52	131.31	ppb
Selenium	78-2	3.06	3.66	6.15	4.29	38.21	ppb
Selenium	82-1	5.26	4.45	4.78	4.83	8.42	ppb
Silicon	28-1	5.53	2.97	2.56	3.69	43.59	ppb
Silver	109-1	0.96	1.04	1.03	1.01	4.38	ppb
Silver	107-1	1.03	1.00	0.99	1.01	1.78	ppb
Sodium	23-2	537.36	526.75	526.37	530.16	1.18	ppb
Strontium	86-1	1.02	1.05	0.94	1.00	5.62	ppb
Strontium	88-1	1.00	0.99	0.95	0.98	2.71	ppb
Sulfur	34-1	-1521.32	-1544.27	-1532.59	-1532.73		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.13	1.01	1.03	1.06	6.09	ppb
Thallium	205-1	1.09	1.04	1.04	1.06	2.36	ppb
Tin	118-1	4.71	4.73	4.68	4.71	0.46	ppb
Titanium	47-1	5.00	4.79	4.71	4.83	3.07	ppb
Uranium	238-1	0.95	0.92	0.90	0.92	2.47	ppb
Vanadium	51-2	4.61	4.62	4.74	4.66	1.50	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	1.59	1.83	1.76	1.73	7.20	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	1.14	1.16	1.17	3.61	ppb
Zirconium	91-1	1.13	1.12	1.16	1.14	1.80	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.62	-1.82	4.43	0.66	502.01	ppb
Antimony	121-1	0.10	0.11	0.10	0.10	4.54	ppb
Arsenic	75-2	0.04	0.06	0.02	0.04	54.49	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.02	0.00	0.01	96.45	ppb
Beryllium	9-1	0.02	0.02	0.07	0.04	78.87	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	7.22	5.73	5.57	6.17	14.74	ppb
Boron	11-1	6.39	6.25	6.74	6.46	3.92	ppb
Cadmium	111-1	-0.06	-0.09	0.04	-0.04		ppb
Cadmium	106-1	-1.04	-1.29	0.37	-0.65		ppb
Cadmium	108-1	0.02	-0.02	-0.02	-0.01		ppb
Calcium	43-1	0.33	-2.24	-5.64	-2.52		ppb
Calcium	44-1	-0.15	0.38	5.62	1.95	163.56	ppb
Chromium	52-2	0.06	-0.05	0.00	0.01	1020.92	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.03	-0.02	-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				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	0.82	0.55	0.65	0.67	20.69	ppb
Iron	57-2	1.34	0.70	1.08	1.04	31.27	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.05	13.39	ppb
Lead	207-1	0.05	0.03	0.06	0.04	36.92	ppb
Lead	208-1	0.05	0.04	0.05	0.05	11.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.42	0.76	1.31	1.16	30.14	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.10	0.02	0.06	67.68	ppb
Molybdenum	94-1	0.08	0.15	0.06	0.10	45.92	ppb
Molybdenum	95-1	0.06	0.10	0.08	0.08	21.82	ppb
Molybdenum	96-1	0.08	0.07	0.05	0.07	27.33	ppb
Molybdenum	97-1	0.11	0.09	0.14	0.11	25.71	ppb
Molybdenum	98-1	0.08	0.10	0.07	0.08	15.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	0.63	13.62	-14.96	-0.24		ppb
Potassium	39-2	23.88	-5.68	7.51	8.57	172.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-2.41	1.01	-2.41	-1.27		ppb
Selenium	78-2	-0.39	-0.44	-0.43	-0.42		ppb
Selenium	82-1	-0.32	-0.52	-0.94	-0.59		ppb
Silicon	28-1	-16.87	-17.81	-14.76	-16.48		ppb
Silver	109-1	0.01	0.02	0.01	0.01	34.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.39	ppb
Sodium	23-2	49.12	36.58	36.13	40.61	18.15	ppb
Strontium	86-1	-0.01	-0.08	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2796.66	ppb
Sulfur	34-1	-1528.07	-1851.01	-1439.77	-1606.28		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.10	0.07	0.08	12.83	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	8.19	ppb
Tin	118-1	-0.04	0.01	-0.02	-0.02		ppb
Titanium	47-1	0.13	0.01	0.06	0.07	86.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	104.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	0.02	-0.06	-0.09	-0.04		ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	17.90	ppb
Zirconium	91-1	0.04	0.02	0.05	0.03	41.08	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.93	27.11	49.61	36.55	31.96	ppb
Antimony	121-1	3.81	3.77	3.68	3.75	1.77	ppb
Arsenic	75-2	2.11	1.82	1.94	1.96	7.56	ppb
Barium	135-1	18.93	18.57	18.69	18.73	0.98	ppb
Barium	137-1	18.95	18.76	18.61	18.77	0.90	ppb
Beryllium	9-1	1.84	1.73	1.81	1.79	3.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	44.27	46.07	50.19	46.85	6.48	ppb
Boron	11-1	48.56	49.20	49.62	49.13	1.09	ppb
Cadmium	111-1	2.04	1.95	1.78	1.93	6.74	ppb
Cadmium	106-1	1.37	2.13	0.63	1.38	54.21	ppb
Cadmium	108-1	1.55	1.77	1.62	1.65	6.72	ppb
Calcium	43-1	927.28	867.61	939.12	911.34	4.21	ppb
Calcium	44-1	908.33	883.60	887.55	893.16	1.49	ppb
Chromium	52-2	4.12	3.75	4.12	4.00	5.40	ppb
Cobalt	59-2	1.87	1.96	1.87	1.90	2.74	ppb
Copper	63-2	3.88	3.71	3.88	3.82	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	361.98	366.56	363.32	363.95	0.65	ppb
Iron	57-2	368.75	362.24	368.26	366.42	0.99	ppb
Krypton	83-1						cps
Lead	206-1	1.96	1.78	1.83	1.86	4.86	ppb
Lead	207-1	1.85	1.88	1.84	1.86	1.32	ppb
Lead	208-1	1.92	1.84	1.86	1.87	2.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	998.25	954.10	984.44	978.93	2.31	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.91	2.03	1.93	1.96	3.29	ppb
Molybdenum	94-1	9.37	9.51	9.59	9.49	1.13	ppb
Molybdenum	95-1	9.52	9.40	9.39	9.44	0.73	ppb
Molybdenum	96-1	9.32	9.46	9.39	9.39	0.76	ppb
Molybdenum	97-1	9.18	9.08	9.38	9.22	1.67	ppb
Molybdenum	98-1	9.31	9.27	9.26	9.28	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.23	2.03	2.10	5.67	ppb
Phosphorus	31-2	-0.59	14.10	57.38	23.63	127.54	ppb
Potassium	39-2	931.88	978.05	991.62	967.19	3.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	11.22	1.07	4.52	5.60	92.14	ppb
Selenium	78-2	16.81	11.31	10.66	12.93	26.13	ppb
Selenium	82-1	9.50	9.45	8.71	9.22	4.82	ppb
Silicon	28-1	18.29	14.67	15.32	16.09	12.00	ppb
Silver	109-1	2.00	1.87	1.97	1.95	3.39	ppb
Silver	107-1	2.08	1.96	1.92	1.99	4.13	ppb
Sodium	23-2	1007.42	1012.79	989.96	1003.39	1.19	ppb
Strontium	86-1	1.74	1.85	1.94	1.84	5.33	ppb
Strontium	88-1	1.89	1.93	1.88	1.90	1.37	ppb
Sulfur	34-1	-1261.87	-1548.62	-1620.72	-1477.07		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.87	1.95	1.89	1.90	2.09	ppb
Thallium	205-1	1.96	1.84	1.81	1.87	4.27	ppb
Tin	118-1	9.73	9.47	9.29	9.50	2.32	ppb
Titanium	47-1	9.78	9.18	9.70	9.55	3.40	ppb
Uranium	238-1	1.84	1.80	1.78	1.81	1.71	ppb
Vanadium	51-2	9.20	8.70	8.97	8.96	2.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4.02	4.38	4.36	4.26	4.70	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.01	1.96	2.02	2.00	1.64	ppb
Zirconium	91-1	2.02	2.11	2.05	2.06	2.18	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.80	1.43	1.26	0.63	197.30	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	7.82	ppb
Arsenic	75-2	0.03	0.00	0.00	0.01	120.03	ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	0.02	-0.01	0.00	1523.12	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	53.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	7.01	5.05	5.49	5.85	17.57	ppb
Boron	11-1	6.65	6.63	6.08	6.45	5.03	ppb
Cadmium	111-1	0.02	-0.04	0.03	0.00	1321.74	ppb
Cadmium	106-1	0.27	-0.63	0.35	0.00		ppb
Cadmium	108-1	0.02	-0.09	0.02	-0.02		ppb
Calcium	43-1	9.49	-3.90	-1.14	1.49	475.80	ppb
Calcium	44-1	0.04	-0.63	2.11	0.51	283.25	ppb
Chromium	52-2	-0.03	-0.07	-0.06	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	585.94	ppb
Copper	63-2	-0.02	-0.01	-0.02	-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				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	0.28	0.45	0.26	0.33	32.35	ppb
Iron	57-2	0.70	-0.43	2.59	0.96	159.24	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	33.44	ppb
Lead	207-1	0.03	0.03	0.02	0.03	17.45	ppb
Lead	208-1	0.04	0.03	0.03	0.03	19.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.52	3.74	4.53	3.60	28.17	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.07	0.11	0.06	87.04	ppb
Molybdenum	94-1	0.08	0.05	0.03	0.05	47.35	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	10.69	ppb
Molybdenum	96-1	0.06	0.03	0.05	0.05	37.05	ppb
Molybdenum	97-1	0.03	0.08	0.04	0.05	48.87	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	12.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	-0.02	0.01	581.95	ppb
Phosphorus	31-2	-0.64	15.09	-14.96	-0.17		ppb
Potassium	39-2	10.87	14.69	-9.79	5.26	250.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-2.41	-2.41	4.55	-0.09		ppb
Selenium	78-2	0.15	0.19	-0.43	-0.03		ppb
Selenium	82-1	-0.61	-0.29	-0.82	-0.58		ppb
Silicon	28-1	-14.76	-16.92	-13.94	-15.21		ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.51	ppb
Sodium	23-2	23.76	37.77	33.72	31.75	22.71	ppb
Strontium	86-1	0.04	-0.02	0.00	0.01	389.21	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1253.39	-1397.76	-1111.67	-1254.27		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.07	0.06	16.03	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	13.30	ppb
Tin	118-1	-0.03	0.01	0.54	0.17	186.28	ppb
Titanium	47-1	0.03	0.00	0.02	0.01	105.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	108.73	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.00	-0.04	0.08	0.01	526.61	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.00	0.01	0.01	94.90	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	27.85	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:03:01	DataFile Name :	025LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.41	30.90	29.95	35.42	24.47	ppb
Antimony	121-1	3.95	3.82	3.84	3.87	1.78	ppb
Arsenic	75-2	1.74	2.04	1.80	1.86	8.48	ppb
Barium	135-1	19.07	18.89	19.23	19.06	0.90	ppb
Barium	137-1	19.34	19.18	19.26	19.26	0.43	ppb
Beryllium	9-1	1.95	1.94	1.79	1.89	4.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	46.40	51.09	47.47	48.32	5.09	ppb
Boron	11-1	48.74	49.30	49.79	49.28	1.06	ppb
Cadmium	111-1	1.96	1.96	1.77	1.90	5.82	ppb
Cadmium	106-1	1.74	2.35	1.41	1.83	26.02	ppb
Cadmium	108-1	2.18	1.93	1.87	1.99	8.19	ppb
Calcium	43-1	929.39	911.49	875.82	905.57	3.01	ppb
Calcium	44-1	914.95	891.54	894.54	900.34	1.42	ppb
Chromium	52-2	4.13	3.92	3.91	3.99	3.09	ppb
Cobalt	59-2	1.90	2.01	2.02	1.97	3.41	ppb
Copper	63-2	3.77	4.07	3.91	3.92	3.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	371.32	381.79	380.12	377.74	1.49	ppb
Iron	57-2	382.81	384.59	395.77	387.72	1.81	ppb
Krypton	83-1						cps
Lead	206-1	1.85	1.88	1.92	1.88	1.96	ppb
Lead	207-1	1.76	1.75	1.83	1.78	2.38	ppb
Lead	208-1	1.84	1.87	1.89	1.87	1.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	958.59	1024.37	1031.72	1004.89	4.01	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:03:01	DataFile Name :	025LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.91	1.85	2.05	1.94	5.37	ppb
Molybdenum	94-1	9.41	9.53	9.71	9.55	1.58	ppb
Molybdenum	95-1	9.36	9.37	9.47	9.40	0.62	ppb
Molybdenum	96-1	9.35	9.23	9.12	9.23	1.25	ppb
Molybdenum	97-1	9.32	9.08	9.39	9.26	1.77	ppb
Molybdenum	98-1	9.62	9.25	9.65	9.51	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.09	2.17	2.11	2.72	ppb
Phosphorus	31-2	-0.53	-0.14	-14.96	-5.21		ppb
Potassium	39-2	965.06	1011.10	1081.02	1019.06	5.73	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	7.82	11.49	11.82	10.38	21.35	ppb
Selenium	78-2	8.77	8.37	6.79	7.97	13.14	ppb
Selenium	82-1	9.75	10.06	9.48	9.76	2.96	ppb
Silicon	28-1	18.83	16.31	16.79	17.31	7.74	ppb
Silver	109-1	1.96	2.00	1.94	1.97	1.62	ppb
Silver	107-1	2.02	2.05	1.92	1.99	3.44	ppb
Sodium	23-2	1025.20	1058.60	1042.85	1042.22	1.60	ppb
Strontium	86-1	1.90	2.02	2.08	2.00	4.45	ppb
Strontium	88-1	1.97	1.90	1.93	1.93	1.75	ppb
Sulfur	34-1	-1226.98	-1506.31	-1235.62	-1322.97		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	1.91	1.85	1.88	1.88	1.58	ppb
Thallium	205-1	1.97	1.91	1.84	1.91	3.46	ppb
Tin	118-1	9.66	9.35	9.26	9.43	2.22	ppb
Titanium	47-1	10.57	9.85	9.81	10.08	4.23	ppb
Uranium	238-1	1.79	1.83	1.79	1.81	1.39	ppb
Vanadium	51-2	9.51	9.72	9.39	9.54	1.74	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	4.41	3.79	3.91	4.04	8.11	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:03:01	DataFile Name :	025LCSE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.01	1.96	1.98	1.98	1.28	ppb
Zirconium	91-1	1.84	1.89	1.77	1.83	3.27	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.53	7.46	8.85	7.61	15.30	ppb
Antimony	121-1	0.26	0.28	0.26	0.27	4.80	ppb
Arsenic	75-2	0.27	0.36	0.25	0.29	19.14	ppb
Barium	135-1	1.33	1.10	1.29	1.24	9.75	ppb
Barium	137-1	1.27	1.36	1.05	1.23	12.90	ppb
Beryllium	9-1	0.31	0.25	0.25	0.27	12.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	4.17	4.52	2.92	3.87	21.66	ppb
Boron	11-1	4.72	4.89	4.58	4.73	3.26	ppb
Cadmium	111-1	0.18	0.18	0.16	0.18	7.43	ppb
Cadmium	106-1	-0.68	-0.40	-1.11	-0.73		ppb
Cadmium	108-1	0.19	0.50	0.19	0.29	61.45	ppb
Calcium	43-1	24.87	30.93	18.63	24.81	24.80	ppb
Calcium	44-1	21.60	23.01	22.54	22.38	3.20	ppb
Chromium	52-2	0.21	0.24	0.19	0.21	10.76	ppb
Cobalt	59-2	0.26	0.24	0.24	0.24	4.39	ppb
Copper	63-2	0.48	0.54	0.50	0.51	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				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	13.62	13.06	13.58	13.42	2.34	ppb
Iron	57-2	15.61	16.67	12.76	15.01	13.45	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.28	0.30	0.28	8.32	ppb
Lead	207-1	0.26	0.27	0.24	0.26	6.35	ppb
Lead	208-1	0.27	0.27	0.26	0.27	2.18	ppb
Lithium	6-1				106		%
Magnesium	24-2	31.17	32.12	29.38	30.89	4.51	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.44	0.69	0.52	0.55	23.36	ppb
Molybdenum	94-1	1.20	1.28	1.13	1.20	6.29	ppb
Molybdenum	95-1	1.32	1.33	1.23	1.29	3.96	ppb
Molybdenum	96-1	1.36	1.26	1.21	1.28	5.95	ppb
Molybdenum	97-1	1.32	1.39	1.18	1.30	8.04	ppb
Molybdenum	98-1	1.37	1.33	1.29	1.33	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.29	0.19	0.24	21.14	ppb
Phosphorus	31-2	-14.96	-0.47	-0.02	-5.15		ppb
Potassium	39-2	18.87	8.08	29.44	18.79	56.83	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	3.14	-0.43	1.43	1.38	129.28	ppb
Selenium	82-1	1.36	0.95	1.83	1.38	32.06	ppb
Silicon	28-1	-16.11	-14.36	-14.40	-14.96		ppb
Silver	109-1	0.24	0.29	0.25	0.26	9.42	ppb
Silver	107-1	0.26	0.26	0.26	0.26	0.20	ppb
Sodium	23-2	58.85	55.85	61.83	58.85	5.08	ppb
Strontium	86-1	0.17	0.14	0.18	0.16	14.18	ppb
Strontium	88-1	0.25	0.27	0.25	0.26	4.70	ppb
Sulfur	34-1	-1369.50	-913.13	-1242.50	-1175.04		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.27	0.31	0.29	7.24	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	3.09	ppb
Tin	118-1	0.25	0.21	0.20	0.22	10.36	ppb
Titanium	47-1	1.18	1.43	1.31	1.31	9.51	ppb
Uranium	238-1	0.22	0.23	0.24	0.23	3.94	ppb
Vanadium	51-2	0.30	0.16	0.18	0.21	34.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.28	0.27	0.59	0.38	48.17	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.24	0.23	0.23	3.83	ppb
Zirconium	91-1	0.24	0.27	0.23	0.25	8.78	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.49	6.30	7.36	5.72	34.93	ppb
Antimony	121-1	0.27	0.26	0.26	0.27	1.23	ppb
Arsenic	75-2	0.38	0.31	0.29	0.33	13.45	ppb
Barium	135-1	1.19	1.22	1.23	1.21	1.82	ppb
Barium	137-1	1.29	1.17	1.27	1.24	5.09	ppb
Beryllium	9-1	0.31	0.29	0.27	0.29	6.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	4.21	3.39	3.62	3.74	11.27	ppb
Boron	11-1	3.58	3.73	3.70	3.67	2.14	ppb
Cadmium	111-1	0.24	0.17	0.23	0.21	18.17	ppb
Cadmium	106-1	0.65	-1.51	0.89	0.01	10341.99	ppb
Cadmium	108-1	0.30	-0.02	0.47	0.25	98.63	ppb
Calcium	43-1	30.67	30.82	19.95	27.15	22.95	ppb
Calcium	44-1	25.06	22.95	19.70	22.57	11.96	ppb
Chromium	52-2	0.24	0.17	0.19	0.20	19.42	ppb
Cobalt	59-2	0.27	0.23	0.21	0.24	14.09	ppb
Copper	63-2	0.54	0.44	0.43	0.47	13.48	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				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	13.73	12.43	12.74	12.96	5.22	ppb
Iron	57-2	12.66	9.63	14.61	12.30	20.44	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.28	0.22	0.24	13.21	ppb
Lead	207-1	0.27	0.27	0.22	0.25	11.21	ppb
Lead	208-1	0.25	0.29	0.24	0.26	10.84	ppb
Lithium	6-1				106		%
Magnesium	24-2	35.26	29.23	34.37	32.96	9.87	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.60	0.56	0.57	4.61	ppb
Molybdenum	94-1	1.24	1.22	1.27	1.24	2.12	ppb
Molybdenum	95-1	1.21	1.12	1.22	1.18	4.80	ppb
Molybdenum	96-1	1.18	1.22	1.21	1.20	2.03	ppb
Molybdenum	97-1	1.32	1.20	1.13	1.21	7.87	ppb
Molybdenum	98-1	1.22	1.32	1.23	1.25	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.23	0.27	0.24	8.68	ppb
Phosphorus	31-2	-14.96	-0.67	-0.62	-5.42		ppb
Potassium	39-2	13.41	11.90	12.16	12.49	6.46	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	1.11	-2.41	1.03	-0.09		ppb
Selenium	78-2	0.77	1.30	0.73	0.93	34.62	ppb
Selenium	82-1	2.02	2.02	1.32	1.79	22.72	ppb
Silicon	28-1	-15.12	-12.14	-14.56	-13.94		ppb
Silver	109-1	0.26	0.29	0.27	0.27	6.13	ppb
Silver	107-1	0.27	0.27	0.27	0.27	0.60	ppb
Sodium	23-2	53.32	52.03	51.62	52.32	1.70	ppb
Strontium	86-1	0.20	0.18	0.22	0.20	10.11	ppb
Strontium	88-1	0.25	0.26	0.24	0.25	3.92	ppb
Sulfur	34-1	-1108.40	-676.62	-1250.51	-1011.85		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.30	0.28	0.29	5.03	ppb
Thallium	205-1	0.25	0.30	0.28	0.28	8.81	ppb
Tin	118-1	0.22	0.15	0.20	0.19	19.45	ppb
Titanium	47-1	1.35	1.27	1.30	1.31	2.80	ppb
Uranium	238-1	0.24	0.23	0.22	0.23	5.61	ppb
Vanadium	51-2	0.28	0.27	0.25	0.27	5.17	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	0.59	0.22	0.24	0.35	58.27	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.19	0.22	11.61	ppb
Zirconium	91-1	0.21	0.24	0.21	0.22	6.32	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.77	5.27	9.44	8.83	37.30	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	1.17	ppb
Arsenic	75-2	0.35	0.24	0.24	0.28	23.50	ppb
Barium	135-1	1.21	1.22	1.24	1.22	1.39	ppb
Barium	137-1	1.25	1.32	1.31	1.29	3.04	ppb
Beryllium	9-1	0.28	0.25	0.25	0.26	6.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	3.33	3.01	3.88	3.41	12.90	ppb
Boron	11-1	3.23	3.73	3.44	3.46	7.25	ppb
Cadmium	111-1	0.26	0.24	0.28	0.26	8.58	ppb
Cadmium	106-1	0.48	-0.45	0.58	0.20	280.30	ppb
Cadmium	108-1	0.08	0.02	0.27	0.12	105.09	ppb
Calcium	43-1	23.32	20.65	31.46	25.14	22.39	ppb
Calcium	44-1	19.49	20.31	22.01	20.60	6.22	ppb
Chromium	52-2	0.24	0.26	0.26	0.25	4.99	ppb
Cobalt	59-2	0.23	0.26	0.26	0.25	6.60	ppb
Copper	63-2	0.44	0.52	0.50	0.49	8.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	14.12	13.90	13.57	13.86	2.03	ppb
Iron	57-2	11.22	12.67	12.20	12.03	6.13	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.24	0.27	9.73	ppb
Lead	207-1	0.27	0.29	0.26	0.27	6.11	ppb
Lead	208-1	0.27	0.27	0.25	0.26	4.60	ppb
Lithium	6-1				107		%
Magnesium	24-2	31.46	27.20	26.85	28.51	9.00	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.51	0.67	0.57	15.36	ppb
Molybdenum	94-1	1.28	1.23	1.24	1.25	2.15	ppb
Molybdenum	95-1	1.20	1.36	1.31	1.29	6.46	ppb
Molybdenum	96-1	1.27	1.30	1.25	1.27	1.74	ppb
Molybdenum	97-1	1.33	1.27	1.44	1.34	6.36	ppb
Molybdenum	98-1	1.35	1.32	1.29	1.32	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.37	0.33	0.31	20.27	ppb
Phosphorus	31-2	14.40	-0.71	-0.57	4.38	198.38	ppb
Potassium	39-2	30.85	3.48	7.68	14.00	105.28	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	-2.41	-2.41	4.55	-0.09		ppb
Selenium	78-2	1.97	4.77	0.75	2.50	82.58	ppb
Selenium	82-1	2.12	2.04	1.49	1.88	18.24	ppb
Silicon	28-1	-15.15	-13.29	-14.45	-14.30		ppb
Silver	109-1	0.25	0.28	0.30	0.28	8.12	ppb
Silver	107-1	0.29	0.27	0.27	0.28	3.87	ppb
Sodium	23-2	62.11	54.46	52.16	56.25	9.26	ppb
Strontium	86-1	0.28	0.31	0.26	0.28	9.37	ppb
Strontium	88-1	0.27	0.25	0.28	0.27	4.01	ppb
Sulfur	34-1	-984.85	-1091.80	-995.01	-1023.89		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.32	0.30	0.31	0.31	3.77	ppb
Thallium	205-1	0.31	0.31	0.28	0.30	5.27	ppb
Tin	118-1	0.21	0.19	0.22	0.21	7.73	ppb
Titanium	47-1	1.23	1.21	1.44	1.29	10.03	ppb
Uranium	238-1	0.24	0.24	0.23	0.24	3.74	ppb
Vanadium	51-2	0.22	0.28	0.23	0.24	11.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.13	0.39	0.51	0.34	57.79	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.21	0.24	0.23	8.01	ppb
Zirconium	91-1	0.20	0.23	0.21	0.21	6.94	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.41	7.28	3.30	5.00	41.17	ppb
Antimony	121-1	0.25	0.28	0.26	0.26	6.94	ppb
Arsenic	75-2	0.31	0.18	0.22	0.24	28.95	ppb
Barium	135-1	1.40	1.39	1.21	1.33	7.82	ppb
Barium	137-1	1.41	1.45	1.36	1.40	3.18	ppb
Beryllium	9-1	0.27	0.27	0.24	0.26	5.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	3.48	3.40	3.60	3.49	2.76	ppb
Boron	11-1	3.32	3.47	3.10	3.30	5.68	ppb
Cadmium	111-1	0.12	0.19	0.21	0.18	26.71	ppb
Cadmium	106-1	-1.96	-0.45	0.10	-0.77		ppb
Cadmium	108-1	0.20	0.48	0.27	0.32	46.50	ppb
Calcium	43-1	21.56	29.59	20.23	23.79	21.28	ppb
Calcium	44-1	20.64	19.63	18.57	19.61	5.29	ppb
Chromium	52-2	0.20	0.18	0.20	0.19	4.87	ppb
Cobalt	59-2	0.22	0.29	0.26	0.26	13.47	ppb
Copper	63-2	0.49	0.49	0.43	0.47	7.64	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				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	13.59	13.66	12.87	13.37	3.28	ppb
Iron	57-2	11.43	16.94	17.15	15.17	21.40	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.26	0.25	5.83	ppb
Lead	207-1	0.28	0.27	0.27	0.27	2.91	ppb
Lead	208-1	0.26	0.25	0.26	0.26	2.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	31.41	26.73	32.96	30.37	10.68	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.47	0.44	0.50	0.47	7.39	ppb
Molybdenum	94-1	1.32	1.22	1.21	1.25	4.84	ppb
Molybdenum	95-1	1.25	1.33	1.30	1.29	2.86	ppb
Molybdenum	96-1	1.31	1.27	1.24	1.27	2.74	ppb
Molybdenum	97-1	1.32	1.43	1.26	1.33	6.33	ppb
Molybdenum	98-1	1.16	1.36	1.25	1.25	8.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.26	0.32	0.28	12.40	ppb
Phosphorus	31-2	-0.40	-0.72	28.22	9.03	184.01	ppb
Potassium	39-2	-1.16	19.26	18.99	12.37	94.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	4.55	-2.41	4.53	2.23	180.14	ppb
Selenium	78-2	0.75	1.87	1.91	1.51	43.78	ppb
Selenium	82-1	1.91	2.32	2.51	2.25	13.50	ppb
Silicon	28-1	-11.78	-11.41	-15.09	-12.76		ppb
Silver	109-1	0.29	0.28	0.26	0.28	4.75	ppb
Silver	107-1	0.29	0.28	0.27	0.28	4.70	ppb
Sodium	23-2	53.53	49.19	47.43	50.05	6.27	ppb
Strontium	86-1	0.17	0.27	0.20	0.21	23.80	ppb
Strontium	88-1	0.25	0.27	0.24	0.26	5.12	ppb
Sulfur	34-1	-470.62	-737.35	-1120.54	-776.17		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.28	0.29	0.29	1.82	ppb
Thallium	205-1	0.31	0.30	0.26	0.29	7.78	ppb
Tin	118-1	0.20	0.23	0.28	0.23	16.41	ppb
Titanium	47-1	1.37	1.28	1.11	1.25	10.87	ppb
Uranium	238-1	0.25	0.25	0.22	0.24	7.06	ppb
Vanadium	51-2	0.28	0.26	0.29	0.28	4.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.35	0.33	0.25	0.31	18.14	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.24	0.24	0.23	8.81	ppb
Zirconium	91-1	0.23	0.21	0.21	0.22	5.31	ppb

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : WATER MDL-5 Instrumnet Name : P8
 Client Sample ID : WATER MDL-5 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 14:22:16 DataFile Name : 030SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.20	9.19	6.22	6.87	30.18	ppb
Antimony	121-1	0.25	0.25	0.24	0.25	2.22	ppb
Arsenic	75-2	0.31	0.22	0.32	0.28	19.50	ppb
Barium	135-1	1.31	1.14	1.31	1.25	7.81	ppb
Barium	137-1	1.27	1.28	1.31	1.29	1.38	ppb
Beryllium	9-1	0.26	0.19	0.27	0.24	17.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	3.86	3.57	3.22	3.55	9.02	ppb
Boron	11-1	3.05	2.77	3.17	3.00	6.94	ppb
Cadmium	111-1	0.20	0.20	0.28	0.22	20.48	ppb
Cadmium	106-1	-0.87	-0.59	-0.11	-0.52		ppb
Cadmium	108-1	0.30	0.16	0.39	0.28	41.22	ppb
Calcium	43-1	18.10	23.33	30.23	23.89	25.46	ppb
Calcium	44-1	20.34	25.55	26.99	24.29	14.41	ppb
Chromium	52-2	0.17	0.18	0.22	0.19	14.25	ppb
Cobalt	59-2	0.25	0.22	0.24	0.24	4.80	ppb
Copper	63-2	0.49	0.40	0.41	0.43	10.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	12.17	12.06	11.85	12.03	1.31	ppb
Iron	57-2	15.57	15.23	19.58	16.79	14.40	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.27	0.23	0.25	7.87	ppb
Lead	207-1	0.25	0.21	0.28	0.25	13.70	ppb
Lead	208-1	0.25	0.24	0.26	0.25	2.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	25.63	27.07	25.27	25.99	3.66	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:22:16	DataFile Name :	030SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.56	0.50	0.54	0.53	5.09	ppb
Molybdenum	94-1	1.15	1.24	1.30	1.23	6.04	ppb
Molybdenum	95-1	1.23	1.25	1.30	1.26	3.11	ppb
Molybdenum	96-1	1.16	1.32	1.24	1.24	6.66	ppb
Molybdenum	97-1	1.08	1.20	1.31	1.20	9.74	ppb
Molybdenum	98-1	1.16	1.17	1.25	1.19	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.24	0.23	0.25	8.63	ppb
Phosphorus	31-2	13.30	13.24	-14.96	3.86	422.10	ppb
Potassium	39-2	2.31	-1.30	19.30	6.77	162.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	-2.41	4.43	4.45	2.16	183.07	ppb
Selenium	78-2	1.87	1.29	5.35	2.84	77.23	ppb
Selenium	82-1	2.14	2.25	2.62	2.34	10.70	ppb
Silicon	28-1	-13.46	-13.06	-6.64	-11.05		ppb
Silver	109-1	0.28	0.25	0.26	0.26	5.49	ppb
Silver	107-1	0.26	0.27	0.29	0.27	4.81	ppb
Sodium	23-2	47.34	46.29	43.33	45.65	4.56	ppb
Strontium	86-1	0.17	0.25	0.30	0.24	27.23	ppb
Strontium	88-1	0.24	0.23	0.25	0.24	5.67	ppb
Sulfur	34-1	-892.84	-696.93	-59.01	-549.59		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.27	0.28	0.26	0.27	3.94	ppb
Thallium	205-1	0.27	0.27	0.26	0.26	1.72	ppb
Tin	118-1	0.16	0.19	0.20	0.18	8.88	ppb
Titanium	47-1	1.20	1.26	1.16	1.21	4.27	ppb
Uranium	238-1	0.24	0.22	0.25	0.24	5.25	ppb
Vanadium	51-2	0.22	0.19	0.24	0.22	12.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	0.31	0.34	0.44	0.36	19.01	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:22:16	DataFile Name :	030SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.24	0.24	0.24	3.79	ppb
Zirconium	91-1	0.26	0.22	0.26	0.25	7.80	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.23	6.19	11.24	6.55	68.88	ppb
Antimony	121-1	0.28	0.25	0.25	0.26	6.71	ppb
Arsenic	75-2	0.25	0.18	0.28	0.24	22.64	ppb
Barium	135-1	1.07	1.38	1.39	1.28	14.46	ppb
Barium	137-1	1.18	1.37	1.29	1.28	7.52	ppb
Beryllium	9-1	0.31	0.32	0.36	0.33	7.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	2.27	1.93	3.18	2.46	26.18	ppb
Boron	11-1	2.52	2.78	3.06	2.79	9.59	ppb
Cadmium	111-1	0.26	0.31	0.28	0.28	7.91	ppb
Cadmium	106-1	0.43	0.29	0.45	0.39	22.38	ppb
Cadmium	108-1	0.05	0.30	0.32	0.23	66.33	ppb
Calcium	43-1	24.28	28.19	26.02	26.17	7.49	ppb
Calcium	44-1	17.45	21.44	24.03	20.97	15.82	ppb
Chromium	52-2	0.14	0.21	0.17	0.17	17.82	ppb
Cobalt	59-2	0.25	0.26	0.23	0.25	5.05	ppb
Copper	63-2	0.51	0.45	0.44	0.47	8.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	12.72	13.47	13.35	13.18	3.05	ppb
Iron	57-2	12.67	15.86	18.33	15.62	18.17	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.27	0.24	0.26	8.20	ppb
Lead	207-1	0.23	0.23	0.27	0.24	8.76	ppb
Lead	208-1	0.25	0.25	0.26	0.25	2.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	29.37	28.62	29.10	29.03	1.32	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.53	0.59	0.61	0.58	7.00	ppb
Molybdenum	94-1	1.18	1.33	1.41	1.31	9.09	ppb
Molybdenum	95-1	1.40	1.28	1.40	1.36	5.10	ppb
Molybdenum	96-1	1.31	1.27	1.36	1.31	3.27	ppb
Molybdenum	97-1	1.32	1.23	1.39	1.31	6.24	ppb
Molybdenum	98-1	1.25	1.30	1.31	1.29	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.27	0.22	0.21	28.45	ppb
Phosphorus	31-2	-14.96	-0.85	-14.96	-10.25		ppb
Potassium	39-2	14.04	14.09	16.91	15.01	10.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	1.06	1.02	14.89	5.66	141.34	ppb
Selenium	78-2	1.33	3.04	-1.01	1.12	182.20	ppb
Selenium	82-1	1.83	1.77	2.17	1.92	11.27	ppb
Silicon	28-1	-14.91	-13.69	-8.37	-12.32		ppb
Silver	109-1	0.28	0.25	0.27	0.27	5.21	ppb
Silver	107-1	0.27	0.29	0.28	0.28	3.27	ppb
Sodium	23-2	46.42	48.71	52.89	49.34	6.65	ppb
Strontium	86-1	0.24	0.25	0.30	0.27	12.42	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	2.30	ppb
Sulfur	34-1	-915.89	-814.17	-560.48	-763.51		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.31	0.30	0.28	13.11	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	2.63	ppb
Tin	118-1	0.24	0.19	0.30	0.24	22.36	ppb
Titanium	47-1	1.41	1.37	1.23	1.34	7.24	ppb
Uranium	238-1	0.25	0.24	0.26	0.25	4.44	ppb
Vanadium	51-2	0.27	0.19	0.20	0.22	19.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.50	0.61	0.59	0.57	9.66	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.23	0.27	0.25	8.26	ppb
Zirconium	91-1	0.25	0.30	0.30	0.28	9.76	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.45	3.23	12.43	7.70	59.79	ppb
Antimony	121-1	0.26	0.26	0.25	0.26	2.28	ppb
Arsenic	75-2	0.27	0.25	0.27	0.26	3.82	ppb
Barium	135-1	1.11	1.06	1.30	1.16	10.82	ppb
Barium	137-1	1.11	1.18	1.19	1.16	3.93	ppb
Beryllium	9-1	0.32	0.20	0.18	0.23	33.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	2.15	2.64	2.35	2.38	10.33	ppb
Boron	11-1	2.86	2.42	2.17	2.48	13.91	ppb
Cadmium	111-1	0.18	0.27	0.23	0.23	19.31	ppb
Cadmium	106-1	-0.51	0.94	0.26	0.23	313.25	ppb
Cadmium	108-1	0.26	0.55	0.09	0.30	77.35	ppb
Calcium	43-1	25.11	23.84	21.77	23.57	7.17	ppb
Calcium	44-1	22.85	22.22	18.82	21.30	10.19	ppb
Chromium	52-2	0.25	0.11	0.13	0.16	48.62	ppb
Cobalt	59-2	0.25	0.20	0.24	0.23	11.16	ppb
Copper	63-2	0.53	0.50	0.39	0.47	16.18	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				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	12.43	12.73	12.98	12.71	2.16	ppb
Iron	57-2	13.84	13.25	14.58	13.89	4.82	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.24	0.24	4.34	ppb
Lead	207-1	0.29	0.26	0.21	0.25	14.80	ppb
Lead	208-1	0.25	0.24	0.23	0.24	4.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	31.85	22.38	29.51	27.91	17.68	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.52	0.89	0.68	27.98	ppb
Molybdenum	94-1	1.07	1.20	1.28	1.18	8.88	ppb
Molybdenum	95-1	1.15	1.24	1.23	1.21	4.28	ppb
Molybdenum	96-1	1.14	1.15	1.13	1.14	0.77	ppb
Molybdenum	97-1	1.22	1.20	1.04	1.15	8.49	ppb
Molybdenum	98-1	1.18	1.24	1.16	1.20	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.24	0.24	0.23	13.50	ppb
Phosphorus	31-2	13.99	-0.74	-0.65	4.20	201.69	ppb
Potassium	39-2	12.28	6.75	7.10	8.71	35.57	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	4.55	-2.41	1.07	1.07	325.10	ppb
Selenium	78-2	1.33	4.21	1.33	2.29	72.58	ppb
Selenium	82-1	2.16	2.41	1.77	2.11	15.41	ppb
Silicon	28-1	-14.84	-12.68	-14.25	-13.92		ppb
Silver	109-1	0.26	0.26	0.28	0.27	4.86	ppb
Silver	107-1	0.28	0.26	0.26	0.27	4.54	ppb
Sodium	23-2	45.41	47.77	45.41	46.20	2.95	ppb
Strontium	86-1	0.17	0.15	0.23	0.18	22.07	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.54	ppb
Sulfur	34-1	-974.65	-742.18	-960.01	-892.28		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.27	0.25	6.35	ppb
Thallium	205-1	0.25	0.26	0.29	0.27	8.25	ppb
Tin	118-1	0.22	0.13	0.19	0.18	23.50	ppb
Titanium	47-1	1.16	1.34	1.21	1.24	7.77	ppb
Uranium	238-1	0.22	0.22	0.25	0.23	8.12	ppb
Vanadium	51-2	0.26	0.27	0.27	0.27	2.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.75	0.31	0.64	0.57	40.06	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.21	0.23	0.21	6.69	ppb
Zirconium	91-1	0.18	0.24	0.27	0.23	19.62	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.91	5.36	3.27	5.85	48.75	ppb
Antimony	121-1	0.25	0.27	0.25	0.26	3.25	ppb
Arsenic	75-2	0.23	0.24	0.14	0.20	28.21	ppb
Barium	135-1	1.21	1.33	1.37	1.30	6.10	ppb
Barium	137-1	1.32	1.31	1.14	1.26	7.77	ppb
Beryllium	9-1	0.30	0.26	0.28	0.28	7.70	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	3.34	2.27	2.00	2.54	27.83	ppb
Boron	11-1	2.28	2.65	2.30	2.41	8.64	ppb
Cadmium	111-1	0.33	0.22	0.34	0.29	23.26	ppb
Cadmium	106-1	0.47	-0.72	0.73	0.16	476.72	ppb
Cadmium	108-1	0.16	0.34	0.30	0.27	36.72	ppb
Calcium	43-1	23.94	20.47	26.12	23.51	12.13	ppb
Calcium	44-1	15.66	14.44	16.91	15.67	7.88	ppb
Chromium	52-2	0.22	0.19	0.25	0.22	12.97	ppb
Cobalt	59-2	0.30	0.26	0.22	0.26	16.42	ppb
Copper	63-2	0.49	0.48	0.46	0.48	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	14.03	13.99	13.17	13.73	3.53	ppb
Iron	57-2	14.79	12.21	13.68	13.56	9.54	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.27	0.22	0.26	12.59	ppb
Lead	207-1	0.27	0.24	0.26	0.26	4.85	ppb
Lead	208-1	0.26	0.27	0.25	0.26	4.21	ppb
Lithium	6-1				108		%
Magnesium	24-2	27.05	33.24	24.97	28.42	15.13	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.72	0.50	0.54	0.59	20.18	ppb
Molybdenum	94-1	1.19	1.28	1.27	1.25	3.78	ppb
Molybdenum	95-1	1.27	1.16	1.27	1.23	5.25	ppb
Molybdenum	96-1	1.23	1.31	1.31	1.28	3.53	ppb
Molybdenum	97-1	1.31	1.34	1.29	1.31	2.05	ppb
Molybdenum	98-1	1.31	1.25	1.28	1.28	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.19	0.26	0.25	23.22	ppb
Phosphorus	31-2	15.10	13.87	28.04	19.01	41.30	ppb
Potassium	39-2	16.70	14.47	23.01	18.06	24.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	1.18	1.04	1.07	1.09	6.85	ppb
Selenium	78-2	1.41	2.47	3.67	2.52	45.02	ppb
Selenium	82-1	2.04	1.69	1.82	1.85	9.52	ppb
Silicon	28-1	-14.47	-13.38	-13.67	-13.84		ppb
Silver	109-1	0.28	0.25	0.29	0.27	7.09	ppb
Silver	107-1	0.28	0.29	0.24	0.27	8.55	ppb
Sodium	23-2	53.73	42.96	51.61	49.43	11.54	ppb
Strontium	86-1	0.23	0.22	0.21	0.22	5.66	ppb
Strontium	88-1	0.26	0.27	0.24	0.25	4.84	ppb
Sulfur	34-1	-786.12	-861.39	-850.76	-832.76		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.27	0.24	0.25	6.33	ppb
Thallium	205-1	0.26	0.29	0.25	0.27	7.85	ppb
Tin	118-1	0.17	0.24	0.20	0.20	17.87	ppb
Titanium	47-1	1.44	1.37	1.35	1.39	3.54	ppb
Uranium	238-1	0.27	0.25	0.23	0.25	8.29	ppb
Vanadium	51-2	0.24	0.24	0.40	0.29	31.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.52	0.15	0.30	0.32	57.18	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.25	0.25	0.24	9.79	ppb
Zirconium	91-1	0.22	0.23	0.24	0.23	3.57	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.17	4.29	6.40	4.29	49.38	ppb
Antimony	121-1	0.25	0.27	0.33	0.28	15.00	ppb
Arsenic	75-2	0.26	0.32	0.15	0.24	35.83	ppb
Barium	135-1	1.26	1.56	1.41	1.41	10.68	ppb
Barium	137-1	1.42	1.23	1.59	1.41	12.83	ppb
Beryllium	9-1	0.27	0.21	0.33	0.27	21.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	1.70	2.23	1.95	1.96	13.64	ppb
Boron	11-1	1.87	2.31	2.39	2.19	12.92	ppb
Cadmium	111-1	0.38	0.22	0.22	0.27	33.58	ppb
Cadmium	106-1	1.36	-0.96	-0.90	-0.17		ppb
Cadmium	108-1	0.34	0.09	0.18	0.20	60.62	ppb
Calcium	43-1	26.75	20.27	16.61	21.21	24.21	ppb
Calcium	44-1	16.74	16.21	27.08	20.01	30.64	ppb
Chromium	52-2	0.21	0.23	0.29	0.24	16.92	ppb
Cobalt	59-2	0.27	0.26	0.27	0.27	0.80	ppb
Copper	63-2	0.52	0.47	0.51	0.50	6.22	ppb
Dysprosium	156-1						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				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	13.10	13.76	13.40	13.42	2.46	ppb
Iron	57-2	14.92	16.12	14.11	15.05	6.72	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.26	0.32	0.28	12.27	ppb
Lead	207-1	0.24	0.26	0.26	0.25	5.76	ppb
Lead	208-1	0.25	0.26	0.28	0.26	6.19	ppb
Lithium	6-1				105		%
Magnesium	24-2	26.20	31.03	22.34	26.52	16.42	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.36	0.61	0.59	0.52	27.06	ppb
Molybdenum	94-1	1.33	1.26	1.33	1.31	3.31	ppb
Molybdenum	95-1	1.33	1.16	1.56	1.35	14.90	ppb
Molybdenum	96-1	1.28	1.28	1.29	1.29	0.49	ppb
Molybdenum	97-1	1.22	1.18	1.32	1.24	5.74	ppb
Molybdenum	98-1	1.26	1.27	1.41	1.31	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.31	0.32	0.29	11.50	ppb
Phosphorus	31-2	-0.87	-14.96	-14.96	-10.26		ppb
Potassium	39-2	15.90	17.32	23.36	18.86	21.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.98	4.45	-2.41	1.01	339.99	ppb
Selenium	78-2	2.99	2.45	4.81	3.42	36.12	ppb
Selenium	82-1	1.60	1.81	1.65	1.69	6.45	ppb
Silicon	28-1	-14.42	-11.07	-3.39	-9.63		ppb
Silver	109-1	0.25	0.28	0.30	0.28	8.71	ppb
Silver	107-1	0.28	0.29	0.31	0.29	4.98	ppb
Sodium	23-2	45.32	48.19	51.51	48.34	6.41	ppb
Strontium	86-1	0.19	0.31	0.30	0.27	24.93	ppb
Strontium	88-1	0.25	0.28	0.28	0.27	6.82	ppb
Sulfur	34-1	-688.74	-548.12	541.40	-231.82		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.25	0.29	0.27	8.23	ppb
Thallium	205-1	0.28	0.27	0.32	0.29	8.02	ppb
Tin	118-1	0.19	0.20	0.19	0.19	2.06	ppb
Titanium	47-1	1.50	1.28	1.29	1.36	9.25	ppb
Uranium	238-1	0.25	0.23	0.26	0.25	5.95	ppb
Vanadium	51-2	0.28	0.23	0.33	0.28	17.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.30	0.32	0.40	0.34	15.51	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.25	0.26	0.24	9.85	ppb
Zirconium	91-1	0.25	0.23	0.28	0.25	10.37	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.50	7.25	0.26	4.00	87.95	ppb
Antimony	121-1	0.24	0.22	0.26	0.24	8.65	ppb
Arsenic	75-2	0.23	0.27	0.18	0.23	18.72	ppb
Barium	135-1	1.18	1.16	1.09	1.15	4.15	ppb
Barium	137-1	1.30	1.30	1.41	1.33	4.77	ppb
Beryllium	9-1	0.23	0.21	0.29	0.24	17.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	2.07	1.70	1.86	1.88	9.95	ppb
Boron	11-1	1.86	2.03	1.91	1.94	4.55	ppb
Cadmium	111-1	0.23	0.20	0.25	0.23	11.39	ppb
Cadmium	106-1	-0.11	-0.51	0.52	-0.03		ppb
Cadmium	108-1	0.30	0.61	0.20	0.37	57.92	ppb
Calcium	43-1	25.33	33.43	22.95	27.24	20.17	ppb
Calcium	44-1	15.92	19.31	16.95	17.39	9.99	ppb
Chromium	52-2	0.16	0.15	0.22	0.18	18.98	ppb
Cobalt	59-2	0.28	0.26	0.29	0.28	4.68	ppb
Copper	63-2	0.49	0.42	0.35	0.42	15.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	12.88	12.64	12.79	12.77	0.92	ppb
Iron	57-2	10.65	15.65	13.28	13.19	18.97	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.24	0.29	0.26	9.45	ppb
Lead	207-1	0.27	0.27	0.26	0.27	1.80	ppb
Lead	208-1	0.25	0.25	0.25	0.25	1.14	ppb
Lithium	6-1				107		%
Magnesium	24-2	27.13	25.11	31.13	27.79	11.02	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.46	0.44	0.47	6.65	ppb
Molybdenum	94-1	1.24	1.21	1.14	1.20	4.08	ppb
Molybdenum	95-1	1.04	1.24	1.14	1.14	8.96	ppb
Molybdenum	96-1	1.25	1.29	1.18	1.24	4.63	ppb
Molybdenum	97-1	1.19	1.23	1.07	1.16	7.22	ppb
Molybdenum	98-1	1.25	1.24	1.24	1.25	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.24	0.26	0.26	8.04	ppb
Phosphorus	31-2	14.53	-14.96	-0.43	-0.29		ppb
Potassium	39-2	9.49	24.02	7.85	13.79	64.56	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	-2.41	1.07	-2.41	-1.25		ppb
Selenium	78-2	0.14	0.16	2.56	0.95	146.44	ppb
Selenium	82-1	2.42	1.63	1.72	1.92	22.41	ppb
Silicon	28-1	-13.57	-11.95	-12.67	-12.73		ppb
Silver	109-1	0.27	0.27	0.24	0.26	6.91	ppb
Silver	107-1	0.24	0.23	0.23	0.23	3.91	ppb
Sodium	23-2	42.51	44.44	42.90	43.28	2.35	ppb
Strontium	86-1	0.23	0.13	0.21	0.19	27.92	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	1.96	ppb
Sulfur	34-1	-699.91	-474.40	-691.92	-622.08		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.23	0.29	0.25	13.11	ppb
Thallium	205-1	0.26	0.27	0.28	0.27	3.54	ppb
Tin	118-1	0.17	0.15	0.19	0.17	9.78	ppb
Titanium	47-1	1.37	1.63	1.19	1.39	15.66	ppb
Uranium	238-1	0.24	0.23	0.23	0.23	2.66	ppb
Vanadium	51-2	0.29	0.22	0.21	0.24	18.89	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.19	0.22	0.29	0.23	23.50	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.22	0.23	4.31	ppb
Zirconium	91-1	0.21	0.24	0.22	0.22	7.94	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.38	4.33	1.54	5.08	78.20	ppb
Antimony	121-1	0.28	0.25	0.27	0.26	4.43	ppb
Arsenic	75-2	0.24	0.22	0.10	0.19	40.70	ppb
Barium	135-1	1.34	1.48	1.46	1.43	5.52	ppb
Barium	137-1	1.45	1.41	1.37	1.41	3.10	ppb
Beryllium	9-1	0.23	0.21	0.21	0.22	5.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	1.90	2.15	1.41	1.82	20.48	ppb
Boron	11-1	1.91	2.05	2.32	2.09	10.01	ppb
Cadmium	111-1	0.23	0.20	0.22	0.22	8.28	ppb
Cadmium	106-1	0.09	-0.40	-0.34	-0.22		ppb
Cadmium	108-1	0.28	0.24	0.23	0.25	9.92	ppb
Calcium	43-1	22.96	20.97	24.09	22.67	6.95	ppb
Calcium	44-1	13.67	17.89	15.65	15.74	13.43	ppb
Chromium	52-2	0.25	0.19	0.34	0.26	30.21	ppb
Cobalt	59-2	0.23	0.26	0.28	0.26	11.02	ppb
Copper	63-2	0.54	0.49	0.54	0.52	5.40	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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	13.89	13.26	14.09	13.75	3.15	ppb
Iron	57-2	15.21	10.65	15.56	13.81	19.86	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.26	0.28	0.27	5.30	ppb
Lead	207-1	0.28	0.27	0.25	0.27	5.24	ppb
Lead	208-1	0.27	0.26	0.27	0.26	1.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	24.73	32.76	32.04	29.84	14.88	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.58	0.63	0.51	0.57	10.31	ppb
Molybdenum	94-1	1.17	1.22	1.18	1.19	2.37	ppb
Molybdenum	95-1	1.39	1.29	1.25	1.31	5.56	ppb
Molybdenum	96-1	1.25	1.20	1.29	1.25	3.83	ppb
Molybdenum	97-1	1.35	1.35	1.23	1.31	5.42	ppb
Molybdenum	98-1	1.20	1.23	1.31	1.24	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.22	0.38	0.30	26.65	ppb
Phosphorus	31-2	-0.64	-14.96	0.44	-5.05		ppb
Potassium	39-2	21.79	19.44	20.02	20.42	6.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	-2.41	4.51	1.29	1.13	305.62	ppb
Selenium	78-2	3.08	1.90	3.35	2.78	27.72	ppb
Selenium	82-1	2.01	1.93	2.15	2.03	5.47	ppb
Silicon	28-1	-10.84	-11.29	-13.01	-11.71		ppb
Silver	109-1	0.27	0.31	0.26	0.28	9.22	ppb
Silver	107-1	0.27	0.32	0.28	0.29	8.61	ppb
Sodium	23-2	49.37	60.66	53.49	54.51	10.48	ppb
Strontium	86-1	0.29	0.29	0.22	0.27	16.18	ppb
Strontium	88-1	0.25	0.27	0.26	0.26	3.42	ppb
Sulfur	34-1	-333.70	-337.65	-739.97	-470.44		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.23	0.24	0.25	10.12	ppb
Thallium	205-1	0.27	0.29	0.27	0.28	4.58	ppb
Tin	118-1	0.21	0.19	0.19	0.20	4.48	ppb
Titanium	47-1	1.28	1.49	1.37	1.38	7.68	ppb
Uranium	238-1	0.23	0.25	0.24	0.24	2.67	ppb
Vanadium	51-2	0.26	0.27	0.30	0.28	7.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.59	0.51	0.69	0.60	14.82	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.24	0.26	0.25	6.55	ppb
Zirconium	91-1	0.23	0.22	0.23	0.23	2.02	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.36	10.43	5.33	6.37	57.25	ppb
Antimony	121-1	0.25	0.25	0.21	0.24	8.81	ppb
Arsenic	75-2	0.23	0.25	0.25	0.24	5.57	ppb
Barium	135-1	1.35	1.31	1.31	1.32	1.76	ppb
Barium	137-1	1.37	1.38	1.14	1.30	10.35	ppb
Beryllium	9-1	0.23	0.31	0.27	0.27	15.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	1.29	1.42	1.79	1.50	17.39	ppb
Boron	11-1	1.63	1.88	1.78	1.76	7.24	ppb
Cadmium	111-1	0.20	0.26	0.33	0.26	24.17	ppb
Cadmium	106-1	-0.38	-0.16	0.65	0.03	1628.07	ppb
Cadmium	108-1	0.17	0.17	0.54	0.29	74.22	ppb
Calcium	43-1	27.93	23.25	22.83	24.67	11.48	ppb
Calcium	44-1	14.99	14.97	16.21	15.39	4.64	ppb
Chromium	52-2	0.18	0.25	0.21	0.21	15.61	ppb
Cobalt	59-2	0.25	0.25	0.21	0.24	8.77	ppb
Copper	63-2	0.41	0.42	0.41	0.41	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	13.42	13.18	13.29	13.29	0.88	ppb
Iron	57-2	10.76	12.15	12.17	11.70	6.90	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.20	0.26	0.24	14.02	ppb
Lead	207-1	0.24	0.25	0.28	0.26	7.43	ppb
Lead	208-1	0.26	0.25	0.25	0.25	1.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	31.76	25.45	24.61	27.27	14.33	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.48	0.58	0.53	9.10	ppb
Molybdenum	94-1	1.18	1.21	1.39	1.26	8.93	ppb
Molybdenum	95-1	1.23	1.24	1.30	1.26	2.68	ppb
Molybdenum	96-1	1.38	1.15	1.27	1.27	8.83	ppb
Molybdenum	97-1	1.23	1.17	1.16	1.19	3.13	ppb
Molybdenum	98-1	1.27	1.17	1.25	1.23	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.22	0.31	0.29	21.81	ppb
Phosphorus	31-2	-14.96	-0.61	-0.59	-5.39		ppb
Potassium	39-2	22.52	39.75	10.30	24.19	61.18	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1.13	-2.41	8.01	2.24	235.99	ppb
Selenium	78-2	1.37	4.79	1.33	2.50	79.54	ppb
Selenium	82-1	2.55	2.44	1.97	2.32	13.39	ppb
Silicon	28-1	-13.54	-12.59	-12.95	-13.03		ppb
Silver	109-1	0.25	0.29	0.27	0.27	6.69	ppb
Silver	107-1	0.30	0.28	0.29	0.29	3.78	ppb
Sodium	23-2	44.28	52.45	47.79	48.18	8.51	ppb
Strontium	86-1	0.25	0.15	0.17	0.19	27.32	ppb
Strontium	88-1	0.25	0.26	0.24	0.25	5.24	ppb
Sulfur	34-1	-745.66	-544.73	-784.33	-691.57		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.28	0.27	0.26	0.27	4.53	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	3.09	ppb
Tin	118-1	0.17	0.23	0.16	0.19	20.39	ppb
Titanium	47-1	1.36	1.40	1.15	1.30	10.25	ppb
Uranium	238-1	0.21	0.26	0.23	0.23	10.59	ppb
Vanadium	51-2	0.21	0.26	0.28	0.25	13.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.60	0.51	0.49	0.54	10.75	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.22	0.24	7.20	ppb
Zirconium	91-1	0.28	0.22	0.21	0.24	16.06	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	5.45	5.32	4.71	24.95	ppb
Antimony	121-1	0.23	0.27	0.27	0.26	8.03	ppb
Arsenic	75-2	0.27	0.39	0.23	0.30	28.05	ppb
Barium	135-1	1.31	1.34	1.37	1.34	1.96	ppb
Barium	137-1	1.31	1.36	1.42	1.36	4.09	ppb
Beryllium	9-1	0.27	0.23	0.26	0.25	8.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	1.82	1.02	1.74	1.53	29.02	ppb
Boron	11-1	1.79	1.42	1.75	1.65	12.37	ppb
Cadmium	111-1	0.18	0.23	0.24	0.22	15.11	ppb
Cadmium	106-1	-1.07	-0.71	-0.35	-0.71		ppb
Cadmium	108-1	0.34	0.30	0.27	0.30	11.90	ppb
Calcium	43-1	30.37	21.30	20.03	23.90	23.60	ppb
Calcium	44-1	16.53	19.83	16.84	17.74	10.27	ppb
Chromium	52-2	0.21	0.30	0.21	0.24	21.50	ppb
Cobalt	59-2	0.28	0.23	0.23	0.25	12.09	ppb
Copper	63-2	0.55	0.51	0.38	0.48	18.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	12.89	13.70	13.41	13.33	3.10	ppb
Iron	57-2	9.51	11.12	14.92	11.85	23.46	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.25	0.25	1.19	ppb
Lead	207-1	0.27	0.21	0.25	0.24	11.57	ppb
Lead	208-1	0.26	0.24	0.26	0.26	5.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	27.11	29.44	27.61	28.05	4.38	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.68	0.56	0.55	0.59	12.78	ppb
Molybdenum	94-1	1.37	1.22	1.20	1.26	7.35	ppb
Molybdenum	95-1	1.28	1.30	1.22	1.27	3.12	ppb
Molybdenum	96-1	1.26	1.29	1.30	1.28	1.97	ppb
Molybdenum	97-1	1.28	1.33	1.19	1.27	5.79	ppb
Molybdenum	98-1	1.30	1.23	1.31	1.28	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.18	0.28	0.23	21.58	ppb
Phosphorus	31-2	-14.96	-0.39	-14.96	-10.10		ppb
Potassium	39-2	29.12	0.47	3.74	11.11	141.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	-2.41	8.13	-2.41	1.11	549.48	ppb
Selenium	78-2	0.16	1.36	0.79	0.77	77.73	ppb
Selenium	82-1	1.63	2.86	1.37	1.96	40.62	ppb
Silicon	28-1	-13.15	-13.07	-11.73	-12.65		ppb
Silver	109-1	0.30	0.26	0.25	0.27	10.25	ppb
Silver	107-1	0.29	0.28	0.30	0.29	2.02	ppb
Sodium	23-2	49.04	56.11	45.66	50.27	10.60	ppb
Strontium	86-1	0.32	0.27	0.24	0.28	14.43	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	3.11	ppb
Sulfur	34-1	-541.69	-582.93	-635.06	-586.56		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.25	0.25	0.26	7.17	ppb
Thallium	205-1	0.27	0.25	0.28	0.26	6.09	ppb
Tin	118-1	0.17	0.20	0.21	0.19	9.22	ppb
Titanium	47-1	1.08	1.39	1.51	1.32	16.83	ppb
Uranium	238-1	0.24	0.24	0.25	0.24	1.66	ppb
Vanadium	51-2	0.24	0.26	0.24	0.25	4.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.64	0.49	0.51	0.55	14.87	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.24	0.24	0.24	1.51	ppb
Zirconium	91-1	0.22	0.25	0.28	0.25	12.87	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.27	5.41	7.47	5.38	38.97	ppb
Antimony	121-1	0.22	0.22	0.23	0.22	2.29	ppb
Arsenic	75-2	0.21	0.12	0.32	0.22	44.44	ppb
Barium	135-1	1.18	1.26	1.41	1.28	8.91	ppb
Barium	137-1	1.26	1.40	1.33	1.33	5.37	ppb
Beryllium	9-1	0.20	0.23	0.27	0.23	14.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	1.55	1.47	1.40	1.47	5.11	ppb
Boron	11-1	1.71	1.31	1.82	1.61	16.43	ppb
Cadmium	111-1	0.26	0.18	0.32	0.25	27.97	ppb
Cadmium	106-1	-0.23	-1.03	1.01	-0.08		ppb
Cadmium	108-1	0.13	0.31	0.35	0.26	43.92	ppb
Calcium	43-1	24.31	25.28	16.09	21.90	23.07	ppb
Calcium	44-1	16.26	14.14	18.84	16.41	14.36	ppb
Chromium	52-2	0.31	0.26	0.25	0.27	10.93	ppb
Cobalt	59-2	0.21	0.26	0.23	0.23	11.29	ppb
Copper	63-2	0.47	0.53	0.43	0.48	10.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	12.60	13.48	12.57	12.88	4.03	ppb
Iron	57-2	13.98	10.74	12.61	12.44	13.06	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.24	0.24	1.30	ppb
Lead	207-1	0.22	0.23	0.22	0.22	2.56	ppb
Lead	208-1	0.25	0.24	0.23	0.24	3.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	26.48	25.74	28.16	26.79	4.62	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.43	0.46	0.53	0.47	11.23	ppb
Molybdenum	94-1	1.27	1.22	1.11	1.20	6.79	ppb
Molybdenum	95-1	1.31	1.20	1.21	1.24	4.85	ppb
Molybdenum	96-1	1.15	1.15	1.24	1.18	4.37	ppb
Molybdenum	97-1	1.10	1.31	1.19	1.20	8.57	ppb
Molybdenum	98-1	1.20	1.15	1.31	1.22	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.25	0.29	0.27	5.96	ppb
Phosphorus	31-2	-0.64	28.54	-14.96	4.31	513.80	ppb
Potassium	39-2	2.82	16.65	0.31	6.59	133.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	1.09	-2.41	4.59	1.09	320.31	ppb
Selenium	78-2	6.07	-0.42	1.94	2.53	130.01	ppb
Selenium	82-1	1.39	1.18	1.55	1.37	13.38	ppb
Silicon	28-1	-12.19	-13.04	-9.25	-11.49		ppb
Silver	109-1	0.28	0.28	0.28	0.28	0.47	ppb
Silver	107-1	0.29	0.27	0.25	0.27	5.77	ppb
Sodium	23-2	45.79	40.10	50.88	45.59	11.82	ppb
Strontium	86-1	0.17	0.19	0.19	0.19	5.20	ppb
Strontium	88-1	0.25	0.25	0.26	0.25	0.75	ppb
Sulfur	34-1	-432.48	-710.28	-230.02	-457.59		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.25	0.22	0.24	6.54	ppb
Thallium	205-1	0.24	0.29	0.27	0.26	8.73	ppb
Tin	118-1	0.15	0.19	0.25	0.20	25.10	ppb
Titanium	47-1	1.40	1.12	1.25	1.26	11.31	ppb
Uranium	238-1	0.22	0.23	0.24	0.23	3.65	ppb
Vanadium	51-2	0.24	0.26	0.26	0.25	5.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.21	0.43	0.41	0.35	35.34	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.23	0.24	0.22	6.77	ppb
Zirconium	91-1	0.26	0.21	0.25	0.24	10.70	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49622.35	50306.56	50232.57	50053.83	0.75	ppb
Antimony	121-1	498.10	496.18	526.71	507.00	3.37	ppb
Arsenic	75-2	493.90	487.26	491.32	490.82	0.68	ppb
Barium	135-1	2566.15	2529.73	2644.75	2580.21	2.28	ppb
Barium	137-1	2497.00	2515.85	2650.54	2554.47	3.28	ppb
Beryllium	9-1	506.99	503.88	530.76	513.87	2.86	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	497.54	507.63	551.52	518.90	5.53	ppb
Boron	11-1	506.53	518.28	549.87	524.89	4.27	ppb
Cadmium	111-1	483.15	485.33	512.75	493.75	3.34	ppb
Cadmium	106-1	489.83	497.82	518.33	501.99	2.93	ppb
Cadmium	108-1	483.11	496.30	514.53	497.98	3.17	ppb
Calcium	43-1	242998.96	242088.58	253775.99	246287.84	2.64	ppb
Calcium	44-1	242526.78	240702.13	254887.19	246038.70	3.14	ppb
Chromium	52-2	508.81	507.22	515.74	510.59	0.89	ppb
Cobalt	59-2	478.68	478.19	485.56	480.81	0.86	ppb
Copper	63-2	965.65	950.21	959.80	958.55	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	123126.70	122384.95	124133.40	123215.02	0.71	ppb
Iron	57-2	126182.26	125020.09	127222.84	126141.73	0.87	ppb
Krypton	83-1						cps
Lead	206-1	505.01	515.06	527.65	515.91	2.20	ppb
Lead	207-1	499.43	496.85	527.13	507.80	3.31	ppb
Lead	208-1	501.81	505.91	529.83	512.52	2.95	ppb
Lithium	6-1				104		%
Magnesium	24-2	251896.99	249253.03	252220.23	251123.42	0.65	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.13	999.02	1016.90	1004.35	1.09	ppb
Molybdenum	94-1	2575.91	2523.53	2597.39	2565.61	1.48	ppb
Molybdenum	95-1	2533.56	2540.00	2570.85	2548.13	0.78	ppb
Molybdenum	96-1	2535.96	2555.96	2618.73	2570.22	1.68	ppb
Molybdenum	97-1	2559.03	2530.16	2598.08	2562.42	1.33	ppb
Molybdenum	98-1	2534.58	2558.15	2589.56	2560.76	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.98	493.10	498.85	494.31	0.82	ppb
Phosphorus	31-2	9894.40	9815.56	10876.48	10195.48	5.80	ppb
Potassium	39-2	125849.21	127003.82	128367.42	127073.48	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	498.34	468.72	464.45	477.17	3.87	ppb
Selenium	78-2	495.90	539.32	487.48	507.57	5.48	ppb
Selenium	82-1	498.17	493.68	512.06	501.30	1.91	ppb
Silicon	28-1	536.25	525.01	554.04	538.43	2.72	ppb
Silver	109-1	491.56	499.28	522.20	504.35	3.16	ppb
Silver	107-1	492.07	497.52	519.60	503.06	2.90	ppb
Sodium	23-2	251575.99	250782.73	253195.46	251851.39	0.49	ppb
Strontium	86-1	504.37	508.85	527.80	513.67	2.42	ppb
Strontium	88-1	514.61	514.44	536.21	521.75	2.40	ppb
Sulfur	34-1	9323.94	9094.88	9995.09	9471.30	4.94	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	515.53	507.40	529.37	517.43	2.15	ppb
Thallium	205-1	506.19	508.51	529.49	514.73	2.49	ppb
Tin	118-1	511.50	502.26	529.57	514.44	2.70	ppb
Titanium	47-1	2566.06	2524.76	2673.32	2588.04	2.96	ppb
Uranium	238-1	517.20	514.35	538.06	523.20	2.47	ppb
Vanadium	51-2	493.59	497.59	504.23	498.47	1.08	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	960.00	962.83	982.92	968.58	1.29	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.10	508.22	527.84	513.72	2.40	ppb
Zirconium	91-1	499.91	503.43	516.90	506.75	1.77	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.88	-0.89	0.10	-0.89		ppb
Antimony	121-1	0.22	0.23	0.22	0.22	2.05	ppb
Arsenic	75-2	0.00	0.10	-0.01	0.03	203.19	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	0.01	0.01	102.28	ppb
Beryllium	9-1	0.04	0.02	-0.01	0.02	123.59	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	3.00	3.28	4.25	3.51	18.72	ppb
Boron	11-1	4.26	3.88	3.69	3.95	7.37	ppb
Cadmium	111-1	0.00	0.00	0.03	0.01	183.32	ppb
Cadmium	106-1	-0.16	-0.04	0.23	0.01	1644.59	ppb
Cadmium	108-1	-0.09	-0.05	-0.09	-0.08		ppb
Calcium	43-1	-8.66	-2.93	-6.69	-6.09		ppb
Calcium	44-1	-7.20	-6.82	-4.92	-6.31		ppb
Chromium	52-2	-0.17	-0.07	-0.16	-0.13		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.08	-0.07	-0.09	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	0.54	0.37	0.39	0.43	20.86	ppb
Iron	57-2	-0.08	1.14	1.17	0.74	95.71	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	27.44	ppb
Lead	207-1	0.03	0.03	0.02	0.02	26.92	ppb
Lead	208-1	0.01	0.02	0.02	0.02	19.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.55	4.11	1.86	2.84	40.47	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.02	-0.02	0.00		ppb
Molybdenum	94-1	0.20	0.14	0.13	0.16	22.30	ppb
Molybdenum	95-1	0.17	0.15	0.13	0.15	12.76	ppb
Molybdenum	96-1	0.14	0.14	0.14	0.14	2.67	ppb
Molybdenum	97-1	0.10	0.16	0.12	0.13	23.28	ppb
Molybdenum	98-1	0.13	0.14	0.11	0.13	12.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.06	0.02	-0.02		ppb
Phosphorus	31-2	-14.96	12.40	-14.96	-5.84		ppb
Potassium	39-2	1.18	-1.20	1.47	0.48	304.57	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	-1.01	-1.01	-0.46	-0.83		ppb
Selenium	82-1	-0.56	-0.98	-0.88	-0.81		ppb
Silicon	28-1	-26.34	-25.12	-22.10	-24.52		ppb
Silver	109-1	0.02	0.03	0.03	0.03	4.39	ppb
Silver	107-1	0.03	0.02	0.03	0.03	14.00	ppb
Sodium	23-2	28.36	31.97	30.18	30.17	5.99	ppb
Strontium	86-1	-0.01	-0.07	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2036.20	-1834.79	-1521.08	-1797.36		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.71	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.07	ppb
Tin	118-1	-0.08	-0.08	-0.04	-0.07		ppb
Titanium	47-1	0.03	-0.01	0.03	0.02	128.60	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				112		%
Yttrium	89-2				111		%
Zinc	66-2	0.04	0.04	0.12	0.07	70.67	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	18.34	ppb
Zirconium	91-1	0.04	0.02	0.06	0.04	42.50	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.15	9.07	0.17	3.80	123.07	ppb
Antimony	121-1	0.34	0.38	0.36	0.36	5.15	ppb
Arsenic	75-2	0.31	0.13	0.16	0.20	49.40	ppb
Barium	135-1	1.26	1.15	1.24	1.21	4.68	ppb
Barium	137-1	1.24	1.20	1.23	1.22	1.99	ppb
Beryllium	9-1	0.26	0.25	0.31	0.27	11.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	3.53	3.23	2.79	3.18	11.61	ppb
Boron	11-1	3.16	3.16	3.11	3.14	0.82	ppb
Cadmium	111-1	0.25	0.16	0.23	0.21	22.20	ppb
Cadmium	106-1	0.42	-1.21	0.41	-0.13		ppb
Cadmium	108-1	0.40	0.43	0.39	0.41	4.58	ppb
Calcium	43-1	24.85	27.51	27.64	26.66	5.91	ppb
Calcium	44-1	18.91	22.64	20.46	20.67	9.06	ppb
Chromium	52-2	0.24	0.18	0.20	0.20	15.21	ppb
Cobalt	59-2	0.24	0.26	0.24	0.25	5.34	ppb
Copper	63-2	0.42	0.37	0.51	0.43	16.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	12.88	13.08	12.88	12.95	0.87	ppb
Iron	57-2	13.02	12.95	16.48	14.15	14.28	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.30	0.27	11.56	ppb
Lead	207-1	0.28	0.27	0.26	0.27	3.65	ppb
Lead	208-1	0.24	0.27	0.27	0.26	6.17	ppb
Lithium	6-1				107		%
Magnesium	24-2	34.37	27.62	34.44	32.14	12.19	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.48	0.59	0.52	11.25	ppb
Molybdenum	94-1	1.34	1.22	1.27	1.28	4.81	ppb
Molybdenum	95-1	1.28	1.22	1.43	1.31	8.55	ppb
Molybdenum	96-1	1.47	1.31	1.26	1.35	7.86	ppb
Molybdenum	97-1	1.33	1.33	1.09	1.25	10.99	ppb
Molybdenum	98-1	1.29	1.25	1.32	1.29	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.35	0.32	0.31	13.91	ppb
Phosphorus	31-2	-14.96	-14.96	13.30	-5.54		ppb
Potassium	39-2	6.46	7.85	4.84	6.38	23.62	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	-2.41	4.26	-2.41	-0.18		ppb
Selenium	78-2	1.81	4.04	1.82	2.56	50.43	ppb
Selenium	82-1	1.52	2.40	2.16	2.03	22.44	ppb
Silicon	28-1	-14.78	-16.57	-17.98	-16.44		ppb
Silver	109-1	0.26	0.26	0.27	0.26	2.81	ppb
Silver	107-1	0.27	0.28	0.26	0.27	3.65	ppb
Sodium	23-2	49.13	53.67	69.99	57.60	19.05	ppb
Strontium	86-1	0.23	0.24	0.29	0.25	12.64	ppb
Strontium	88-1	0.23	0.23	0.25	0.24	3.65	ppb
Sulfur	34-1	-1185.85	-1144.20	-1411.78	-1247.28		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.28	0.29	0.25	0.27	7.91	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.31	ppb
Tin	118-1	0.25	0.17	0.22	0.21	16.96	ppb
Titanium	47-1	1.40	1.03	1.26	1.23	14.91	ppb
Uranium	238-1	0.21	0.24	0.22	0.22	6.88	ppb
Vanadium	51-2	0.25	0.23	0.20	0.23	11.88	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	0.17	0.54	0.18	0.29	71.43	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.26	0.26	0.25	8.08	ppb
Zirconium	91-1	0.26	0.27	0.24	0.25	6.07	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.04	13.08	5.15	8.09	53.74	ppb
Antimony	121-1	0.33	0.32	0.31	0.32	3.31	ppb
Arsenic	75-2	0.31	0.31	0.26	0.30	10.08	ppb
Barium	135-1	1.39	1.26	1.44	1.37	6.66	ppb
Barium	137-1	1.28	1.14	1.35	1.26	8.72	ppb
Beryllium	9-1	0.27	0.30	0.19	0.25	23.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	3.22	2.42	2.31	2.65	18.78	ppb
Boron	11-1	2.58	2.64	2.60	2.61	1.33	ppb
Cadmium	111-1	0.26	0.22	0.34	0.27	21.99	ppb
Cadmium	106-1	-0.06	-0.33	0.42	0.01	3223.55	ppb
Cadmium	108-1	0.29	0.57	0.64	0.50	36.89	ppb
Calcium	43-1	21.32	23.15	28.62	24.37	15.59	ppb
Calcium	44-1	19.31	20.81	26.12	22.08	16.22	ppb
Chromium	52-2	0.26	0.16	0.16	0.19	28.88	ppb
Cobalt	59-2	0.24	0.27	0.27	0.26	5.58	ppb
Copper	63-2	0.44	0.48	0.47	0.47	4.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	12.80	13.07	13.37	13.08	2.18	ppb
Iron	57-2	8.37	15.10	13.34	12.27	28.46	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.24	0.23	0.25	9.42	ppb
Lead	207-1	0.27	0.25	0.27	0.26	6.25	ppb
Lead	208-1	0.26	0.25	0.27	0.26	4.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	28.27	25.79	32.93	29.00	12.50	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.49	0.54	0.56	13.51	ppb
Molybdenum	94-1	1.34	1.40	1.54	1.42	7.12	ppb
Molybdenum	95-1	1.31	1.27	1.41	1.33	5.13	ppb
Molybdenum	96-1	1.38	1.20	1.39	1.32	8.11	ppb
Molybdenum	97-1	1.13	1.43	1.32	1.29	11.84	ppb
Molybdenum	98-1	1.34	1.40	1.38	1.37	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.19	0.16	0.21	28.75	ppb
Phosphorus	31-2	-14.96	13.04	-14.96	-5.62		ppb
Potassium	39-2	11.04	16.88	20.67	16.20	29.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	-2.41	4.27	-2.41	-0.18		ppb
Selenium	78-2	5.17	3.49	1.27	3.31	58.99	ppb
Selenium	82-1	2.28	2.84	1.52	2.21	30.03	ppb
Silicon	28-1	-15.88	-16.03	-11.07	-14.32		ppb
Silver	109-1	0.27	0.28	0.30	0.29	4.33	ppb
Silver	107-1	0.26	0.29	0.27	0.27	4.41	ppb
Sodium	23-2	55.65	52.78	50.78	53.07	4.61	ppb
Strontium	86-1	0.23	0.29	0.22	0.25	15.09	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	2.05	ppb
Sulfur	34-1	-1198.98	-1029.08	-486.97	-905.01		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.25	0.32	0.27	14.10	ppb
Thallium	205-1	0.26	0.28	0.31	0.29	8.40	ppb
Tin	118-1	0.22	0.19	0.26	0.22	16.94	ppb
Titanium	47-1	1.19	1.24	1.44	1.29	10.11	ppb
Uranium	238-1	0.23	0.24	0.24	0.24	2.95	ppb
Vanadium	51-2	0.26	0.19	0.28	0.25	18.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.48	0.41	0.49	0.46	9.10	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.26	0.27	0.26	1.20	ppb
Zirconium	91-1	0.29	0.28	0.34	0.30	11.69	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.18	7.66	4.22	6.36	29.36	ppb
Antimony	121-1	0.29	0.29	0.31	0.30	3.95	ppb
Arsenic	75-2	0.35	0.29	0.32	0.32	8.03	ppb
Barium	135-1	1.23	1.47	1.19	1.30	11.65	ppb
Barium	137-1	1.20	1.43	1.18	1.27	10.86	ppb
Beryllium	9-1	0.28	0.31	0.28	0.29	6.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	2.25	2.40	1.77	2.14	15.55	ppb
Boron	11-1	1.94	2.50	2.13	2.19	12.93	ppb
Cadmium	111-1	0.29	0.23	0.20	0.24	19.24	ppb
Cadmium	106-1	0.74	-0.58	-0.62	-0.15		ppb
Cadmium	108-1	0.26	0.16	0.22	0.21	24.06	ppb
Calcium	43-1	30.82	21.72	10.04	20.86	49.92	ppb
Calcium	44-1	17.10	16.22	14.47	15.93	8.40	ppb
Chromium	52-2	0.19	0.23	0.20	0.21	9.34	ppb
Cobalt	59-2	0.27	0.23	0.25	0.25	9.50	ppb
Copper	63-2	0.47	0.52	0.45	0.48	7.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	12.17	13.84	13.73	13.25	7.04	ppb
Iron	57-2	11.89	14.81	9.53	12.08	21.92	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.26	0.23	0.24	8.44	ppb
Lead	207-1	0.24	0.25	0.24	0.24	2.08	ppb
Lead	208-1	0.24	0.26	0.25	0.25	4.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	27.07	29.00	25.10	27.05	7.21	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.55	0.54	0.50	15.85	ppb
Molybdenum	94-1	1.37	1.23	1.19	1.26	7.29	ppb
Molybdenum	95-1	1.29	1.36	1.23	1.29	5.35	ppb
Molybdenum	96-1	1.27	1.33	1.30	1.30	2.22	ppb
Molybdenum	97-1	1.17	1.30	1.30	1.26	6.06	ppb
Molybdenum	98-1	1.25	1.23	1.27	1.25	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.35	0.27	0.29	20.47	ppb
Phosphorus	31-2	-0.87	-0.19	55.95	18.30	178.22	ppb
Potassium	39-2	21.04	27.22	28.28	25.51	15.33	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	-2.41	1.18	1.01	-0.07		ppb
Selenium	78-2	-1.01	2.62	0.14	0.58	319.85	ppb
Selenium	82-1	1.95	2.16	1.68	1.93	12.55	ppb
Silicon	28-1	-16.69	-14.63	-16.49	-15.94		ppb
Silver	109-1	0.26	0.28	0.32	0.29	10.98	ppb
Silver	107-1	0.27	0.26	0.28	0.27	3.71	ppb
Sodium	23-2	49.97	63.03	54.32	55.77	11.92	ppb
Strontium	86-1	0.24	0.26	0.20	0.23	12.23	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	3.93	ppb
Sulfur	34-1	-1100.16	-877.96	-1186.62	-1054.91		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.29	0.27	0.29	7.39	ppb
Thallium	205-1	0.26	0.26	0.28	0.26	4.42	ppb
Tin	118-1	0.22	0.22	0.18	0.21	11.12	ppb
Titanium	47-1	1.16	1.49	1.29	1.31	12.44	ppb
Uranium	238-1	0.23	0.25	0.25	0.24	5.24	ppb
Vanadium	51-2	0.26	0.23	0.27	0.26	8.97	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	0.23	0.33	0.37	0.31	22.72	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.26	0.25	0.26	5.04	ppb
Zirconium	91-1	0.31	0.25	0.26	0.28	11.05	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.28	8.34	4.23	5.62	42.02	ppb
Antimony	121-1	0.28	0.30	0.27	0.28	5.70	ppb
Arsenic	75-2	0.29	0.34	0.21	0.28	23.61	ppb
Barium	135-1	1.38	1.24	1.27	1.30	5.66	ppb
Barium	137-1	1.37	1.30	1.23	1.30	5.37	ppb
Beryllium	9-1	0.25	0.27	0.35	0.29	18.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	2.16	1.94	2.31	2.14	8.55	ppb
Boron	11-1	1.82	1.95	2.33	2.03	12.93	ppb
Cadmium	111-1	0.14	0.29	0.21	0.21	36.00	ppb
Cadmium	106-1	-1.41	0.15	-0.13	-0.46		ppb
Cadmium	108-1	0.20	0.20	0.29	0.23	24.23	ppb
Calcium	43-1	23.99	17.89	29.59	23.82	24.58	ppb
Calcium	44-1	18.27	17.16	16.55	17.33	5.04	ppb
Chromium	52-2	0.33	0.22	0.23	0.26	23.33	ppb
Cobalt	59-2	0.25	0.28	0.30	0.27	8.84	ppb
Copper	63-2	0.51	0.44	0.44	0.46	9.00	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				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	13.00	13.63	13.17	13.27	2.44	ppb
Iron	57-2	14.27	15.79	15.96	15.34	6.09	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.27	0.25	8.93	ppb
Lead	207-1	0.28	0.27	0.25	0.27	6.09	ppb
Lead	208-1	0.27	0.26	0.24	0.26	6.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	27.97	26.42	33.76	29.38	13.17	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.48	0.61	0.64	0.58	14.80	ppb
Molybdenum	94-1	1.37	1.29	1.32	1.33	2.77	ppb
Molybdenum	95-1	1.27	1.31	1.26	1.28	2.05	ppb
Molybdenum	96-1	1.32	1.26	1.27	1.28	2.62	ppb
Molybdenum	97-1	1.46	1.35	1.31	1.37	5.84	ppb
Molybdenum	98-1	1.23	1.35	1.24	1.28	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.31	0.21	0.25	21.02	ppb
Phosphorus	31-2	56.60	-0.67	-0.77	18.39	179.96	ppb
Potassium	39-2	19.43	11.23	-0.88	9.93	102.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	1.01	4.43	-2.41	1.01	337.60	ppb
Selenium	78-2	0.72	3.02	3.62	2.45	62.46	ppb
Selenium	82-1	1.68	1.51	2.55	1.91	29.09	ppb
Silicon	28-1	-10.70	-13.71	-15.50	-13.30		ppb
Silver	109-1	0.28	0.26	0.25	0.26	7.31	ppb
Silver	107-1	0.27	0.26	0.29	0.27	5.12	ppb
Sodium	23-2	44.69	58.95	50.59	51.41	13.93	ppb
Strontium	86-1	0.30	0.25	0.20	0.25	20.14	ppb
Strontium	88-1	0.27	0.25	0.25	0.26	3.25	ppb
Sulfur	34-1	-341.16	-523.67	-839.77	-568.20		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.26	0.27	0.28	0.27	3.89	ppb
Thallium	205-1	0.30	0.28	0.26	0.28	7.13	ppb
Tin	118-1	0.25	0.24	0.19	0.22	14.65	ppb
Titanium	47-1	1.17	1.30	1.34	1.27	6.80	ppb
Uranium	238-1	0.25	0.22	0.22	0.23	5.78	ppb
Vanadium	51-2	0.21	0.19	0.23	0.21	8.64	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.43	0.36	0.12	0.30	53.07	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.25	0.24	0.25	5.06	ppb
Zirconium	91-1	0.29	0.29	0.24	0.27	9.33	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	3.43	6.49	4.05	53.98	ppb
Antimony	121-1	0.27	0.29	0.27	0.27	4.53	ppb
Arsenic	75-2	0.19	0.26	0.20	0.22	17.40	ppb
Barium	135-1	1.22	1.21	1.35	1.26	6.13	ppb
Barium	137-1	1.20	1.16	1.30	1.22	5.69	ppb
Beryllium	9-1	0.25	0.25	0.21	0.24	11.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	1.59	1.90	1.92	1.80	10.17	ppb
Boron	11-1	1.70	1.71	1.85	1.75	4.67	ppb
Cadmium	111-1	0.28	0.27	0.26	0.27	2.42	ppb
Cadmium	106-1	0.86	0.45	0.47	0.59	39.33	ppb
Cadmium	108-1	0.30	0.37	0.16	0.28	39.81	ppb
Calcium	43-1	27.51	25.31	26.31	26.38	4.17	ppb
Calcium	44-1	18.52	16.47	14.25	16.41	13.00	ppb
Chromium	52-2	0.20	0.20	0.25	0.21	12.57	ppb
Cobalt	59-2	0.22	0.29	0.30	0.27	14.79	ppb
Copper	63-2	0.49	0.38	0.46	0.44	12.64	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				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	12.25	12.96	13.08	12.76	3.52	ppb
Iron	57-2	9.33	16.62	10.50	12.15	32.24	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.25	0.24	5.79	ppb
Lead	207-1	0.26	0.22	0.24	0.24	7.39	ppb
Lead	208-1	0.24	0.24	0.25	0.24	3.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	29.48	30.39	27.01	28.96	6.05	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.46	0.63	0.59	0.56	15.71	ppb
Molybdenum	94-1	1.26	1.30	1.29	1.28	1.91	ppb
Molybdenum	95-1	1.21	1.09	1.24	1.18	6.81	ppb
Molybdenum	96-1	1.24	1.19	1.24	1.22	2.05	ppb
Molybdenum	97-1	1.21	1.19	1.14	1.18	2.80	ppb
Molybdenum	98-1	1.21	1.28	1.18	1.22	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.28	0.28	0.27	7.09	ppb
Phosphorus	31-2	-14.96	-0.27	28.77	4.51	493.03	ppb
Potassium	39-2	20.10	19.84	13.13	17.69	22.32	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-2.41	-2.41	4.59	-0.07		ppb
Selenium	78-2	2.47	1.98	4.29	2.91	41.86	ppb
Selenium	82-1	2.13	1.49	0.78	1.47	46.15	ppb
Silicon	28-1	-14.64	-12.49	-16.36	-14.50		ppb
Silver	109-1	0.23	0.26	0.25	0.25	5.56	ppb
Silver	107-1	0.24	0.26	0.27	0.26	7.23	ppb
Sodium	23-2	56.62	48.77	56.03	53.80	8.13	ppb
Strontium	86-1	0.18	0.26	0.16	0.20	27.81	ppb
Strontium	88-1	0.22	0.25	0.22	0.23	5.73	ppb
Sulfur	34-1	-898.46	-532.82	-790.02	-740.44		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.26	0.26	0.25	5.43	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	1.99	ppb
Tin	118-1	0.16	0.19	0.16	0.17	9.27	ppb
Titanium	47-1	1.35	1.36	1.12	1.28	10.54	ppb
Uranium	238-1	0.21	0.23	0.24	0.23	8.38	ppb
Vanadium	51-2	0.24	0.26	0.27	0.26	6.20	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.41	0.30	0.55	0.42	29.13	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.25	0.25	0.25	2.52	ppb
Zirconium	91-1	0.24	0.19	0.26	0.23	14.87	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-13	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:23:36	DataFile Name :	047SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.37	3.69	0.17	3.08	86.20	ppb
Antimony	121-1	0.23	0.26	0.26	0.25	7.99	ppb
Arsenic	75-2	0.25	0.18	0.27	0.23	20.77	ppb
Barium	135-1	1.25	1.12	1.17	1.18	5.54	ppb
Barium	137-1	1.20	1.27	1.25	1.24	2.65	ppb
Beryllium	9-1	0.22	0.23	0.28	0.24	11.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	1.45	1.81	1.82	1.69	12.53	ppb
Boron	11-1	1.73	2.01	1.73	1.83	8.97	ppb
Cadmium	111-1	0.19	0.36	0.25	0.27	32.25	ppb
Cadmium	106-1	-0.24	0.94	0.03	0.24	255.42	ppb
Cadmium	108-1	0.26	0.20	0.26	0.24	15.49	ppb
Calcium	43-1	22.98	26.68	20.67	23.45	12.94	ppb
Calcium	44-1	14.54	20.57	16.96	17.36	17.47	ppb
Chromium	52-2	0.18	0.32	0.19	0.23	35.40	ppb
Cobalt	59-2	0.25	0.27	0.25	0.26	4.77	ppb
Copper	63-2	0.41	0.46	0.46	0.44	6.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	12.59	13.66	12.11	12.79	6.21	ppb
Iron	57-2	10.07	16.43	14.96	13.82	24.11	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.27	0.27	0.25	10.72	ppb
Lead	207-1	0.23	0.28	0.22	0.25	13.72	ppb
Lead	208-1	0.24	0.26	0.23	0.24	5.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	23.21	39.95	24.34	29.17	32.07	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-13	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:23:36	DataFile Name :	047SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.53	0.71	0.51	0.59	18.95	ppb
Molybdenum	94-1	1.19	1.15	1.20	1.18	2.20	ppb
Molybdenum	95-1	1.28	1.23	1.14	1.22	5.80	ppb
Molybdenum	96-1	1.22	1.23	1.15	1.20	3.50	ppb
Molybdenum	97-1	1.15	1.21	1.18	1.18	2.59	ppb
Molybdenum	98-1	1.19	1.16	1.13	1.16	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.19	0.29	0.25	21.44	ppb
Phosphorus	31-2	-0.52	0.34	27.42	9.08	175.02	ppb
Potassium	39-2	28.12	9.82	23.20	20.38	46.45	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-2.41	1.28	-2.41	-1.18		ppb
Selenium	78-2	0.73	1.47	3.08	1.76	68.17	ppb
Selenium	82-1	1.82	1.80	1.70	1.77	3.49	ppb
Silicon	28-1	-15.10	-13.60	-14.24	-14.31		ppb
Silver	109-1	0.27	0.27	0.27	0.27	0.18	ppb
Silver	107-1	0.24	0.29	0.27	0.26	9.09	ppb
Sodium	23-2	43.71	61.56	46.22	50.49	19.14	ppb
Strontium	86-1	0.28	0.29	0.13	0.23	38.15	ppb
Strontium	88-1	0.26	0.22	0.25	0.24	8.91	ppb
Sulfur	34-1	-905.90	-446.31	-659.32	-670.51		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.25	0.24	0.24	5.46	ppb
Thallium	205-1	0.27	0.24	0.23	0.25	7.24	ppb
Tin	118-1	0.18	0.14	0.15	0.15	14.01	ppb
Titanium	47-1	1.05	1.14	1.21	1.13	6.91	ppb
Uranium	238-1	0.24	0.22	0.22	0.23	3.68	ppb
Vanadium	51-2	0.22	0.28	0.23	0.24	13.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.48	0.64	0.31	0.48	35.14	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-13	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:23:36	DataFile Name :	047SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.25	0.24	3.51	ppb
Zirconium	91-1	0.19	0.18	0.21	0.20	9.49	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.42	5.23	5.09	5.58	13.12	ppb
Antimony	121-1	0.24	0.27	0.29	0.27	8.60	ppb
Arsenic	75-2	0.28	0.12	0.22	0.21	39.83	ppb
Barium	135-1	1.30	1.47	1.36	1.38	6.45	ppb
Barium	137-1	1.28	1.31	1.42	1.34	5.32	ppb
Beryllium	9-1	0.26	0.26	0.28	0.27	3.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	1.98	1.40	2.23	1.87	22.87	ppb
Boron	11-1	1.35	1.52	2.05	1.64	22.38	ppb
Cadmium	111-1	0.23	0.31	0.23	0.26	17.49	ppb
Cadmium	106-1	-0.55	0.52	-0.76	-0.26		ppb
Cadmium	108-1	0.23	0.44	0.21	0.29	45.14	ppb
Calcium	43-1	19.96	28.59	24.58	24.38	17.71	ppb
Calcium	44-1	16.35	14.80	16.96	16.04	6.95	ppb
Chromium	52-2	0.24	0.14	0.20	0.19	27.05	ppb
Cobalt	59-2	0.26	0.28	0.22	0.25	10.75	ppb
Copper	63-2	0.46	0.42	0.46	0.45	5.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	13.35	13.52	12.24	13.04	5.34	ppb
Iron	57-2	13.52	10.45	11.72	11.90	12.97	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.27	0.25	7.95	ppb
Lead	207-1	0.25	0.28	0.27	0.27	5.39	ppb
Lead	208-1	0.24	0.26	0.26	0.25	4.30	ppb
Lithium	6-1				107		%
Magnesium	24-2	26.13	33.95	26.72	28.93	15.05	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.57	0.60	0.39	0.52	21.57	ppb
Molybdenum	94-1	1.21	1.22	1.23	1.22	0.72	ppb
Molybdenum	95-1	1.31	1.25	1.30	1.29	2.42	ppb
Molybdenum	96-1	1.24	1.37	1.25	1.29	5.51	ppb
Molybdenum	97-1	1.21	1.17	1.31	1.23	5.89	ppb
Molybdenum	98-1	1.23	1.32	1.26	1.27	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.24	0.26	0.23	16.28	ppb
Phosphorus	31-2	-14.96	-0.78	40.78	8.35	347.02	ppb
Potassium	39-2	45.11	6.24	29.25	26.87	72.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	4.54	11.26	1.04	5.61	92.45	ppb
Selenium	78-2	1.33	2.44	5.39	3.06	68.70	ppb
Selenium	82-1	1.51	1.71	1.01	1.41	25.46	ppb
Silicon	28-1	-14.99	-13.44	-9.65	-12.70		ppb
Silver	109-1	0.26	0.27	0.26	0.26	3.46	ppb
Silver	107-1	0.27	0.29	0.26	0.28	5.77	ppb
Sodium	23-2	51.95	56.56	53.13	53.88	4.44	ppb
Strontium	86-1	0.23	0.24	0.33	0.27	21.90	ppb
Strontium	88-1	0.26	0.25	0.25	0.25	1.42	ppb
Sulfur	34-1	-520.67	-554.85	-288.51	-454.67		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.24	0.26	0.25	4.63	ppb
Thallium	205-1	0.25	0.27	0.29	0.27	6.56	ppb
Tin	118-1	0.16	0.15	0.17	0.16	7.40	ppb
Titanium	47-1	1.21	1.41	1.19	1.27	9.77	ppb
Uranium	238-1	0.24	0.24	0.25	0.24	1.39	ppb
Vanadium	51-2	0.25	0.21	0.27	0.25	12.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.37	0.40	0.31	0.36	12.55	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.25	0.25	0.75	ppb
Zirconium	91-1	0.26	0.23	0.28	0.26	9.32	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	7.07	2.27	5.90	54.43	ppb
Antimony	121-1	0.27	0.26	0.22	0.25	10.93	ppb
Arsenic	75-2	0.40	0.18	0.31	0.29	37.77	ppb
Barium	135-1	1.26	1.39	1.18	1.28	8.28	ppb
Barium	137-1	1.38	1.23	1.47	1.36	9.19	ppb
Beryllium	9-1	0.29	0.18	0.28	0.25	24.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	1.17	1.34	1.40	1.30	9.06	ppb
Boron	11-1	1.36	1.59	1.36	1.44	9.13	ppb
Cadmium	111-1	0.29	0.29	0.31	0.30	4.04	ppb
Cadmium	106-1	0.58	0.70	0.88	0.72	20.94	ppb
Cadmium	108-1	0.42	0.13	0.19	0.25	61.75	ppb
Calcium	43-1	26.84	18.88	25.47	23.73	17.94	ppb
Calcium	44-1	15.67	19.48	14.41	16.52	15.98	ppb
Chromium	52-2	0.18	0.20	0.25	0.21	15.53	ppb
Cobalt	59-2	0.24	0.25	0.19	0.23	12.63	ppb
Copper	63-2	0.44	0.41	0.46	0.44	5.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	13.43	13.06	13.48	13.32	1.75	ppb
Iron	57-2	13.35	14.12	12.47	13.32	6.19	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.22	0.22	0.23	11.28	ppb
Lead	207-1	0.25	0.28	0.29	0.27	6.42	ppb
Lead	208-1	0.26	0.25	0.25	0.25	2.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	28.00	34.35	27.66	30.00	12.56	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.40	0.73	0.61	0.58	29.33	ppb
Molybdenum	94-1	1.31	1.34	1.21	1.28	5.41	ppb
Molybdenum	95-1	1.26	1.43	1.20	1.30	9.40	ppb
Molybdenum	96-1	1.41	1.29	1.28	1.33	5.32	ppb
Molybdenum	97-1	1.46	1.41	1.19	1.35	10.35	ppb
Molybdenum	98-1	1.36	1.35	1.26	1.32	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.25	0.17	0.24	29.95	ppb
Phosphorus	31-2	13.69	-14.96	-14.96	-5.41		ppb
Potassium	39-2	12.63	22.49	19.03	18.05	27.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	4.50	1.01	4.46	3.32	60.34	ppb
Selenium	78-2	0.73	2.44	0.14	1.11	108.09	ppb
Selenium	82-1	2.17	2.30	1.76	2.08	13.49	ppb
Silicon	28-1	-11.82	-13.55	-15.96	-13.77		ppb
Silver	109-1	0.28	0.27	0.28	0.28	1.31	ppb
Silver	107-1	0.28	0.27	0.28	0.28	0.93	ppb
Sodium	23-2	54.19	50.06	49.04	51.10	5.33	ppb
Strontium	86-1	0.26	0.23	0.19	0.23	16.24	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	3.21	ppb
Sulfur	34-1	-355.49	-262.45	-575.88	-397.94		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.26	0.29	0.27	7.39	ppb
Thallium	205-1	0.29	0.30	0.27	0.29	4.98	ppb
Tin	118-1	0.19	0.16	0.21	0.18	12.80	ppb
Titanium	47-1	1.51	1.31	1.42	1.41	7.03	ppb
Uranium	238-1	0.24	0.25	0.22	0.24	7.10	ppb
Vanadium	51-2	0.29	0.27	0.26	0.27	5.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.20	0.46	0.55	0.41	44.25	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.26	0.25	0.25	3.12	ppb
Zirconium	91-1	0.29	0.29	0.19	0.26	22.04	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.20	7.32	7.43	7.65	6.25	ppb
Antimony	121-1	0.25	0.26	0.28	0.26	4.77	ppb
Arsenic	75-2	0.22	0.31	0.25	0.26	16.77	ppb
Barium	135-1	1.20	1.28	1.29	1.26	3.56	ppb
Barium	137-1	1.29	1.32	1.27	1.29	1.91	ppb
Beryllium	9-1	0.23	0.23	0.19	0.22	9.96	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	1.43	0.87	0.87	1.06	30.70	ppb
Boron	11-1	1.40	1.41	1.19	1.33	9.50	ppb
Cadmium	111-1	0.17	0.31	0.20	0.23	34.03	ppb
Cadmium	106-1	-0.76	0.70	-0.42	-0.16		ppb
Cadmium	108-1	0.23	0.38	0.38	0.33	26.01	ppb
Calcium	43-1	15.51	36.11	13.61	21.74	57.38	ppb
Calcium	44-1	15.39	12.10	13.87	13.79	11.93	ppb
Chromium	52-2	0.14	0.10	0.24	0.16	43.32	ppb
Cobalt	59-2	0.23	0.28	0.25	0.25	10.30	ppb
Copper	63-2	0.42	0.45	0.47	0.45	5.86	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				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	12.56	12.88	12.43	12.62	1.85	ppb
Iron	57-2	15.56	12.70	11.94	13.40	14.23	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.20	0.22	10.94	ppb
Lead	207-1	0.22	0.23	0.25	0.23	6.76	ppb
Lead	208-1	0.23	0.25	0.22	0.23	5.30	ppb
Lithium	6-1				107		%
Magnesium	24-2	24.10	22.49	25.42	24.01	6.11	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.47	0.46	0.59	0.51	14.53	ppb
Molybdenum	94-1	1.21	1.14	1.13	1.16	3.69	ppb
Molybdenum	95-1	1.25	1.22	1.26	1.24	1.59	ppb
Molybdenum	96-1	1.26	1.28	1.16	1.23	5.17	ppb
Molybdenum	97-1	1.05	1.33	1.18	1.19	11.86	ppb
Molybdenum	98-1	1.19	1.15	1.21	1.18	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.25	0.24	0.23	10.36	ppb
Phosphorus	31-2	-0.85	-0.67	-0.52	-0.68		ppb
Potassium	39-2	20.55	15.52	11.60	15.89	28.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	1.02	-2.41	11.41	3.34	215.41	ppb
Selenium	78-2	2.45	0.14	0.74	1.11	108.45	ppb
Selenium	82-1	1.07	2.47	1.82	1.78	39.22	ppb
Silicon	28-1	-13.71	-12.99	-15.01	-13.90		ppb
Silver	109-1	0.25	0.28	0.26	0.26	6.93	ppb
Silver	107-1	0.25	0.28	0.26	0.26	4.78	ppb
Sodium	23-2	45.67	52.66	42.73	47.02	10.85	ppb
Strontium	86-1	0.22	0.24	0.21	0.23	7.21	ppb
Strontium	88-1	0.23	0.26	0.24	0.24	6.27	ppb
Sulfur	34-1	-711.08	-504.64	-748.24	-654.65		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.23	0.27	0.24	10.05	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.83	ppb
Tin	118-1	0.15	0.16	0.13	0.15	10.79	ppb
Titanium	47-1	1.36	1.20	1.01	1.19	14.68	ppb
Uranium	238-1	0.21	0.22	0.26	0.23	10.69	ppb
Vanadium	51-2	0.24	0.23	0.22	0.23	5.05	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.36	0.18	0.23	0.26	35.76	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.25	0.23	0.24	5.45	ppb
Zirconium	91-1	0.26	0.27	0.28	0.27	3.18	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.17	6.33	9.18	7.56	19.35	ppb
Antimony	121-1	0.26	0.28	0.27	0.27	4.34	ppb
Arsenic	75-2	0.31	0.37	0.27	0.31	16.28	ppb
Barium	135-1	1.35	1.39	1.27	1.34	4.55	ppb
Barium	137-1	1.34	1.23	1.29	1.29	4.05	ppb
Beryllium	9-1	0.18	0.29	0.26	0.24	23.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	0.70	1.32	1.16	1.06	30.50	ppb
Boron	11-1	1.27	1.44	1.35	1.36	6.27	ppb
Cadmium	111-1	0.31	0.24	0.21	0.25	20.04	ppb
Cadmium	106-1	0.77	-0.19	0.27	0.28	169.72	ppb
Cadmium	108-1	0.09	0.27	0.12	0.16	59.54	ppb
Calcium	43-1	24.69	18.61	17.24	20.18	19.67	ppb
Calcium	44-1	9.71	13.72	13.44	12.29	18.20	ppb
Chromium	52-2	0.21	0.25	0.18	0.21	17.49	ppb
Cobalt	59-2	0.24	0.26	0.27	0.26	6.98	ppb
Copper	63-2	0.37	0.41	0.45	0.41	10.48	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	13.58	12.99	12.20	12.92	5.35	ppb
Iron	57-2	11.56	15.84	14.60	14.00	15.73	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.22	0.23	7.99	ppb
Lead	207-1	0.25	0.26	0.23	0.24	6.50	ppb
Lead	208-1	0.24	0.24	0.22	0.24	4.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	29.15	26.06	25.11	26.77	7.90	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.57	0.44	0.52	13.02	ppb
Molybdenum	94-1	1.19	1.23	1.27	1.23	3.21	ppb
Molybdenum	95-1	1.33	1.40	1.30	1.34	3.63	ppb
Molybdenum	96-1	1.25	1.33	1.26	1.28	3.61	ppb
Molybdenum	97-1	1.27	1.34	1.28	1.30	2.74	ppb
Molybdenum	98-1	1.29	1.26	1.25	1.27	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.22	0.22	0.22	2.43	ppb
Phosphorus	31-2	-14.96	-14.96	13.21	-5.57		ppb
Potassium	39-2	4.18	15.32	9.33	9.61	58.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	7.97	-2.41	-2.41	1.05	568.29	ppb
Selenium	78-2	1.90	0.14	0.14	0.73	139.23	ppb
Selenium	82-1	1.23	2.18	1.38	1.59	32.11	ppb
Silicon	28-1	-13.19	-11.76	-15.50	-13.48		ppb
Silver	109-1	0.26	0.30	0.30	0.29	8.02	ppb
Silver	107-1	0.27	0.30	0.25	0.27	10.23	ppb
Sodium	23-2	43.42	40.35	47.62	43.79	8.34	ppb
Strontium	86-1	0.22	0.21	0.12	0.18	31.20	ppb
Strontium	88-1	0.25	0.24	0.26	0.25	3.58	ppb
Sulfur	34-1	-629.08	-549.62	-912.39	-697.03		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.29	0.27	0.28	3.67	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.22	ppb
Tin	118-1	0.21	0.23	0.16	0.20	18.50	ppb
Titanium	47-1	1.36	1.43	1.27	1.35	6.11	ppb
Uranium	238-1	0.23	0.24	0.24	0.24	3.70	ppb
Vanadium	51-2	0.32	0.23	0.25	0.27	17.14	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.25	0.34	0.27	0.28	16.78	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.24	0.24	0.24	0.27	ppb
Zirconium	91-1	0.26	0.22	0.26	0.24	9.10	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.20	1.18	1.15	2.84	102.33	ppb
Antimony	121-1	0.24	0.27	0.24	0.25	5.82	ppb
Arsenic	75-2	0.31	0.19	0.34	0.28	28.15	ppb
Barium	135-1	1.26	1.11	1.34	1.24	9.50	ppb
Barium	137-1	1.34	1.35	1.38	1.36	1.54	ppb
Beryllium	9-1	0.28	0.20	0.30	0.26	18.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	0.34	1.42	0.97	0.91	59.70	ppb
Boron	11-1	0.69	0.96	0.96	0.87	17.95	ppb
Cadmium	111-1	0.18	0.16	0.11	0.15	25.33	ppb
Cadmium	106-1	-0.76	-1.25	-1.51	-1.17		ppb
Cadmium	108-1	0.34	0.35	0.33	0.34	3.52	ppb
Calcium	43-1	14.60	25.81	28.83	23.08	32.49	ppb
Calcium	44-1	12.78	15.09	15.68	14.52	10.55	ppb
Chromium	52-2	0.25	0.20	0.19	0.21	15.55	ppb
Cobalt	59-2	0.26	0.30	0.28	0.28	5.83	ppb
Copper	63-2	0.35	0.43	0.45	0.41	13.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	12.92	13.67	12.28	12.96	5.38	ppb
Iron	57-2	18.92	12.83	13.02	14.92	23.19	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.24	0.24	3.69	ppb
Lead	207-1	0.22	0.26	0.28	0.25	12.38	ppb
Lead	208-1	0.23	0.25	0.28	0.25	9.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	28.43	31.64	25.85	28.64	10.14	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.38	0.44	0.45	18.63	ppb
Molybdenum	94-1	1.23	1.26	1.15	1.21	4.98	ppb
Molybdenum	95-1	1.27	1.15	1.38	1.27	9.17	ppb
Molybdenum	96-1	1.23	1.26	1.45	1.31	9.02	ppb
Molybdenum	97-1	1.15	1.23	1.28	1.22	5.35	ppb
Molybdenum	98-1	1.23	1.27	1.40	1.30	6.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.15	0.31	0.25	34.49	ppb
Phosphorus	31-2	13.30	13.30	-0.94	8.56	96.09	ppb
Potassium	39-2	16.39	19.61	10.08	15.36	31.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	4.49	-2.41	-2.41	-0.11		ppb
Selenium	78-2	0.15	1.28	1.31	0.91	72.67	ppb
Selenium	82-1	1.27	1.67	1.59	1.51	13.97	ppb
Silicon	28-1	-13.92	-14.54	-9.85	-12.77		ppb
Silver	109-1	0.26	0.26	0.30	0.27	8.10	ppb
Silver	107-1	0.32	0.27	0.26	0.28	10.63	ppb
Sodium	23-2	46.07	52.28	52.16	50.17	7.09	ppb
Strontium	86-1	0.16	0.20	0.22	0.19	14.25	ppb
Strontium	88-1	0.26	0.26	0.29	0.27	4.80	ppb
Sulfur	34-1	-453.63	-477.27	42.67	-296.08		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.25	0.28	0.26	5.86	ppb
Thallium	205-1	0.28	0.24	0.29	0.27	9.05	ppb
Tin	118-1	0.20	0.18	0.16	0.18	11.46	ppb
Titanium	47-1	1.39	1.37	1.31	1.36	3.32	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	0.36	ppb
Vanadium	51-2	0.25	0.22	0.24	0.24	6.04	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.31	0.27	0.08	0.22	56.42	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.25	0.24	5.44	ppb
Zirconium	91-1	0.29	0.25	0.22	0.25	13.38	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.19	2.44	0.94	139.13	ppb
Antimony	121-1	0.20	0.28	0.25	0.24	15.41	ppb
Arsenic	75-2	0.28	0.24	0.27	0.26	8.58	ppb
Barium	135-1	1.22	1.23	1.35	1.27	5.86	ppb
Barium	137-1	1.24	1.15	1.19	1.19	3.48	ppb
Beryllium	9-1	0.24	0.27	0.21	0.24	13.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	0.62	0.82	0.53	0.66	22.48	ppb
Boron	11-1	1.17	1.18	1.29	1.21	5.47	ppb
Cadmium	111-1	0.25	0.21	0.23	0.23	8.20	ppb
Cadmium	106-1	-0.10	0.00	0.08	0.00		ppb
Cadmium	108-1	0.20	0.39	0.16	0.25	48.78	ppb
Calcium	43-1	22.89	17.05	20.82	20.26	14.62	ppb
Calcium	44-1	6.86	12.52	12.62	10.66	30.92	ppb
Chromium	52-2	0.22	0.16	0.20	0.19	14.81	ppb
Cobalt	59-2	0.22	0.23	0.26	0.24	7.32	ppb
Copper	63-2	0.43	0.44	0.36	0.41	10.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	12.14	11.62	13.25	12.34	6.74	ppb
Iron	57-2	13.19	14.42	12.34	13.32	7.83	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.21	0.22	7.11	ppb
Lead	207-1	0.24	0.21	0.22	0.23	5.78	ppb
Lead	208-1	0.23	0.24	0.23	0.23	3.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	26.16	28.98	32.55	29.23	10.97	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.53	0.43	0.51	0.49	10.32	ppb
Molybdenum	94-1	1.24	1.30	1.19	1.25	4.48	ppb
Molybdenum	95-1	1.25	1.19	1.16	1.20	3.64	ppb
Molybdenum	96-1	1.26	1.17	1.21	1.21	3.66	ppb
Molybdenum	97-1	1.18	1.12	1.13	1.14	2.85	ppb
Molybdenum	98-1	1.26	1.22	1.21	1.23	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.19	0.26	0.23	15.48	ppb
Phosphorus	31-2	-0.79	-0.78	14.75	4.39	204.27	ppb
Potassium	39-2	15.13	7.28	19.10	13.84	43.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	1.87	1.88	2.06	1.94	5.41	ppb
Selenium	82-1	1.57	1.46	1.66	1.56	6.62	ppb
Silicon	28-1	-15.97	-12.23	-13.47	-13.89		ppb
Silver	109-1	0.26	0.27	0.27	0.27	3.85	ppb
Silver	107-1	0.27	0.27	0.23	0.26	9.01	ppb
Sodium	23-2	41.07	42.16	49.19	44.14	9.98	ppb
Strontium	86-1	0.21	0.15	0.32	0.23	40.31	ppb
Strontium	88-1	0.22	0.24	0.25	0.24	7.33	ppb
Sulfur	34-1	-727.61	-465.43	-486.36	-559.80		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.25	0.22	0.25	13.76	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	3.13	ppb
Tin	118-1	0.18	0.15	0.21	0.18	17.04	ppb
Titanium	47-1	1.10	1.37	1.22	1.23	11.02	ppb
Uranium	238-1	0.21	0.23	0.22	0.22	4.34	ppb
Vanadium	51-2	0.19	0.20	0.28	0.23	21.06	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.22	0.14	0.25	0.20	27.87	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.23	0.22	0.22	1.47	ppb
Zirconium	91-1	0.24	0.23	0.25	0.24	5.83	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.33	4.36	5.23	6.31	42.06	ppb
Antimony	121-1	0.23	0.23	0.23	0.23	0.52	ppb
Arsenic	75-2	0.21	0.21	0.40	0.27	39.91	ppb
Barium	135-1	1.21	1.30	1.19	1.23	4.86	ppb
Barium	137-1	1.28	1.25	1.39	1.31	5.55	ppb
Beryllium	9-1	0.32	0.22	0.16	0.23	34.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	0.70	0.74	0.96	0.80	17.59	ppb
Boron	11-1	1.08	1.52	0.87	1.16	28.62	ppb
Cadmium	111-1	0.28	0.32	0.29	0.30	7.86	ppb
Cadmium	106-1	0.77	1.18	0.32	0.76	56.86	ppb
Cadmium	108-1	0.27	0.20	0.34	0.27	26.33	ppb
Calcium	43-1	23.37	25.52	22.94	23.94	5.78	ppb
Calcium	44-1	11.63	12.12	11.53	11.76	2.67	ppb
Chromium	52-2	0.22	0.23	0.21	0.22	5.24	ppb
Cobalt	59-2	0.22	0.22	0.27	0.24	12.48	ppb
Copper	63-2	0.43	0.48	0.41	0.44	8.30	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				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	13.25	12.26	12.34	12.62	4.34	ppb
Iron	57-2	12.06	13.52	17.49	14.36	19.57	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.24	0.24	2.04	ppb
Lead	207-1	0.27	0.25	0.21	0.24	12.50	ppb
Lead	208-1	0.25	0.25	0.22	0.24	6.47	ppb
Lithium	6-1				106		%
Magnesium	24-2	29.61	23.70	25.34	26.22	11.63	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.63	0.35	0.40	0.46	32.07	ppb
Molybdenum	94-1	1.28	1.17	1.30	1.25	5.52	ppb
Molybdenum	95-1	1.08	1.21	1.21	1.17	6.42	ppb
Molybdenum	96-1	1.31	1.24	1.26	1.27	2.83	ppb
Molybdenum	97-1	1.11	1.22	1.10	1.14	6.04	ppb
Molybdenum	98-1	1.24	1.33	1.19	1.25	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.26	0.23	0.24	9.27	ppb
Phosphorus	31-2	13.58	-0.49	13.44	8.84	91.45	ppb
Potassium	39-2	26.15	7.80	17.23	17.06	53.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	4.54	4.58	1.05	3.39	59.78	ppb
Selenium	78-2	4.84	2.52	0.74	2.70	76.25	ppb
Selenium	82-1	0.87	1.70	1.99	1.52	38.05	ppb
Silicon	28-1	-14.44	-12.28	-14.01	-13.58		ppb
Silver	109-1	0.26	0.24	0.26	0.25	2.88	ppb
Silver	107-1	0.26	0.28	0.30	0.28	5.44	ppb
Sodium	23-2	53.53	46.41	39.53	46.49	15.06	ppb
Strontium	86-1	0.17	0.34	0.30	0.27	32.32	ppb
Strontium	88-1	0.25	0.26	0.24	0.25	4.54	ppb
Sulfur	34-1	-419.58	-362.98	-437.49	-406.68		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.29	0.23	0.25	12.12	ppb
Thallium	205-1	0.27	0.24	0.25	0.25	5.67	ppb
Tin	118-1	0.19	0.19	0.20	0.19	3.72	ppb
Titanium	47-1	1.33	1.12	1.24	1.23	8.46	ppb
Uranium	238-1	0.23	0.22	0.24	0.23	4.99	ppb
Vanadium	51-2	0.24	0.24	0.27	0.25	6.98	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.49	0.27	0.29	0.35	33.98	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.25	0.22	0.24	9.36	ppb
Zirconium	91-1	0.27	0.21	0.29	0.26	16.08	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.04	6.21	6.34	5.86	12.16	ppb
Antimony	121-1	0.23	0.22	0.23	0.23	3.68	ppb
Arsenic	75-2	0.31	0.31	0.24	0.29	13.43	ppb
Barium	135-1	1.44	1.38	1.28	1.37	5.95	ppb
Barium	137-1	1.34	1.33	1.35	1.34	0.76	ppb
Beryllium	9-1	0.22	0.30	0.28	0.26	14.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	0.55	1.15	1.70	1.14	50.79	ppb
Boron	11-1	1.04	0.52	1.05	0.87	34.57	ppb
Cadmium	111-1	0.16	0.29	0.26	0.24	27.87	ppb
Cadmium	106-1	-1.47	1.16	-0.59	-0.30		ppb
Cadmium	108-1	0.13	0.23	0.34	0.23	44.54	ppb
Calcium	43-1	16.21	30.37	21.72	22.76	31.35	ppb
Calcium	44-1	12.75	10.27	13.11	12.05	12.82	ppb
Chromium	52-2	0.22	0.11	0.28	0.20	44.03	ppb
Cobalt	59-2	0.24	0.27	0.27	0.26	5.14	ppb
Copper	63-2	0.48	0.45	0.45	0.46	4.35	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				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	13.48	13.43	13.43	13.45	0.22	ppb
Iron	57-2	13.44	12.54	15.24	13.74	10.00	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.27	0.27	0.26	4.74	ppb
Lead	207-1	0.27	0.22	0.23	0.24	11.48	ppb
Lead	208-1	0.25	0.24	0.25	0.24	2.00	ppb
Lithium	6-1				106		%
Magnesium	24-2	26.98	28.88	26.96	27.61	4.00	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.56	0.55	0.51	14.84	ppb
Molybdenum	94-1	1.24	1.24	1.13	1.20	5.02	ppb
Molybdenum	95-1	1.34	1.22	1.38	1.32	6.25	ppb
Molybdenum	96-1	1.25	1.31	1.25	1.27	2.82	ppb
Molybdenum	97-1	1.30	1.41	1.28	1.33	5.55	ppb
Molybdenum	98-1	1.23	1.24	1.19	1.22	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.29	0.32	0.29	14.27	ppb
Phosphorus	31-2	12.77	27.46	-0.62	13.21	106.34	ppb
Potassium	39-2	14.42	23.04	-2.42	11.68	110.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-2.41	1.08	-2.41	-1.24		ppb
Selenium	78-2	2.45	2.52	1.37	2.11	30.34	ppb
Selenium	82-1	2.10	1.57	2.34	2.00	19.61	ppb
Silicon	28-1	-13.68	-14.69	-14.63	-14.33		ppb
Silver	109-1	0.30	0.27	0.26	0.28	6.61	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.61	ppb
Sodium	23-2	47.59	48.02	52.88	49.50	5.93	ppb
Strontium	86-1	0.22	0.20	0.19	0.21	7.79	ppb
Strontium	88-1	0.25	0.26	0.27	0.26	3.09	ppb
Sulfur	34-1	-346.86	-678.09	-602.69	-542.55		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.27	0.28	0.27	4.91	ppb
Thallium	205-1	0.27	0.24	0.26	0.26	5.83	ppb
Tin	118-1	0.19	0.18	0.21	0.20	8.47	ppb
Titanium	47-1	1.48	1.18	1.37	1.34	11.15	ppb
Uranium	238-1	0.22	0.24	0.24	0.23	4.86	ppb
Vanadium	51-2	0.31	0.25	0.19	0.25	23.45	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.70	0.35	0.26	0.44	52.86	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.24	0.22	0.24	6.94	ppb
Zirconium	91-1	0.28	0.24	0.24	0.25	9.41	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49675.26	49646.20	49316.63	49546.03	0.40	ppb
Antimony	121-1	505.26	509.49	496.96	503.90	1.27	ppb
Arsenic	75-2	484.13	489.02	488.14	487.10	0.54	ppb
Barium	135-1	2594.82	2537.49	2522.71	2551.67	1.49	ppb
Barium	137-1	2525.60	2524.69	2500.43	2516.91	0.57	ppb
Beryllium	9-1	505.82	506.29	499.49	503.87	0.75	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	488.53	500.87	518.42	502.61	2.99	ppb
Boron	11-1	501.59	516.44	516.10	511.38	1.66	ppb
Cadmium	111-1	489.07	486.14	487.30	487.50	0.30	ppb
Cadmium	106-1	509.90	499.49	482.87	497.42	2.74	ppb
Cadmium	108-1	495.06	496.15	483.76	491.66	1.40	ppb
Calcium	43-1	243389.45	241004.63	242639.70	242344.59	0.50	ppb
Calcium	44-1	241943.08	239648.62	243548.69	241713.46	0.81	ppb
Chromium	52-2	505.88	505.36	504.45	505.23	0.14	ppb
Cobalt	59-2	470.79	473.46	472.43	472.23	0.29	ppb
Copper	63-2	948.79	944.80	949.50	947.70	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	121748.87	122673.59	120958.99	121793.82	0.70	ppb
Iron	57-2	123872.28	123924.34	123171.88	123656.17	0.34	ppb
Krypton	83-1						cps
Lead	206-1	510.13	508.97	509.29	509.46	0.12	ppb
Lead	207-1	498.64	500.12	505.62	501.46	0.73	ppb
Lead	208-1	508.88	506.97	506.77	507.54	0.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	248133.91	247478.85	246486.94	247366.57	0.34	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.38	993.33	975.39	984.70	0.91	ppb
Molybdenum	94-1	2509.44	2532.71	2485.08	2509.08	0.95	ppb
Molybdenum	95-1	2495.01	2524.21	2495.10	2504.77	0.67	ppb
Molybdenum	96-1	2483.36	2541.36	2535.37	2520.03	1.27	ppb
Molybdenum	97-1	2524.41	2564.80	2517.68	2535.63	1.01	ppb
Molybdenum	98-1	2501.98	2536.57	2516.37	2518.31	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.43	485.02	482.63	483.03	0.38	ppb
Phosphorus	31-2	10021.04	10377.30	10308.00	10235.45	1.85	ppb
Potassium	39-2	126283.32	125866.95	125449.88	125866.72	0.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	466.64	455.55	492.47	471.55	4.02	ppb
Selenium	78-2	502.93	494.87	526.82	508.21	3.27	ppb
Selenium	82-1	491.29	502.64	491.34	495.09	1.32	ppb
Silicon	28-1	526.70	519.52	528.20	524.80	0.88	ppb
Silver	109-1	500.11	494.38	495.27	496.58	0.62	ppb
Silver	107-1	503.21	502.55	495.88	500.55	0.81	ppb
Sodium	23-2	251641.33	251154.99	246408.54	249734.95	1.16	ppb
Strontium	86-1	503.59	512.49	501.66	505.91	1.14	ppb
Strontium	88-1	510.06	517.70	514.84	514.20	0.75	ppb
Sulfur	34-1	9573.39	9089.89	9252.20	9305.16	2.64	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	514.47	511.29	513.67	513.14	0.32	ppb
Thallium	205-1	509.40	512.62	509.75	510.59	0.35	ppb
Tin	118-1	513.14	506.54	507.05	508.91	0.72	ppb
Titanium	47-1	2523.69	2522.90	2556.29	2534.30	0.75	ppb
Uranium	238-1	515.78	512.01	516.04	514.61	0.44	ppb
Vanadium	51-2	488.53	492.25	491.54	490.77	0.40	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	948.17	949.81	953.49	950.49	0.29	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.31	507.92	503.16	502.80	1.06	ppb
Zirconium	91-1	489.81	499.35	493.68	494.28	0.97	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:15:09	DataFile Name :	059CCBE_P8052318-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.13	0.22	-1.85	1.50	275.92	ppb
Antimony	121-1	1.33	1.16	0.93	1.14	17.42	ppb
Arsenic	75-2	0.05	0.13	0.06	0.08	58.32	ppb
Barium	135-1	0.18	0.09	0.15	0.14	34.68	ppb
Barium	137-1	0.16	0.17	0.19	0.17	9.74	ppb
Beryllium	9-1	0.06	0.09	0.06	0.07	24.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	13.97	12.52	12.51	13.00	6.45	ppb
Boron	11-1	14.45	13.21	11.92	13.19	9.61	ppb
Cadmium	111-1	0.11	0.13	0.10	0.11	14.53	ppb
Cadmium	106-1	0.63	1.08	0.73	0.81	29.03	ppb
Cadmium	108-1	0.08	0.05	0.02	0.05	68.96	ppb
Calcium	43-1	16.00	15.52	10.89	14.14	19.98	ppb
Calcium	44-1	11.36	10.30	5.55	9.07	34.10	ppb
Chromium	52-2	0.01	-0.01	-0.04	-0.01		ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	461.79	ppb
Copper	63-2	0.01	-0.04	-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				108		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	5.72	4.41	3.36	4.50	26.25	ppb
Iron	57-2	6.37	3.79	3.63	4.60	33.43	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.06	0.08	25.16	ppb
Lead	207-1	0.07	0.07	0.08	0.07	11.31	ppb
Lead	208-1	0.08	0.09	0.07	0.08	11.95	ppb
Lithium	6-1				107		%
Magnesium	24-2	16.88	10.80	9.37	12.35	32.28	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:15:09	DataFile Name :	059CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.08	0.01	0.05	72.87	ppb
Molybdenum	94-1	0.92	0.81	0.61	0.78	20.29	ppb
Molybdenum	95-1	0.95	0.80	0.81	0.85	10.12	ppb
Molybdenum	96-1	0.87	0.83	0.71	0.80	9.97	ppb
Molybdenum	97-1	1.02	0.80	0.69	0.84	20.01	ppb
Molybdenum	98-1	0.93	0.82	0.78	0.84	8.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.03	0.04	25.77	ppb
Phosphorus	31-2	-0.94	13.72	-14.96	-0.73		ppb
Potassium	39-2	21.45	24.49	22.21	22.72	6.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	2.42	0.13	-1.01	0.51	342.05	ppb
Selenium	82-1	0.02	-0.62	-0.17	-0.25		ppb
Silicon	28-1	-16.09	-17.82	-18.83	-17.58		ppb
Silver	109-1	0.08	0.08	0.05	0.07	27.09	ppb
Silver	107-1	0.07	0.06	0.05	0.06	14.67	ppb
Sodium	23-2	72.21	63.62	63.18	66.33	7.67	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.02	0.03	0.02	0.02	24.56	ppb
Sulfur	34-1	-1477.37	-1645.83	-1928.92	-1684.04		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.14	0.13	0.15	0.14	9.71	ppb
Thallium	205-1	0.14	0.13	0.14	0.13	1.70	ppb
Tin	118-1	0.74	0.80	0.77	0.77	4.13	ppb
Titanium	47-1	0.29	0.25	0.21	0.25	17.51	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	23.29	ppb
Vanadium	51-2	0.03	0.00	0.00	0.01	216.46	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	0.13	0.24	0.28	0.22	34.79	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:15:09	DataFile Name :	059CCBE_P8052318-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.13	0.12	0.14	14.40	ppb
Zirconium	91-1	0.14	0.12	0.16	0.14	14.64	ppb

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	92	125	67	94	30.99	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	58	58	33	50	28.88	cps
Barium	137-1	67	75	58	67	12.49	cps
Beryllium	9-1	33	50	28	37	31.22	cps
Bismuth	209-1	6356145	6636097	6584738	6525660	2.28	cps
Bismuth	209-2	2329449	2385826	2369011	2361429	1.23	cps
Boron	10-1	92	108	200	133	43.75	cps
Boron	11-1	458	650	408	506	25.23	cps
Cadmium	111-1	1434	1272	1506	1404	8.53	cps
Cadmium	106-1	2050	1825	2134	2003	7.97	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	458	742	542	581	25.08	cps
Calcium	44-1	26284	26860	26701	26615	1.12	cps
Chromium	52-2	703	720	650	691	5.29	cps
Cobalt	59-2	50	90	110	83	36.66	cps
Copper	63-2	593	613	610	606	1.77	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	83	75	117	92	24.05	cps
Gadolinium	160-2	43	13	23	27	57.29	cps
Holmium	165-1	10840323	11070748	11197500	11036191	1.64	cps
Holmium	165-2	3194275	3220700	3140667	3185214	1.28	cps
Indium	115-1	9646618	9798705	9875875	9773733	1.19	cps
Indium	115-2	600528	606931	605314	604258	0.55	cps
Iron	56-2	1756	1761	1728	1748	1.02	cps
Iron	57-2	44	50	44	46	6.92	cps
Krypton	83-1	377	393	343	371	6.86	cps
Lead	206-1	256	272	322	283	12.25	cps
Lead	207-1	228	244	222	231	4.99	cps
Lead	208-1	1028	1150	1072	1083	5.71	cps
Lithium	6-1	1936584	2012593	2020919	1990032	2.34	cps
Magnesium	24-2	142	158	117	139	15.10	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	20	33	33	40.01	cps
Molybdenum	94-1	275	225	325	275	18.18	cps
Molybdenum	95-1	83	125	58	89	37.89	cps
Molybdenum	96-1	125	183	192	167	21.79	cps
Molybdenum	97-1	58	58	100	72	33.31	cps
Molybdenum	98-1	150	108	183	147	25.52	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	83	73	80	7.22	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3701	3451	3517	3556	3.64	cps
Rhodium	103-1	9208848	9516458	9543863	9423056	1.97	cps
Rhodium	103-2	3293497	3287748	3324634	3301960	0.60	cps
Scandium	45-1	6229991	6321413	6382040	6311148	1.21	cps
Scandium	45-2	72593	72908	73237	72913	0.44	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	25	45	34	35	29.40	cps
Silicon	28-1	375521	375971	375992	375828	0.07	cps
Silver	109-1	42	50	58	50	16.67	cps
Silver	107-1	58	58	100	72	33.31	cps
Sodium	23-2	8053	7961	7811	7941	1.54	cps
Strontium	86-1	583	617	675	625	7.42	cps
Strontium	88-1	142	200	142	161	20.90	cps
Sulfur	34-1	378118	379629	376542	378096	0.41	cps
Terbium	159-1	11226446	11695921	11618376	11513581	2.19	cps
Terbium	159-2	3141065	3135047	3108852	3128321	0.55	cps
Thallium	203-1	75	67	75	72	6.66	cps
Thallium	205-1	167	167	233	189	20.38	cps
Tin	118-1	1417	1509	1375	1433	4.76	cps
Titanium	47-1	83	125	150	119	28.20	cps
Uranium	238-1	42	133	67	81	58.82	cps
Vanadium	51-2	13	0	20	11	91.66	cps
Yttrium	89-1	10353179	10697958	10620755	10557297	1.71	cps
Yttrium	89-2	466681	467823	472244	468916	0.63	cps
Zinc	66-2	83	60	127	90	37.59	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:30:25	DataFile Name :	003CALB_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	758	558	575	631	17.60	cps
Zirconium	91-1	142	108	108	119	16.11	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	100	183	169	37.56	cps
Antimony	121-1	13791	14350	14192	14111	2.04	cps
Arsenic	75-2	120	124	144	130	10.00	cps
Barium	135-1	14008	14509	14175	14230	1.79	cps
Barium	137-1	24866	24599	24716	24727	0.54	cps
Beryllium	9-1	1039	1239	1100	1126	9.10	cps
Bismuth	209-1	6841798	6492298	6580874	6638323	2.74	cps
Bismuth	209-2	2359266	2341322	2415011	2371866	1.62	cps
Boron	10-1	3376	3184	3367	3309	3.27	cps
Boron	11-1	15551	14449	16276	15426	5.96	cps
Cadmium	111-1	2860	2962	3122	2981	4.43	cps
Cadmium	106-1	2042	2159	2275	2159	5.41	cps
Cadmium	108-1	88	142	96	108	26.92	cps
Calcium	43-1	9170	9762	9170	9367	3.65	cps
Calcium	44-1	169572	171013	168847	169811	0.65	cps
Chromium	52-2	2860	2750	2824	2811	1.99	cps
Cobalt	59-2	2107	2197	2170	2158	2.14	cps
Copper	63-2	4167	4061	4191	4140	1.68	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	58	44	39.04	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	150	42	108	100	54.64	cps
Gadolinium	160-2	20	23	13	19	26.96	cps
Holmium	165-1	11346110	10886935	11190637	11141228	2.10	cps
Holmium	165-2	3244211	3194468	3247053	3228577	0.92	cps
Indium	115-1	10072078	9573513	9799693	9815095	2.54	cps
Indium	115-2	611385	607338	609360	609361	0.33	cps
Iron	56-2	35245	36426	35880	35850	1.65	cps
Iron	57-2	850	856	945	883	6.00	cps
Krypton	83-1	407	457	453	439	6.37	cps
Lead	206-1	4195	4218	4073	4162	1.87	cps
Lead	207-1	3578	3712	3812	3701	3.16	cps
Lead	208-1	16716	17183	16588	16829	1.86	cps
Lithium	6-1	2085891	2006197	2055679	2049256	1.96	cps
Magnesium	24-2	18880	18830	18387	18699	1.45	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	383	433	357	391	9.95	cps
Molybdenum	94-1	12682	12832	13023	12846	1.33	cps
Molybdenum	95-1	14250	15151	15343	14914	3.91	cps
Molybdenum	96-1	17412	16936	17037	17128	1.46	cps
Molybdenum	97-1	9862	9520	9679	9687	1.77	cps
Molybdenum	98-1	24590	24381	24348	24440	0.54	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	767	717	650	711	8.23	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	13741	14441	13749	13977	2.88	cps
Rhodium	103-1	9742189	9340522	9695195	9592635	2.29	cps
Rhodium	103-2	3370120	3297777	3346800	3338232	1.11	cps
Scandium	45-1	6496927	6277027	6331385	6368447	1.80	cps
Scandium	45-2	72181	73699	74091	73324	1.38	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	15	20	24	20	23.60	cps
Selenium	82-1	502	416	427	448	10.43	cps
Silicon	28-1	428851	425614	433279	429248	0.90	cps
Silver	109-1	8461	6669	7536	7555	11.87	cps
Silver	107-1	8236	7653	8236	8042	4.19	cps
Sodium	23-2	51160	51135	50992	51096	0.18	cps
Strontium	86-1	2842	2775	2692	2770	2.71	cps
Strontium	88-1	18188	17921	17587	17899	1.68	cps
Sulfur	34-1	380843	382772	381614	381743	0.25	cps
Terbium	159-1	11771404	11285466	11587505	11548125	2.12	cps
Terbium	159-2	3145861	3105032	3131379	3127424	0.66	cps
Thallium	203-1	5160	4801	4893	4951	3.76	cps
Thallium	205-1	11372	11456	11973	11600	2.80	cps
Tin	118-1	26218	26093	27145	26486	2.17	cps
Titanium	47-1	4626	4326	4634	4529	3.88	cps
Uranium	238-1	13858	13508	14017	13794	1.89	cps
Vanadium	51-2	3681	3470	3621	3591	3.01	cps
Yttrium	89-1	10918477	10540894	10782176	10747182	1.78	cps
Yttrium	89-2	476147	468213	474309	472890	0.88	cps
Zinc	66-2	370	397	403	390	4.52	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:37:51	DataFile Name :	005CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11038	11347	11614	11333	2.54	cps
Zirconium	91-1	2359	2375	2242	2325	3.13	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8353	7928	8061	8114	2.68	cps
Antimony	121-1	374692	376504	376073	375756	0.25	cps
Arsenic	75-2	6057	5864	6188	6037	2.70	cps
Barium	135-1	373933	375112	376674	375240	0.37	cps
Barium	137-1	654038	664207	660491	659579	0.78	cps
Beryllium	9-1	59478	58993	60148	59540	0.97	cps
Bismuth	209-1	6719181	6622683	6723607	6688490	0.85	cps
Bismuth	209-2	2359544	2354300	2384554	2366133	0.68	cps
Boron	10-1	6810	7127	7444	7127	4.45	cps
Boron	11-1	31711	32028	32897	32212	1.91	cps
Cadmium	111-1	85898	85916	86331	86048	0.28	cps
Cadmium	106-1	10988	11714	10680	11127	4.77	cps
Cadmium	108-1	6051	5968	5910	5976	1.19	cps
Calcium	43-1	95668	97908	95255	96277	1.48	cps
Calcium	44-1	1644196	1587661	1640326	1624061	1.94	cps
Chromium	52-2	53348	53622	53110	53360	0.48	cps
Cobalt	59-2	106009	108038	106369	106805	1.01	cps
Copper	63-2	183488	183730	182151	183123	0.46	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Holmium	165-1	11353673	11270397	11353319	11325797	0.42	cps
Holmium	165-2	3222074	3219469	3249265	3230269	0.51	cps
Indium	115-1	10247163	9988888	9870644	10035565	1.92	cps
Indium	115-2	610969	607323	615599	611297	0.68	cps
Iron	56-2	1816257	1803309	1811406	1810324	0.36	cps
Iron	57-2	44990	45135	45308	45144	0.35	cps
Krypton	83-1	390	423	403	406	4.14	cps
Lead	206-1	202114	201978	201440	201844	0.18	cps
Lead	207-1	182660	183694	181875	182743	0.50	cps
Lead	208-1	817613	820304	820497	819471	0.20	cps
Lithium	6-1	2070378	2059428	2063986	2064597	0.27	cps
Magnesium	24-2	191995	194133	192022	192717	0.64	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30637	30590	30253	30493	0.69	cps
Molybdenum	94-1	662187	663302	659982	661824	0.26	cps
Molybdenum	95-1	810891	817501	803775	810722	0.85	cps
Molybdenum	96-1	893608	895376	898744	895909	0.29	cps
Molybdenum	97-1	507664	506101	501856	505207	0.59	cps
Molybdenum	98-1	1303382	1282656	1288982	1291673	0.82	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	31472	31519	31643	31545	0.28	cps
Phosphorus	31-2	575	667	517	586	12.90	cps
Potassium	39-2	60363	61343	59979	60562	1.16	cps
Rhodium	103-1	9714695	9540393	9596506	9617198	0.93	cps
Rhodium	103-2	3310687	3312825	3373540	3332351	1.07	cps
Scandium	45-1	6510719	6484069	6497490	6497426	0.21	cps
Scandium	45-2	73833	73615	74852	74100	0.89	cps
Selenium	77-2	47	60	37	48	24.50	cps
Selenium	78-2	148	130	170	149	13.65	cps
Selenium	82-1	5541	5279	5279	5366	2.82	cps
Silicon	28-1	575571	575520	573385	574825	0.22	cps
Silver	109-1	396110	397057	391416	394861	0.77	cps
Silver	107-1	414712	414164	414323	414399	0.07	cps
Sodium	23-2	462509	460245	461905	461553	0.25	cps
Strontium	86-1	105615	107186	107698	106833	1.02	cps
Strontium	88-1	914766	923709	916067	918181	0.53	cps
Sulfur	34-1	410958	405389	408106	408151	0.68	cps
Terbium	159-1	11768873	11795216	11706762	11756950	0.39	cps
Terbium	159-2	3213623	3169844	3259645	3214371	1.40	cps
Thallium	203-1	251132	249156	253287	251192	0.82	cps
Thallium	205-1	597610	593208	597679	596166	0.43	cps
Tin	118-1	260030	261174	261906	261036	0.36	cps
Titanium	47-1	229858	229221	235418	231499	1.47	cps
Uranium	238-1	735660	736019	730865	734181	0.39	cps
Vanadium	51-2	38523	38369	39185	38692	1.12	cps
Yttrium	89-1	10979430	10905204	10823222	10902619	0.72	cps
Yttrium	89-2	473449	471905	478478	474611	0.72	cps
Zinc	66-2	17401	17204	17361	17322	0.60	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:41:33	DataFile Name :	006CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	554151	552619	556491	554420	0.35	cps
Zirconium	91-1	120413	122582	123541	122179	1.31	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20274	20207	20215	20232	0.18	cps
Antimony	121-1	955266	953424	964830	957840	0.64	cps
Arsenic	75-2	15162	15236	14912	15103	1.13	cps
Barium	135-1	960951	949556	962028	957512	0.72	cps
Barium	137-1	1712434	1695556	1672856	1693615	1.17	cps
Beryllium	9-1	146897	146152	144871	145973	0.70	cps
Bismuth	209-1	6686234	6719887	6650992	6685705	0.52	cps
Bismuth	209-2	2396712	2361918	2363653	2374095	0.83	cps
Boron	10-1	16568	17812	17353	17244	3.65	cps
Boron	11-1	79135	79462	80828	79808	1.13	cps
Cadmium	111-1	213795	211075	214209	213026	0.80	cps
Cadmium	106-1	23964	23780	24156	23967	0.78	cps
Cadmium	108-1	15000	14550	15109	14886	1.99	cps
Calcium	43-1	239588	241394	245003	241995	1.14	cps
Calcium	44-1	3986714	4032248	3940709	3986557	1.15	cps
Chromium	52-2	133560	131709	132695	132655	0.70	cps
Cobalt	59-2	265823	265959	269210	266997	0.72	cps
Copper	63-2	455642	453191	455213	454682	0.29	cps
Dysprosium	156-1	33	17	42	31	41.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	27	10	10	16	61.87	cps
Holmium	165-1	11674647	11475287	11380079	11510004	1.31	cps
Holmium	165-2	3319382	3264034	3222445	3268621	1.49	cps
Indium	115-1	10120770	9984879	10103216	10069622	0.73	cps
Indium	115-2	616467	613532	604703	611567	1.00	cps
Iron	56-2	4468442	4500656	4476395	4481831	0.37	cps
Iron	57-2	110882	112248	111399	111510	0.62	cps
Krypton	83-1	440	473	383	432	10.53	cps
Lead	206-1	506772	505249	506648	506223	0.17	cps
Lead	207-1	457775	460803	455529	458036	0.58	cps
Lead	208-1	2066015	2075913	2063946	2068625	0.31	cps
Lithium	6-1	2027561	2049771	2034824	2037385	0.56	cps
Magnesium	24-2	486075	478309	480692	481692	0.83	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76632	76887	76669	76729	0.18	cps
Molybdenum	94-1	1691146	1679993	1687201	1686113	0.34	cps
Molybdenum	95-1	2096726	2021799	2109038	2075854	2.27	cps
Molybdenum	96-1	2320985	2258524	2295631	2291713	1.37	cps
Molybdenum	97-1	1283517	1270796	1284200	1279504	0.59	cps
Molybdenum	98-1	3281464	3271679	3286778	3279974	0.23	cps
Neodymium	150-1	47	67	60	58	17.62	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	78157	79201	78734	78697	0.66	cps
Phosphorus	31-2	1500	1483	1508	1497	0.85	cps
Potassium	39-2	147129	145118	145233	145827	0.77	cps
Rhodium	103-1	9765833	9631930	9548397	9648720	1.14	cps
Rhodium	103-2	3337374	3341648	3294015	3324346	0.79	cps
Scandium	45-1	6602770	6479492	6476879	6519714	1.10	cps
Scandium	45-2	74239	74386	73572	74065	0.59	cps
Selenium	77-2	100	163	93	119	32.50	cps
Selenium	78-2	409	435	459	435	5.75	cps
Selenium	82-1	13743	13453	13751	13649	1.24	cps
Silicon	28-1	876221	871084	882505	876604	0.65	cps
Silver	109-1	978483	985564	996471	986839	0.92	cps
Silver	107-1	1035249	1051136	1044973	1043786	0.77	cps
Sodium	23-2	1170312	1160553	1166683	1165849	0.42	cps
Strontium	86-1	266064	266268	269260	267197	0.67	cps
Strontium	88-1	2345633	2312138	2337586	2331785	0.75	cps
Sulfur	34-1	450441	447673	446083	448065	0.49	cps
Terbium	159-1	12090461	11839629	11754430	11894840	1.47	cps
Terbium	159-2	3264251	3197528	3176605	3212795	1.42	cps
Thallium	203-1	634920	634905	626498	632108	0.77	cps
Thallium	205-1	1512186	1512240	1511709	1512045	0.02	cps
Tin	118-1	656869	653960	655612	655481	0.22	cps
Titanium	47-1	580469	580305	575060	578611	0.53	cps
Uranium	238-1	1904448	1878278	1901142	1894623	0.75	cps
Vanadium	51-2	95989	94798	97217	96002	1.26	cps
Yttrium	89-1	11082530	10982352	10923488	10996123	0.73	cps
Yttrium	89-2	480520	475287	470366	475391	1.07	cps
Zinc	66-2	42769	42709	42706	42728	0.08	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:45:14	DataFile Name :	007CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1414690	1401475	1434565	1416910	1.18	cps
Zirconium	91-1	311286	307459	308643	309129	0.63	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40400	39899	40501	40267	0.80	cps
Antimony	121-1	1928114	1909201	1935884	1924399	0.71	cps
Arsenic	75-2	30842	30621	30654	30706	0.39	cps
Barium	135-1	1970918	1947288	1938020	1952075	0.87	cps
Barium	137-1	3388535	3342646	3394319	3375167	0.84	cps
Beryllium	9-1	291410	290573	288193	290059	0.58	cps
Bismuth	209-1	6769925	6757259	6756777	6761320	0.11	cps
Bismuth	209-2	2415355	2332276	2363448	2370360	1.77	cps
Boron	10-1	33490	35027	34727	34415	2.37	cps
Boron	11-1	158120	161052	162284	160486	1.33	cps
Cadmium	111-1	426721	425626	423684	425344	0.36	cps
Cadmium	106-1	46473	46606	45553	46211	1.24	cps
Cadmium	108-1	29495	30435	30430	30120	1.80	cps
Calcium	43-1	486059	485825	487488	486457	0.19	cps
Calcium	44-1	7892194	7952681	7859584	7901486	0.60	cps
Chromium	52-2	265617	263964	263764	264448	0.38	cps
Cobalt	59-2	533081	530716	533321	532373	0.27	cps
Copper	63-2	907444	903603	909051	906699	0.31	cps
Dysprosium	156-1	17	50	67	44	57.28	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	100	133	67	100	33.33	cps
Gadolinium	160-2	20	13	27	20	33.35	cps
Holmium	165-1	11614360	11520502	11686280	11607048	0.72	cps
Holmium	165-2	3315429	3237764	3266842	3273345	1.20	cps
Indium	115-1	10058299	10066660	10141055	10088671	0.45	cps
Indium	115-2	614208	597428	607308	606315	1.39	cps
Iron	56-2	8836872	8868036	8942323	8882410	0.61	cps
Iron	57-2	224274	223790	223228	223764	0.23	cps
Krypton	83-1	407	343	393	381	8.76	cps
Lead	206-1	1022626	1030458	1015088	1022724	0.75	cps
Lead	207-1	918975	926731	923128	922945	0.42	cps
Lead	208-1	4179515	4203782	4199779	4194359	0.31	cps
Lithium	6-1	2049338	2029120	2051070	2043176	0.60	cps
Magnesium	24-2	963786	960830	964306	962974	0.19	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155100	153906	153681	154229	0.49	cps
Molybdenum	94-1	3421886	3402728	3420122	3414912	0.31	cps
Molybdenum	95-1	4102046	4100500	4117845	4106797	0.23	cps
Molybdenum	96-1	4634927	4611986	4626261	4624392	0.25	cps
Molybdenum	97-1	2701543	2660858	2647390	2669930	1.06	cps
Molybdenum	98-1	6541079	6576400	6529976	6549152	0.37	cps
Neodymium	150-1	87	87	60	78	19.80	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	156896	158133	157614	157547	0.39	cps
Phosphorus	31-2	3000	3276	2992	3089	5.22	cps
Potassium	39-2	286801	290313	285546	287553	0.86	cps
Rhodium	103-1	9708490	9764435	9629101	9700675	0.70	cps
Rhodium	103-2	3351427	3252217	3269680	3291108	1.61	cps
Scandium	45-1	6562708	6551974	6552990	6555891	0.09	cps
Scandium	45-2	74423	72949	74021	73797	1.03	cps
Selenium	77-2	263	227	267	252	8.80	cps
Selenium	78-2	796	761	761	773	2.63	cps
Selenium	82-1	27368	27388	27189	27315	0.40	cps
Silicon	28-1	1264886	1265118	1268148	1266051	0.14	cps
Silver	109-1	2022278	2009229	2025415	2018974	0.43	cps
Silver	107-1	2081161	2103836	2115065	2100021	0.82	cps
Sodium	23-2	2293286	2355914	2327665	2325621	1.35	cps
Strontium	86-1	536250	538694	537632	537525	0.23	cps
Strontium	88-1	4616449	4644484	4675692	4645542	0.64	cps
Sulfur	34-1	514722	512949	512881	513518	0.20	cps
Terbium	159-1	12260213	12062627	12103633	12142158	0.86	cps
Terbium	159-2	3254883	3152501	3198102	3201829	1.60	cps
Thallium	203-1	1266913	1268124	1259538	1264858	0.37	cps
Thallium	205-1	3087288	3125278	3076836	3096468	0.82	cps
Tin	118-1	1310147	1318818	1315498	1314821	0.33	cps
Titanium	47-1	1160995	1171960	1165932	1166296	0.47	cps
Uranium	238-1	3811575	3803996	3807966	3807845	0.10	cps
Vanadium	51-2	193330	191442	191394	192056	0.57	cps
Yttrium	89-1	11031906	11225822	11190185	11149304	0.93	cps
Yttrium	89-2	482792	466023	478528	475781	1.83	cps
Zinc	66-2	86840	85310	85223	85791	1.06	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:48:49	DataFile Name :	008CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2855424	2915640	2843676	2871580	1.34	cps
Zirconium	91-1	617532	627047	631809	625463	1.16	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79599	78626	80109	79445	0.95	cps
Antimony	121-1	3934027	3964806	3924389	3941074	0.54	cps
Arsenic	75-2	61992	61754	61905	61883	0.19	cps
Barium	135-1	3873946	3947086	3916668	3912567	0.94	cps
Barium	137-1	6702238	6819949	6818449	6780212	1.00	cps
Beryllium	9-1	584963	576406	580784	580718	0.74	cps
Bismuth	209-1	6842457	6916307	6913282	6890682	0.61	cps
Bismuth	209-2	2301022	2367143	2434608	2367591	2.82	cps
Boron	10-1	66781	68832	70105	68573	2.45	cps
Boron	11-1	313467	322178	329430	321692	2.48	cps
Cadmium	111-1	860437	856092	863605	860045	0.44	cps
Cadmium	106-1	91376	89338	90159	90291	1.14	cps
Cadmium	108-1	61076	60377	61883	61112	1.23	cps
Calcium	43-1	977049	975658	975938	976215	0.08	cps
Calcium	44-1	16076740	15883083	15914160	15957994	0.65	cps
Chromium	52-2	522893	520582	523920	522465	0.33	cps
Cobalt	59-2	1067795	1066957	1068454	1067735	0.07	cps
Copper	63-2	1858815	1808988	1840040	1835948	1.37	cps
Dysprosium	156-1	33	83	42	53	50.76	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	50	33	33	39	24.73	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	83	92	50	75	29.40	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	11771790	11726796	11935003	11811196	0.93	cps
Holmium	165-2	3257397	3344866	3387096	3329786	1.99	cps
Indium	115-1	10095501	10154367	10254671	10168180	0.79	cps
Indium	115-2	587415	604867	616508	602930	2.43	cps
Iron	56-2	17787109	17839933	17742709	17789917	0.27	cps
Iron	57-2	446256	446900	445805	446320	0.12	cps
Krypton	83-1	413	407	340	387	10.49	cps
Lead	206-1	2105141	2071055	2107829	2094675	0.98	cps
Lead	207-1	1946812	1942738	1988736	1959428	1.30	cps
Lead	208-1	8644470	8615895	8701613	8653993	0.50	cps
Lithium	6-1	2036708	2039172	2076635	2050838	1.09	cps
Magnesium	24-2	1938396	1912876	1966535	1939269	1.38	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	305477	304132	305547	305052	0.26	cps
Molybdenum	94-1	6731881	6850779	6694519	6759060	1.21	cps
Molybdenum	95-1	8237887	8450888	8235326	8308034	1.49	cps
Molybdenum	96-1	9221727	9346551	9254125	9274134	0.70	cps
Molybdenum	97-1	5266274	5325994	5332899	5308389	0.69	cps
Molybdenum	98-1	13308114	13334603	13347907	13330208	0.15	cps
Neodymium	150-1	133	113	153	133	15.00	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	313172	310481	312113	311922	0.43	cps
Phosphorus	31-2	5685	5735	5518	5646	2.01	cps
Potassium	39-2	567915	568486	564759	567054	0.35	cps
Rhodium	103-1	9785691	9737519	9765002	9762738	0.25	cps
Rhodium	103-2	3197615	3262231	3316854	3258900	1.83	cps
Scandium	45-1	6638600	6586141	6607381	6610707	0.40	cps
Scandium	45-2	71716	71937	74295	72649	1.97	cps
Selenium	77-2	467	453	497	472	4.70	cps
Selenium	78-2	1506	1593	1583	1561	3.06	cps
Selenium	82-1	54627	55044	55264	54978	0.59	cps
Silicon	28-1	2076854	2054638	2057630	2063041	0.58	cps
Silver	109-1	4043048	3978443	4055408	4025633	1.03	cps
Silver	107-1	4190898	4167121	4234995	4197671	0.82	cps
Sodium	23-2	4518933	4548306	4517778	4528339	0.38	cps
Strontium	86-1	1080168	1081755	1094746	1085556	0.74	cps
Strontium	88-1	9259452	9285645	9329094	9291397	0.38	cps
Sulfur	34-1	656326	649956	661378	655887	0.87	cps
Terbium	159-1	12240609	12263029	12155278	12219639	0.47	cps
Terbium	159-2	3166088	3240158	3298441	3234896	2.05	cps
Thallium	203-1	2608755	2607373	2627177	2614435	0.42	cps
Thallium	205-1	6279730	6141422	6235690	6218947	1.14	cps
Tin	118-1	2710355	2726048	2702244	2712882	0.45	cps
Titanium	47-1	2391680	2359477	2366388	2372515	0.71	cps
Uranium	238-1	7586329	7636180	7739289	7653933	1.02	cps
Vanadium	51-2	384469	383952	384920	384447	0.13	cps
Yttrium	89-1	11149189	11201537	11258539	11203088	0.49	cps
Yttrium	89-2	457055	472215	481017	470096	2.58	cps
Zinc	66-2	171948	171687	171043	171560	0.27	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:52:18	DataFile Name :	009CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5745540	5780649	5744392	5756860	0.36	cps
Zirconium	91-1	1265082	1276621	1268014	1269906	0.47	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153708	157416	161055	157393	2.33	cps
Antimony	121-1	8072962	8122611	8125532	8107035	0.36	cps
Arsenic	75-2	122372	122461	122517	122450	0.06	cps
Barium	135-1	8016890	8180974	7946388	8048084	1.50	cps
Barium	137-1	13945201	14177848	13987009	14036686	0.88	cps
Beryllium	9-1	1182439	1184398	1156349	1174395	1.33	cps
Bismuth	209-1	7235356	7217334	7166849	7206513	0.49	cps
Bismuth	209-2	2483828	2462496	2519179	2488501	1.15	cps
Boron	10-1	136754	138741	142409	139301	2.06	cps
Boron	11-1	629680	641329	653247	641419	1.84	cps
Cadmium	111-1	1751276	1782941	1787115	1773777	1.10	cps
Cadmium	106-1	181703	183703	182478	182628	0.55	cps
Cadmium	108-1	124451	125128	125212	124931	0.33	cps
Calcium	43-1	2007974	1979366	1975963	1987767	0.88	cps
Calcium	44-1	32227241	32089183	32336978	32217801	0.39	cps
Chromium	52-2	1040649	1042275	1044091	1042338	0.17	cps
Cobalt	59-2	2126840	2111757	2135164	2124587	0.56	cps
Copper	63-2	3583794	3550542	3592078	3575471	0.61	cps
Dysprosium	156-1	133	100	100	111	17.32	cps
Dysprosium	156-2	3	23	13	13	75.02	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	23	40	20	28	38.58	cps
Holmium	165-1	12479786	12504622	12494615	12493008	0.10	cps
Holmium	165-2	3510551	3477194	3459066	3482270	0.75	cps
Indium	115-1	10374740	10420895	10429170	10408268	0.28	cps
Indium	115-2	602192	606658	606442	605097	0.42	cps
Iron	56-2	35494226	35480342	35278120	35417563	0.34	cps
Iron	57-2	883337	886261	885753	885117	0.18	cps
Krypton	83-1	387	433	347	389	11.15	cps
Lead	206-1	4405836	4409059	4416142	4410346	0.12	cps
Lead	207-1	4106112	4110062	4118744	4111639	0.16	cps
Lead	208-1	17951419	18120349	18063435	18045068	0.48	cps
Lithium	6-1	2041133	2070588	2077947	2063222	0.94	cps
Magnesium	24-2	3740427	3757572	3773953	3757317	0.45	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	604097	601997	606924	604339	0.41	cps
Molybdenum	94-1	13986920	14177834	14070288	14078347	0.68	cps
Molybdenum	95-1	17311801	17230108	17179952	17240620	0.39	cps
Molybdenum	96-1	19021762	19076042	19187876	19095227	0.44	cps
Molybdenum	97-1	10991620	10997086	10909777	10966161	0.45	cps
Molybdenum	98-1	27618576	27410036	27200219	27409610	0.76	cps
Neodymium	150-1	247	380	253	293	25.61	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	608502	609874	611114	609830	0.21	cps
Phosphorus	31-2	11188	10613	11405	11069	3.70	cps
Potassium	39-2	1117403	1119013	1122627	1119681	0.24	cps
Rhodium	103-1	9936886	9827658	9792086	9852210	0.77	cps
Rhodium	103-2	3269594	3314567	3334648	3306270	1.01	cps
Scandium	45-1	6687263	6712805	6705489	6701852	0.20	cps
Scandium	45-2	73153	73437	73427	73339	0.22	cps
Selenium	77-2	893	1010	897	933	7.12	cps
Selenium	78-2	3087	3032	3091	3070	1.08	cps
Selenium	82-1	112089	111951	112288	112110	0.15	cps
Silicon	28-1	3605214	3586497	3552007	3581239	0.75	cps
Silver	109-1	8097226	8185497	8163105	8148609	0.56	cps
Silver	107-1	8410317	8477984	8575089	8487797	0.98	cps
Sodium	23-2	8995183	8808582	8981762	8928509	1.17	cps
Strontium	86-1	2264000	2259712	2245737	2256483	0.42	cps
Strontium	88-1	19347536	19334455	19157629	19279873	0.55	cps
Sulfur	34-1	939607	936308	934971	936962	0.25	cps
Terbium	159-1	13002242	13003327	13050864	13018811	0.21	cps
Terbium	159-2	3339679	3388220	3404436	3377445	1.00	cps
Thallium	203-1	5499560	5462436	5479593	5480530	0.34	cps
Thallium	205-1	12901661	13092463	13017335	13003820	0.74	cps
Tin	118-1	5511713	5585839	5508202	5535251	0.79	cps
Titanium	47-1	4673662	4686472	4701417	4687184	0.30	cps
Uranium	238-1	16408137	16466778	16346736	16407217	0.37	cps
Vanadium	51-2	769703	766729	766209	767547	0.25	cps
Yttrium	89-1	11644559	11603909	11614488	11620985	0.18	cps
Yttrium	89-2	476372	479785	478761	478306	0.37	cps
Zinc	66-2	332392	334861	336610	334621	0.63	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:55:42	DataFile Name :	010CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11741781	11865447	11888518	11831915	0.67	cps
Zirconium	91-1	2659755	2685460	2651341	2665518	0.67	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802629	796147	804570	801115	0.55	cps
Antimony	121-1	21952	20166	19223	20447	6.78	cps
Arsenic	75-2	83	78	69	77	9.77	cps
Barium	135-1	3542	3492	3309	3448	3.56	cps
Barium	137-1	6077	5535	5385	5665	6.43	cps
Beryllium	9-1	328	267	328	307	11.48	cps
Bismuth	209-1	6925771	6772385	6906172	6868109	1.22	cps
Bismuth	209-2	2358135	2345441	2423617	2375731	1.77	cps
Boron	10-1	6318	5585	5935	5946	6.17	cps
Boron	11-1	29298	27152	24455	26968	9.00	cps
Cadmium	111-1	1936	2313	1983	2077	9.88	cps
Cadmium	106-1	2242	2784	2300	2442	12.18	cps
Cadmium	108-1	29	75	33	46	55.30	cps
Calcium	43-1	10036440	10058503	10098072	10064338	0.31	cps
Calcium	44-1	164091616	165283779	167288608	165554668	0.98	cps
Chromium	52-2	53275	53914	53710	53633	0.61	cps
Cobalt	59-2	3891	3771	3757	3806	1.93	cps
Copper	63-2	8546	8173	8193	8304	2.53	cps
Dysprosium	156-1	92	58	50	67	33.07	cps
Dysprosium	156-2	20	20	13	18	21.66	cps
Erbium	164-1	17	58	92	56	67.63	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	13	27	33	24	41.66	cps
Holmium	165-1	12476557	12189099	12504932	12390196	1.41	cps
Holmium	165-2	3491491	3446015	3504373	3480627	0.88	cps
Indium	115-1	10290843	10181551	10453198	10308531	1.33	cps
Indium	115-2	622578	616280	632307	623721	1.29	cps
Iron	56-2	174728776	175228632	177839726	175932378	0.95	cps
Iron	57-2	4381081	4396605	4424723	4400803	0.50	cps
Krypton	83-1	417	443	393	418	5.99	cps
Lead	206-1	8709	8347	8898	8651	3.23	cps
Lead	207-1	8058	7525	7325	7636	4.97	cps
Lead	208-1	35565	34186	34258	34670	2.24	cps
Lithium	6-1	2032048	1982216	2053260	2022508	1.80	cps
Magnesium	24-2	18728563	18697159	18678334	18701352	0.14	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CAL5_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3150	3160	3244	3185	1.61	cps
Molybdenum	94-1	20224	19506	19214	19648	2.64	cps
Molybdenum	95-1	32340	30159	30786	31095	3.61	cps
Molybdenum	96-1	35706	36149	34762	35539	1.99	cps
Molybdenum	97-1	19865	19348	19456	19556	1.40	cps
Molybdenum	98-1	49993	51910	49065	50323	2.88	cps
Neodymium	150-1	107	120	33	87	53.85	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	19611	19200	19190	19334	1.24	cps
Phosphorus	31-2	8	8	42	19	99.00	cps
Potassium	39-2	5605072	5506962	5620204	5577412	1.10	cps
Rhodium	103-1	9564984	9391228	9670415	9542209	1.48	cps
Rhodium	103-2	3241690	3195456	3293812	3243653	1.52	cps
Scandium	45-1	6724454	6640087	6839628	6734723	1.49	cps
Scandium	45-2	74932	73153	76011	74699	1.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	6	9	9	32.69	cps
Selenium	82-1	115	76	128	107	25.12	cps
Silicon	28-1	579989	586583	591265	585946	0.97	cps
Silver	109-1	1592	1525	1417	1511	5.85	cps
Silver	107-1	1725	1825	1659	1736	4.83	cps
Sodium	23-2	43875790	43648621	44019321	43847910	0.43	cps
Strontium	86-1	77755	76674	77553	77328	0.74	cps
Strontium	88-1	659037	665008	660913	661653	0.46	cps
Sulfur	34-1	362027	362060	360573	361553	0.23	cps
Terbium	159-1	12915125	12727577	12897899	12846867	0.81	cps
Terbium	159-2	3462377	3427668	3425514	3438520	0.60	cps
Thallium	203-1	3367	3317	2951	3212	7.09	cps
Thallium	205-1	7986	7152	6969	7369	7.36	cps
Tin	118-1	11689	11163	10988	11280	3.23	cps
Titanium	47-1	1642	1550	1608	1600	2.90	cps
Uranium	238-1	4718	4276	4209	4401	6.28	cps
Vanadium	51-2	587	440	497	508	14.57	cps
Yttrium	89-1	11464637	11424692	11699342	11529557	1.29	cps
Yttrium	89-2	494583	488911	501324	494940	1.26	cps
Zinc	66-2	1620	1580	1517	1572	3.31	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 12:59:02	DataFile Name :	011CALS_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4743	4784	4843	4790	1.05	cps
Zirconium	91-1	1183	1660	1042	1295	25.00	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3967	3901	3934	3934	0.85	cps
Antimony	121-1	1468646	1458745	1482425	1469939	0.81	cps
Arsenic	75-2	24132	23615	24184	23977	1.31	cps
Barium	135-1	152562	151905	149123	151197	1.21	cps
Barium	137-1	260993	259881	259002	259959	0.38	cps
Beryllium	9-1	109833	109088	111321	110081	1.03	cps
Bismuth	209-1	6829885	6921933	6811758	6854526	0.86	cps
Bismuth	209-2	2484817	2443999	2433140	2453985	1.11	cps
Boron	10-1	73019	75005	75273	74432	1.65	cps
Boron	11-1	336644	345642	351359	344548	2.15	cps
Cadmium	111-1	170653	171584	168266	170167	1.01	cps
Cadmium	106-1	28874	28348	28181	28467	1.27	cps
Cadmium	108-1	15192	15096	15188	15159	0.36	cps
Calcium	43-1	41580	42139	41981	41900	0.69	cps
Calcium	44-1	677080	667726	666204	670337	0.88	cps
Chromium	52-2	100810	101663	101471	101314	0.44	cps
Cobalt	59-2	212606	210112	211885	211535	0.61	cps
Copper	63-2	180448	180053	180849	180450	0.22	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	100	117	92	32.77	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	58	100	58	72	33.31	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	11587357	11620332	11774687	11660792	0.86	cps
Holmium	165-2	3340857	3345652	3351976	3346162	0.17	cps
Indium	115-1	10174705	10452898	10391542	10339715	1.41	cps
Indium	115-2	627459	628568	623391	626473	0.44	cps
Iron	56-2	700564	705243	704063	703290	0.35	cps
Iron	57-2	17639	17356	18641	17879	3.78	cps
Krypton	83-1	430	430	423	428	0.90	cps
Lead	206-1	803993	803143	803427	803521	0.05	cps
Lead	207-1	699123	702374	699024	700174	0.27	cps
Lead	208-1	3255618	3243300	3219927	3239615	0.56	cps
Lithium	6-1	2010990	2015510	2088069	2038190	2.12	cps
Magnesium	24-2	45231	45633	44905	45256	0.81	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30153	29588	30199	29980	1.13	cps
Molybdenum	94-1	3046988	3141056	3111246	3099763	1.55	cps
Molybdenum	95-1	1722170	1734759	1718111	1725013	0.50	cps
Molybdenum	96-1	2194776	2207726	2221912	2208138	0.61	cps
Molybdenum	97-1	1073007	1065199	1067717	1068641	0.37	cps
Molybdenum	98-1	2788786	2775165	2817783	2793912	0.78	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	62349	61670	61736	61918	0.60	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	48351	49806	48041	48733	1.93	cps
Rhodium	103-1	9925747	10043464	10093728	10020980	0.86	cps
Rhodium	103-2	3453417	3443264	3434148	3443609	0.28	cps
Scandium	45-1	6657313	6675211	6654533	6662352	0.17	cps
Scandium	45-2	76041	77063	74523	75876	1.68	cps
Selenium	77-2	193	180	213	196	8.58	cps
Selenium	78-2	624	552	637	604	7.60	cps
Selenium	82-1	21233	21559	21301	21364	0.81	cps
Silicon	28-1	2003204	2027392	1982954	2004517	1.11	cps
Silver	109-1	772985	769744	767365	770031	0.37	cps
Silver	107-1	810519	807318	816645	811494	0.58	cps
Sodium	23-2	187983	190120	189817	189307	0.61	cps
Strontium	86-1	1118675	1118396	1116182	1117751	0.12	cps
Strontium	88-1	9589404	9521404	9614866	9575224	0.50	cps
Sulfur	34-1	345822	346118	344445	345462	0.26	cps
Terbium	159-1	12035791	12061356	12228117	12108421	0.86	cps
Terbium	159-2	3305379	3293702	3282213	3293765	0.35	cps
Thallium	203-1	1019064	1010196	1017482	1015581	0.47	cps
Thallium	205-1	2519740	2482264	2470095	2490699	1.04	cps
Tin	118-1	2767721	2784556	2798321	2783533	0.55	cps
Titanium	47-1	483364	483260	481993	482873	0.16	cps
Uranium	238-1	8587312	8599303	8602979	8596531	0.10	cps
Vanadium	51-2	74018	75764	73327	74370	1.69	cps
Yttrium	89-1	11197435	11437737	11246792	11293988	1.12	cps
Yttrium	89-2	492837	492703	489989	491843	0.33	cps
Zinc	66-2	33440	33818	34276	33845	1.24	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:20:12	DataFile Name :	015ICV_P8052318-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5968923	5903755	5875954	5916210	0.81	cps
Zirconium	91-1	1299661	1304667	1297588	1300639	0.28	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.31	cps
Antimony	121-1	1225	1292	967	1161	14.78	cps
Arsenic	75-2	7	11	15	11	33.30	cps
Barium	135-1	33	58	58	50	28.86	cps
Barium	137-1	42	67	108	72	46.63	cps
Beryllium	9-1	50	50	83	61	31.50	cps
Bismuth	209-1	6652358	6741816	6698864	6697679	0.67	cps
Bismuth	209-2	2473675	2407538	2314927	2398713	3.32	cps
Boron	10-1	1375	1725	1400	1500	13.02	cps
Boron	11-1	6385	6235	6202	6274	1.56	cps
Cadmium	111-1	1521	1412	1461	1464	3.71	cps
Cadmium	106-1	2167	2009	2075	2084	3.82	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	567	717	642	642	11.69	cps
Calcium	44-1	27436	27670	28413	27840	1.83	cps
Chromium	52-2	667	630	713	670	6.23	cps
Cobalt	59-2	87	107	80	91	15.23	cps
Copper	63-2	500	547	540	529	4.77	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	42	50	92	61	43.83	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	11340990	11384945	11447089	11391008	0.47	cps
Holmium	165-2	3424732	3297448	3142792	3288324	4.29	cps
Indium	115-1	10067301	10204083	10170391	10147258	0.70	cps
Indium	115-2	628007	622475	594247	614910	2.94	cps
Iron	56-2	2022	2211	2145	2126	4.51	cps
Iron	57-2	28	61	61	50	38.49	cps
Krypton	83-1	480	363	363	402	16.75	cps
Lead	206-1	389	417	422	409	4.36	cps
Lead	207-1	328	283	317	309	7.48	cps
Lead	208-1	1500	1495	1611	1535	4.29	cps
Lithium	6-1	2048918	2053699	2033252	2045290	0.52	cps
Magnesium	24-2	142	183	183	169	14.20	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	40	20	39	47.21	cps
Molybdenum	94-1	725	525	583	611	16.83	cps
Molybdenum	95-1	275	375	233	294	24.73	cps
Molybdenum	96-1	492	542	392	475	16.08	cps
Molybdenum	97-1	208	183	150	181	16.21	cps
Molybdenum	98-1	533	383	475	464	16.30	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	90	73	83	10.59	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3759	3776	3567	3701	3.13	cps
Rhodium	103-1	9797229	9898138	9749078	9814815	0.78	cps
Rhodium	103-2	3435697	3367170	3273132	3358666	2.43	cps
Scandium	45-1	6537326	6557316	6501396	6532013	0.43	cps
Scandium	45-2	75411	73877	72229	73839	2.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-117	29	17	-24	-343.37	cps
Silicon	28-1	359117	359171	355100	357796	0.65	cps
Silver	109-1	83	75	92	83	10.00	cps
Silver	107-1	67	167	100	111	45.83	cps
Sodium	23-2	10788	11197	11105	11030	1.94	cps
Strontium	86-1	683	525	683	631	14.50	cps
Strontium	88-1	142	100	117	119	17.56	cps
Sulfur	34-1	360172	357602	362456	360077	0.67	cps
Terbium	159-1	11824891	11828912	11816792	11823532	0.05	cps
Terbium	159-2	3287494	3240412	3072278	3200061	3.54	cps
Thallium	203-1	350	400	358	369	7.25	cps
Thallium	205-1	883	1058	842	928	12.39	cps
Tin	118-1	1267	1150	1117	1178	6.69	cps
Titanium	47-1	158	183	217	186	15.73	cps
Uranium	238-1	58	83	67	69	18.33	cps
Vanadium	51-2	10	0	13	8	89.21	cps
Yttrium	89-1	10963959	11128449	11007699	11033369	0.77	cps
Yttrium	89-2	487356	480380	464229	477322	2.49	cps
Zinc	66-2	43	23	60	42	43.49	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:30:01	DataFile Name :	016CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	908	833	983	908	8.26	cps
Zirconium	91-1	233	192	208	211	9.93	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:33:22	DataFile Name :	017ICSA_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755984	752663	744511	751053	0.79	cps
Antimony	121-1	9212	9037	8812	9020	2.22	cps
Arsenic	75-2	26	39	28	31	22.71	cps
Barium	135-1	2200	2175	2134	2170	1.55	cps
Barium	137-1	3926	3434	3217	3526	10.30	cps
Beryllium	9-1	389	383	406	393	2.95	cps
Bismuth	209-1	6204207	6267310	6364796	6278771	1.29	cps
Bismuth	209-2	2109106	2289402	2252876	2217128	4.30	cps
Boron	10-1	1567	1367	1609	1514	8.53	cps
Boron	11-1	6769	6902	6935	6869	1.28	cps
Cadmium	111-1	1875	1878	1730	1828	4.63	cps
Cadmium	106-1	2067	1975	1934	1992	3.42	cps
Cadmium	108-1	942	804	908	885	8.11	cps
Calcium	43-1	1910151	1905043	1915068	1910087	0.26	cps
Calcium	44-1	30916012	30628838	30740808	30761886	0.47	cps
Chromium	52-2	22859	22241	22762	22621	1.47	cps
Cobalt	59-2	2360	2497	2614	2490	5.09	cps
Copper	63-2	13984	14388	13777	14050	2.21	cps
Dysprosium	156-1	25	67	50	47	44.41	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	108	42	58	69	49.96	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	117	133	117	122	7.87	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	11092112	11209712	11263585	11188470	0.78	cps
Holmium	165-2	3097519	3297773	3300615	3231969	3.60	cps
Indium	115-1	9671582	9800677	9853590	9775283	0.96	cps
Indium	115-2	565086	610306	608333	594575	4.30	cps
Iron	56-2	70437924	69972567	69765288	70058593	0.49	cps
Iron	57-2	1794916	1811905	1765122	1790648	1.32	cps
Krypton	83-1	357	383	463	401	13.84	cps
Lead	206-1	18826	18314	18492	18544	1.40	cps
Lead	207-1	14992	14125	14347	14488	3.11	cps
Lead	208-1	70193	68802	69365	69453	1.01	cps
Lithium	6-1	1978581	2038879	2038879	2018780	1.72	cps
Magnesium	24-2	3869087	3808101	3814387	3830525	0.88	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:33:22	DataFile Name :	017ICSA_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2337	2434	2404	2391	2.07	cps
Molybdenum	94-1	3590162	3606622	3633888	3610224	0.61	cps
Molybdenum	95-1	6310468	6274024	6233355	6272616	0.61	cps
Molybdenum	96-1	6750098	6740948	6690635	6727227	0.48	cps
Molybdenum	97-1	4035706	4021685	4000769	4019387	0.44	cps
Molybdenum	98-1	9922381	9979879	9853284	9918515	0.64	cps
Neodymium	150-1	33	13	27	24	41.66	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	4007	4007	3664	3893	5.09	cps
Phosphorus	31-2	57384	56999	58028	57470	0.90	cps
Potassium	39-2	2367146	2331518	2306121	2334928	1.31	cps
Rhodium	103-1	9132941	9367626	9335767	9278778	1.37	cps
Rhodium	103-2	3045769	3291739	3275750	3204419	4.29	cps
Scandium	45-1	6578094	6616654	6582353	6592367	0.32	cps
Scandium	45-2	71281	77184	76186	74884	4.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	12	49	-50	4	1304.32	cps
Silicon	28-1	470720	471387	466041	469382	0.62	cps
Silver	109-1	442	575	650	556	18.99	cps
Silver	107-1	617	642	650	636	2.73	cps
Sodium	23-2	9117987	9033106	8990640	9047245	0.72	cps
Strontium	86-1	72678	70968	70189	71279	1.79	cps
Strontium	88-1	612982	608069	609244	610099	0.42	cps
Sulfur	34-1	2498058	2466324	2450097	2471493	0.99	cps
Terbium	159-1	11634394	11794964	11792433	11740597	0.78	cps
Terbium	159-2	2997413	3246377	3261257	3168349	4.68	cps
Thallium	203-1	925	942	1158	1008	12.91	cps
Thallium	205-1	2050	1909	2159	2039	6.15	cps
Tin	118-1	2384	2084	2309	2259	6.91	cps
Titanium	47-1	1881407	1871185	1826684	1859759	1.56	cps
Uranium	238-1	358	375	358	364	2.64	cps
Vanadium	51-2	113	130	160	134	17.59	cps
Yttrium	89-1	10829917	10932828	11033917	10932221	0.93	cps
Yttrium	89-2	449001	492951	484747	475566	4.91	cps
Zinc	66-2	1984	2130	2067	2060	3.57	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:33:22	DataFile Name :	017ICSA_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4201	3501	3542	3748	10.48	cps
Zirconium	91-1	933	850	725	836	12.54	cps

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 13:36:36 DataFile Name : 018ICSB_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	753613	743659	737892	745054	1.07	cps
Antimony	121-1	151265	155555	159360	155393	2.61	cps
Arsenic	75-2	2448	2508	2434	2463	1.59	cps
Barium	135-1	33117	31981	32257	32452	1.83	cps
Barium	137-1	57058	57543	56246	56949	1.15	cps
Beryllium	9-1	22946	22841	22863	22883	0.24	cps
Bismuth	209-1	6406936	6521219	5967660	6298605	4.64	cps
Bismuth	209-2	2342685	2361008	2349118	2350937	0.40	cps
Boron	10-1	9754	9570	9729	9684	1.03	cps
Boron	11-1	43902	46376	45615	45298	2.80	cps
Cadmium	111-1	33940	33257	34391	33863	1.69	cps
Cadmium	106-1	5960	5610	6277	5949	5.61	cps
Cadmium	108-1	3571	3546	3446	3521	1.88	cps
Calcium	43-1	1919710	1903075	1920081	1914289	0.51	cps
Calcium	44-1	30618995	30745472	31024967	30796478	0.67	cps
Chromium	52-2	43972	43889	43722	43861	0.29	cps
Cobalt	59-2	45922	45658	44989	45523	1.06	cps
Copper	63-2	49996	50020	49374	49797	0.74	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	27	33	17	26	32.81	cps
Gadolinium	160-1	158	108	92	119	29.05	cps
Gadolinium	160-2	13	37	37	29	46.64	cps
Holmium	165-1	11578201	11482275	10528929	11196468	5.18	cps
Holmium	165-2	3368036	3406785	3371979	3382267	0.63	cps
Indium	115-1	10125837	10001077	9138292	9755069	5.51	cps
Indium	115-2	619222	614361	610141	614575	0.74	cps
Iron	56-2	70637977	69716459	69554846	69969760	0.84	cps
Iron	57-2	1787159	1789071	1761703	1779311	0.86	cps
Krypton	83-1	373	397	407	392	4.36	cps
Lead	206-1	97796	97147	99056	98000	0.99	cps
Lead	207-1	81170	81935	83379	82161	1.37	cps
Lead	208-1	375785	378723	381939	378816	0.81	cps
Lithium	6-1	2044736	2056672	1856840	1986082	5.64	cps
Magnesium	24-2	3801926	3737462	3777241	3772210	0.86	cps

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 13:36:36 DataFile Name : 018ICSB_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8606	8573	8489	8556	0.70	cps
Molybdenum	94-1	3932308	3954478	4008835	3965207	0.99	cps
Molybdenum	95-1	6488828	6478151	6555895	6507624	0.65	cps
Molybdenum	96-1	7015564	6964756	7023369	7001230	0.45	cps
Molybdenum	97-1	4222564	4172236	4210213	4201671	0.62	cps
Molybdenum	98-1	10451668	10393764	10414602	10420012	0.28	cps
Neodymium	150-1	7	20	113	47	124.54	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	16380	15909	16527	16272	1.98	cps
Phosphorus	31-2	56379	58213	55987	56860	2.09	cps
Potassium	39-2	2327777	2307193	2271810	2302260	1.23	cps
Rhodium	103-1	9540120	9517369	8623518	9227002	5.67	cps
Rhodium	103-2	3349450	3334039	3314941	3332810	0.52	cps
Scandium	45-1	6697829	6625691	6004954	6442825	5.91	cps
Scandium	45-2	76836	75237	74805	75626	1.41	cps
Selenium	77-2	27	3	7	12	103.26	cps
Selenium	78-2	43	57	81	60	32.45	cps
Selenium	82-1	2134	2046	2033	2071	2.67	cps
Silicon	28-1	685378	688302	682680	685453	0.41	cps
Silver	109-1	144731	145572	143586	144630	0.69	cps
Silver	107-1	152832	151812	155208	153284	1.14	cps
Sodium	23-2	8978783	8925674	8857952	8920803	0.68	cps
Strontium	86-1	190723	189228	193167	191039	1.04	cps
Strontium	88-1	1669579	1683112	1691545	1681412	0.66	cps
Sulfur	34-1	2453649	2460184	2462835	2458889	0.19	cps
Terbium	159-1	12191648	12034684	11075782	11767371	5.13	cps
Terbium	159-2	3277784	3276778	3286610	3280391	0.16	cps
Thallium	203-1	97977	99304	100463	99248	1.25	cps
Thallium	205-1	232779	236747	241386	236970	1.82	cps
Tin	118-1	290274	287292	293281	290282	1.03	cps
Titanium	47-1	1900918	1904544	1916046	1907169	0.41	cps
Uranium	238-1	802039	805605	817991	808545	1.04	cps
Vanadium	51-2	15622	15372	14741	15245	2.98	cps
Yttrium	89-1	11292512	11141939	10195533	10876661	5.47	cps
Yttrium	89-2	490779	491595	488211	490195	0.36	cps
Zinc	66-2	5338	5334	5541	5404	2.19	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:36:36	DataFile Name :	018ICSB_P8052318-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	623304	628427	633145	628292	0.78	cps
Zirconium	91-1	138709	139063	139897	139223	0.44	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	411732	415343	412773	413283	0.45	cps
Antimony	121-1	4059029	4076535	4041790	4059118	0.43	cps
Arsenic	75-2	63093	63655	63837	63528	0.61	cps
Barium	135-1	4084917	4150036	4064390	4099781	1.09	cps
Barium	137-1	7085951	7066081	7085298	7079110	0.16	cps
Beryllium	9-1	587152	589601	583029	586594	0.57	cps
Bismuth	209-1	6787157	6570291	6761438	6706296	1.77	cps
Bismuth	209-2	2464485	2459085	2418895	2447488	1.02	cps
Boron	10-1	68087	70265	71370	69907	2.39	cps
Boron	11-1	320045	332106	335081	329077	2.42	cps
Cadmium	111-1	863642	863480	864791	863971	0.08	cps
Cadmium	106-1	90562	91996	94170	92243	1.97	cps
Cadmium	108-1	61958	60088	61494	61180	1.59	cps
Calcium	43-1	4925531	4937032	4980974	4947846	0.59	cps
Calcium	44-1	80982089	81108941	81409879	81166970	0.27	cps
Chromium	52-2	562667	565895	565752	564771	0.32	cps
Cobalt	59-2	1078855	1081729	1082234	1080939	0.17	cps
Copper	63-2	1845291	1854190	1831262	1843581	0.63	cps
Dysprosium	156-1	58	92	58	69	27.71	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	100	83	142	108	27.73	cps
Gadolinium	160-2	17	27	17	20	28.86	cps
Holmium	165-1	12109594	11715970	12219221	12014928	2.20	cps
Holmium	165-2	3555914	3501914	3489357	3515728	1.01	cps
Indium	115-1	10286573	10120893	10285271	10230912	0.93	cps
Indium	115-2	630215	628479	627435	628710	0.22	cps
Iron	56-2	89313096	90493963	89489841	89765633	0.71	cps
Iron	57-2	2279150	2293529	2254916	2275865	0.86	cps
Krypton	83-1	443	433	400	426	5.33	cps
Lead	206-1	2122268	2155182	2146855	2141435	0.80	cps
Lead	207-1	1958102	1960875	1984969	1967982	0.75	cps
Lead	208-1	8722459	8777374	8778168	8759334	0.36	cps
Lithium	6-1	2041107	1985113	2053164	2026461	1.79	cps
Magnesium	24-2	9702478	9732249	9726831	9720519	0.16	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	319734	321454	319873	320354	0.30	cps
Molybdenum	94-1	7052636	7130353	7126494	7103161	0.62	cps
Molybdenum	95-1	8685066	8735575	8790330	8736990	0.60	cps
Molybdenum	96-1	9659649	9773483	9758011	9730381	0.63	cps
Molybdenum	97-1	5573365	5590316	5606058	5589913	0.29	cps
Molybdenum	98-1	14052910	14011214	14115385	14059836	0.37	cps
Neodymium	150-1	160	127	187	158	19.06	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	322371	320042	319677	320697	0.46	cps
Phosphorus	31-2	6035	6127	6894	6352	7.42	cps
Potassium	39-2	2920379	2978805	2951253	2950146	0.99	cps
Rhodium	103-1	9875093	9432795	9792570	9700153	2.42	cps
Rhodium	103-2	3387807	3326024	3311307	3341713	1.21	cps
Scandium	45-1	6758436	6573887	6768145	6700156	1.63	cps
Scandium	45-2	78129	78200	76145	77491	1.51	cps
Selenium	77-2	510	447	477	478	6.63	cps
Selenium	78-2	1626	1569	1628	1608	2.10	cps
Selenium	82-1	56103	56299	56853	56418	0.69	cps
Silicon	28-1	2148938	2190071	2188725	2175912	1.07	cps
Silver	109-1	4040235	4045355	4038928	4041506	0.08	cps
Silver	107-1	4193308	4237907	4222932	4218049	0.54	cps
Sodium	23-2	22773095	22824819	22841003	22812972	0.16	cps
Strontium	86-1	1163118	1169256	1160219	1164198	0.40	cps
Strontium	88-1	10014690	10169636	10153982	10112769	0.84	cps
Sulfur	34-1	632818	635413	638560	635597	0.45	cps
Terbium	159-1	12647057	12145295	12603323	12465225	2.23	cps
Terbium	159-2	3491287	3430032	3361309	3427543	1.90	cps
Thallium	203-1	2631240	2694622	2702028	2675964	1.45	cps
Thallium	205-1	6249716	6309755	6380409	6313293	1.04	cps
Tin	118-1	2809038	2802931	2802263	2804744	0.13	cps
Titanium	47-1	2440186	2463706	2442279	2448724	0.53	cps
Uranium	238-1	7943831	7994871	7992495	7977066	0.36	cps
Vanadium	51-2	404124	403817	405650	404530	0.24	cps
Yttrium	89-1	11704711	11209182	11761693	11558529	2.63	cps
Yttrium	89-2	503048	503955	492864	499956	1.23	cps
Zinc	66-2	173586	171418	172308	172438	0.63	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:39:50	DataFile Name :	019CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6081429	6035751	6132716	6083299	0.80	cps
Zirconium	91-1	1317798	1349056	1335466	1334107	1.17	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	67	42	60.00	cps
Antimony	121-1	2517	2734	2525	2592	4.74	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	33	50	67	50	33.34	cps
Barium	137-1	67	83	75	75	11.11	cps
Beryllium	9-1	89	78	111	93	18.33	cps
Bismuth	209-1	7196276	7503366	7361256	7353633	2.09	cps
Bismuth	209-2	2560284	2603479	2602797	2588853	0.96	cps
Boron	10-1	1483	1250	1408	1381	8.63	cps
Boron	11-1	6185	6318	6285	6263	1.11	cps
Cadmium	111-1	1637	1557	1634	1610	2.81	cps
Cadmium	106-1	2300	2175	2284	2253	3.01	cps
Cadmium	108-1	21	4	21	15	62.96	cps
Calcium	43-1	600	742	567	636	14.61	cps
Calcium	44-1	30443	29791	30668	30301	1.50	cps
Chromium	52-2	640	683	667	663	3.29	cps
Cobalt	59-2	60	57	57	58	3.33	cps
Copper	63-2	703	637	720	687	6.42	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	12290765	12407280	12211801	12303282	0.80	cps
Holmium	165-2	3456270	3547423	3461885	3488526	1.46	cps
Indium	115-1	10805318	11090759	10864550	10920209	1.38	cps
Indium	115-2	638899	650002	648968	645956	0.95	cps
Iron	56-2	2656	2589	2934	2726	6.70	cps
Iron	57-2	100	83	83	89	10.82	cps
Krypton	83-1	447	427	433	436	2.34	cps
Lead	206-1	811	650	728	730	11.04	cps
Lead	207-1	533	683	511	576	16.27	cps
Lead	208-1	2934	2811	2745	2830	3.39	cps
Lithium	6-1	2126429	2143216	2132292	2133979	0.40	cps
Magnesium	24-2	258	283	242	261	8.03	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	37	43	42	12.06	cps
Molybdenum	94-1	1083	1075	958	1039	6.73	cps
Molybdenum	95-1	1200	950	975	1042	13.22	cps
Molybdenum	96-1	1167	1150	1217	1178	2.95	cps
Molybdenum	97-1	708	608	567	628	11.60	cps
Molybdenum	98-1	1917	1742	1575	1745	9.79	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	87	87	87	0.00	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3967	3884	3976	3942	1.29	cps
Rhodium	103-1	10442891	10374861	10355624	10391125	0.44	cps
Rhodium	103-2	3507890	3552532	3562150	3540857	0.82	cps
Scandium	45-1	6860474	6844684	6794291	6833150	0.51	cps
Scandium	45-2	75582	76856	76235	76224	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	-52	-46	-4	-34	-77.51	cps
Silicon	28-1	332793	332635	331852	332427	0.15	cps
Silver	109-1	292	367	325	328	11.47	cps
Silver	107-1	450	492	358	433	15.74	cps
Sodium	23-2	12331	12773	12373	12492	1.95	cps
Strontium	86-1	742	675	508	642	18.73	cps
Strontium	88-1	133	167	142	147	11.79	cps
Sulfur	34-1	351995	350620	350192	350936	0.27	cps
Terbium	159-1	12805391	13177277	12996818	12993162	1.43	cps
Terbium	159-2	3378763	3464686	3408413	3417288	1.28	cps
Thallium	203-1	808	700	750	753	7.20	cps
Thallium	205-1	1659	1742	1634	1678	3.38	cps
Tin	118-1	1242	1242	1342	1275	4.53	cps
Titanium	47-1	200	200	192	197	2.44	cps
Uranium	238-1	92	125	100	106	16.44	cps
Vanadium	51-2	40	3	3	16	136.12	cps
Yttrium	89-1	11725818	11884226	11729027	11779690	0.77	cps
Yttrium	89-2	491733	504159	503736	499876	1.41	cps
Zinc	66-2	110	73	143	109	32.16	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:46:20	DataFile Name :	020CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1083	1117	892	1031	11.78	cps
Zirconium	91-1	225	192	267	228	16.50	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	233	200	192	24.21	cps
Antimony	121-1	16861	16127	16811	16600	2.47	cps
Arsenic	75-2	135	139	106	127	14.44	cps
Barium	135-1	14817	14617	14876	14770	0.92	cps
Barium	137-1	25459	26503	25609	25857	2.18	cps
Beryllium	9-1	1106	1217	1095	1139	5.93	cps
Bismuth	209-1	7020632	7048847	7201879	7090452	1.38	cps
Bismuth	209-2	2561977	2542841	2494171	2532996	1.38	cps
Boron	10-1	4226	4301	4159	4229	1.68	cps
Boron	11-1	19689	19439	19581	19570	0.64	cps
Cadmium	111-1	2963	2942	3122	3009	3.27	cps
Cadmium	106-1	2359	2084	2317	2253	6.58	cps
Cadmium	108-1	179	138	125	147	19.27	cps
Calcium	43-1	9754	9670	9971	9798	1.58	cps
Calcium	44-1	177568	178954	178530	178350	0.40	cps
Chromium	52-2	2717	2767	2767	2750	1.05	cps
Cobalt	59-2	2210	2260	2277	2249	1.54	cps
Copper	63-2	4131	4184	4084	4133	1.21	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	83	58	67	21.65	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	11702613	12055378	11962581	11906857	1.54	cps
Holmium	165-2	3458033	3434234	3327098	3406455	2.05	cps
Indium	115-1	10317997	10568528	10588973	10491833	1.44	cps
Indium	115-2	638100	631626	625255	631660	1.02	cps
Iron	56-2	36955	36916	37690	37187	1.17	cps
Iron	57-2	978	1111	1095	1061	6.85	cps
Krypton	83-1	367	400	400	389	4.95	cps
Lead	206-1	4879	4790	4729	4799	1.57	cps
Lead	207-1	4112	4056	4218	4129	1.98	cps
Lead	208-1	19051	18701	18917	18889	0.94	cps
Lithium	6-1	2038726	2103283	2098088	2080033	1.72	cps
Magnesium	24-2	18755	19289	19163	19069	1.46	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	417	357	407	393	8.17	cps
Molybdenum	94-1	14375	14391	14608	14458	0.90	cps
Molybdenum	95-1	15551	17211	16953	16572	5.39	cps
Molybdenum	96-1	18129	18597	19089	18605	2.58	cps
Molybdenum	97-1	10313	10421	9687	10140	3.91	cps
Molybdenum	98-1	26886	26936	26452	26758	0.99	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	723	687	740	717	3.81	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	14641	15167	14992	14934	1.79	cps
Rhodium	103-1	9936097	10159739	10141637	10079158	1.23	cps
Rhodium	103-2	3477047	3456922	3382303	3438757	1.45	cps
Scandium	45-1	6569628	6670432	6701214	6647091	1.04	cps
Scandium	45-2	75743	75411	74366	75173	0.96	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	13	15	22	17	29.41	cps
Selenium	82-1	606	532	569	569	6.51	cps
Silicon	28-1	408877	406879	407421	407726	0.25	cps
Silver	109-1	7644	8386	8211	8081	4.80	cps
Silver	107-1	8520	8361	8286	8389	1.42	cps
Sodium	23-2	56136	54949	54155	55080	1.81	cps
Strontium	86-1	2875	3017	2775	2889	4.20	cps
Strontium	88-1	18755	18964	18271	18664	1.90	cps
Sulfur	34-1	354196	359025	360991	358071	0.98	cps
Terbium	159-1	12444507	12572191	12492043	12502914	0.52	cps
Terbium	159-2	3411849	3360746	3346352	3372982	1.02	cps
Thallium	203-1	6093	5468	5718	5760	5.46	cps
Thallium	205-1	13975	13499	13758	13744	1.73	cps
Tin	118-1	26703	27062	26661	26808	0.82	cps
Titanium	47-1	4743	4618	4568	4643	1.94	cps
Uranium	238-1	15135	14709	14801	14882	1.51	cps
Vanadium	51-2	3671	3667	3704	3681	0.55	cps
Yttrium	89-1	11187085	11478722	11483517	11383108	1.49	cps
Yttrium	89-2	492227	489592	479565	487128	1.37	cps
Zinc	66-2	370	410	393	391	5.14	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:49:40	DataFile Name :	021SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14625	14066	14266	14319	1.98	cps
Zirconium	91-1	3025	3059	3167	3084	2.40	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	58	28	96.44	cps
Antimony	121-1	858	933	883	892	4.28	cps
Arsenic	75-2	7	11	6	8	35.21	cps
Barium	135-1	83	33	42	53	50.76	cps
Barium	137-1	83	125	83	97	24.74	cps
Beryllium	9-1	67	61	128	85	43.42	cps
Bismuth	209-1	7130313	7194157	7194204	7172891	0.51	cps
Bismuth	209-2	2373115	2496116	2514163	2461131	3.12	cps
Boron	10-1	1150	958	942	1017	11.39	cps
Boron	11-1	4668	4659	5018	4782	4.28	cps
Cadmium	111-1	1403	1376	1600	1460	8.38	cps
Cadmium	106-1	1975	1950	2259	2061	8.31	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	625	583	500	569	11.18	cps
Calcium	44-1	28321	28990	29925	29079	2.77	cps
Chromium	52-2	723	673	713	703	3.76	cps
Cobalt	59-2	63	50	53	56	12.49	cps
Copper	63-2	583	583	587	584	0.33	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	83	67	108	86	24.35	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	11820599	12045802	11809364	11891922	1.12	cps
Holmium	165-2	3232957	3416140	3436817	3361972	3.34	cps
Indium	115-1	10498655	10731789	10642718	10624387	1.11	cps
Indium	115-2	591737	639780	633702	621739	4.21	cps
Iron	56-2	2222	2228	2250	2234	0.66	cps
Iron	57-2	67	61	67	65	4.95	cps
Krypton	83-1	380	383	453	406	10.21	cps
Lead	206-1	522	578	522	541	5.93	cps
Lead	207-1	456	361	489	435	15.23	cps
Lead	208-1	2150	1989	2156	2098	4.51	cps
Lithium	6-1	2081142	2118167	2132955	2110754	1.26	cps
Magnesium	24-2	183	175	192	183	4.55	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	67	40	52	25.80	cps
Molybdenum	94-1	525	733	475	578	23.72	cps
Molybdenum	95-1	308	442	383	378	17.69	cps
Molybdenum	96-1	492	467	358	439	16.15	cps
Molybdenum	97-1	308	275	392	325	18.49	cps
Molybdenum	98-1	583	700	550	611	12.89	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	77	57	68	15.02	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3917	3601	3817	3778	4.29	cps
Rhodium	103-1	10105635	10187716	10130425	10141259	0.42	cps
Rhodium	103-2	3245163	3538841	3455875	3413293	4.44	cps
Scandium	45-1	6727519	6843525	6659841	6743628	1.38	cps
Scandium	45-2	70063	76477	74818	73786	4.51	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	1	-20	-67	-29	-122.12	cps
Silicon	28-1	345633	348456	348962	347684	0.52	cps
Silver	109-1	158	183	117	153	22.04	cps
Silver	107-1	175	133	200	169	19.88	cps
Sodium	23-2	11680	11622	11330	11544	1.63	cps
Strontium	86-1	658	517	592	589	12.04	cps
Strontium	88-1	183	225	125	178	28.25	cps
Sulfur	34-1	362529	360031	361210	361257	0.35	cps
Terbium	159-1	12381169	12503966	12597033	12494056	0.87	cps
Terbium	159-2	3083082	3358117	3338586	3259928	4.71	cps
Thallium	203-1	525	600	483	536	11.03	cps
Thallium	205-1	1225	1308	1142	1225	6.80	cps
Tin	118-1	1350	1634	1433	1472	9.89	cps
Titanium	47-1	250	142	183	192	28.51	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	20	13	13	16	24.76	cps
Yttrium	89-1	11391530	11750144	11445809	11529161	1.68	cps
Yttrium	89-2	456643	496244	486655	479847	4.31	cps
Zinc	66-2	90	83	77	83	8.00	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:53:00	DataFile Name :	022CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	867	975	933	925	5.91	cps
Zirconium	91-1	225	183	250	219	15.34	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	242	425	319	29.67	cps
Antimony	121-1	29600	30285	29258	29715	1.76	cps
Arsenic	75-2	274	231	248	251	8.54	cps
Barium	135-1	29183	29609	29484	29426	0.74	cps
Barium	137-1	50840	52054	51100	51331	1.24	cps
Beryllium	9-1	2228	2111	2256	2198	3.49	cps
Bismuth	209-1	6985896	7303143	7140388	7143143	2.22	cps
Bismuth	209-2	2565696	2526950	2516704	2536450	1.02	cps
Boron	10-1	6360	6677	7419	6819	7.97	cps
Boron	11-1	32087	32814	33808	32903	2.63	cps
Cadmium	111-1	4957	4969	4629	4852	3.97	cps
Cadmium	106-1	2384	2600	2309	2431	6.23	cps
Cadmium	108-1	196	229	208	211	7.98	cps
Calcium	43-1	19030	18129	19664	18941	4.07	cps
Calcium	44-1	324586	321552	324386	323508	0.52	cps
Chromium	52-2	5181	4728	5148	5019	5.04	cps
Cobalt	59-2	4204	4367	4197	4256	2.26	cps
Copper	63-2	7869	7485	7816	7723	2.69	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	83	75	33	64	41.93	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	58	83	83	75	19.24	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	11768738	12157994	11940952	11955895	1.63	cps
Holmium	165-2	3445667	3461414	3418645	3441909	0.63	cps
Indium	115-1	10558059	10658526	10641791	10619459	0.51	cps
Indium	115-2	641673	632843	638291	637603	0.70	cps
Iron	56-2	261395	261978	260723	261365	0.24	cps
Iron	57-2	6663	6479	6613	6585	1.44	cps
Krypton	83-1	377	357	400	378	5.74	cps
Lead	206-1	8648	8264	8281	8397	2.58	cps
Lead	207-1	7597	8086	7714	7799	3.28	cps
Lead	208-1	34736	34925	34392	34684	0.78	cps
Lithium	6-1	2088145	2108197	2153886	2116743	1.59	cps
Magnesium	24-2	38202	36147	37442	37264	2.79	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637	667	637	647	2.68	cps
Molybdenum	94-1	26652	26660	26711	26674	0.12	cps
Molybdenum	95-1	32866	32022	31797	32228	1.75	cps
Molybdenum	96-1	35781	35824	35356	35654	0.73	cps
Molybdenum	97-1	20216	19715	20249	20060	1.49	cps
Molybdenum	98-1	51190	50286	49926	50468	1.29	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1373	1490	1367	1410	4.92	cps
Phosphorus	31-2	8	17	42	22	78.07	cps
Potassium	39-2	24873	25657	26067	25532	2.38	cps
Rhodium	103-1	10049795	10322387	10219754	10197312	1.35	cps
Rhodium	103-2	3522201	3452851	3506426	3493826	1.04	cps
Scandium	45-1	6648519	6754396	6786236	6729717	1.07	cps
Scandium	45-2	75998	75224	75525	75582	0.52	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	57	39	37	44	25.34	cps
Selenium	82-1	1106	1084	996	1062	5.47	cps
Silicon	28-1	454938	450308	454582	453276	0.57	cps
Silver	109-1	15668	15201	15852	15574	2.15	cps
Silver	107-1	17036	16594	16127	16586	2.74	cps
Sodium	23-2	98355	97828	96192	97458	1.16	cps
Strontium	86-1	4609	4776	4951	4779	3.58	cps
Strontium	88-1	36500	36834	35748	36360	1.53	cps
Sulfur	34-1	365278	363428	363204	363970	0.31	cps
Terbium	159-1	12329830	12752211	12616231	12566091	1.72	cps
Terbium	159-2	3387612	3363695	3365584	3372297	0.39	cps
Thallium	203-1	10013	10888	10330	10410	4.26	cps
Thallium	205-1	24909	24433	23523	24288	2.90	cps
Tin	118-1	53014	53399	51877	52764	1.50	cps
Titanium	47-1	9270	8853	9395	9173	3.09	cps
Uranium	238-1	29219	29845	28893	29319	1.65	cps
Vanadium	51-2	7342	6875	7115	7111	3.28	cps
Yttrium	89-1	11603761	11442550	11374643	11473651	1.03	cps
Yttrium	89-2	498220	488011	490725	492319	1.07	cps
Zinc	66-2	797	850	850	832	3.70	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:56:21	DataFile Name :	023LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24523	23580	24147	24083	1.97	cps
Zirconium	91-1	5501	5651	5451	5535	1.88	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.63	cps
Antimony	121-1	592	583	525	567	6.41	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	42	25	58	42	40.00	cps
Barium	137-1	67	125	33	75	61.87	cps
Beryllium	9-1	72	72	50	65	19.79	cps
Bismuth	209-1	6945699	7276047	7115046	7112264	2.32	cps
Bismuth	209-2	2557809	2489222	2504876	2517302	1.43	cps
Boron	10-1	1108	867	933	970	12.88	cps
Boron	11-1	4784	4934	4593	4770	3.59	cps
Cadmium	111-1	1538	1459	1556	1518	3.38	cps
Cadmium	106-1	2192	2067	2217	2159	3.72	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	800	542	583	642	21.62	cps
Calcium	44-1	28063	28246	28472	28260	0.72	cps
Chromium	52-2	690	620	650	653	5.38	cps
Cobalt	59-2	93	87	80	87	7.70	cps
Copper	63-2	603	593	587	594	1.41	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	10	20	0	10	100.00	cps
Holmium	165-1	11699450	11871254	11924067	11831590	0.99	cps
Holmium	165-2	3453877	3300828	3453046	3402584	2.59	cps
Indium	115-1	10374723	10666415	10444120	10495086	1.45	cps
Indium	115-2	636625	615654	632053	628111	1.76	cps
Iron	56-2	2034	2056	2000	2030	1.38	cps
Iron	57-2	61	39	94	65	43.14	cps
Krypton	83-1	400	357	460	406	12.80	cps
Lead	206-1	472	411	422	435	7.48	cps
Lead	207-1	361	400	350	370	7.09	cps
Lead	208-1	1806	1750	1633	1730	5.08	cps
Lithium	6-1	2058499	2130816	2140804	2110039	2.13	cps
Magnesium	24-2	242	275	317	278	13.53	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	53	70	53	31.25	cps
Molybdenum	94-1	500	442	375	439	14.25	cps
Molybdenum	95-1	267	242	250	253	5.04	cps
Molybdenum	96-1	392	283	375	350	16.67	cps
Molybdenum	97-1	150	250	158	186	29.81	cps
Molybdenum	98-1	383	408	450	414	8.14	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	80	107	70	86	22.16	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3967	3867	3476	3770	6.89	cps
Rhodium	103-1	10021881	10212139	10021986	10085335	1.09	cps
Rhodium	103-2	3527363	3312098	3452573	3430678	3.19	cps
Scandium	45-1	6651509	6747416	6589013	6662646	1.20	cps
Scandium	45-2	76256	72738	75800	74931	2.55	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-30	5	-54	-26	-113.27	cps
Silicon	28-1	348522	346470	347851	347614	0.30	cps
Silver	109-1	117	167	142	142	17.65	cps
Silver	107-1	158	150	158	156	3.09	cps
Sodium	23-2	10438	11155	11263	10952	4.10	cps
Strontium	86-1	758	642	683	694	8.51	cps
Strontium	88-1	125	225	117	156	38.75	cps
Sulfur	34-1	365666	367082	365927	366225	0.21	cps
Terbium	159-1	12326356	12500776	12384653	12403929	0.72	cps
Terbium	159-2	3356813	3243549	3357642	3319335	1.98	cps
Thallium	203-1	375	358	450	394	12.38	cps
Thallium	205-1	1158	983	1042	1061	8.40	cps
Tin	118-1	1358	1600	4417	2459	69.17	cps
Titanium	47-1	150	125	142	139	9.16	cps
Uranium	238-1	17	42	58	39	53.93	cps
Vanadium	51-2	23	20	10	18	39.03	cps
Yttrium	89-1	11257389	11620321	11447294	11441668	1.59	cps
Yttrium	89-2	492225	475135	487990	485117	1.83	cps
Zinc	66-2	93	83	107	94	12.39	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 13:59:40	DataFile Name :	024CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1025	742	800	856	17.49	cps
Zirconium	91-1	208	183	183	192	7.53	cps

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P8
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 14:03:01 DataFile Name : 025LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	267	258	306	24.44	cps
Antimony	121-1	30686	30344	30227	30419	0.79	cps
Arsenic	75-2	226	259	224	236	8.37	cps
Barium	135-1	29417	29760	30085	29754	1.12	cps
Barium	137-1	51953	52598	52439	52330	0.64	cps
Beryllium	9-1	2334	2378	2234	2315	3.20	cps
Bismuth	209-1	7168732	7119836	7138481	7142350	0.35	cps
Bismuth	209-2	2583860	2537432	2443549	2521614	2.83	cps
Boron	10-1	6610	7436	7035	7027	5.87	cps
Boron	11-1	31970	33089	33974	33011	3.04	cps
Cadmium	111-1	4830	4934	4569	4778	3.93	cps
Cadmium	106-1	2450	2609	2425	2495	3.99	cps
Cadmium	108-1	271	246	238	251	6.90	cps
Calcium	43-1	19072	19105	18254	18811	2.56	cps
Calcium	44-1	326749	325733	324462	325648	0.35	cps
Chromium	52-2	5164	4814	4781	4920	4.32	cps
Cobalt	59-2	4254	4381	4387	4341	1.73	cps
Copper	63-2	7636	7979	7659	7758	2.47	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	50	92	92	78	30.93	cps
Gadolinium	160-2	27	23	17	22	22.91	cps
Holmium	165-1	11856669	12093273	11957207	11969050	0.99	cps
Holmium	165-2	3508698	3426877	3311756	3415777	2.90	cps
Indium	115-1	10512601	10590743	10591352	10564899	0.43	cps
Indium	115-2	643813	630474	622388	632225	1.71	cps
Iron	56-2	266932	267187	265177	266432	0.41	cps
Iron	57-2	6885	6735	6907	6843	1.37	cps
Krypton	83-1	373	337	400	370	8.59	cps
Lead	206-1	8397	8470	8681	8516	1.73	cps
Lead	207-1	7447	7330	7675	7484	2.34	cps
Lead	208-1	34303	34553	34992	34616	1.01	cps
Lithium	6-1	2072949	2121598	2157355	2117301	2.00	cps
Magnesium	24-2	36532	38002	38152	37562	2.38	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:03:01	DataFile Name :	025LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	633	597	657	629	4.81	cps
Molybdenum	94-1	26209	27128	27128	26822	1.98	cps
Molybdenum	95-1	31688	32381	32147	32072	1.10	cps
Molybdenum	96-1	35189	35481	34436	35035	1.54	cps
Molybdenum	97-1	20116	19999	20316	20144	0.80	cps
Molybdenum	98-1	51850	50914	52167	51644	1.26	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1390	1370	1417	1392	1.68	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	25516	25858	27311	26228	3.63	cps
Rhodium	103-1	10111998	10120149	10197298	10143148	0.46	cps
Rhodium	103-2	3530954	3459968	3382271	3457731	2.15	cps
Scandium	45-1	6648527	6786622	6739471	6724874	1.04	cps
Scandium	45-2	75669	73679	73444	74264	1.65	cps
Selenium	77-2	10	13	13	12	15.73	cps
Selenium	78-2	31	30	24	28	13.58	cps
Selenium	82-1	1111	1170	1085	1122	3.86	cps
Silicon	28-1	456676	457858	456244	456926	0.18	cps
Silver	109-1	15385	16052	15443	15626	2.36	cps
Silver	107-1	16577	17120	15935	16544	3.59	cps
Sodium	23-2	99513	99790	98112	99139	0.91	cps
Strontium	86-1	4868	5243	5268	5126	4.37	cps
Strontium	88-1	37319	36826	36651	36932	0.94	cps
Sulfur	34-1	366197	366299	370976	367824	0.74	cps
Terbium	159-1	12342476	12602676	12513609	12486254	1.06	cps
Terbium	159-2	3394229	3349357	3223289	3322292	2.67	cps
Thallium	203-1	10480	10088	10280	10282	1.91	cps
Thallium	205-1	25769	24800	23957	24842	3.65	cps
Tin	118-1	52713	52154	51299	52055	1.37	cps
Titanium	47-1	10012	9537	9429	9659	3.21	cps
Uranium	238-1	29219	29678	29018	29305	1.15	cps
Vanadium	51-2	7559	7522	7245	7442	2.30	cps
Yttrium	89-1	11371473	11613309	11409399	11464727	1.13	cps
Yttrium	89-2	497765	488622	477307	487898	2.10	cps
Zinc	66-2	860	733	750	781	8.81	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:03:01	DataFile Name :	025LCSE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23989	23897	23747	23877	0.51	cps
Zirconium	91-1	4918	5143	4743	4934	4.07	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	92	83	10.00	cps
Antimony	121-1	2134	2309	2150	2198	4.40	cps
Arsenic	75-2	37	48	33	40	19.52	cps
Barium	135-1	2117	1759	2050	1975	9.65	cps
Barium	137-1	3501	3726	2909	3378	12.49	cps
Beryllium	9-1	411	339	344	365	11.02	cps
Bismuth	209-1	7015441	6982612	7043503	7013852	0.43	cps
Bismuth	209-2	2501609	2517476	2374678	2464588	3.18	cps
Boron	10-1	733	783	558	692	17.08	cps
Boron	11-1	3642	3751	3559	3651	2.63	cps
Cadmium	111-1	1823	1821	1787	1810	1.12	cps
Cadmium	106-1	2042	2084	1967	2031	2.91	cps
Cadmium	108-1	33	71	33	46	47.25	cps
Calcium	43-1	1133	1225	983	1114	10.95	cps
Calcium	44-1	35989	35538	35479	35669	0.78	cps
Chromium	52-2	930	970	893	931	4.12	cps
Cobalt	59-2	640	613	583	612	4.63	cps
Copper	63-2	1493	1627	1503	1541	4.82	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	42	92	69	36.66	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	11924929	11631511	11881295	11812578	1.34	cps
Holmium	165-2	3375977	3414557	3218873	3336469	3.11	cps
Indium	115-1	10541829	10446269	10446325	10478141	0.53	cps
Indium	115-2	625162	632256	607946	621788	2.01	cps
Iron	56-2	11372	11094	11121	11196	1.37	cps
Iron	57-2	322	344	267	311	12.88	cps
Krypton	83-1	417	473	430	440	6.73	cps
Lead	206-1	1400	1500	1606	1502	6.84	cps
Lead	207-1	1295	1328	1211	1278	4.70	cps
Lead	208-1	5834	5956	5812	5867	1.33	cps
Lithium	6-1	2113246	2113863	2120496	2115868	0.19	cps
Magnesium	24-2	1308	1358	1217	1295	5.55	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	250	190	203	20.48	cps
Molybdenum	94-1	3592	3759	3434	3595	4.52	cps
Molybdenum	95-1	4518	4501	4293	4437	2.83	cps
Molybdenum	96-1	5243	4826	4734	4934	5.49	cps
Molybdenum	97-1	2909	3009	2642	2853	6.64	cps
Molybdenum	98-1	7486	7202	7161	7283	2.43	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	230	267	197	231	15.15	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4059	3859	4209	4042	4.35	cps
Rhodium	103-1	10099198	9982544	10164072	10081938	0.91	cps
Rhodium	103-2	3458953	3471350	3335610	3421971	2.19	cps
Scandium	45-1	6818681	6646218	6663805	6709568	1.41	cps
Scandium	45-2	74594	75384	73107	74362	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	2	7	7	75.00	cps
Selenium	82-1	186	139	240	188	26.93	cps
Silicon	28-1	352806	349543	350326	350892	0.49	cps
Silver	109-1	1934	2300	2042	2092	9.01	cps
Silver	107-1	2200	2200	2209	2203	0.22	cps
Sodium	23-2	13290	13165	13282	13246	0.53	cps
Strontium	86-1	1033	958	1083	1025	6.14	cps
Strontium	88-1	4968	5210	4893	5023	3.29	cps
Sulfur	34-1	371722	374327	366629	370893	1.06	cps
Terbium	159-1	12403216	12366375	12405638	12391743	0.18	cps
Terbium	159-2	3311189	3318922	3149330	3259814	2.94	cps
Thallium	203-1	1575	1525	1750	1617	7.31	cps
Thallium	205-1	3792	3826	4026	3881	3.25	cps
Tin	118-1	2859	2659	2634	2717	4.54	cps
Titanium	47-1	1258	1458	1358	1358	7.36	cps
Uranium	238-1	3659	3776	3967	3801	4.10	cps
Vanadium	51-2	247	140	150	179	32.93	cps
Yttrium	89-1	11330923	11175387	11457704	11321338	1.25	cps
Yttrium	89-2	482332	488632	468473	479812	2.15	cps
Zinc	66-2	140	140	190	157	18.43	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:08:56	DataFile Name :	026SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3317	3451	3359	3376	2.02	cps
Zirconium	91-1	758	817	725	767	6.05	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	83	69	24.98	cps
Antimony	121-1	2192	2117	2142	2150	1.78	cps
Arsenic	75-2	50	43	41	44	11.03	cps
Barium	135-1	1892	1900	1959	1917	1.89	cps
Barium	137-1	3534	3159	3484	3392	6.00	cps
Beryllium	9-1	411	389	372	391	4.99	cps
Bismuth	209-1	7119413	6874320	6997620	6997118	1.75	cps
Bismuth	209-2	2454044	2550574	2503613	2502744	1.93	cps
Boron	10-1	742	617	667	675	9.32	cps
Boron	11-1	2900	2959	3017	2959	1.97	cps
Cadmium	111-1	1917	1762	1894	1858	4.52	cps
Cadmium	106-1	2267	1859	2309	2145	11.60	cps
Cadmium	108-1	46	8	67	40	73.40	cps
Calcium	43-1	1233	1200	1017	1150	10.15	cps
Calcium	44-1	36607	34854	34786	35416	2.92	cps
Chromium	52-2	950	907	923	927	2.36	cps
Cobalt	59-2	670	593	550	604	10.05	cps
Copper	63-2	1587	1453	1430	1490	5.67	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	100	67	75	81	21.53	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	11929872	11783887	11920838	11878199	0.69	cps
Holmium	165-2	3301199	3400079	3437053	3379444	2.08	cps
Indium	115-1	10524884	10342049	10451689	10439540	0.88	cps
Indium	115-2	622006	637101	636230	631779	1.34	cps
Iron	56-2	11294	10799	10982	11025	2.27	cps
Iron	57-2	267	222	311	267	16.67	cps
Krypton	83-1	383	423	397	401	5.08	cps
Lead	206-1	1300	1478	1256	1345	8.75	cps
Lead	207-1	1333	1311	1128	1258	8.97	cps
Lead	208-1	5706	6179	5323	5736	7.47	cps
Lithium	6-1	2118135	2089647	2146724	2118169	1.35	cps
Magnesium	24-2	1442	1267	1458	1389	7.65	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	223	210	211	5.54	cps
Molybdenum	94-1	3717	3642	3801	3720	2.13	cps
Molybdenum	95-1	4192	3851	4218	4087	5.01	cps
Molybdenum	96-1	4601	4743	4709	4684	1.58	cps
Molybdenum	97-1	2917	2642	2500	2687	7.89	cps
Molybdenum	98-1	6710	7202	6769	6894	3.90	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	230	253	236	6.69	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3884	4001	3992	3959	1.64	cps
Rhodium	103-1	10203104	10051594	10111924	10122207	0.75	cps
Rhodium	103-2	3417999	3531830	3454240	3468023	1.68	cps
Scandium	45-1	6719708	6521830	6709445	6650328	1.68	cps
Scandium	45-2	73582	76446	76172	75400	2.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	261	258	182	234	19.09	cps
Silicon	28-1	350923	350018	352197	351046	0.31	cps
Silver	109-1	2067	2275	2134	2159	4.93	cps
Silver	107-1	2259	2234	2284	2259	1.11	cps
Sodium	23-2	12631	13006	12923	12853	1.53	cps
Strontium	86-1	1125	1058	1150	1111	4.26	cps
Strontium	88-1	4943	5118	4768	4943	3.54	cps
Sulfur	34-1	373272	373428	368927	371875	0.69	cps
Terbium	159-1	12373739	12146796	12369246	12296594	1.06	cps
Terbium	159-2	3235375	3279385	3342706	3285822	1.64	cps
Thallium	203-1	1642	1667	1542	1617	4.09	cps
Thallium	205-1	3484	3976	3742	3734	6.59	cps
Tin	118-1	2692	2275	2584	2517	8.59	cps
Titanium	47-1	1400	1292	1358	1350	4.05	cps
Uranium	238-1	3984	3659	3509	3717	6.53	cps
Vanadium	51-2	227	230	213	223	3.95	cps
Yttrium	89-1	11410637	11321731	11371820	11368062	0.39	cps
Yttrium	89-2	482541	494300	494292	490378	1.38	cps
Zinc	66-2	190	133	137	153	20.74	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:12:16	DataFile Name :	027SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3526	3384	2942	3284	9.27	cps
Zirconium	91-1	683	742	683	703	4.79	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	67	100	94	26.96	cps
Antimony	121-1	2117	2150	2075	2114	1.78	cps
Arsenic	75-2	46	33	33	38	19.89	cps
Barium	135-1	1934	1942	1934	1936	0.25	cps
Barium	137-1	3459	3626	3542	3542	2.35	cps
Beryllium	9-1	383	333	344	354	7.42	cps
Bismuth	209-1	7159445	6955198	7036946	7050530	1.46	cps
Bismuth	209-2	2460867	2490393	2493781	2481681	0.73	cps
Boron	10-1	625	567	692	628	9.96	cps
Boron	11-1	2709	2975	2792	2825	4.83	cps
Cadmium	111-1	1975	1921	1956	1950	1.41	cps
Cadmium	106-1	2259	2084	2217	2186	4.18	cps
Cadmium	108-1	21	13	42	25	60.10	cps
Calcium	43-1	1083	1033	1242	1120	9.72	cps
Calcium	44-1	34694	35078	35387	35053	0.99	cps
Chromium	52-2	957	1010	997	988	2.81	cps
Cobalt	59-2	590	670	667	642	7.05	cps
Copper	63-2	1420	1613	1563	1532	6.55	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	42	75	8	42	80.00	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	11996241	11613155	11671054	11760150	1.76	cps
Holmium	165-2	3359040	3397732	3392341	3383038	0.62	cps
Indium	115-1	10613315	10391886	10358199	10454466	1.33	cps
Indium	115-2	620936	634975	632570	629494	1.19	cps
Iron	56-2	11705	11889	11533	11709	1.52	cps
Iron	57-2	244	278	267	263	6.46	cps
Krypton	83-1	383	437	393	404	7.01	cps
Lead	206-1	1567	1478	1328	1458	8.28	cps
Lead	207-1	1372	1389	1272	1345	4.69	cps
Lead	208-1	6106	5828	5590	5841	4.43	cps
Lithium	6-1	2151619	2103563	2110343	2121842	1.23	cps
Magnesium	24-2	1317	1192	1167	1225	6.56	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	197	247	214	13.03	cps
Molybdenum	94-1	3876	3667	3676	3740	3.16	cps
Molybdenum	95-1	4176	4634	4476	4429	5.26	cps
Molybdenum	96-1	5001	4993	4826	4940	2.00	cps
Molybdenum	97-1	2967	2775	3134	2959	6.06	cps
Molybdenum	98-1	7486	7202	7019	7236	3.25	cps
Neodymium	150-1	33	7	0	13	132.28	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	233	320	290	281	15.66	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	4318	3817	3876	4004	6.83	cps
Rhodium	103-1	10114575	10121653	10025720	10087316	0.53	cps
Rhodium	103-2	3385509	3530505	3459338	3458451	2.10	cps
Scandium	45-1	6704926	6726713	6679436	6703692	0.35	cps
Scandium	45-2	74443	76627	75887	75653	1.47	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	9	19	6	11	60.07	cps
Selenium	82-1	273	260	199	244	16.16	cps
Silicon	28-1	350054	357272	350974	352767	1.11	cps
Silver	109-1	2075	2225	2367	2223	6.56	cps
Silver	107-1	2459	2325	2225	2336	5.01	cps
Sodium	23-2	13549	13257	12923	13243	2.36	cps
Strontium	86-1	1308	1350	1233	1297	4.56	cps
Strontium	88-1	5301	4943	5335	5193	4.18	cps
Sulfur	34-1	375730	374103	374033	374622	0.26	cps
Terbium	159-1	12494114	12417156	12163365	12358212	1.40	cps
Terbium	159-2	3238667	3307235	3295260	3280387	1.12	cps
Thallium	203-1	1825	1650	1725	1734	5.07	cps
Thallium	205-1	4159	4101	3776	4012	5.15	cps
Tin	118-1	2700	2559	2667	2642	2.80	cps
Titanium	47-1	1283	1275	1483	1347	8.75	cps
Uranium	238-1	3992	3943	3717	3884	3.77	cps
Vanadium	51-2	187	233	193	204	12.35	cps
Yttrium	89-1	11500533	11275169	11268869	11348190	1.16	cps
Yttrium	89-2	479149	494998	488041	487396	1.63	cps
Zinc	66-2	113	163	183	153	23.51	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:15:36	DataFile Name :	028SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3426	3042	3434	3301	6.78	cps
Zirconium	91-1	658	717	658	678	4.97	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	50	64	27.15	cps
Antimony	121-1	1975	2259	2059	2097	6.94	cps
Arsenic	75-2	43	26	31	33	25.45	cps
Barium	135-1	2134	2142	1892	2056	6.91	cps
Barium	137-1	3717	3867	3659	3748	2.87	cps
Beryllium	9-1	350	356	333	346	3.34	cps
Bismuth	209-1	6734954	6804272	6981623	6840283	1.86	cps
Bismuth	209-2	2497855	2512124	2488547	2499509	0.48	cps
Boron	10-1	617	617	658	631	3.81	cps
Boron	11-1	2642	2784	2600	2675	3.59	cps
Cadmium	111-1	1656	1792	1835	1761	5.31	cps
Cadmium	106-1	1750	2025	2134	1970	10.03	cps
Cadmium	108-1	33	67	42	47	36.74	cps
Calcium	43-1	1025	1192	1033	1083	8.67	cps
Calcium	44-1	34301	34243	34786	34443	0.87	cps
Chromium	52-2	920	927	937	928	0.90	cps
Cobalt	59-2	570	737	650	652	12.78	cps
Copper	63-2	1523	1567	1430	1507	4.64	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	11485891	11573568	11733895	11597785	1.08	cps
Holmium	165-2	3430348	3418184	3397586	3415373	0.48	cps
Indium	115-1	10023311	10329002	10578310	10310208	2.70	cps
Indium	115-2	630806	645504	631601	635970	1.30	cps
Iron	56-2	11422	11727	11038	11396	3.03	cps
Iron	57-2	250	356	356	320	19.02	cps
Krypton	83-1	377	383	353	371	4.25	cps
Lead	206-1	1245	1350	1406	1333	6.14	cps
Lead	207-1	1322	1278	1322	1308	1.96	cps
Lead	208-1	5562	5423	5662	5549	2.16	cps
Lithium	6-1	2050338	2085172	2133088	2089533	1.99	cps
Magnesium	24-2	1325	1175	1400	1300	8.81	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	173	193	182	5.59	cps
Molybdenum	94-1	3834	3559	3642	3678	3.83	cps
Molybdenum	95-1	4218	4443	4509	4390	3.48	cps
Molybdenum	96-1	4943	4809	4826	4859	1.50	cps
Molybdenum	97-1	2834	3059	2800	2898	4.85	cps
Molybdenum	98-1	6218	7277	6877	6791	7.87	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	250	290	264	8.39	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	3634	4184	4134	3984	7.64	cps
Rhodium	103-1	9796704	9834768	10085703	9905725	1.59	cps
Rhodium	103-2	3452124	3539301	3432160	3474528	1.64	cps
Scandium	45-1	6557375	6609313	6782196	6649628	1.77	cps
Scandium	45-2	75032	76725	75920	75893	1.12	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	6	9	9	8	26.61	cps
Selenium	82-1	242	285	315	280	13.04	cps
Silicon	28-1	353060	357063	354300	354807	0.58	cps
Silver	109-1	2242	2234	2092	2189	3.85	cps
Silver	107-1	2392	2309	2225	2309	3.61	cps
Sodium	23-2	12898	12798	12506	12734	1.60	cps
Strontium	86-1	1025	1233	1117	1125	9.28	cps
Strontium	88-1	4809	5126	4809	4915	3.72	cps
Sulfur	34-1	380810	376848	376417	378025	0.64	cps
Terbium	159-1	11932455	12073519	12157305	12054426	0.94	cps
Terbium	159-2	3348583	3345457	3343347	3345796	0.08	cps
Thallium	203-1	1534	1542	1634	1570	3.54	cps
Thallium	205-1	3926	3834	3526	3762	5.57	cps
Tin	118-1	2509	2675	2950	2712	8.23	cps
Titanium	47-1	1392	1317	1183	1297	8.14	cps
Uranium	238-1	3876	3884	3542	3767	5.17	cps
Vanadium	51-2	230	223	240	231	3.63	cps
Yttrium	89-1	11093445	11061393	11419353	11191397	1.77	cps
Yttrium	89-2	488055	495727	489643	491142	0.82	cps
Zinc	66-2	153	153	137	148	6.51	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:18:57	DataFile Name :	029SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3000	3392	3492	3295	7.89	cps
Zirconium	91-1	708	658	675	681	3.74	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:22:16	DataFile Name :	030SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	75	81	21.54	cps
Antimony	121-1	2067	2009	1875	1984	4.95	cps
Arsenic	75-2	43	31	44	40	17.75	cps
Barium	135-1	2059	1784	1959	1934	7.20	cps
Barium	137-1	3476	3459	3376	3437	1.56	cps
Beryllium	9-1	356	267	350	324	15.36	cps
Bismuth	209-1	6993924	6838926	6651604	6828151	2.51	cps
Bismuth	209-2	2485029	2499586	2498092	2494236	0.32	cps
Boron	10-1	692	633	567	631	9.92	cps
Boron	11-1	2550	2300	2484	2445	5.30	cps
Cadmium	111-1	1833	1816	1864	1838	1.31	cps
Cadmium	106-1	1992	2017	2009	2006	0.63	cps
Cadmium	108-1	46	29	54	43	29.56	cps
Calcium	43-1	983	1075	1150	1070	7.81	cps
Calcium	44-1	35128	36399	34978	35502	2.20	cps
Chromium	52-2	917	930	970	939	2.96	cps
Cobalt	59-2	640	593	630	621	3.96	cps
Copper	63-2	1570	1407	1427	1468	6.07	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	11832265	11559503	11069223	11486997	3.37	cps
Holmium	165-2	3437850	3459021	3417140	3438004	0.61	cps
Indium	115-1	10437349	10223494	9836132	10165658	3.00	cps
Indium	115-2	635816	644366	635750	638644	0.78	cps
Iron	56-2	10732	10677	10482	10630	1.24	cps
Iron	57-2	333	328	406	356	12.20	cps
Krypton	83-1	387	407	330	374	10.62	cps
Lead	206-1	1395	1411	1217	1341	8.04	cps
Lead	207-1	1250	1072	1300	1208	9.92	cps
Lead	208-1	5540	5323	5423	5428	2.00	cps
Lithium	6-1	2120325	2063070	2000964	2061453	2.90	cps
Magnesium	24-2	1142	1200	1125	1156	3.41	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:22:16	DataFile Name :	030SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213	197	207	206	4.08	cps
Molybdenum	94-1	3451	3659	3659	3590	3.35	cps
Molybdenum	95-1	4201	4234	4226	4220	0.41	cps
Molybdenum	96-1	4476	5051	4551	4693	6.66	cps
Molybdenum	97-1	2375	2625	2725	2575	7.00	cps
Molybdenum	98-1	6369	6327	6460	6385	1.07	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	260	240	233	244	5.68	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	3826	3751	4209	3929	6.26	cps
Rhodium	103-1	10078667	9915040	9618856	9870854	2.36	cps
Rhodium	103-2	3493847	3510947	3491998	3498931	0.30	cps
Scandium	45-1	6734919	6652038	6310715	6565891	3.42	cps
Scandium	45-2	77335	77512	77167	77338	0.22	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	9	7	20	12	56.77	cps
Selenium	82-1	271	281	307	286	6.44	cps
Silicon	28-1	357129	354023	355522	355558	0.44	cps
Silver	109-1	2225	1992	1942	2053	7.37	cps
Silver	107-1	2209	2234	2284	2242	1.70	cps
Sodium	23-2	12731	12664	12339	12578	1.67	cps
Strontium	86-1	1042	1208	1258	1170	9.70	cps
Strontium	88-1	4693	4376	4668	4579	3.85	cps
Sulfur	34-1	379864	380348	376769	378994	0.51	cps
Terbium	159-1	12299640	12159683	11638898	12032741	2.89	cps
Terbium	159-2	3315663	3381890	3360669	3352741	1.01	cps
Thallium	203-1	1517	1550	1400	1489	5.29	cps
Thallium	205-1	3576	3484	3301	3453	4.06	cps
Tin	118-1	2400	2500	2425	2442	2.13	cps
Titanium	47-1	1267	1308	1150	1242	6.61	cps
Uranium	238-1	3809	3534	3809	3717	4.27	cps
Vanadium	51-2	190	163	207	187	11.71	cps
Yttrium	89-1	11290194	11204617	10714140	11069650	2.81	cps
Yttrium	89-2	495692	496799	495393	495961	0.15	cps
Zinc	66-2	150	157	173	160	7.51	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:22:16	DataFile Name :	030SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3292	3401	3317	3337	1.70	cps
Zirconium	91-1	792	700	750	747	6.14	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	75	117	78	48.31	cps
Antimony	121-1	2234	1959	1909	2034	8.61	cps
Arsenic	75-2	35	26	39	33	20.03	cps
Barium	135-1	1684	2125	2067	1959	12.25	cps
Barium	137-1	3209	3659	3317	3395	6.92	cps
Beryllium	9-1	417	417	450	428	4.50	cps
Bismuth	209-1	6856393	6769242	6631159	6752265	1.68	cps
Bismuth	209-2	2486916	2533415	2478470	2499600	1.18	cps
Boron	10-1	467	408	567	481	16.66	cps
Boron	11-1	2209	2325	2434	2323	4.85	cps
Cadmium	111-1	1939	1981	1861	1927	3.16	cps
Cadmium	106-1	2209	2150	2092	2150	2.71	cps
Cadmium	108-1	17	46	46	36	46.62	cps
Calcium	43-1	1108	1175	1100	1128	3.64	cps
Calcium	44-1	34193	35154	34995	34781	1.48	cps
Chromium	52-2	883	960	920	921	4.16	cps
Cobalt	59-2	633	667	610	637	4.47	cps
Copper	63-2	1603	1500	1480	1528	4.33	cps
Dysprosium	156-1	33	8	0	14	124.92	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	75	58	58	64	15.05	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	11788852	11495158	10985361	11423124	3.56	cps
Holmium	165-2	3347337	3393913	3381570	3374274	0.72	cps
Indium	115-1	10450653	10214127	10000338	10221706	2.20	cps
Indium	115-2	637795	641188	628801	635928	1.01	cps
Iron	56-2	11032	11689	11583	11435	3.08	cps
Iron	57-2	278	339	383	333	15.90	cps
Krypton	83-1	377	410	390	392	4.28	cps
Lead	206-1	1483	1395	1261	1380	8.11	cps
Lead	207-1	1150	1122	1245	1172	5.47	cps
Lead	208-1	5390	5295	5362	5349	0.91	cps
Lithium	6-1	2127085	2075623	2020189	2074299	2.58	cps
Magnesium	24-2	1275	1258	1275	1270	0.76	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	223	230	219	6.34	cps
Molybdenum	94-1	3526	3892	3942	3787	6.01	cps
Molybdenum	95-1	4793	4326	4559	4559	5.12	cps
Molybdenum	96-1	5068	4843	4968	4959	2.27	cps
Molybdenum	97-1	2900	2659	2892	2817	4.87	cps
Molybdenum	98-1	6852	7010	6769	6877	1.79	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	260	227	222	18.08	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4059	4101	4159	4106	1.22	cps
Rhodium	103-1	10094780	9830119	9623221	9849373	2.40	cps
Rhodium	103-2	3474183	3465900	3397137	3445740	1.23	cps
Scandium	45-1	6739026	6670466	6483817	6631103	1.99	cps
Scandium	45-2	76624	77392	77261	77092	0.53	cps
Selenium	77-2	3	3	17	8	99.04	cps
Selenium	78-2	7	13	0	7	95.76	cps
Selenium	82-1	238	227	261	242	7.07	cps
Silicon	28-1	352623	352985	359816	355141	1.14	cps
Silver	109-1	2250	2000	2025	2092	6.58	cps
Silver	107-1	2242	2350	2192	2261	3.58	cps
Sodium	23-2	12531	12865	13223	12873	2.69	cps
Strontium	86-1	1200	1208	1267	1225	2.96	cps
Strontium	88-1	5193	4968	5001	5054	2.40	cps
Sulfur	34-1	379481	378306	374232	377340	0.73	cps
Terbium	159-1	12265276	12069443	11594704	11976474	2.88	cps
Terbium	159-2	3348473	3354294	3294475	3332414	0.99	cps
Thallium	203-1	1325	1650	1592	1522	11.38	cps
Thallium	205-1	3617	3642	3676	3645	0.80	cps
Tin	118-1	2784	2492	2934	2737	8.21	cps
Titanium	47-1	1467	1408	1242	1372	8.51	cps
Uranium	238-1	4009	3767	4026	3934	3.68	cps
Vanadium	51-2	227	167	173	189	17.41	cps
Yttrium	89-1	11333874	11140314	10730304	11068164	2.78	cps
Yttrium	89-2	489371	494880	490911	491721	0.58	cps
Zinc	66-2	183	203	200	196	5.48	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:25:37	DataFile Name :	031SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3659	3301	3634	3531	5.67	cps
Zirconium	91-1	775	883	850	836	6.64	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	125	86	43.64	cps
Antimony	121-1	2100	2067	2017	2061	2.04	cps
Arsenic	75-2	37	35	37	36	2.93	cps
Barium	135-1	1750	1667	2042	1820	10.82	cps
Barium	137-1	3017	3192	3242	3151	3.75	cps
Beryllium	9-1	422	272	261	319	28.25	cps
Bismuth	209-1	6871684	6922875	6854157	6882905	0.52	cps
Bismuth	209-2	2448247	2480317	2463967	2464177	0.65	cps
Boron	10-1	442	508	483	478	7.05	cps
Boron	11-1	2384	2092	2000	2159	9.28	cps
Cadmium	111-1	1800	1936	1887	1875	3.67	cps
Cadmium	106-1	2042	2275	2175	2164	5.41	cps
Cadmium	108-1	42	75	21	46	59.62	cps
Calcium	43-1	1125	1092	1058	1092	3.05	cps
Calcium	44-1	35980	35521	34669	35390	1.88	cps
Chromium	52-2	987	843	863	898	8.65	cps
Cobalt	59-2	627	530	610	589	8.78	cps
Copper	63-2	1613	1573	1357	1515	9.12	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	20	10	17	16	32.73	cps
Holmium	165-1	11597232	11405070	11654721	11552341	1.13	cps
Holmium	165-2	3336881	3381862	3354390	3357711	0.68	cps
Indium	115-1	10428968	10232905	10382651	10348175	0.99	cps
Indium	115-2	626064	631151	628694	628636	0.40	cps
Iron	56-2	10665	11066	11177	10969	2.45	cps
Iron	57-2	294	289	311	298	3.88	cps
Krypton	83-1	340	343	417	367	11.82	cps
Lead	206-1	1350	1272	1311	1311	2.97	cps
Lead	207-1	1372	1267	1078	1239	12.04	cps
Lead	208-1	5473	5362	5106	5314	3.54	cps
Lithium	6-1	2086420	2078373	2150085	2104959	1.87	cps
Magnesium	24-2	1350	1008	1275	1211	14.83	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	200	317	250	24.04	cps
Molybdenum	94-1	3242	3526	3751	3506	7.27	cps
Molybdenum	95-1	3967	4209	4176	4117	3.18	cps
Molybdenum	96-1	4434	4393	4334	4387	1.15	cps
Molybdenum	97-1	2692	2617	2275	2528	8.79	cps
Molybdenum	98-1	6510	6710	6285	6502	3.27	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	240	240	228	9.29	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3959	3901	3884	3915	1.01	cps
Rhodium	103-1	10092519	9953851	10083473	10043281	0.77	cps
Rhodium	103-2	3409086	3462929	3497128	3456381	1.28	cps
Scandium	45-1	6738673	6691286	6743276	6724412	0.43	cps
Scandium	45-2	75488	76795	76309	76197	0.87	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	7	17	7	10	50.93	cps
Selenium	82-1	275	297	228	267	13.32	cps
Silicon	28-1	352827	357355	355008	355063	0.64	cps
Silver	109-1	2092	2034	2242	2122	5.06	cps
Silver	107-1	2334	2134	2192	2220	4.63	cps
Sodium	23-2	12256	12681	12389	12442	1.75	cps
Strontium	86-1	1042	983	1150	1058	7.99	cps
Strontium	88-1	4701	4659	4626	4662	0.81	cps
Sulfur	34-1	377893	381394	378542	379276	0.49	cps
Terbium	159-1	12226901	12146150	12239228	12204093	0.41	cps
Terbium	159-2	3262351	3343767	3295414	3300511	1.24	cps
Thallium	203-1	1317	1375	1475	1389	5.77	cps
Thallium	205-1	3284	3476	3809	3523	7.54	cps
Tin	118-1	2659	2209	2509	2459	9.32	cps
Titanium	47-1	1225	1392	1275	1297	6.59	cps
Uranium	238-1	3476	3476	3951	3634	7.55	cps
Vanadium	51-2	217	230	227	224	3.09	cps
Yttrium	89-1	11363787	11157687	11170891	11230788	1.03	cps
Yttrium	89-2	488456	493332	488644	490144	0.56	cps
Zinc	66-2	223	150	207	193	19.89	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:28:57	DataFile Name :	032SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2992	3109	3267	3123	4.42	cps
Zirconium	91-1	600	742	817	720	15.29	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	50	69	30.20	cps
Antimony	121-1	2050	2109	2034	2064	1.91	cps
Arsenic	75-2	31	33	20	28	24.69	cps
Barium	135-1	1925	2042	2117	2028	4.76	cps
Barium	137-1	3617	3476	3084	3392	8.15	cps
Beryllium	9-1	406	350	383	380	7.37	cps
Bismuth	209-1	6922581	6767818	6978245	6889548	1.58	cps
Bismuth	209-2	2402688	2435822	2424354	2420954	0.70	cps
Boron	10-1	625	467	433	508	20.14	cps
Boron	11-1	2067	2292	2084	2147	5.84	cps
Cadmium	111-1	2064	1817	2040	1974	6.90	cps
Cadmium	106-1	2234	1967	2234	2145	7.18	cps
Cadmium	108-1	29	50	46	42	26.45	cps
Calcium	43-1	1100	1025	1142	1089	5.43	cps
Calcium	44-1	33558	32990	33909	33485	1.38	cps
Chromium	52-2	913	927	993	944	4.54	cps
Cobalt	59-2	717	667	563	649	12.05	cps
Copper	63-2	1487	1523	1487	1499	1.41	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	25	33	28	17.33	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	67	58	25	50	44.10	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	11705299	11387532	11618230	11570354	1.42	cps
Holmium	165-2	3309667	3373877	3313800	3332448	1.08	cps
Indium	115-1	10337995	10119898	10458366	10305420	1.66	cps
Indium	115-2	614730	634430	635220	628127	1.85	cps
Iron	56-2	11366	11822	11299	11496	2.47	cps
Iron	57-2	300	267	294	287	6.22	cps
Krypton	83-1	430	373	397	400	7.12	cps
Lead	206-1	1506	1428	1256	1396	9.16	cps
Lead	207-1	1300	1178	1283	1254	5.29	cps
Lead	208-1	5706	5706	5506	5640	2.05	cps
Lithium	6-1	2146291	2126608	2151422	2141440	0.61	cps
Magnesium	24-2	1125	1408	1100	1211	14.14	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250	190	207	216	14.37	cps
Molybdenum	94-1	3559	3726	3734	3673	2.69	cps
Molybdenum	95-1	4351	3901	4293	4181	5.85	cps
Molybdenum	96-1	4759	4976	4984	4907	2.60	cps
Molybdenum	97-1	2867	2892	2800	2853	1.66	cps
Molybdenum	98-1	7152	6727	6935	6938	3.06	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	270	207	247	241	13.29	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	3909	4026	4242	4059	4.17	cps
Rhodium	103-1	10241967	9800858	10112019	10051615	2.26	cps
Rhodium	103-2	3370804	3463463	3456057	3430108	1.50	cps
Scandium	45-1	6730383	6696444	6717583	6714803	0.26	cps
Scandium	45-2	72701	75810	76229	74913	2.57	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	11	15	11	33.30	cps
Selenium	82-1	260	218	234	237	8.94	cps
Silicon	28-1	353597	355366	355549	354837	0.30	cps
Silver	109-1	2225	1959	2267	2150	7.78	cps
Silver	107-1	2342	2367	2034	2248	8.26	cps
Sodium	23-2	12514	12089	12931	12512	3.37	cps
Strontium	86-1	1183	1133	1117	1145	3.03	cps
Strontium	88-1	4976	5060	4643	4893	4.51	cps
Sulfur	34-1	382452	378528	380005	380328	0.52	cps
Terbium	159-1	12357806	11991629	12113615	12154350	1.53	cps
Terbium	159-2	3192402	3311885	3314482	3272923	2.13	cps
Thallium	203-1	1383	1475	1358	1406	4.37	cps
Thallium	205-1	3476	3742	3342	3520	5.79	cps
Tin	118-1	2442	2742	2542	2575	5.93	cps
Titanium	47-1	1492	1417	1400	1436	3.40	cps
Uranium	238-1	4301	3901	3684	3962	7.90	cps
Vanadium	51-2	193	203	333	243	32.10	cps
Yttrium	89-1	11299119	11104221	11181449	11194930	0.88	cps
Yttrium	89-2	473100	492581	488510	484730	2.12	cps
Zinc	66-2	177	120	147	148	19.18	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:32:17	DataFile Name :	033SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3117	3551	3509	3392	7.05	cps
Zirconium	91-1	700	700	733	711	2.71	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	75	58	28.57	cps
Antimony	121-1	2000	2167	2409	2192	9.37	cps
Arsenic	75-2	37	44	22	35	32.73	cps
Barium	135-1	1975	2400	2009	2128	11.11	cps
Barium	137-1	3826	3284	3917	3676	9.31	cps
Beryllium	9-1	378	294	406	359	16.09	cps
Bismuth	209-1	6908291	6803731	6346563	6686195	4.47	cps
Bismuth	209-2	2489837	2492040	2494954	2492277	0.10	cps
Boron	10-1	392	458	392	414	9.30	cps
Boron	11-1	1809	2059	1975	1947	6.54	cps
Cadmium	111-1	2124	1826	1702	1884	11.51	cps
Cadmium	106-1	2359	1934	1800	2031	14.36	cps
Cadmium	108-1	50	21	29	33	45.07	cps
Calcium	43-1	1150	1017	875	1014	13.56	cps
Calcium	44-1	33725	33424	34293	33814	1.30	cps
Chromium	52-2	967	970	1027	988	3.41	cps
Cobalt	59-2	690	673	677	680	1.30	cps
Copper	63-2	1643	1507	1580	1577	4.34	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	0	17	13	10	88.20	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Gadolinium	160-2	3	7	20	10	88.20	cps
Holmium	165-1	11616030	11517417	10706948	11280132	4.42	cps
Holmium	165-2	3427147	3368744	3409974	3401955	0.88	cps
Indium	115-1	10309583	10249330	9632616	10063843	3.72	cps
Indium	115-2	641499	639091	629697	636762	0.98	cps
Iron	56-2	11444	11739	11377	11520	1.67	cps
Iron	57-2	322	339	300	320	6.09	cps
Krypton	83-1	410	387	447	414	7.30	cps
Lead	206-1	1445	1356	1522	1441	5.79	cps
Lead	207-1	1172	1261	1156	1196	4.74	cps
Lead	208-1	5462	5595	5534	5530	1.21	cps
Lithium	6-1	2164822	2113163	1977047	2085011	4.65	cps
Magnesium	24-2	1167	1333	992	1164	14.68	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	227	220	199	21.35	cps
Molybdenum	94-1	3934	3734	3667	3778	3.67	cps
Molybdenum	95-1	4543	3967	4943	4484	10.93	cps
Molybdenum	96-1	4943	4943	4643	4843	3.58	cps
Molybdenum	97-1	2684	2584	2684	2650	2.18	cps
Molybdenum	98-1	6844	6927	7135	6969	2.16	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	250	280	283	271	6.77	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4151	4117	4217	4162	1.22	cps
Rhodium	103-1	9932594	9772071	9285850	9663505	3.48	cps
Rhodium	103-2	3497866	3529661	3454635	3494054	1.08	cps
Scandium	45-1	6692697	6667224	6182061	6513994	4.42	cps
Scandium	45-2	77542	76316	75639	76499	1.26	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	13	11	19	14	27.17	cps
Selenium	82-1	211	234	203	216	7.59	cps
Silicon	28-1	351778	361273	358020	357024	1.35	cps
Silver	109-1	2025	2217	2192	2145	4.86	cps
Silver	107-1	2334	2350	2334	2339	0.41	cps
Sodium	23-2	12581	12639	12823	12681	1.00	cps
Strontium	86-1	1083	1342	1242	1222	10.66	cps
Strontium	88-1	4776	5376	5001	5051	6.00	cps
Sulfur	34-1	382890	385144	383782	383939	0.30	cps
Terbium	159-1	12209773	12039089	11145815	11798226	4.84	cps
Terbium	159-2	3347965	3283495	3306263	3312574	0.99	cps
Thallium	203-1	1459	1367	1484	1436	4.28	cps
Thallium	205-1	3709	3542	3809	3687	3.66	cps
Tin	118-1	2534	2525	2300	2453	5.40	cps
Titanium	47-1	1542	1325	1242	1370	11.31	cps
Uranium	238-1	4068	3684	3851	3867	4.97	cps
Vanadium	51-2	240	197	273	237	16.24	cps
Yttrium	89-1	11269127	11285004	10506961	11020364	4.04	cps
Yttrium	89-2	500736	495690	492118	496181	0.87	cps
Zinc	66-2	150	150	163	154	4.99	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:35:38	DataFile Name :	034SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3167	3559	3451	3392	5.96	cps
Zirconium	91-1	767	717	792	758	5.04	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	25	56	52.68	cps
Antimony	121-1	1959	1817	2100	1959	7.23	cps
Arsenic	75-2	33	37	26	32	17.62	cps
Barium	135-1	1842	1842	1700	1795	4.56	cps
Barium	137-1	3492	3542	3767	3601	4.07	cps
Beryllium	9-1	317	294	394	335	15.67	cps
Bismuth	209-1	6807556	6763698	6793737	6788330	0.33	cps
Bismuth	209-2	2422948	2490991	2386383	2433440	2.18	cps
Boron	10-1	442	383	408	411	7.12	cps
Boron	11-1	1784	1875	1809	1822	2.60	cps
Cadmium	111-1	1853	1845	1894	1864	1.42	cps
Cadmium	106-1	2092	2059	2192	2114	3.28	cps
Cadmium	108-1	46	83	33	54	48.05	cps
Calcium	43-1	1125	1258	1075	1153	8.22	cps
Calcium	44-1	33558	33893	33825	33758	0.52	cps
Chromium	52-2	877	897	943	906	3.78	cps
Cobalt	59-2	677	677	717	690	3.35	cps
Copper	63-2	1503	1433	1277	1405	8.26	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	92	50	25	56	60.62	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	58	117	92	89	32.92	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	11452972	11575846	11545581	11524800	0.56	cps
Holmium	165-2	3314227	3359197	3242268	3305231	1.78	cps
Indium	115-1	10219744	10237606	10212312	10223220	0.13	cps
Indium	115-2	633759	635026	612478	627088	2.02	cps
Iron	56-2	10782	11033	10871	10895	1.16	cps
Iron	57-2	233	333	283	283	17.65	cps
Krypton	83-1	343	410	483	412	16.99	cps
Lead	206-1	1378	1289	1500	1389	7.63	cps
Lead	207-1	1295	1261	1256	1270	1.66	cps
Lead	208-1	5362	5384	5312	5352	0.69	cps
Lithium	6-1	2140689	2114856	2128995	2128180	0.61	cps
Magnesium	24-2	1150	1117	1317	1195	8.97	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	183	170	180	4.90	cps
Molybdenum	94-1	3617	3584	3417	3540	3.03	cps
Molybdenum	95-1	3509	4226	3909	3881	9.26	cps
Molybdenum	96-1	4751	4943	4551	4748	4.13	cps
Molybdenum	97-1	2575	2675	2350	2534	6.57	cps
Molybdenum	98-1	6710	6752	6777	6746	0.50	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	253	237	243	244	3.43	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3826	4309	3842	3992	6.87	cps
Rhodium	103-1	9828152	9916565	9991463	9912060	0.82	cps
Rhodium	103-2	3481407	3482230	3392756	3452131	1.49	cps
Scandium	45-1	6712771	6561347	6698804	6657641	1.26	cps
Scandium	45-2	74121	77010	75160	75430	1.94	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	11	6	69.34	cps
Selenium	82-1	296	213	225	245	18.26	cps
Silicon	28-1	355619	352745	357777	355380	0.71	cps
Silver	109-1	2092	2142	1859	2031	7.45	cps
Silver	107-1	2034	1975	1884	1964	3.85	cps
Sodium	23-2	11780	12414	11981	12058	2.69	cps
Strontium	86-1	1158	950	1133	1081	10.53	cps
Strontium	88-1	4651	4651	4851	4718	2.45	cps
Sulfur	34-1	383742	380943	383155	382613	0.39	cps
Terbium	159-1	12120475	12330904	12088521	12179967	1.08	cps
Terbium	159-2	3312117	3333051	3251823	3298997	1.28	cps
Thallium	203-1	1275	1242	1550	1356	12.48	cps
Thallium	205-1	3384	3459	3609	3484	3.29	cps
Tin	118-1	2409	2342	2467	2406	2.60	cps
Titanium	47-1	1417	1625	1250	1431	13.13	cps
Uranium	238-1	3742	3592	3551	3629	2.78	cps
Vanadium	51-2	240	187	180	202	16.26	cps
Yttrium	89-1	11102072	11219800	11281498	11201123	0.81	cps
Yttrium	89-2	497359	487868	480642	488623	1.72	cps
Zinc	66-2	123	133	143	133	7.50	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:38:58	DataFile Name :	035SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3409	3284	3242	3312	2.62	cps
Zirconium	91-1	658	750	683	697	6.80	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	33	64	52.72	cps
Antimony	121-1	2134	1992	2109	2078	3.64	cps
Arsenic	75-2	33	31	15	27	38.43	cps
Barium	135-1	2017	2267	2250	2178	6.42	cps
Barium	137-1	3792	3742	3651	3728	1.93	cps
Beryllium	9-1	317	294	294	302	4.25	cps
Bismuth	209-1	6730551	6710741	6894095	6778463	1.48	cps
Bismuth	209-2	2497701	2461121	2277751	2412191	4.89	cps
Boron	10-1	408	442	342	397	12.82	cps
Boron	11-1	1775	1867	2059	1900	7.61	cps
Cadmium	111-1	1809	1781	1836	1809	1.52	cps
Cadmium	106-1	2067	2017	2042	2042	1.22	cps
Cadmium	108-1	42	38	38	39	6.19	cps
Calcium	43-1	1058	1017	1100	1058	3.94	cps
Calcium	44-1	32229	33516	33466	33071	2.20	cps
Chromium	52-2	993	920	1017	977	5.16	cps
Cobalt	59-2	587	663	660	637	6.81	cps
Copper	63-2	1647	1543	1523	1571	4.21	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	20	7	17	14	48.02	cps
Holmium	165-1	11232148	11332475	11520911	11361845	1.29	cps
Holmium	165-2	3372360	3390409	3124452	3295740	4.51	cps
Indium	115-1	10122259	10164796	10231637	10172897	0.54	cps
Indium	115-2	627094	635207	589403	617235	3.96	cps
Iron	56-2	11828	11316	11133	11425	3.15	cps
Iron	57-2	322	239	306	289	15.26	cps
Krypton	83-1	403	390	380	391	2.99	cps
Lead	206-1	1472	1350	1461	1428	4.73	cps
Lead	207-1	1317	1256	1239	1270	3.22	cps
Lead	208-1	5617	5490	5740	5615	2.23	cps
Lithium	6-1	2096058	2091321	2110336	2099239	0.47	cps
Magnesium	24-2	1092	1392	1275	1253	12.07	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	233	183	211	12.06	cps
Molybdenum	94-1	3409	3542	3484	3478	1.92	cps
Molybdenum	95-1	4659	4318	4243	4406	5.04	cps
Molybdenum	96-1	4718	4509	4926	4718	4.42	cps
Molybdenum	97-1	2900	2875	2667	2814	4.55	cps
Molybdenum	98-1	6393	6544	7044	6660	5.11	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	273	223	303	267	15.16	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	4217	4142	3884	4081	4.29	cps
Rhodium	103-1	9790561	9834052	9876829	9833814	0.44	cps
Rhodium	103-2	3443584	3473915	3264261	3393920	3.34	cps
Scandium	45-1	6592944	6577011	6712502	6627486	1.12	cps
Scandium	45-2	76279	75887	70925	74364	4.01	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	13	9	13	12	18.22	cps
Selenium	82-1	251	242	269	254	5.47	cps
Silicon	28-1	357979	355684	357410	357024	0.33	cps
Silver	109-1	2084	2375	2009	2156	8.99	cps
Silver	107-1	2192	2600	2317	2370	8.83	cps
Sodium	23-2	12740	13682	12189	12870	5.87	cps
Strontium	86-1	1283	1275	1133	1231	6.85	cps
Strontium	88-1	4826	5134	5001	4987	3.10	cps
Sulfur	34-1	386450	385413	382662	384841	0.51	cps
Terbium	159-1	11783765	11969746	12056326	11936612	1.17	cps
Terbium	159-2	3324777	3268791	3121591	3238387	3.24	cps
Thallium	203-1	1500	1258	1325	1361	9.17	cps
Thallium	205-1	3467	3742	3592	3601	3.83	cps
Tin	118-1	2509	2475	2484	2489	0.70	cps
Titanium	47-1	1308	1500	1417	1408	6.82	cps
Uranium	238-1	3659	3834	3901	3798	3.29	cps
Vanadium	51-2	220	223	233	226	3.08	cps
Yttrium	89-1	11041127	11005689	11169227	11072014	0.78	cps
Yttrium	89-2	489716	490849	458977	479847	3.77	cps
Zinc	66-2	197	183	200	193	4.56	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:42:18	DataFile Name :	036SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3276	3359	3667	3434	6.01	cps
Zirconium	91-1	708	683	708	700	2.06	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	108	67	75	40.06	cps
Antimony	121-1	1942	1967	1750	1886	6.29	cps
Arsenic	75-2	31	35	35	34	6.31	cps
Barium	135-1	2059	1984	2059	2034	2.13	cps
Barium	137-1	3626	3601	3126	3451	8.17	cps
Beryllium	9-1	311	411	367	363	13.80	cps
Bismuth	209-1	6784073	6720122	6785521	6763239	0.55	cps
Bismuth	209-2	2462179	2475250	2473633	2470354	0.29	cps
Boron	10-1	325	342	400	356	11.08	cps
Boron	11-1	1609	1767	1725	1700	4.83	cps
Cadmium	111-1	1786	1851	2056	1898	7.43	cps
Cadmium	106-1	2009	2025	2250	2095	6.44	cps
Cadmium	108-1	29	29	75	44	59.53	cps
Calcium	43-1	1183	1075	1083	1114	5.41	cps
Calcium	44-1	33424	32990	33917	33444	1.39	cps
Chromium	52-2	907	990	953	950	4.40	cps
Cobalt	59-2	637	637	560	611	7.24	cps
Copper	63-2	1377	1420	1403	1400	1.56	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	0	42	50	31	87.67	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	13	23	3	13	75.02	cps
Holmium	165-1	11615400	11389777	11738727	11581301	1.53	cps
Holmium	165-2	3302356	3349168	3395744	3349089	1.39	cps
Indium	115-1	10259152	10399772	10369348	10342758	0.72	cps
Indium	115-2	629251	631730	629142	630041	0.23	cps
Iron	56-2	11327	11294	11355	11325	0.27	cps
Iron	57-2	239	267	267	257	6.23	cps
Krypton	83-1	347	330	380	352	7.23	cps
Lead	206-1	1383	1128	1383	1298	11.37	cps
Lead	207-1	1172	1189	1311	1224	6.20	cps
Lead	208-1	5473	5267	5390	5377	1.92	cps
Lithium	6-1	2117008	2106963	2135361	2119777	0.68	cps
Magnesium	24-2	1342	1117	1083	1181	11.90	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	187	217	202	7.43	cps
Molybdenum	94-1	3542	3584	4101	3742	8.31	cps
Molybdenum	95-1	4251	4226	4443	4306	2.75	cps
Molybdenum	96-1	5318	4426	4909	4884	9.14	cps
Molybdenum	97-1	2717	2559	2559	2612	3.50	cps
Molybdenum	98-1	6960	6352	6810	6707	4.73	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	297	223	283	268	14.59	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4176	4618	3942	4245	8.08	cps
Rhodium	103-1	10017095	9970217	10023700	10003671	0.29	cps
Rhodium	103-2	3439406	3462640	3441383	3447810	0.37	cps
Scandium	45-1	6747988	6661756	6765197	6724980	0.82	cps
Scandium	45-2	75231	76125	76028	75795	0.65	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	7	19	7	11	57.72	cps
Selenium	82-1	318	301	252	290	11.72	cps
Silicon	28-1	357557	356069	360424	358017	0.62	cps
Silver	109-1	1950	2200	2150	2100	6.30	cps
Silver	107-1	2459	2267	2417	2381	4.23	cps
Sodium	23-2	12114	12990	12556	12553	3.49	cps
Strontium	86-1	1225	992	1050	1089	11.15	cps
Strontium	88-1	4826	5026	4584	4812	4.60	cps
Sulfur	34-1	384533	384918	384478	384643	0.06	cps
Terbium	159-1	11904589	11786461	12285176	11992075	2.17	cps
Terbium	159-2	3240103	3308881	3304882	3284622	1.18	cps
Thallium	203-1	1525	1442	1400	1456	4.37	cps
Thallium	205-1	3342	3434	3542	3440	2.91	cps
Tin	118-1	2367	2650	2384	2467	6.45	cps
Titanium	47-1	1417	1442	1225	1361	8.71	cps
Uranium	238-1	3292	4001	3584	3626	9.82	cps
Vanadium	51-2	180	220	233	211	13.15	cps
Yttrium	89-1	11342987	11197723	11297098	11279269	0.66	cps
Yttrium	89-2	479854	493158	488975	487329	1.40	cps
Zinc	66-2	197	183	180	187	4.72	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:45:38	DataFile Name :	037SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3576	3567	3234	3459	5.64	cps
Zirconium	91-1	850	700	658	736	13.69	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	67	61	15.75	cps
Antimony	121-1	1850	2150	2117	2039	8.06	cps
Arsenic	75-2	37	52	31	40	26.24	cps
Barium	135-1	2025	2084	2109	2072	2.06	cps
Barium	137-1	3501	3676	3801	3659	4.12	cps
Beryllium	9-1	361	311	356	343	8.00	cps
Bismuth	209-1	6803448	6742758	6765228	6770478	0.45	cps
Bismuth	209-2	2467209	2425510	2417983	2436901	1.09	cps
Boron	10-1	400	283	392	358	18.16	cps
Boron	11-1	1717	1458	1700	1625	8.90	cps
Cadmium	111-1	1765	1876	1867	1836	3.36	cps
Cadmium	106-1	1917	2000	2042	1986	3.20	cps
Cadmium	108-1	50	46	42	46	9.09	cps
Calcium	43-1	1217	1042	1008	1089	10.28	cps
Calcium	44-1	33499	34761	33516	33926	2.13	cps
Chromium	52-2	937	1027	947	970	5.09	cps
Cobalt	59-2	700	580	600	627	10.26	cps
Copper	63-2	1640	1560	1343	1515	10.14	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	3	23	7	11	96.43	cps
Gadolinium	160-1	50	75	108	78	37.63	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	11572838	11516952	11561261	11550351	0.26	cps
Holmium	165-2	3369800	3352649	3281308	3334586	1.41	cps
Indium	115-1	10130777	10289053	10455246	10291692	1.58	cps
Indium	115-2	629425	621227	619600	623417	0.84	cps
Iron	56-2	10955	11488	11466	11303	2.67	cps
Iron	57-2	217	244	317	259	19.91	cps
Krypton	83-1	450	337	393	393	14.41	cps
Lead	206-1	1300	1311	1311	1308	0.49	cps
Lead	207-1	1272	1050	1195	1172	9.62	cps
Lead	208-1	5623	5167	5551	5447	4.50	cps
Lithium	6-1	2113621	2096179	2128613	2112804	0.77	cps
Magnesium	24-2	1167	1250	1200	1206	3.48	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	207	207	220	10.50	cps
Molybdenum	94-1	3984	3601	3542	3709	6.47	cps
Molybdenum	95-1	4326	4401	4151	4293	2.99	cps
Molybdenum	96-1	4784	4951	4985	4907	2.19	cps
Molybdenum	97-1	2767	2900	2592	2753	5.62	cps
Molybdenum	98-1	6985	6677	7111	6924	3.22	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	197	263	229	14.59	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4326	3667	3801	3931	8.86	cps
Rhodium	103-1	9888577	9898359	9942481	9909806	0.29	cps
Rhodium	103-2	3465857	3457617	3399724	3441066	1.05	cps
Scandium	45-1	6660975	6696242	6644513	6667243	0.40	cps
Scandium	45-2	75257	74969	76172	75466	0.83	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	213	347	186	249	34.79	cps
Silicon	28-1	354225	356350	357912	356162	0.52	cps
Silver	109-1	2334	2059	1934	2109	9.71	cps
Silver	107-1	2409	2367	2434	2403	1.40	cps
Sodium	23-2	12539	13115	12389	12681	3.02	cps
Strontium	86-1	1350	1258	1183	1264	6.60	cps
Strontium	88-1	4751	5060	4851	4887	3.22	cps
Sulfur	34-1	384953	385898	381545	384132	0.60	cps
Terbium	159-1	12044239	12187506	12071086	12100944	0.63	cps
Terbium	159-2	3293084	3250056	3216584	3253241	1.18	cps
Thallium	203-1	1550	1367	1375	1431	7.24	cps
Thallium	205-1	3484	3184	3576	3415	6.00	cps
Tin	118-1	2392	2550	2575	2506	3.97	cps
Titanium	47-1	1133	1433	1534	1367	15.23	cps
Uranium	238-1	3801	3726	3859	3795	1.76	cps
Vanadium	51-2	200	217	207	208	4.04	cps
Yttrium	89-1	11146941	11205488	11202992	11185140	0.30	cps
Yttrium	89-2	486843	483280	476064	482062	1.14	cps
Zinc	66-2	203	177	183	188	7.39	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:48:58	DataFile Name :	038SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	3459	3376	3409	1.29	cps
Zirconium	91-1	675	775	842	764	10.98	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	83	67	25.00	cps
Antimony	121-1	1717	1742	1792	1750	2.18	cps
Arsenic	75-2	30	19	43	30	39.83	cps
Barium	135-1	1800	1934	2142	1959	8.79	cps
Barium	137-1	3301	3717	3501	3506	5.95	cps
Beryllium	9-1	278	322	356	319	12.25	cps
Bismuth	209-1	6725808	6821363	6769501	6772224	0.71	cps
Bismuth	209-2	2427527	2432666	2430772	2430322	0.11	cps
Boron	10-1	358	358	333	350	4.12	cps
Boron	11-1	1650	1433	1700	1595	8.89	cps
Cadmium	111-1	1863	1756	1968	1862	5.70	cps
Cadmium	106-1	2025	1917	2242	2061	8.03	cps
Cadmium	108-1	25	46	50	40	33.25	cps
Calcium	43-1	1092	1125	917	1045	10.72	cps
Calcium	44-1	33274	32998	33675	33316	1.02	cps
Chromium	52-2	1057	997	983	1012	3.86	cps
Cobalt	59-2	550	657	583	597	9.15	cps
Copper	63-2	1517	1610	1427	1518	6.04	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	92	50	92	78	30.93	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	11423182	11545835	11434130	11467716	0.59	cps
Holmium	165-2	3388646	3341811	3283319	3337925	1.58	cps
Indium	115-1	10165581	10213417	10094313	10157770	0.59	cps
Indium	115-2	631591	620126	624450	625389	0.93	cps
Iron	56-2	10893	11394	10749	11012	3.07	cps
Iron	57-2	300	239	272	270	11.32	cps
Krypton	83-1	423	427	407	419	2.56	cps
Lead	206-1	1267	1306	1272	1282	1.64	cps
Lead	207-1	1078	1133	1089	1100	2.67	cps
Lead	208-1	5262	5178	4989	5143	2.71	cps
Lithium	6-1	2098954	2163224	2075451	2112543	2.15	cps
Magnesium	24-2	1158	1117	1208	1161	3.95	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	177	200	182	8.64	cps
Molybdenum	94-1	3717	3626	3234	3526	7.28	cps
Molybdenum	95-1	4401	4117	4001	4173	4.93	cps
Molybdenum	96-1	4368	4468	4634	4490	3.00	cps
Molybdenum	97-1	2384	2859	2534	2592	9.37	cps
Molybdenum	98-1	6427	6293	6927	6549	5.10	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	243	263	253	3.95	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	3784	4051	3684	3840	4.94	cps
Rhodium	103-1	9832874	9864460	9615638	9770990	1.39	cps
Rhodium	103-2	3441672	3455212	3437920	3444935	0.26	cps
Scandium	45-1	6633880	6718541	6548186	6633536	1.28	cps
Scandium	45-2	76259	75357	75381	75666	0.68	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	22	2	9	11	92.80	cps
Selenium	82-1	185	166	200	184	9.18	cps
Silicon	28-1	355872	357646	360620	358046	0.67	cps
Silver	109-1	2175	2192	2167	2178	0.58	cps
Silver	107-1	2309	2225	2075	2203	5.37	cps
Sodium	23-2	12414	11764	12723	12300	3.98	cps
Strontium	86-1	1033	1092	1042	1056	2.99	cps
Strontium	88-1	4843	4918	4826	4862	1.00	cps
Sulfur	34-1	386255	383796	386514	385522	0.39	cps
Terbium	159-1	11847081	12009370	11908348	11921600	0.69	cps
Terbium	159-2	3359442	3215037	3247217	3273899	2.32	cps
Thallium	203-1	1267	1392	1225	1295	6.70	cps
Thallium	205-1	3101	3709	3442	3417	8.93	cps
Tin	118-1	2250	2459	2759	2489	10.27	cps
Titanium	47-1	1433	1183	1275	1297	9.75	cps
Uranium	238-1	3501	3626	3776	3634	3.79	cps
Vanadium	51-2	200	213	217	210	4.20	cps
Yttrium	89-1	11101359	11279150	10928233	11102914	1.58	cps
Yttrium	89-2	485393	483996	485218	484869	0.16	cps
Zinc	66-2	130	167	163	153	13.22	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:52:19	DataFile Name :	039SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3001	3276	3284	3187	5.06	cps
Zirconium	91-1	792	675	742	736	7.95	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416317	423036	416433	418595	0.92	cps
Antimony	121-1	4129713	4070597	4153274	4117861	1.03	cps
Arsenic	75-2	64661	64187	64393	64414	0.37	cps
Barium	135-1	4229029	4125247	4145337	4166538	1.32	cps
Barium	137-1	7166535	7144844	7235047	7182142	0.66	cps
Beryllium	9-1	607737	605488	607524	606916	0.20	cps
Bismuth	209-1	7134456	7094588	6775257	7001434	2.81	cps
Bismuth	209-2	2481324	2496764	2440471	2472853	1.18	cps
Boron	10-1	70708	72316	74829	72618	2.86	cps
Boron	11-1	332791	341333	344925	339683	1.83	cps
Cadmium	111-1	877153	871858	885256	878089	0.77	cps
Cadmium	106-1	92919	93406	93388	93238	0.30	cps
Cadmium	108-1	61858	62880	62657	62465	0.86	cps
Calcium	43-1	4991242	5001433	5041728	5011468	0.53	cps
Calcium	44-1	81895460	81751743	83246823	82298009	1.00	cps
Chromium	52-2	567249	566791	568138	567393	0.12	cps
Cobalt	59-2	1087104	1088509	1089643	1088419	0.12	cps
Copper	63-2	1854484	1829075	1821360	1834973	0.94	cps
Dysprosium	156-1	83	100	133	106	24.12	cps
Dysprosium	156-2	20	13	7	13	49.99	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	67	158	150	125	40.55	cps
Gadolinium	160-2	13	37	10	20	72.66	cps
Holmium	165-1	12517991	12518201	11978117	12338103	2.53	cps
Holmium	165-2	3631310	3565023	3565438	3587257	1.06	cps
Indium	115-1	10705695	10522098	10276749	10501514	2.05	cps
Indium	115-2	640194	640038	635869	638700	0.38	cps
Iron	56-2	90844116	90506296	90499588	90616667	0.22	cps
Iron	57-2	2328908	2312811	2320238	2320652	0.35	cps
Krypton	83-1	437	323	457	406	17.73	cps
Lead	206-1	2200908	2232166	2183786	2205620	1.11	cps
Lead	207-1	2026638	2004869	2031320	2020942	0.70	cps
Lead	208-1	8965130	8987768	8988994	8980631	0.15	cps
Lithium	6-1	2107733	2112895	2012639	2077756	2.72	cps
Magnesium	24-2	9880941	9799908	9776169	9819006	0.56	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322662	324025	325154	323947	0.39	cps
Molybdenum	94-1	7356699	7233873	7215387	7268653	1.06	cps
Molybdenum	95-1	8860027	8915530	8744814	8840124	0.99	cps
Molybdenum	96-1	9844205	9958701	9887801	9896902	0.58	cps
Molybdenum	97-1	5700615	5657242	5629481	5662446	0.63	cps
Molybdenum	98-1	14116971	14301191	14029227	14149130	0.98	cps
Neodymium	150-1	133	180	113	142	24.05	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	321734	323874	323012	322873	0.33	cps
Phosphorus	31-2	5910	5876	6418	6068	5.01	cps
Potassium	39-2	2944791	2978665	2967981	2963812	0.58	cps
Rhodium	103-1	9778244	10015191	9520052	9771162	2.53	cps
Rhodium	103-2	3418192	3386931	3353362	3386161	0.96	cps
Scandium	45-1	6874173	6914109	6648864	6812382	2.10	cps
Scandium	45-2	78193	78374	77265	77944	0.76	cps
Selenium	77-2	500	473	467	480	3.68	cps
Selenium	78-2	1633	1787	1608	1676	5.79	cps
Selenium	82-1	56910	56607	56898	56805	0.30	cps
Silicon	28-1	2197101	2172167	2182462	2183910	0.57	cps
Silver	109-1	4119299	4140142	4162006	4140482	0.52	cps
Silver	107-1	4296685	4298735	4315150	4303523	0.24	cps
Sodium	23-2	23152628	23133182	23024990	23103600	0.30	cps
Strontium	86-1	1153863	1168422	1174457	1165581	0.91	cps
Strontium	88-1	10068807	10102827	10204737	10125457	0.70	cps
Sulfur	34-1	665746	663344	661591	663560	0.31	cps
Terbium	159-1	13207740	13069098	12561584	12946141	2.63	cps
Terbium	159-2	3528250	3535641	3468431	3510774	1.05	cps
Thallium	203-1	2793677	2734265	2724247	2750730	1.36	cps
Thallium	205-1	6521952	6515190	6478602	6505248	0.36	cps
Tin	118-1	2900753	2818484	2856258	2858499	1.44	cps
Titanium	47-1	2482145	2456381	2501132	2479886	0.91	cps
Uranium	238-1	8357612	8265080	8257015	8293235	0.67	cps
Vanadium	51-2	404657	408881	408479	407339	0.57	cps
Yttrium	89-1	11787703	11831492	11465687	11694961	1.71	cps
Yttrium	89-2	508470	511617	509023	509703	0.33	cps
Zinc	66-2	172602	173513	174624	173580	0.58	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 14:55:40	DataFile Name :	040CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6077259	6137495	6177323	6130692	0.82	cps
Zirconium	91-1	1346991	1361508	1354716	1354405	0.54	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	25	17	50.01	cps
Antimony	121-1	1850	1917	1809	1859	2.94	cps
Arsenic	75-2	4	17	2	7	109.03	cps
Barium	135-1	50	33	17	33	49.99	cps
Barium	137-1	125	75	92	97	26.19	cps
Beryllium	9-1	94	67	33	65	47.21	cps
Bismuth	209-1	7360103	7258214	6976032	7198116	2.76	cps
Bismuth	209-2	2622820	2604984	2625283	2617696	0.42	cps
Boron	10-1	592	633	750	658	12.47	cps
Boron	11-1	3484	3217	2984	3228	7.75	cps
Cadmium	111-1	1567	1563	1534	1555	1.17	cps
Cadmium	106-1	2209	2225	2167	2200	1.37	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	467	583	492	514	11.95	cps
Calcium	44-1	27303	27228	27177	27236	0.23	cps
Chromium	52-2	577	673	570	607	9.53	cps
Cobalt	59-2	67	77	57	67	15.00	cps
Copper	63-2	517	530	477	508	5.47	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	12292014	12278667	11729361	12100014	2.65	cps
Holmium	165-2	3591360	3561428	3577736	3576842	0.42	cps
Indium	115-1	10889364	11006182	10589549	10828365	1.98	cps
Indium	115-2	674245	666633	657068	665982	1.29	cps
Iron	56-2	2356	2195	2195	2248	4.14	cps
Iron	57-2	50	72	72	65	19.80	cps
Krypton	83-1	407	450	423	427	5.12	cps
Lead	206-1	428	411	361	400	8.67	cps
Lead	207-1	367	383	317	356	9.76	cps
Lead	208-1	1483	1578	1517	1526	3.14	cps
Lithium	6-1	2203597	2201974	2125576	2177049	2.05	cps
Magnesium	24-2	258	317	225	267	17.40	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	30	30	37	31.49	cps
Molybdenum	94-1	875	725	667	756	14.22	cps
Molybdenum	95-1	692	633	542	622	12.15	cps
Molybdenum	96-1	750	725	717	731	2.37	cps
Molybdenum	97-1	317	450	342	369	19.18	cps
Molybdenum	98-1	917	958	758	878	12.02	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	83	50	100	78	32.73	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	3984	3867	3901	3917	1.53	cps
Rhodium	103-1	10590720	10524446	10156867	10424011	2.24	cps
Rhodium	103-2	3681400	3648515	3622854	3650923	0.80	cps
Scandium	45-1	7065987	7013132	6835630	6971583	1.73	cps
Scandium	45-2	81092	79876	79255	80075	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-25	-75	-60	-53	-47.69	cps
Silicon	28-1	330568	332247	333849	332221	0.49	cps
Silver	109-1	250	267	250	256	3.76	cps
Silver	107-1	350	283	300	311	11.15	cps
Sodium	23-2	11539	11705	11447	11564	1.13	cps
Strontium	86-1	683	550	625	619	10.79	cps
Strontium	88-1	167	158	92	139	29.60	cps
Sulfur	34-1	366555	369404	368544	368168	0.40	cps
Terbium	159-1	12848204	12819636	12218704	12628848	2.81	cps
Terbium	159-2	3485211	3474827	3484758	3481599	0.17	cps
Thallium	203-1	408	433	383	408	6.12	cps
Thallium	205-1	933	842	867	881	5.38	cps
Tin	118-1	1158	1158	1333	1217	8.30	cps
Titanium	47-1	158	125	158	147	13.07	cps
Uranium	238-1	75	42	42	53	36.46	cps
Vanadium	51-2	7	7	20	11	69.25	cps
Yttrium	89-1	11888059	11957155	11550097	11798437	1.85	cps
Yttrium	89-2	525836	520174	511282	519097	1.41	cps
Zinc	66-2	107	107	120	111	6.93	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:03:38	DataFile Name :	041CCBE_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1000	1042	908	983	6.94	cps
Zirconium	91-1	242	200	283	242	17.24	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	100	25	56	70.88	cps
Antimony	121-1	2775	3092	2967	2945	5.42	cps
Arsenic	75-2	44	20	24	30	43.76	cps
Barium	135-1	2000	1850	1984	1945	4.23	cps
Barium	137-1	3426	3326	3409	3387	1.58	cps
Beryllium	9-1	356	339	417	370	11.06	cps
Bismuth	209-1	7047681	6975314	6943851	6988949	0.76	cps
Bismuth	209-2	2571119	2542048	2552930	2555366	0.57	cps
Boron	10-1	650	600	550	600	8.33	cps
Boron	11-1	2642	2617	2642	2634	0.55	cps
Cadmium	111-1	1944	1804	1922	1890	3.98	cps
Cadmium	106-1	2234	1967	2250	2150	7.40	cps
Cadmium	108-1	58	63	58	60	4.03	cps
Calcium	43-1	1125	1183	1208	1172	3.65	cps
Calcium	44-1	34845	36223	36165	35744	2.18	cps
Chromium	52-2	1003	940	950	964	3.53	cps
Cobalt	59-2	627	683	627	646	5.07	cps
Copper	63-2	1443	1370	1613	1476	8.46	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	42	39	12.37	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	67	92	33	64	45.81	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Holmium	165-1	12116715	11877823	12011998	12002179	1.00	cps
Holmium	165-2	3525151	3448969	3445858	3473326	1.29	cps
Indium	115-1	10621878	10561102	10632071	10605017	0.36	cps
Indium	115-2	650817	655898	650522	652412	0.46	cps
Iron	56-2	11338	11533	11255	11375	1.25	cps
Iron	57-2	289	289	350	309	11.41	cps
Krypton	83-1	457	317	413	396	18.12	cps
Lead	206-1	1372	1389	1595	1452	8.53	cps
Lead	207-1	1356	1322	1261	1313	3.65	cps
Lead	208-1	5462	5862	5895	5740	4.20	cps
Lithium	6-1	2137735	2114226	2160137	2137366	1.07	cps
Magnesium	24-2	1492	1233	1483	1403	10.47	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197	190	223	203	8.67	cps
Molybdenum	94-1	4092	3759	3909	3920	4.26	cps
Molybdenum	95-1	4543	4318	5068	4643	8.29	cps
Molybdenum	96-1	5810	5226	5043	5360	7.47	cps
Molybdenum	97-1	3001	3017	2484	2834	10.70	cps
Molybdenum	98-1	7269	7077	7461	7269	2.64	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	257	313	290	287	9.94	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3951	4001	3884	3945	1.48	cps
Rhodium	103-1	10188547	10249025	10260742	10232771	0.38	cps
Rhodium	103-2	3564352	3561338	3563796	3563162	0.05	cps
Scandium	45-1	6771135	6797104	6925355	6831198	1.21	cps
Scandium	45-2	77911	78256	77335	77834	0.60	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	17	9	12	36.47	cps
Selenium	82-1	210	311	283	268	19.39	cps
Silicon	28-1	354710	350194	352046	352316	0.64	cps
Silver	109-1	2067	2159	2200	2142	3.18	cps
Silver	107-1	2259	2392	2234	2295	3.71	cps
Sodium	23-2	12990	13465	14792	13749	6.79	cps
Strontium	86-1	1217	1233	1350	1267	5.73	cps
Strontium	88-1	4651	4693	4959	4768	3.51	cps
Sulfur	34-1	374053	376608	376378	375679	0.38	cps
Terbium	159-1	12410186	12519022	12511341	12480183	0.49	cps
Terbium	159-2	3474717	3442880	3404668	3440755	1.02	cps
Thallium	203-1	1584	1617	1392	1531	7.93	cps
Thallium	205-1	3792	3717	3793	3767	1.15	cps
Tin	118-1	2850	2492	2717	2686	6.74	cps
Titanium	47-1	1458	1117	1358	1311	13.40	cps
Uranium	238-1	3409	3851	3534	3598	6.33	cps
Vanadium	51-2	213	203	170	196	11.60	cps
Yttrium	89-1	11659218	11700491	11675184	11678298	0.18	cps
Yttrium	89-2	507543	509681	505930	507718	0.37	cps
Zinc	66-2	127	193	127	149	25.85	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-8	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:06:58	DataFile Name :	042SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	3859	3759	3670	6.70	cps
Zirconium	91-1	817	850	767	811	5.17	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	133	67	92	39.63	cps
Antimony	121-1	2717	2634	2417	2589	5.98	cps
Arsenic	75-2	44	44	37	42	10.18	cps
Barium	135-1	2234	2017	2192	2147	5.35	cps
Barium	137-1	3576	3142	3559	3426	7.17	cps
Beryllium	9-1	367	400	256	341	22.20	cps
Bismuth	209-1	7127699	6951725	6668637	6916020	3.35	cps
Bismuth	209-2	2560607	2549838	2545991	2552145	0.30	cps
Boron	10-1	608	492	458	519	15.16	cps
Boron	11-1	2267	2309	2192	2256	2.62	cps
Cadmium	111-1	1974	1891	1999	1955	2.89	cps
Cadmium	106-1	2175	2109	2142	2142	1.56	cps
Cadmium	108-1	46	79	83	69	29.60	cps
Calcium	43-1	1058	1092	1158	1103	4.62	cps
Calcium	44-1	35128	35504	35906	35513	1.09	cps
Chromium	52-2	1037	917	920	958	7.14	cps
Cobalt	59-2	650	697	703	683	4.25	cps
Copper	63-2	1503	1570	1553	1542	2.25	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	25	42	22	94.38	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	11962769	11775472	11305639	11681293	2.90	cps
Holmium	165-2	3473319	3468849	3440703	3460957	0.51	cps
Indium	115-1	10563008	10623081	10159029	10448372	2.42	cps
Indium	115-2	658996	652336	648886	653406	0.79	cps
Iron	56-2	11399	11494	11683	11525	1.25	cps
Iron	57-2	206	328	294	276	22.90	cps
Krypton	83-1	387	370	423	393	6.94	cps
Lead	206-1	1511	1322	1233	1356	10.47	cps
Lead	207-1	1361	1217	1278	1285	5.64	cps
Lead	208-1	5778	5517	5673	5656	2.32	cps
Lithium	6-1	2147093	2144025	2063961	2118360	2.23	cps
Magnesium	24-2	1267	1158	1433	1286	10.77	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	193	210	216	11.81	cps
Molybdenum	94-1	4051	4192	4434	4226	4.59	cps
Molybdenum	95-1	4609	4434	4743	4595	3.37	cps
Molybdenum	96-1	5435	4709	5268	5137	7.40	cps
Molybdenum	97-1	2542	3176	2859	2859	11.08	cps
Molybdenum	98-1	7486	7728	7411	7541	2.20	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	207	190	221	18.24	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4101	4201	4276	4192	2.10	cps
Rhodium	103-1	10203524	10269514	9980766	10151268	1.49	cps
Rhodium	103-2	3600080	3572314	3546440	3572944	0.75	cps
Scandium	45-1	6800875	6777031	6528297	6702068	2.25	cps
Scandium	45-2	78742	78052	77808	78201	0.62	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	20	15	7	14	45.80	cps
Selenium	82-1	294	353	200	282	27.37	cps
Silicon	28-1	352669	350925	353754	352449	0.40	cps
Silver	109-1	2242	2292	2309	2281	1.52	cps
Silver	107-1	2250	2425	2209	2295	5.01	cps
Sodium	23-2	13732	13348	13123	13401	2.30	cps
Strontium	86-1	1208	1325	1133	1222	7.90	cps
Strontium	88-1	5318	5126	5168	5204	1.94	cps
Sulfur	34-1	375342	378584	378699	377542	0.50	cps
Terbium	159-1	12558252	12436299	11896359	12296970	2.86	cps
Terbium	159-2	3390296	3437113	3425558	3417656	0.71	cps
Thallium	203-1	1450	1392	1684	1508	10.23	cps
Thallium	205-1	3609	3751	3951	3770	4.55	cps
Tin	118-1	2750	2550	2825	2709	5.25	cps
Titanium	47-1	1267	1308	1442	1339	6.83	cps
Uranium	238-1	3809	3876	3767	3817	1.43	cps
Vanadium	51-2	230	170	240	213	17.75	cps
Yttrium	89-1	11569936	11477098	11135927	11394320	2.01	cps
Yttrium	89-2	509611	508567	500678	506285	0.96	cps
Zinc	66-2	183	170	183	179	4.31	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-9	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:10:18	DataFile Name :	043SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3817	3734	3692	3748	1.70	cps
Zirconium	91-1	892	858	1000	917	8.08	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	58	75	19.24	cps
Antimony	121-1	2350	2375	2517	2414	3.72	cps
Arsenic	75-2	48	39	44	44	10.63	cps
Barium	135-1	1984	2334	1917	2078	10.77	cps
Barium	137-1	3342	3917	3276	3512	10.05	cps
Beryllium	9-1	389	417	389	398	4.03	cps
Bismuth	209-1	7083582	6856464	7220265	7053437	2.61	cps
Bismuth	209-2	2517860	2396289	2523160	2479103	2.89	cps
Boron	10-1	475	483	408	456	9.02	cps
Boron	11-1	1867	2184	2017	2022	7.83	cps
Cadmium	111-1	2030	1900	1866	1932	4.48	cps
Cadmium	106-1	2317	2059	2067	2148	6.84	cps
Cadmium	108-1	42	29	38	36	17.62	cps
Calcium	43-1	1258	1058	842	1053	19.79	cps
Calcium	44-1	34585	33842	34017	34148	1.14	cps
Chromium	52-2	947	943	953	948	0.54	cps
Cobalt	59-2	703	570	640	638	10.46	cps
Copper	63-2	1530	1550	1490	1523	2.01	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	11844461	11755236	11940930	11846876	0.78	cps
Holmium	165-2	3434941	3279152	3422486	3378860	2.56	cps
Indium	115-1	10651473	10494745	10753962	10633393	1.23	cps
Indium	115-2	650731	616580	638273	635195	2.72	cps
Iron	56-2	10760	11433	11828	11340	4.76	cps
Iron	57-2	267	306	222	265	15.75	cps
Krypton	83-1	427	410	430	422	2.54	cps
Lead	206-1	1289	1389	1306	1328	4.04	cps
Lead	207-1	1211	1206	1233	1217	1.21	cps
Lead	208-1	5384	5623	5678	5562	2.81	cps
Lithium	6-1	2175224	2117288	2201159	2164557	1.98	cps
Magnesium	24-2	1200	1217	1117	1178	4.55	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167	203	207	192	11.55	cps
Molybdenum	94-1	4168	3692	3651	3837	7.48	cps
Molybdenum	95-1	4559	4701	4326	4529	4.18	cps
Molybdenum	96-1	5060	5143	5168	5123	1.11	cps
Molybdenum	97-1	2659	2875	2934	2823	5.13	cps
Molybdenum	98-1	7086	6785	7144	7005	2.75	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	240	300	260	267	11.46	cps
Phosphorus	31-2	8	8	42	19	99.00	cps
Potassium	39-2	4268	4209	4409	4295	2.40	cps
Rhodium	103-1	10264202	10009459	10223698	10165786	1.35	cps
Rhodium	103-2	3550244	3325596	3536522	3470787	3.63	cps
Scandium	45-1	6839023	6749776	6902964	6830588	1.13	cps
Scandium	45-2	77499	73958	77043	76167	2.53	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	11	4	5	114.60	cps
Selenium	82-1	259	275	227	254	9.70	cps
Silicon	28-1	351944	354102	355894	353980	0.56	cps
Silver	109-1	2125	2242	2600	2323	10.66	cps
Silver	107-1	2350	2225	2409	2328	4.02	cps
Sodium	23-2	12998	13540	13315	13284	2.05	cps
Strontium	86-1	1225	1242	1142	1203	4.45	cps
Strontium	88-1	4926	5176	5076	5060	2.49	cps
Sulfur	34-1	380123	381100	381314	380845	0.17	cps
Terbium	159-1	12557561	12401628	12495309	12484833	0.63	cps
Terbium	159-2	3406248	3185741	3385922	3325970	3.66	cps
Thallium	203-1	1750	1575	1550	1625	6.71	cps
Thallium	205-1	3509	3359	3817	3562	6.56	cps
Tin	118-1	2734	2734	2525	2664	4.52	cps
Titanium	47-1	1250	1542	1383	1392	10.49	cps
Uranium	238-1	3751	4009	4126	3962	4.85	cps
Vanadium	51-2	227	190	233	217	10.77	cps
Yttrium	89-1	11675313	11374019	11618371	11555901	1.39	cps
Yttrium	89-2	504339	472813	496784	491312	3.35	cps
Zinc	66-2	137	147	160	148	7.92	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-10	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:13:37	DataFile Name :	044SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3967	3667	3642	3759	4.81	cps
Zirconium	91-1	958	783	833	858	10.50	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	58	69	27.71	cps
Antimony	121-1	2192	2400	2217	2270	5.01	cps
Arsenic	75-2	41	46	30	39	21.82	cps
Barium	135-1	2125	1934	2025	2028	4.73	cps
Barium	137-1	3642	3517	3384	3515	3.68	cps
Beryllium	9-1	339	361	467	389	17.56	cps
Bismuth	209-1	6751233	6861372	7046281	6886295	2.17	cps
Bismuth	209-2	2507099	2478873	2524804	2503592	0.93	cps
Boron	10-1	442	417	475	444	6.59	cps
Boron	11-1	1709	1817	2092	1872	10.56	cps
Cadmium	111-1	1699	1972	1876	1849	7.50	cps
Cadmium	106-1	1859	2142	2142	2047	7.99	cps
Cadmium	108-1	33	33	46	37	19.25	cps
Calcium	43-1	1067	967	1225	1086	11.99	cps
Calcium	44-1	33349	33650	34168	33722	1.23	cps
Chromium	52-2	1080	960	983	1008	6.31	cps
Cobalt	59-2	640	703	753	699	8.13	cps
Copper	63-2	1590	1453	1470	1505	4.96	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	67	83	92	81	15.80	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	11510373	11595175	11748547	11618032	1.04	cps
Holmium	165-2	3439771	3385692	3444634	3423366	0.96	cps
Indium	115-1	10340423	10257213	10636738	10411458	1.92	cps
Indium	115-2	647043	640542	637342	641642	0.77	cps
Iron	56-2	11199	11661	11411	11424	2.02	cps
Iron	57-2	306	333	339	326	5.48	cps
Krypton	83-1	437	417	347	400	11.81	cps
Lead	206-1	1372	1250	1467	1363	7.97	cps
Lead	207-1	1311	1306	1245	1287	2.87	cps
Lead	208-1	5734	5578	5434	5582	2.69	cps
Lithium	6-1	2083561	2109082	2139575	2110740	1.33	cps
Magnesium	24-2	1217	1158	1450	1275	12.11	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	227	240	218	12.75	cps
Molybdenum	94-1	3934	3801	3959	3898	2.19	cps
Molybdenum	95-1	4251	4443	4351	4348	2.20	cps
Molybdenum	96-1	4976	4843	4934	4918	1.39	cps
Molybdenum	97-1	3117	2934	2892	2981	4.02	cps
Molybdenum	98-1	6560	7327	6860	6916	5.59	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	233	280	217	243	13.49	cps
Phosphorus	31-2	42	8	8	19	99.00	cps
Potassium	39-2	4168	3984	3734	3962	5.49	cps
Rhodium	103-1	9784355	9942565	10182425	9969782	2.01	cps
Rhodium	103-2	3494638	3522361	3516697	3511232	0.42	cps
Scandium	45-1	6520596	6650132	6793224	6654650	2.05	cps
Scandium	45-2	76350	76420	76966	76579	0.44	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	13	15	11	44.06	cps
Selenium	82-1	215	201	319	245	26.31	cps
Silicon	28-1	354497	351849	353514	353287	0.38	cps
Silver	109-1	2225	2092	1992	2103	5.57	cps
Silver	107-1	2225	2167	2442	2278	6.36	cps
Sodium	23-2	12331	13624	12965	12973	4.98	cps
Strontium	86-1	1283	1217	1108	1203	7.34	cps
Strontium	88-1	5034	4818	4993	4948	2.32	cps
Sulfur	34-1	382016	384800	384580	383799	0.40	cps
Terbium	159-1	12039944	12155267	12428321	12207844	1.63	cps
Terbium	159-2	3347324	3341867	3377250	3355480	0.57	cps
Thallium	203-1	1417	1492	1592	1500	5.85	cps
Thallium	205-1	3826	3717	3492	3678	4.62	cps
Tin	118-1	2775	2759	2542	2692	4.84	cps
Titanium	47-1	1200	1342	1408	1317	8.08	cps
Uranium	238-1	3876	3576	3676	3709	4.12	cps
Vanadium	51-2	177	163	193	178	8.45	cps
Yttrium	89-1	11019119	11204072	11408626	11210606	1.74	cps
Yttrium	89-2	496482	496685	494527	495898	0.24	cps
Zinc	66-2	170	157	117	148	18.78	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-11	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:16:57	DataFile Name :	045SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3667	3551	3501	3573	2.39	cps
Zirconium	91-1	858	858	767	828	6.39	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	75	56	31.22	cps
Antimony	121-1	2142	2292	2184	2206	3.51	cps
Arsenic	75-2	28	35	28	30	14.14	cps
Barium	135-1	1917	1884	2125	1975	6.63	cps
Barium	137-1	3259	3134	3542	3312	6.32	cps
Beryllium	9-1	344	339	294	326	8.41	cps
Bismuth	209-1	6835771	6823188	6952208	6870389	1.04	cps
Bismuth	209-2	2455019	2447066	2431859	2444648	0.48	cps
Boron	10-1	367	408	425	400	7.51	cps
Boron	11-1	1650	1650	1800	1700	5.10	cps
Cadmium	111-1	1962	1920	1950	1944	1.12	cps
Cadmium	106-1	2284	2184	2225	2231	2.25	cps
Cadmium	108-1	46	54	29	43	29.56	cps
Calcium	43-1	1183	1108	1158	1150	3.32	cps
Calcium	44-1	34844	33249	33399	33831	2.60	cps
Chromium	52-2	940	917	973	943	3.02	cps
Cobalt	59-2	583	703	733	673	11.79	cps
Copper	63-2	1553	1313	1467	1445	8.41	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	83	50	92	75	29.40	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	11583288	11584825	11711934	11626682	0.64	cps
Holmium	165-2	3368620	3263608	3340217	3324148	1.63	cps
Indium	115-1	10434799	10165485	10366219	10322168	1.36	cps
Indium	115-2	636452	618023	620813	625096	1.59	cps
Iron	56-2	10660	10877	11049	10862	1.80	cps
Iron	57-2	217	339	233	263	25.21	cps
Krypton	83-1	367	383	450	400	11.02	cps
Lead	206-1	1239	1300	1378	1306	5.33	cps
Lead	207-1	1239	1100	1206	1182	6.14	cps
Lead	208-1	5162	5240	5551	5317	3.87	cps
Lithium	6-1	2108471	2095478	2171589	2125180	1.92	cps
Magnesium	24-2	1275	1275	1158	1236	5.45	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	227	217	208	11.83	cps
Molybdenum	94-1	3767	3851	3876	3831	1.48	cps
Molybdenum	95-1	4176	3726	4318	4073	7.59	cps
Molybdenum	96-1	4826	4601	4851	4759	2.89	cps
Molybdenum	97-1	2684	2600	2559	2614	2.43	cps
Molybdenum	98-1	6677	6944	6577	6733	2.82	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	240	253	257	250	3.53	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	4184	4068	3951	4067	2.87	cps
Rhodium	103-1	10050026	9838438	10294830	10061098	2.27	cps
Rhodium	103-2	3499351	3395128	3415894	3436791	1.61	cps
Scandium	45-1	6796844	6615478	6792552	6734958	1.54	cps
Scandium	45-2	76376	74350	74963	75230	1.38	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	11	9	17	12	31.24	cps
Selenium	82-1	273	199	124	199	37.42	cps
Silicon	28-1	356517	353919	350627	353688	0.83	cps
Silver	109-1	1850	2034	1992	1959	4.91	cps
Silver	107-1	2000	2150	2309	2153	7.16	cps
Sodium	23-2	13407	12364	13106	12959	4.14	cps
Strontium	86-1	1083	1242	1025	1117	10.04	cps
Strontium	88-1	4409	4776	4426	4537	4.57	cps
Sulfur	34-1	383205	382556	385879	383880	0.46	cps
Terbium	159-1	12265604	12107446	12313722	12228924	0.88	cps
Terbium	159-2	3322457	3231022	3268659	3274046	1.40	cps
Thallium	203-1	1300	1425	1442	1389	5.57	cps
Thallium	205-1	3276	3384	3434	3364	2.41	cps
Tin	118-1	2392	2500	2392	2428	2.58	cps
Titanium	47-1	1417	1392	1200	1336	8.87	cps
Uranium	238-1	3259	3626	3901	3595	8.96	cps
Vanadium	51-2	203	217	223	214	4.75	cps
Yttrium	89-1	11408081	11260787	11477544	11382137	0.97	cps
Yttrium	89-2	493228	478536	485819	485861	1.51	cps
Zinc	66-2	167	143	187	166	13.10	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-12	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:20:16	DataFile Name :	046SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3459	3551	3584	3531	1.83	cps
Zirconium	91-1	750	617	800	722	13.12	cps

LB Number : LB95630 Operator : Jaswal
 Lab Sample ID : WATRE MDL-13 Instrumnet Name : P8
 Client Sample ID : WATRE MDL-13 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-23 15:23:36 DataFile Name : 047SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	25	47	44.41	cps
Antimony	121-1	1859	2100	2100	2020	6.91	cps
Arsenic	75-2	35	24	37	32	21.85	cps
Barium	135-1	1975	1742	1842	1853	6.32	cps
Barium	137-1	3292	3392	3409	3364	1.88	cps
Beryllium	9-1	311	322	378	337	10.60	cps
Bismuth	209-1	6953691	6857547	6879170	6896803	0.73	cps
Bismuth	209-2	2495965	2324426	2457629	2426006	3.71	cps
Boron	10-1	350	400	408	386	8.17	cps
Boron	11-1	1692	1867	1708	1756	5.50	cps
Cadmium	111-1	1824	2066	1912	1934	6.33	cps
Cadmium	106-1	2100	2259	2142	2167	3.79	cps
Cadmium	108-1	42	33	42	39	12.38	cps
Calcium	43-1	1092	1142	1025	1086	5.39	cps
Calcium	44-1	33524	34769	33683	33992	1.99	cps
Chromium	52-2	910	1007	940	952	5.20	cps
Cobalt	59-2	633	647	660	647	2.06	cps
Copper	63-2	1393	1403	1513	1437	4.63	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	83	100	50	78	32.74	cps
Gadolinium	160-2	13	0	20	11	91.66	cps
Holmium	165-1	11736538	11641728	11897030	11758432	1.10	cps
Holmium	165-2	3361758	3172620	3394284	3309554	3.62	cps
Indium	115-1	10441789	10365590	10460179	10422519	0.48	cps
Indium	115-2	631503	590860	632946	618436	3.86	cps
Iron	56-2	10805	10916	10693	10805	1.03	cps
Iron	57-2	228	322	322	291	18.75	cps
Krypton	83-1	333	393	403	377	10.05	cps
Lead	206-1	1250	1411	1450	1370	7.74	cps
Lead	207-1	1150	1350	1117	1206	10.47	cps
Lead	208-1	5362	5517	5084	5321	4.13	cps
Lithium	6-1	2131338	2119274	2158736	2136449	0.95	cps
Magnesium	24-2	1025	1567	1092	1228	24.06	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-13	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:23:36	DataFile Name :	047SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	243	200	214	11.67	cps
Molybdenum	94-1	3559	3367	3617	3515	3.72	cps
Molybdenum	95-1	4418	4151	3984	4184	5.23	cps
Molybdenum	96-1	4743	4668	4534	4648	2.27	cps
Molybdenum	97-1	2542	2609	2625	2592	1.70	cps
Molybdenum	98-1	6544	6210	6293	6349	2.73	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	253	190	270	238	17.75	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	4326	3692	4309	4109	8.79	cps
Rhodium	103-1	10143468	9962223	10085114	10063602	0.92	cps
Rhodium	103-2	3509483	3207853	3444920	3387419	4.69	cps
Scandium	45-1	6798171	6651568	6669962	6706567	1.19	cps
Scandium	45-2	75653	71399	77349	74800	4.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	7	13	9	44.56	cps
Selenium	82-1	237	229	226	231	2.43	cps
Silicon	28-1	355078	352278	351156	352838	0.57	cps
Silver	109-1	2150	2100	2142	2131	1.26	cps
Silver	107-1	2025	2367	2242	2211	7.82	cps
Sodium	23-2	12131	12948	12631	12570	3.28	cps
Strontium	86-1	1283	1275	967	1175	15.36	cps
Strontium	88-1	5051	4167	4893	4704	10.02	cps
Sulfur	34-1	383080	386921	382366	384122	0.64	cps
Terbium	159-1	12304922	12059723	12270776	12211807	1.09	cps
Terbium	159-2	3252873	3101969	3349058	3234633	3.85	cps
Thallium	203-1	1258	1375	1325	1320	4.44	cps
Thallium	205-1	3559	3217	3084	3287	7.46	cps
Tin	118-1	2467	2200	2309	2325	5.77	cps
Titanium	47-1	1133	1192	1258	1195	5.24	cps
Uranium	238-1	3801	3517	3542	3620	4.33	cps
Vanadium	51-2	183	220	200	201	9.13	cps
Yttrium	89-1	11346969	11075091	11452316	11291459	1.72	cps
Yttrium	89-2	493363	460628	490135	481376	3.75	cps
Zinc	66-2	177	193	150	173	12.61	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-13	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:23:36	DataFile Name :	047SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3451	3284	3592	3442	4.49	cps
Zirconium	91-1	633	575	692	633	9.21	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	67	69	6.93	cps
Antimony	121-1	1975	2142	2217	2111	5.86	cps
Arsenic	75-2	39	19	31	30	34.80	cps
Barium	135-1	2050	2284	2042	2125	6.46	cps
Barium	137-1	3509	3526	3684	3573	2.70	cps
Beryllium	9-1	361	356	367	361	1.54	cps
Bismuth	209-1	6928643	6705821	6682797	6772420	2.00	cps
Bismuth	209-2	2452967	2480729	2515836	2483177	1.27	cps
Boron	10-1	433	342	450	408	14.29	cps
Boron	11-1	1458	1542	1850	1617	12.76	cps
Cadmium	111-1	1892	1992	1802	1895	5.03	cps
Cadmium	106-1	2050	2200	1917	2056	6.90	cps
Cadmium	108-1	38	63	33	44	35.50	cps
Calcium	43-1	1025	1183	1075	1095	7.40	cps
Calcium	44-1	33951	32990	32831	33257	1.82	cps
Chromium	52-2	973	880	967	940	5.54	cps
Cobalt	59-2	653	710	600	654	8.41	cps
Copper	63-2	1483	1430	1543	1486	3.82	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	30	3	10	14	96.09	cps
Gadolinium	160-1	67	58	125	83	43.59	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	11681746	11472898	11268882	11474509	1.80	cps
Holmium	165-2	3348932	3451597	3412321	3404284	1.52	cps
Indium	115-1	10479185	10134009	9941266	10184820	2.68	cps
Indium	115-2	640341	637107	641677	639708	0.37	cps
Iron	56-2	11322	11672	10932	11309	3.27	cps
Iron	57-2	289	239	267	265	9.46	cps
Krypton	83-1	393	390	460	414	9.53	cps
Lead	206-1	1306	1239	1383	1309	5.52	cps
Lead	207-1	1239	1306	1272	1272	2.62	cps
Lead	208-1	5356	5451	5517	5441	1.49	cps
Lithium	6-1	2164345	2123215	2072988	2120182	2.16	cps
Magnesium	24-2	1133	1458	1200	1264	13.58	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213	227	163	201	16.60	cps
Molybdenum	94-1	3642	3592	3551	3595	1.28	cps
Molybdenum	95-1	4543	4234	4309	4362	3.69	cps
Molybdenum	96-1	4834	5185	4684	4901	5.24	cps
Molybdenum	97-1	2692	2534	2792	2673	4.88	cps
Molybdenum	98-1	6769	7110	6677	6852	3.33	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	237	260	233	12.21	cps
Phosphorus	31-2	0	8	33	14	124.91	cps
Potassium	39-2	4701	3901	4509	4370	9.56	cps
Rhodium	103-1	10072777	9819085	9621980	9837947	2.30	cps
Rhodium	103-2	3464938	3493473	3514474	3490962	0.71	cps
Scandium	45-1	6762879	6672633	6500867	6645459	2.00	cps
Scandium	45-2	75505	77026	78398	76976	1.88	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	7	11	20	13	51.50	cps
Selenium	82-1	204	221	144	190	21.46	cps
Silicon	28-1	353588	353895	356736	354740	0.49	cps
Silver	109-1	2050	2142	1959	2050	4.47	cps
Silver	107-1	2267	2434	2125	2275	6.78	cps
Sodium	23-2	12840	13515	13440	13265	2.79	cps
Strontium	86-1	1175	1175	1358	1236	8.56	cps
Strontium	88-1	5009	4809	4693	4837	3.31	cps
Sulfur	34-1	391405	385279	382215	386300	1.21	cps
Terbium	159-1	12316899	12126009	11727418	12056775	2.49	cps
Terbium	159-2	3303225	3375560	3347468	3342084	1.09	cps
Thallium	203-1	1350	1317	1409	1358	3.42	cps
Thallium	205-1	3376	3459	3684	3506	4.55	cps
Tin	118-1	2367	2292	2334	2331	1.61	cps
Titanium	47-1	1275	1450	1208	1311	9.52	cps
Uranium	238-1	3884	3776	3842	3834	1.43	cps
Vanadium	51-2	213	183	233	210	11.98	cps
Yttrium	89-1	11398969	11130132	10972388	11167163	1.93	cps
Yttrium	89-2	488845	496800	491735	492460	0.82	cps
Zinc	66-2	157	167	153	159	4.37	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	WATRE MDL-14	Instrumnet Name :	P8
Client Sample ID :	WATRE MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:26:56	DataFile Name :	048SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3559	3501	3467	3509	1.32	cps
Zirconium	91-1	817	717	825	786	7.67	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	42	72	37.09	cps
Antimony	121-1	2084	2059	1759	1967	9.20	cps
Arsenic	75-2	54	26	43	41	34.31	cps
Barium	135-1	1917	2134	1850	1967	7.53	cps
Barium	137-1	3634	3267	3976	3626	9.77	cps
Beryllium	9-1	389	250	383	341	23.08	cps
Bismuth	209-1	6802601	6762556	6916978	6827378	1.17	cps
Bismuth	209-2	2484864	2504162	2490193	2493073	0.40	cps
Boron	10-1	308	325	350	328	6.40	cps
Boron	11-1	1433	1550	1475	1486	3.98	cps
Cadmium	111-1	1930	1941	2011	1961	2.24	cps
Cadmium	106-1	2167	2209	2275	2217	2.47	cps
Cadmium	108-1	58	25	33	39	44.62	cps
Calcium	43-1	1133	983	1142	1086	8.20	cps
Calcium	44-1	32840	34301	33466	33536	2.19	cps
Chromium	52-2	920	970	987	959	3.62	cps
Cobalt	59-2	613	650	513	592	11.94	cps
Copper	63-2	1460	1437	1487	1461	1.71	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	108	67	78	34.44	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	11431818	11518987	11703696	11551501	1.20	cps
Holmium	165-2	3401820	3479788	3433268	3438292	1.14	cps
Indium	115-1	10037923	10221859	10644736	10301506	3.02	cps
Indium	115-2	635083	637676	637929	636896	0.25	cps
Iron	56-2	11499	11538	11499	11512	0.20	cps
Iron	57-2	289	311	272	291	6.71	cps
Krypton	83-1	360	370	377	369	2.27	cps
Lead	206-1	1395	1195	1228	1272	8.42	cps
Lead	207-1	1222	1328	1367	1306	5.73	cps
Lead	208-1	5573	5406	5451	5477	1.58	cps
Lithium	6-1	2118599	2072580	2175778	2122319	2.44	cps
Magnesium	24-2	1217	1500	1200	1306	12.92	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	273	227	220	25.89	cps
Molybdenum	94-1	3742	3851	3651	3748	2.67	cps
Molybdenum	95-1	4159	4776	4184	4373	7.98	cps
Molybdenum	96-1	5226	4851	5026	5034	3.73	cps
Molybdenum	97-1	3075	3000	2667	2914	7.46	cps
Molybdenum	98-1	7144	7169	7002	7105	1.27	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	250	190	241	19.62	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	4009	4351	4143	4167	4.13	cps
Rhodium	103-1	9661906	9889660	10194079	9915215	2.69	cps
Rhodium	103-2	3506619	3492276	3523109	3507335	0.44	cps
Scandium	45-1	6585435	6630008	6795441	6670295	1.66	cps
Scandium	45-2	76289	78397	76058	76915	1.68	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	265	281	233	260	9.30	cps
Silicon	28-1	354453	351291	352121	352622	0.46	cps
Silver	109-1	2159	2125	2192	2159	1.55	cps
Silver	107-1	2275	2259	2325	2286	1.52	cps
Sodium	23-2	13173	13157	12673	13001	2.19	cps
Strontium	86-1	1200	1150	1100	1150	4.35	cps
Strontium	88-1	5026	4843	5360	5076	5.16	cps
Sulfur	34-1	385441	390492	391804	389246	0.86	cps
Terbium	159-1	11891921	12011288	12206398	12036536	1.32	cps
Terbium	159-2	3306395	3365098	3322137	3331210	0.91	cps
Thallium	203-1	1400	1417	1617	1478	8.16	cps
Thallium	205-1	3767	3842	3584	3731	3.56	cps
Tin	118-1	2425	2317	2600	2448	5.84	cps
Titanium	47-1	1525	1350	1483	1453	6.29	cps
Uranium	238-1	3834	3867	3476	3726	5.83	cps
Vanadium	51-2	243	237	220	233	5.15	cps
Yttrium	89-1	10895329	11002271	11475801	11124467	2.78	cps
Yttrium	89-2	491981	496940	495034	494652	0.51	cps
Zinc	66-2	130	180	190	167	19.29	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:30:16	DataFile Name :	049SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3359	3567	3642	3523	4.17	cps
Zirconium	91-1	842	858	633	778	16.12	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	83	86	5.58	cps
Antimony	121-1	2034	2092	2200	2109	4.01	cps
Arsenic	75-2	31	43	35	36	15.53	cps
Barium	135-1	1892	1967	1992	1950	2.67	cps
Barium	137-1	3509	3509	3401	3473	1.80	cps
Beryllium	9-1	322	317	272	304	9.02	cps
Bismuth	209-1	6920627	6830027	6758872	6836509	1.19	cps
Bismuth	209-2	2487068	2528047	2469423	2494846	1.21	cps
Boron	10-1	350	267	267	294	16.34	cps
Boron	11-1	1483	1475	1325	1428	6.24	cps
Cadmium	111-1	1770	1983	1811	1855	6.11	cps
Cadmium	106-1	2000	2209	2034	2081	5.38	cps
Cadmium	108-1	38	54	54	49	19.80	cps
Calcium	43-1	933	1342	900	1058	23.24	cps
Calcium	44-1	33575	32313	33249	33046	1.98	cps
Chromium	52-2	890	837	973	900	7.65	cps
Cobalt	59-2	597	703	630	643	8.48	cps
Copper	63-2	1440	1483	1503	1476	2.19	cps
Dysprosium	156-1	33	17	8	19	65.48	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	67	25	50	44.10	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	108	50	92	83	36.06	cps
Gadolinium	160-2	10	23	27	20	44.10	cps
Holmium	165-1	11703376	11524571	11553366	11593771	0.83	cps
Holmium	165-2	3375573	3404336	3352998	3377635	0.76	cps
Indium	115-1	10459742	10290965	10203786	10318164	1.26	cps
Indium	115-2	636823	642450	633193	637489	0.73	cps
Iron	56-2	11027	11127	10682	10945	2.13	cps
Iron	57-2	333	278	261	291	13.01	cps
Krypton	83-1	413	353	363	377	8.53	cps
Lead	206-1	1256	1333	1117	1235	8.89	cps
Lead	207-1	1111	1122	1200	1145	4.23	cps
Lead	208-1	5156	5373	4906	5145	4.54	cps
Lithium	6-1	2147832	2133317	2127314	2136154	0.49	cps
Magnesium	24-2	1083	1008	1108	1067	4.88	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	180	220	196	10.96	cps
Molybdenum	94-1	3676	3359	3317	3451	5.68	cps
Molybdenum	95-1	4368	4126	4226	4240	2.87	cps
Molybdenum	96-1	4976	4859	4401	4746	6.41	cps
Molybdenum	97-1	2359	2867	2542	2589	9.94	cps
Molybdenum	98-1	6619	6210	6494	6441	3.25	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	243	233	231	5.83	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4251	4084	3951	4095	3.67	cps
Rhodium	103-1	10058157	9829383	9803350	9896963	1.42	cps
Rhodium	103-2	3498966	3510862	3481963	3497264	0.42	cps
Scandium	45-1	6751464	6715769	6787504	6751579	0.53	cps
Scandium	45-2	77402	76457	75622	76494	1.16	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	11	4	6	7	56.78	cps
Selenium	82-1	157	302	230	230	31.58	cps
Silicon	28-1	357195	357662	354839	356565	0.42	cps
Silver	109-1	1959	2192	2017	2056	5.91	cps
Silver	107-1	2117	2275	2159	2184	3.76	cps
Sodium	23-2	12589	13065	12039	12564	4.09	cps
Strontium	86-1	1175	1183	1108	1156	3.56	cps
Strontium	88-1	4584	4976	4568	4709	4.91	cps
Sulfur	34-1	385655	389104	386715	387158	0.46	cps
Terbium	159-1	12231579	12011168	12083524	12108757	0.93	cps
Terbium	159-2	3344253	3339679	3300131	3328021	0.73	cps
Thallium	203-1	1275	1283	1475	1345	8.42	cps
Thallium	205-1	3226	3134	3126	3162	1.75	cps
Tin	118-1	2292	2334	2184	2270	3.41	cps
Titanium	47-1	1417	1258	1092	1256	12.95	cps
Uranium	238-1	3417	3426	4009	3617	9.38	cps
Vanadium	51-2	210	197	187	198	5.92	cps
Yttrium	89-1	11520669	11119217	11048051	11229312	2.27	cps
Yttrium	89-2	495707	496898	491394	494666	0.59	cps
Zinc	66-2	160	127	133	140	12.60	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:33:37	DataFile Name :	050SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3501	3559	3242	3434	4.91	cps
Zirconium	91-1	825	808	833	822	1.55	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	100	86	14.79	cps
Antimony	121-1	2075	2217	2134	2142	3.32	cps
Arsenic	75-2	43	50	37	43	15.05	cps
Barium	135-1	2125	2150	1984	2086	4.31	cps
Barium	137-1	3651	3317	3492	3487	4.78	cps
Beryllium	9-1	256	389	361	335	20.99	cps
Bismuth	209-1	6887904	6838254	6947582	6891247	0.79	cps
Bismuth	209-2	2471377	2505741	2445558	2474225	1.22	cps
Boron	10-1	242	333	317	297	16.43	cps
Boron	11-1	1383	1508	1475	1456	4.45	cps
Cadmium	111-1	2020	1882	1833	1911	5.07	cps
Cadmium	106-1	2275	2075	2167	2173	4.61	cps
Cadmium	108-1	21	42	25	29	37.81	cps
Calcium	43-1	1117	983	983	1028	7.49	cps
Calcium	44-1	31637	32605	33442	32561	2.77	cps
Chromium	52-2	963	997	933	964	3.29	cps
Cobalt	59-2	627	663	707	666	6.02	cps
Copper	63-2	1347	1403	1510	1420	5.84	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	11519860	11392143	11715229	11542411	1.41	cps
Holmium	165-2	3444892	3367699	3339745	3384112	1.61	cps
Indium	115-1	10539144	10299280	10439933	10426119	1.16	cps
Indium	115-2	636186	638995	638121	637768	0.23	cps
Iron	56-2	11811	11171	10793	11259	4.57	cps
Iron	57-2	261	333	317	304	12.45	cps
Krypton	83-1	453	390	447	430	8.09	cps
Lead	206-1	1245	1350	1222	1272	5.37	cps
Lead	207-1	1206	1256	1150	1204	4.39	cps
Lead	208-1	5251	5323	5051	5208	2.71	cps
Lithium	6-1	2127773	2145705	2188892	2154123	1.46	cps
Magnesium	24-2	1283	1142	1125	1183	7.35	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210	213	177	200	10.14	cps
Molybdenum	94-1	3609	3576	3776	3653	2.93	cps
Molybdenum	95-1	4634	4676	4468	4593	2.40	cps
Molybdenum	96-1	4901	5026	4868	4932	1.69	cps
Molybdenum	97-1	2834	2867	2817	2839	0.90	cps
Molybdenum	98-1	7169	6719	6844	6910	3.36	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	223	223	230	226	1.71	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3884	4067	4001	3984	2.33	cps
Rhodium	103-1	10064762	9902692	10058935	10008796	0.92	cps
Rhodium	103-2	3494499	3534865	3470998	3500121	0.92	cps
Scandium	45-1	6739521	6666207	6856795	6754175	1.42	cps
Scandium	45-2	77640	76232	77587	77153	1.03	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	174	269	188	210	24.49	cps
Silicon	28-1	358276	358984	356822	358028	0.31	cps
Silver	109-1	2075	2367	2334	2259	7.07	cps
Silver	107-1	2250	2509	2084	2281	9.39	cps
Sodium	23-2	12423	11922	12798	12381	3.55	cps
Strontium	86-1	1167	1100	925	1064	11.73	cps
Strontium	88-1	4884	4659	5085	4876	4.36	cps
Sulfur	34-1	387161	385046	386207	386138	0.27	cps
Terbium	159-1	12304681	12103117	12185205	12197668	0.83	cps
Terbium	159-2	3312515	3325749	3262837	3300367	1.01	cps
Thallium	203-1	1508	1592	1525	1542	2.86	cps
Thallium	205-1	3284	3242	3367	3298	1.93	cps
Tin	118-1	2650	2692	2342	2561	7.47	cps
Titanium	47-1	1417	1467	1350	1411	4.15	cps
Uranium	238-1	3626	3859	3859	3781	3.56	cps
Vanadium	51-2	270	197	213	227	16.96	cps
Yttrium	89-1	11482041	11057777	11324851	11288223	1.90	cps
Yttrium	89-2	490642	493845	494531	493006	0.42	cps
Zinc	66-2	140	153	143	146	4.77	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:36:57	DataFile Name :	051SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3451	3334	3401	3395	1.72	cps
Zirconium	91-1	800	675	792	756	9.25	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	33	47	50.95	cps
Antimony	121-1	1925	2084	1842	1950	6.30	cps
Arsenic	75-2	43	28	46	39	25.20	cps
Barium	135-1	1950	1684	1959	1864	8.39	cps
Barium	137-1	3576	3534	3501	3537	1.06	cps
Beryllium	9-1	378	283	378	346	15.75	cps
Bismuth	209-1	6843551	6664717	6391540	6633269	3.43	cps
Bismuth	209-2	2438384	2477939	2428960	2448427	1.06	cps
Boron	10-1	192	342	267	267	28.13	cps
Boron	11-1	1000	1158	1117	1092	7.52	cps
Cadmium	111-1	1763	1706	1564	1678	6.10	cps
Cadmium	106-1	1967	1850	1750	1856	5.84	cps
Cadmium	108-1	50	50	46	49	4.95	cps
Calcium	43-1	908	1133	1142	1061	12.47	cps
Calcium	44-1	32472	33249	31980	32567	1.97	cps
Chromium	52-2	1010	957	947	971	3.51	cps
Cobalt	59-2	683	757	720	720	5.09	cps
Copper	63-2	1303	1463	1507	1425	7.52	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	75	58	75	69	13.85	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	11578312	11316232	10806302	11233615	3.49	cps
Holmium	165-2	3380840	3432538	3344260	3385879	1.31	cps
Indium	115-1	10403278	10134301	9706792	10081457	3.48	cps
Indium	115-2	632880	636235	631437	633517	0.39	cps
Iron	56-2	11283	11833	10893	11336	4.16	cps
Iron	57-2	394	283	289	322	19.43	cps
Krypton	83-1	477	380	437	431	11.27	cps
Lead	206-1	1239	1267	1217	1241	2.02	cps
Lead	207-1	1089	1217	1239	1182	6.85	cps
Lead	208-1	5095	5201	5534	5277	4.34	cps
Lithium	6-1	2137926	2101946	2022646	2087506	2.83	cps
Magnesium	24-2	1250	1375	1158	1261	8.62	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210	157	177	181	14.88	cps
Molybdenum	94-1	3626	3701	3226	3517	7.26	cps
Molybdenum	95-1	4318	3901	4451	4223	6.80	cps
Molybdenum	96-1	4701	4793	5226	4907	5.72	cps
Molybdenum	97-1	2509	2667	2642	2606	3.27	cps
Molybdenum	98-1	6677	6869	7161	6902	3.53	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	277	183	287	249	22.90	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	4151	4226	4034	4137	2.34	cps
Rhodium	103-1	9868404	9873947	9323314	9688555	3.26	cps
Rhodium	103-2	3475711	3474952	3467524	3472729	0.13	cps
Scandium	45-1	6702499	6705691	6412552	6606914	2.55	cps
Scandium	45-2	77332	77342	77894	77522	0.42	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	7	7	6	34.70	cps
Selenium	82-1	174	216	198	196	10.83	cps
Silicon	28-1	353937	352077	351268	352427	0.39	cps
Silver	109-1	2025	2034	2225	2095	5.40	cps
Silver	107-1	2609	2167	2075	2284	12.49	cps
Sodium	23-2	12614	13182	13265	13020	2.72	cps
Strontium	86-1	1017	1100	1075	1064	4.02	cps
Strontium	88-1	5051	5068	5210	5110	1.70	cps
Sulfur	34-1	389689	389247	385430	388122	0.60	cps
Terbium	159-1	12029073	11814798	11444293	11762721	2.52	cps
Terbium	159-2	3299546	3302507	3291913	3297988	0.17	cps
Thallium	203-1	1367	1342	1408	1372	2.45	cps
Thallium	205-1	3617	3109	3526	3417	7.93	cps
Tin	118-1	2534	2375	2209	2373	6.85	cps
Titanium	47-1	1442	1417	1300	1386	5.46	cps
Uranium	238-1	3809	3684	3551	3681	3.51	cps
Vanadium	51-2	217	193	207	206	5.69	cps
Yttrium	89-1	11184034	11144128	10619994	10982719	2.87	cps
Yttrium	89-2	492469	498784	492342	494531	0.74	cps
Zinc	66-2	150	143	110	134	15.94	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:40:17	DataFile Name :	052SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3367	3251	3376	3331	2.10	cps
Zirconium	91-1	867	767	658	764	13.64	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	1659	2159	1967	1928	13.09	cps
Arsenic	75-2	39	33	35	36	7.91	cps
Barium	135-1	1900	1859	2084	1947	6.15	cps
Barium	137-1	3334	3017	3176	3176	4.99	cps
Beryllium	9-1	328	367	289	328	11.86	cps
Bismuth	209-1	6720452	6742652	6712589	6725231	0.23	cps
Bismuth	209-2	2460137	2474811	2338489	2424479	3.09	cps
Boron	10-1	233	258	217	236	8.88	cps
Boron	11-1	1325	1317	1383	1342	2.71	cps
Cadmium	111-1	1901	1781	1843	1842	3.27	cps
Cadmium	106-1	2100	2050	2109	2086	1.51	cps
Cadmium	108-1	33	54	29	39	34.44	cps
Calcium	43-1	1092	950	1033	1025	6.95	cps
Calcium	44-1	31010	32130	32430	31857	2.35	cps
Chromium	52-2	973	910	903	929	4.16	cps
Cobalt	59-2	590	597	630	606	3.54	cps
Copper	63-2	1463	1467	1267	1399	8.19	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	13	7	23	14	58.06	cps
Holmium	165-1	11594888	11307076	11579672	11493879	1.41	cps
Holmium	165-2	3393262	3406257	3226488	3342002	3.00	cps
Indium	115-1	10344516	10181220	10448231	10324655	1.30	cps
Indium	115-2	639254	636229	604497	626660	3.07	cps
Iron	56-2	10682	10299	10966	10649	3.14	cps
Iron	57-2	289	311	261	287	8.73	cps
Krypton	83-1	373	430	363	389	9.25	cps
Lead	206-1	1161	1278	1161	1200	5.61	cps
Lead	207-1	1156	1061	1089	1102	4.41	cps
Lead	208-1	4989	5195	4923	5036	2.82	cps
Lithium	6-1	2148978	2117530	2113233	2126580	0.92	cps
Magnesium	24-2	1158	1267	1342	1256	7.34	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	173	190	189	7.96	cps
Molybdenum	94-1	3667	3801	3559	3676	3.29	cps
Molybdenum	95-1	4243	4017	4009	4090	3.24	cps
Molybdenum	96-1	4818	4468	4709	4665	3.84	cps
Molybdenum	97-1	2567	2425	2492	2495	2.84	cps
Molybdenum	98-1	6835	6594	6652	6694	1.88	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	207	240	228	8.06	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	4109	3926	4009	4015	2.29	cps
Rhodium	103-1	10113512	9823808	9954871	9964064	1.46	cps
Rhodium	103-2	3477581	3479430	3258501	3405171	3.73	cps
Scandium	45-1	6809585	6649536	6704893	6721338	1.21	cps
Scandium	45-2	77093	77046	73579	75906	2.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	9	9	9	0.00	cps
Selenium	82-1	207	193	219	207	6.27	cps
Silicon	28-1	352794	356570	355508	354958	0.55	cps
Silver	109-1	2025	2084	2150	2086	3.00	cps
Silver	107-1	2209	2192	1900	2100	8.26	cps
Sodium	23-2	12122	12214	12272	12203	0.62	cps
Strontium	86-1	1108	975	1383	1156	18.02	cps
Strontium	88-1	4201	4643	4876	4573	7.50	cps
Sulfur	34-1	388529	386299	388959	387929	0.37	cps
Terbium	159-1	12156220	11771251	12037182	11988218	1.64	cps
Terbium	159-2	3271851	3327097	3165680	3254876	2.52	cps
Thallium	203-1	1550	1375	1192	1372	13.06	cps
Thallium	205-1	3226	3342	3417	3328	2.90	cps
Tin	118-1	2459	2217	2584	2420	7.70	cps
Titanium	47-1	1183	1408	1275	1289	8.78	cps
Uranium	238-1	3334	3634	3426	3465	4.44	cps
Vanadium	51-2	167	177	227	190	16.92	cps
Yttrium	89-1	11192899	11137174	11325376	11218483	0.86	cps
Yttrium	89-2	496000	495361	466410	485924	3.48	cps
Zinc	66-2	133	120	133	129	5.98	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:43:37	DataFile Name :	053SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3184	3242	3267	3231	1.32	cps
Zirconium	91-1	750	700	783	745	5.63	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	67	75	29.40	cps
Antimony	121-1	1817	1825	1842	1828	0.70	cps
Arsenic	75-2	30	30	54	38	36.91	cps
Barium	135-1	1867	2009	1842	1906	4.72	cps
Barium	137-1	3417	3351	3717	3495	5.59	cps
Beryllium	9-1	422	300	233	319	30.08	cps
Bismuth	209-1	6673781	6784227	6735248	6731085	0.82	cps
Bismuth	209-2	2423015	2424660	2418234	2421970	0.14	cps
Boron	10-1	242	242	283	256	9.41	cps
Boron	11-1	1250	1508	1133	1297	14.79	cps
Cadmium	111-1	1929	2008	1955	1964	2.05	cps
Cadmium	106-1	2225	2300	2159	2228	3.18	cps
Cadmium	108-1	42	33	50	42	20.00	cps
Calcium	43-1	1092	1117	1075	1095	1.92	cps
Calcium	44-1	32322	31954	32046	32107	0.60	cps
Chromium	52-2	970	967	960	966	0.53	cps
Cobalt	59-2	573	577	697	616	11.41	cps
Copper	63-2	1437	1510	1407	1451	3.66	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	33	75	75	61	39.37	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	11491530	11439028	11555522	11495360	0.51	cps
Holmium	165-2	3365487	3344765	3340845	3350366	0.40	cps
Indium	115-1	10382433	10277040	10423260	10360911	0.73	cps
Indium	115-2	627701	632588	626712	629001	0.50	cps
Iron	56-2	11411	10549	10810	10923	4.05	cps
Iron	57-2	267	289	367	307	17.08	cps
Krypton	83-1	440	400	387	409	6.79	cps
Lead	206-1	1250	1311	1278	1280	2.39	cps
Lead	207-1	1278	1195	1056	1176	9.55	cps
Lead	208-1	5245	5312	4834	5130	5.04	cps
Lithium	6-1	2123991	2075935	2157400	2119109	1.93	cps
Magnesium	24-2	1283	1042	1125	1150	10.67	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	143	163	180	26.25	cps
Molybdenum	94-1	3809	3451	3867	3709	6.08	cps
Molybdenum	95-1	3726	4101	4184	4004	6.10	cps
Molybdenum	96-1	5068	4743	4893	4901	3.32	cps
Molybdenum	97-1	2450	2650	2434	2511	4.80	cps
Molybdenum	98-1	6777	7161	6569	6835	4.39	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	250	233	237	5.08	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	4334	3859	4151	4115	5.82	cps
Rhodium	103-1	10117131	9942323	10028823	10029426	0.87	cps
Rhodium	103-2	3415755	3453096	3459306	3442719	0.68	cps
Scandium	45-1	6749701	6640255	6699660	6696539	0.82	cps
Scandium	45-2	76585	75509	76973	76355	0.99	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	19	11	6	12	55.43	cps
Selenium	82-1	133	220	257	203	31.29	cps
Silicon	28-1	354724	355922	353465	354704	0.35	cps
Silver	109-1	2017	1925	2025	1989	2.79	cps
Silver	107-1	2184	2284	2434	2300	5.47	cps
Sodium	23-2	13165	12348	11964	12492	4.91	cps
Strontium	86-1	1050	1400	1333	1261	14.74	cps
Strontium	88-1	4876	4993	4668	4846	3.40	cps
Sulfur	34-1	393343	388453	389952	390583	0.64	cps
Terbium	159-1	12035254	12066320	12087174	12062916	0.22	cps
Terbium	159-2	3236302	3215578	3265588	3239156	0.78	cps
Thallium	203-1	1317	1559	1242	1372	12.06	cps
Thallium	205-1	3442	3184	3184	3270	4.56	cps
Tin	118-1	2484	2475	2550	2503	1.64	cps
Titanium	47-1	1392	1175	1300	1289	8.44	cps
Uranium	238-1	3567	3492	3817	3626	4.69	cps
Vanadium	51-2	207	200	230	212	7.42	cps
Yttrium	89-1	11312302	11146307	11373781	11277463	1.04	cps
Yttrium	89-2	489040	486251	490764	488685	0.47	cps
Zinc	66-2	180	140	147	156	13.78	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:46:57	DataFile Name :	054SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3676	3459	3184	3439	7.17	cps
Zirconium	91-1	825	658	875	786	14.43	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	75	72	6.66	cps
Antimony	121-1	1825	1775	1884	1828	2.97	cps
Arsenic	75-2	43	43	33	40	13.53	cps
Barium	135-1	2175	2150	1984	2103	4.95	cps
Barium	137-1	3509	3592	3626	3576	1.68	cps
Beryllium	9-1	300	400	372	357	14.44	cps
Bismuth	209-1	6656289	6716886	6809863	6727679	1.15	cps
Bismuth	209-2	2417947	2444764	2426412	2429708	0.56	cps
Boron	10-1	217	308	383	303	27.57	cps
Boron	11-1	1208	892	1225	1108	16.95	cps
Cadmium	111-1	1709	1971	1904	1861	7.32	cps
Cadmium	106-1	1817	2317	2009	2047	12.32	cps
Cadmium	108-1	25	38	50	38	33.33	cps
Calcium	43-1	933	1225	1058	1072	13.65	cps
Calcium	44-1	32213	31670	32806	32230	1.76	cps
Chromium	52-2	997	850	1030	959	9.99	cps
Cobalt	59-2	650	683	683	672	2.86	cps
Copper	63-2	1590	1487	1480	1519	4.06	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	23	23	17	21	18.21	cps
Holmium	165-1	11303504	11420153	11602374	11442010	1.32	cps
Holmium	165-2	3346192	3390319	3287732	3341414	1.54	cps
Indium	115-1	10161798	10271777	10434956	10289510	1.34	cps
Indium	115-2	636062	627711	613511	625761	1.82	cps
Iron	56-2	11916	11644	11477	11679	1.90	cps
Iron	57-2	300	278	322	300	7.41	cps
Krypton	83-1	413	407	350	390	8.92	cps
Lead	206-1	1283	1383	1400	1356	4.66	cps
Lead	207-1	1250	1067	1117	1145	8.28	cps
Lead	208-1	5251	5139	5328	5239	1.81	cps
Lithium	6-1	2087209	2138913	2113118	2113080	1.22	cps
Magnesium	24-2	1217	1267	1175	1220	3.76	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	213	207	198	10.83	cps
Molybdenum	94-1	3617	3676	3426	3573	3.66	cps
Molybdenum	95-1	4526	4176	4759	4487	6.55	cps
Molybdenum	96-1	4734	5035	4884	4884	3.07	cps
Molybdenum	97-1	2809	3084	2825	2906	5.31	cps
Molybdenum	98-1	6635	6727	6560	6641	1.26	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	273	290	270	8.10	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	4184	4301	3659	4048	8.45	cps
Rhodium	103-1	9759722	9908677	10053403	9907267	1.48	cps
Rhodium	103-2	3467268	3433891	3390939	3430699	1.12	cps
Scandium	45-1	6650745	6707320	6748878	6702314	0.73	cps
Scandium	45-2	78817	77264	76145	77409	1.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	11	7	10	21.63	cps
Selenium	82-1	262	208	296	255	17.30	cps
Silicon	28-1	351964	351660	354059	352561	0.37	cps
Silver	109-1	2275	2167	2050	2164	5.20	cps
Silver	107-1	2267	2359	2325	2317	2.00	cps
Sodium	23-2	12998	12781	13032	12937	1.05	cps
Strontium	86-1	1142	1108	1100	1117	1.97	cps
Strontium	88-1	4851	5059	5276	5062	4.20	cps
Sulfur	34-1	389491	384009	388403	387301	0.75	cps
Terbium	159-1	11831093	12172033	12106811	12036646	1.50	cps
Terbium	159-2	3310494	3266759	3198621	3258625	1.73	cps
Thallium	203-1	1358	1450	1525	1445	5.78	cps
Thallium	205-1	3484	3151	3367	3334	5.07	cps
Tin	118-1	2459	2459	2617	2511	3.64	cps
Titanium	47-1	1508	1242	1425	1392	9.80	cps
Uranium	238-1	3351	3676	3726	3584	5.68	cps
Vanadium	51-2	270	213	167	217	23.88	cps
Yttrium	89-1	11116701	11246237	11389351	11250763	1.21	cps
Yttrium	89-2	496378	486127	479696	487400	1.73	cps
Zinc	66-2	223	157	140	173	25.44	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 15:50:19	DataFile Name :	055SMPL_P8052318-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3576	3376	3284	3412	4.37	cps
Zirconium	91-1	842	750	750	781	6.78	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	421370	420695	422390	421485	0.20	cps
Antimony	121-1	4078241	4120896	4073699	4090945	0.64	cps
Arsenic	75-2	64057	63938	64667	64220	0.61	cps
Barium	135-1	4163205	4079609	4110508	4117774	1.03	cps
Barium	137-1	7056933	7068952	7095345	7073744	0.28	cps
Beryllium	9-1	605945	607951	602926	605607	0.42	cps
Bismuth	209-1	6997584	6978233	6988250	6988023	0.14	cps
Bismuth	209-2	2536932	2479950	2472904	2496596	1.41	cps
Boron	10-1	69384	71303	74184	71624	3.37	cps
Boron	11-1	329336	339874	341436	336882	1.95	cps
Cadmium	111-1	864400	861011	874680	866697	0.82	cps
Cadmium	106-1	94077	92391	90597	92355	1.88	cps
Cadmium	108-1	61712	61976	61243	61643	0.60	cps
Calcium	43-1	5021006	5029104	5011186	5020432	0.18	cps
Calcium	44-1	82053785	82212435	82691273	82319164	0.40	cps
Chromium	52-2	570219	569055	574132	571135	0.47	cps
Cobalt	59-2	1081010	1086052	1095309	1087457	0.67	cps
Copper	63-2	1842262	1832644	1861545	1845484	0.80	cps
Dysprosium	156-1	50	50	83	61	31.50	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	50	108	33	64	61.64	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	27	27	17	23	24.74	cps
Holmium	165-1	12481799	12417055	12530000	12476285	0.45	cps
Holmium	165-2	3658130	3551545	3612711	3607462	1.48	cps
Indium	115-1	10633593	10510769	10676468	10606943	0.81	cps
Indium	115-2	644152	636211	639130	639831	0.63	cps
Iron	56-2	90820960	91417752	91108058	91115590	0.33	cps
Iron	57-2	2311558	2310180	2320811	2314183	0.25	cps
Krypton	83-1	370	400	417	396	5.98	cps
Lead	206-1	2180565	2169612	2174064	2174747	0.25	cps
Lead	207-1	1984601	1984965	2009681	1993082	0.72	cps
Lead	208-1	8917009	8858954	8868123	8881362	0.35	cps
Lithium	6-1	2106358	2111361	2122444	2113388	0.39	cps
Magnesium	24-2	9840972	9805018	9870594	9838861	0.33	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322388	324658	322217	323088	0.42	cps
Molybdenum	94-1	7225317	7128501	7138499	7164106	0.74	cps
Molybdenum	95-1	8796378	8699407	8776186	8757324	0.58	cps
Molybdenum	96-1	9718668	9722220	9899059	9779982	1.05	cps
Molybdenum	97-1	5669361	5630679	5641046	5647029	0.35	cps
Molybdenum	98-1	14049074	13923371	14096946	14023130	0.64	cps
Neodymium	150-1	193	113	213	173	30.53	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	318969	321022	322867	320953	0.61	cps
Phosphorus	31-2	6052	6260	6285	6199	2.07	cps
Potassium	39-2	2987614	2974749	2996746	2986370	0.37	cps
Rhodium	103-1	9877344	9841583	9909108	9876012	0.34	cps
Rhodium	103-2	3424903	3408883	3406735	3413507	0.29	cps
Scandium	45-1	6904073	6983627	6911858	6933186	0.63	cps
Scandium	45-2	79058	78977	79825	79287	0.59	cps
Selenium	77-2	473	457	500	477	4.59	cps
Selenium	78-2	1674	1628	1756	1686	3.84	cps
Selenium	82-1	56583	56589	56457	56543	0.13	cps
Silicon	28-1	2174679	2175412	2182155	2177415	0.19	cps
Silver	109-1	4080162	4041696	4103532	4075130	0.77	cps
Silver	107-1	4277816	4280968	4281055	4279946	0.04	cps
Sodium	23-2	23414749	23345761	23150699	23303736	0.59	cps
Strontium	86-1	1161468	1155437	1154329	1157078	0.33	cps
Strontium	88-1	10061091	9982391	10131643	10058375	0.74	cps
Sulfur	34-1	675459	669876	667433	670923	0.61	cps
Terbium	159-1	12858472	12884990	13058611	12934024	0.84	cps
Terbium	159-2	3534768	3491365	3458489	3494874	1.09	cps
Thallium	203-1	2734451	2710061	2726557	2723690	0.46	cps
Thallium	205-1	6437353	6460173	6433243	6443590	0.23	cps
Tin	118-1	2833111	2802479	2843085	2826225	0.75	cps
Titanium	47-1	2451781	2479259	2486254	2472432	0.74	cps
Uranium	238-1	8174844	8092618	8167967	8145143	0.56	cps
Vanadium	51-2	404939	407607	411395	407980	0.80	cps
Yttrium	89-1	11883849	11616894	11856126	11785623	1.25	cps
Yttrium	89-2	513880	507792	514509	512060	0.72	cps
Zinc	66-2	172362	172484	175012	173286	0.86	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:12:01	DataFile Name :	058CCV_P8052318-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6032392	6022623	6089017	6048010	0.59	cps
Zirconium	91-1	1330531	1325985	1337911	1331476	0.45	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	25	8	36	96.08	cps
Antimony	121-1	10646	9270	7502	9140	17.24	cps
Arsenic	75-2	9	20	11	14	43.83	cps
Barium	135-1	342	192	283	272	27.78	cps
Barium	137-1	500	542	592	544	8.43	cps
Beryllium	9-1	117	156	117	130	17.32	cps
Bismuth	209-1	7165025	7038712	7079863	7094533	0.91	cps
Bismuth	209-2	2526748	2520218	2583825	2543597	1.38	cps
Boron	10-1	2134	1950	1942	2009	5.39	cps
Boron	11-1	10071	9362	8469	9301	8.63	cps
Cadmium	111-1	1722	1761	1711	1731	1.52	cps
Cadmium	106-1	2309	2384	2325	2339	1.68	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	950	950	867	922	5.22	cps
Calcium	44-1	32463	32447	31269	32060	2.14	cps
Chromium	52-2	753	713	693	720	4.24	cps
Cobalt	59-2	127	80	77	94	29.60	cps
Copper	63-2	660	553	590	601	9.02	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	83	100	81	26.03	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	11993565	11955924	11909470	11952986	0.35	cps
Holmium	165-2	3411681	3409514	3471960	3431052	1.03	cps
Indium	115-1	10611817	10837333	10789429	10746193	1.11	cps
Indium	115-2	646686	643848	651382	647306	0.59	cps
Iron	56-2	6074	5001	4356	5144	16.87	cps
Iron	57-2	167	117	117	133	21.65	cps
Krypton	83-1	380	420	410	403	5.16	cps
Lead	206-1	761	694	572	676	14.17	cps
Lead	207-1	522	544	583	550	5.62	cps
Lead	208-1	2706	2684	2395	2595	6.69	cps
Lithium	6-1	2119478	2144668	2137302	2133816	0.61	cps
Magnesium	24-2	808	558	517	628	25.13	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-05-23 16:15:09	DataFile Name :	059CCBE_P8052318-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	60	40	50	20.00	cps
Molybdenum	94-1	2909	2634	2050	2531	17.32	cps
Molybdenum	95-1	3401	2917	2934	3084	8.90	cps
Molybdenum	96-1	3517	3417	2959	3298	9.03	cps
Molybdenum	97-1	2334	1884	1625	1947	18.41	cps
Molybdenum	98-1	5276	4776	4543	4865	7.70	cps
Neodymium	150-1	0	33	7	13	132.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	103	107	109	6.37	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	4301	4276	4334	4304	0.68	cps
Rhodium	103-1	10287447	10364921	10380604	10344324	0.48	cps
Rhodium	103-2	3561562	3526893	3508842	3532432	0.76	cps
Scandium	45-1	6798801	6870074	6964469	6877781	1.21	cps
Scandium	45-2	77930	76223	78213	77455	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	4	0	5	114.60	cps
Selenium	82-1	41	-32	20	9	400.29	cps
Silicon	28-1	351845	349792	351178	350938	0.30	cps
Silver	109-1	667	708	433	603	24.59	cps
Silver	107-1	625	608	492	575	12.63	cps
Sodium	23-2	15109	14008	14333	14483	3.91	cps
Strontium	86-1	667	675	692	678	1.88	cps
Strontium	88-1	642	800	558	667	18.41	cps
Sulfur	34-1	367735	367008	364246	366330	0.50	cps
Terbium	159-1	12618467	12594699	12614413	12609193	0.10	cps
Terbium	159-2	3388208	3311642	3418090	3372647	1.63	cps
Thallium	203-1	842	750	900	831	9.11	cps
Thallium	205-1	1975	1884	1934	1931	2.38	cps
Tin	118-1	5568	5902	5744	5738	2.91	cps
Titanium	47-1	408	367	333	369	10.17	cps
Uranium	238-1	725	533	500	586	20.72	cps
Vanadium	51-2	37	10	10	19	81.51	cps
Yttrium	89-1	11679087	11883324	11820111	11794174	0.89	cps
Yttrium	89-2	500649	499926	504042	501539	0.44	cps
Zinc	66-2	120	137	147	134	10.02	cps

LB Number :	LB95630	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2617	2342	2175	2378	9.38	cps
Zirconium	91-1	517	458	567	514	10.55	cps