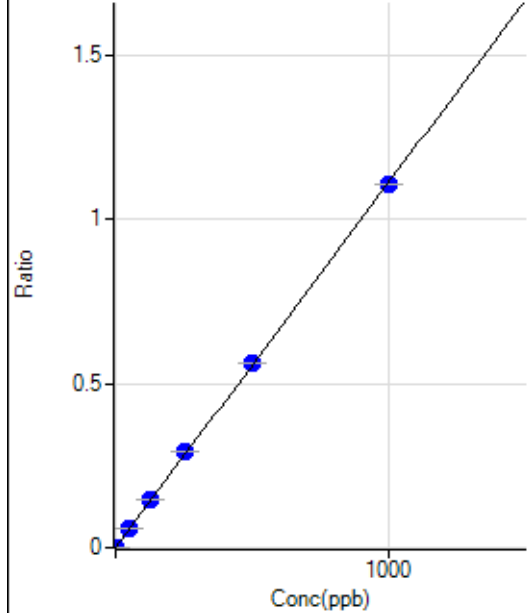


Batch Folder: D:\P8011618MS .b\
Analysis File: P8011618MS .batch.bin
DA Date-Time: 2018-01-17 09:46:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8011618MS.D	S00	2018-01-16 16:58:05
2			
3	006CALS P8011618MS.D	S02	2018-01-16 17:05:08
4	007CALS P8011618MS.D	S03	2018-01-16 17:08:40
5	008CALS P8011618MS.D	S04	2018-01-16 17:12:11
6	009CALS P8011618MS.D	S05	2018-01-16 17:15:37
7	010CALS P8011618MS.D	S06	2018-01-16 17:18:59
8	011CALS P8011618MS.D	S07	2018-01-16 17:22:16
9	014CALS P8011618MS.D	S08	2018-01-16 17:41:59

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.82	0.0002	P	18.9
2	☐	0.100					
3	☐	1.000	0.956	724.12	0.0013	P	10.2
4	☐	50.000	54.059	34541.99	0.0603	P	1.6
5	☐	125.000	132.555	84722.31	0.1476	P	0.4
6	☐	250.000	262.444	166763.37	0.2921	P	0.8
7	☐	500.000	503.594	315398.99	0.5603	P	0.2
8	☐	1000.000	993.945	607272.06	1.1057	P	0.1
9	☐			192.60	0.0003	P	29.3

$$y = 0.0011 * x + 2.0467E-004$$

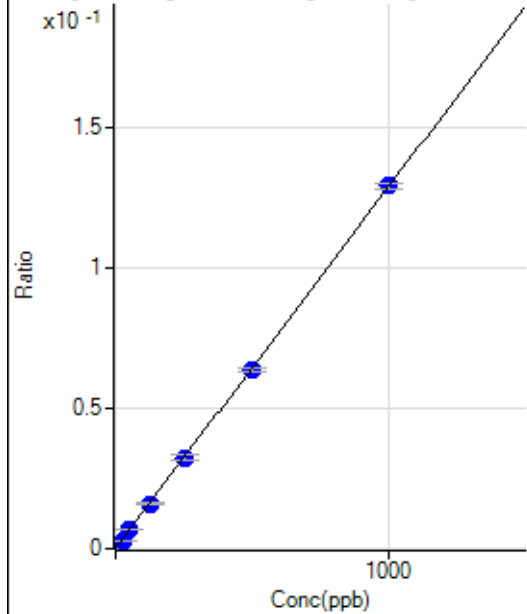
$$R = 0.9999$$

$$DL = 0.1045$$

$$BEC = 0.184$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0002	P	54.4
2	☐	2.500					
3	☐	25.000	20.842	1644.62	0.0029	P	7.6
4	☐	50.000	49.846	3789.56	0.0066	P	2.1
5	☐	125.000	123.068	9214.46	0.0161	P	3.5
6	☐	250.000	250.936	18576.63	0.0325	P	5.0
7	☐	500.000	493.977	35948.74	0.0639	P	2.7
8	☐	1000.000	1003.131	71126.55	0.1295	P	1.7
9	☐			727.83	0.0012	P	10.2

$$y = 1.2891E-004 * x + 1.9329E-004$$

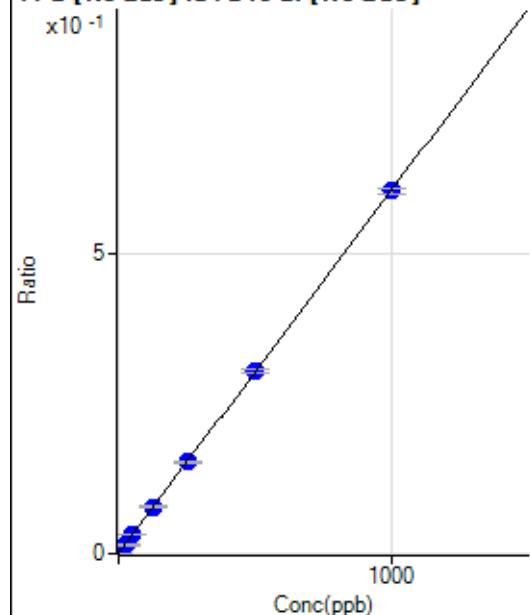
$$R = 1.0000$$

$$DL = 2.447$$

$$BEC = 1.499$$

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	463.91	0.0008	P	6.5
2	☐	2.500					
3	☐	25.000	22.825	8375.00	0.0147	P	3.6
4	☐	50.000	51.723	18429.26	0.0322	P	1.9
5	☐	125.000	127.126	44706.61	0.0779	P	2.2
6	☐	250.000	252.503	87877.29	0.1539	P	2.2
7	☐	500.000	501.749	171707.91	0.3051	P	1.9
8	☐	1000.000	998.202	332869.71	0.6061	P	1.4
9	☐			3217.18	0.0055	P	7.0

$$y = 6.0634\text{E-}004 * x + 8.2640\text{E-}004$$

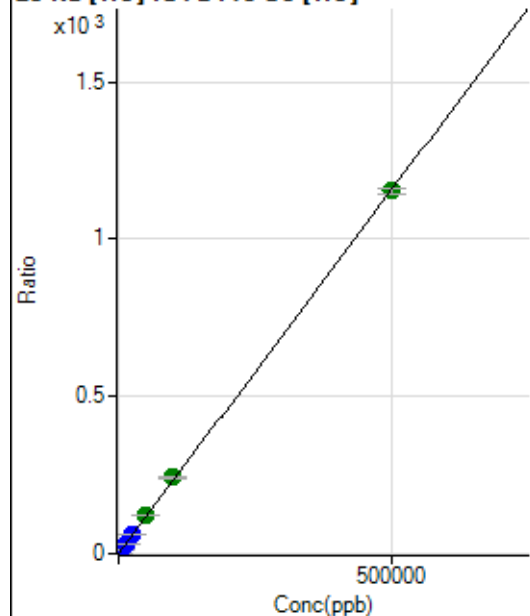
$$R = 1.0000$$

$$DL = 0.2655$$

$$BEC = 1.363$$

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	8761.39	0.4641	P	4.2
2	☐	50.000					
3	☐	500.000	481.163	29628.96	1.5765	P	1.8
4	☐	5000.000	5161.644	226890.16	12.3970	P	0.7
5	☐	12500.000	12941.568	542138.58	30.3829	P	0.9
6	☐	25000.000	25943.835	1012261.50	60.4421	P	0.3
7	☐	50000.000	52437.248	1905353.62	121.6906	A	1.7
8	☐	100000.00	104557.26	3658834.72	242.1837	A	1.9
9	☐	500000.00	498784.99	19818594.89	1,153.574	A	1.9

$$y = 0.0023 * x + 0.4641$$

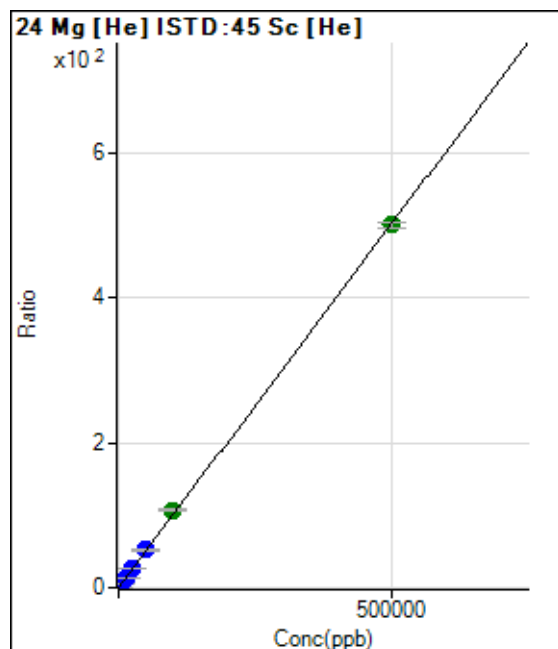
$$R = 0.9999$$

$$DL = 25.41$$

$$BEC = 200.8$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.72	0.0366	P	13.8
2	☐	50.000					
3	☐	500.000	481.524	9787.13	0.5208	P	2.3
4	☐	5000.000	5140.619	95268.40	5.2053	P	0.8
5	☐	12500.000	12830.224	230838.63	12.9369	P	1.3
6	☐	25000.000	25988.540	438211.97	26.1671	P	1.1
7	☐	50000.000	51518.730	811578.66	51.8368	P	2.0
8	☐	100000.00	106105.95	1612147.36	106.7222	A	2.8
9	☐	500000.00	498567.86	8612840.73	501.3280	A	1.8

$$y = 0.0010 * x + 0.0366$$

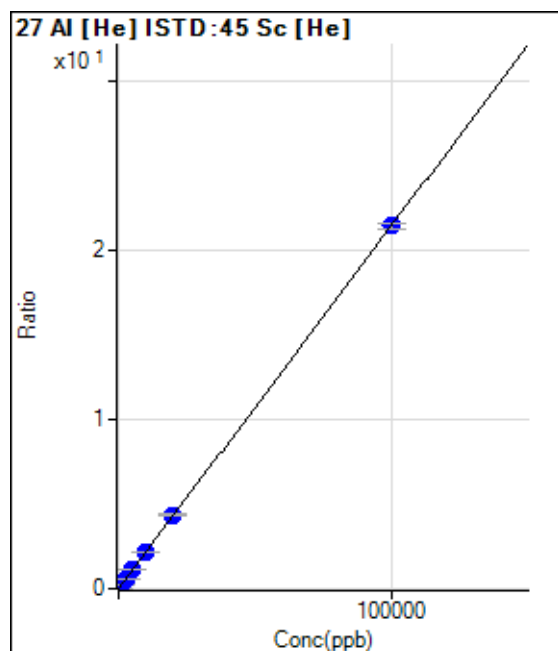
$$R = 0.9999$$

$$DL = 15.05$$

$$BEC = 36.44$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0009	P	47.7
2	☐	2.000					
3	☐	20.000	14.521	75.00	0.0040	P	33.1
4	☐	1000.000	1045.591	4117.45	0.2250	P	5.2
5	☐	2500.000	2537.006	9717.61	0.5446	P	1.3
6	☐	5000.000	5074.242	18229.10	1.0884	P	0.8
7	☐	10000.000	10155.435	34083.58	2.1773	P	2.9
8	☐	20000.000	20218.778	65476.99	4.3341	P	2.2
9	☐	100000.00	99935.609	367995.60	21.4187	P	1.4

$$y = 2.1432E-004 * x + 8.7445E-004$$

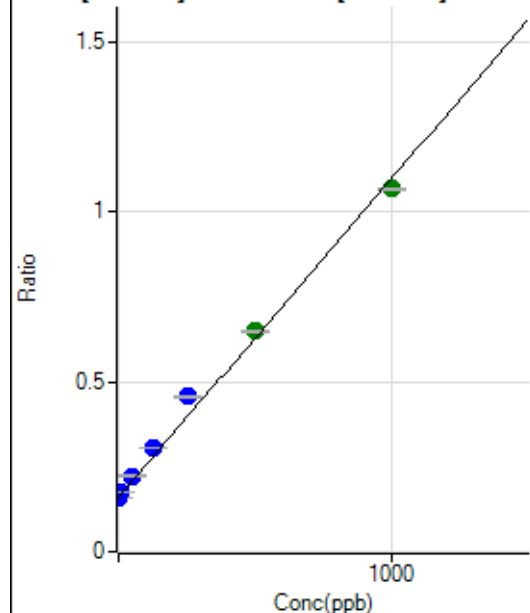
$$R = 1.0000$$

$$DL = 5.838$$

$$BEC = 4.08$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356546.38	0.1599	P	0.7
2	☐	1.000					
3	☐	10.000	16.552	393855.68	0.1755	P	0.9
4	☐	50.000	65.520	490243.02	0.2214	P	2.2
5	☐	125.000	156.838	682541.36	0.3070	P	0.3
6	☐	250.000	316.446	989488.95	0.4566	P	0.7
7	☐	500.000	521.604	1355762.27	0.6490	A	1.1
8	☐	1000.000	967.765	2166319.58	1.0673	A	0.3
9	☐			325561.36	0.1480	P	1.1

$$y = 9.3760E-004 * x + 0.1599$$

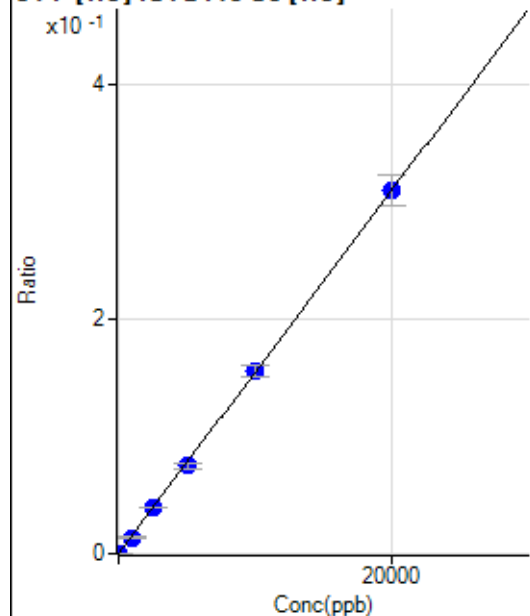
$$R = 0.9971$$

$$DL = 3.391$$

$$BEC = 170.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.036	2.78	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	0.036	2.78	0.0001	P	173.2
4	☐	1000.000	863.781	247.24	0.0135	P	10.2
5	☐	2500.000	2536.487	702.83	0.0394	P	1.9
6	☐	5000.000	4846.108	1258.45	0.0751	P	5.7
7	☐	10000.000	10092.503	2444.78	0.1563	P	6.1
8	☐	20000.000	19994.471	4670.43	0.3094	P	8.5
9	☐			2.78	0.0002	P	173.2

$$y = 1.5468E-005 * x + 1.4737E-004$$

$$R = 0.9999$$

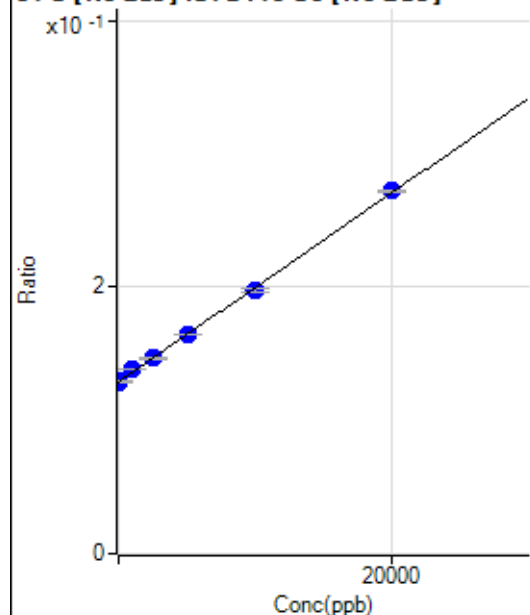
$$DL = 49.51$$

$$BEC = 9.528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-40.102	287062.06	0.1288	P	1.4
2	☐	0.000					
3	☐	0.000	40.102	290340.23	0.1293	P	0.9
4	☐	1000.000	1287.109	306055.36	0.1382	P	0.4
5	☐	2500.000	2479.516	326028.94	0.1466	P	0.9
6	☐	5000.000	4916.336	355216.84	0.1639	P	0.1
7	☐	10000.000	9620.110	412135.34	0.1973	P	1.3
8	☐	20000.000	20199.066	552706.95	0.2723	P	0.5
9	☐			281861.51	0.1281	P	1.7

$$y = 7.0920\text{E-}006 * x + 0.1291$$

$$R = 0.9996$$

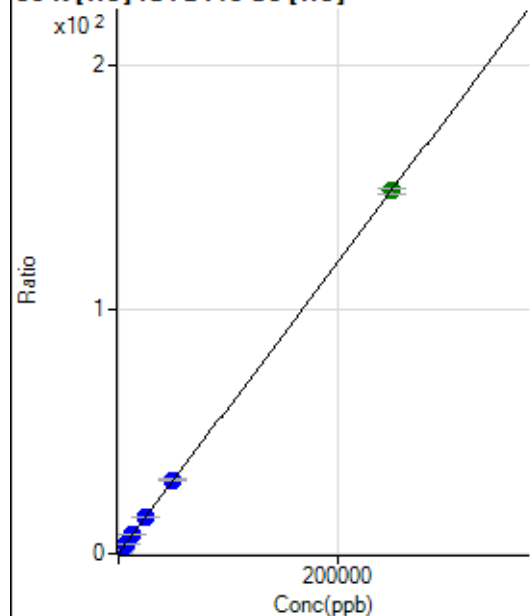
$$DL = 623.5$$

$$BEC = 1.82\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2236.39	0.1185	P	5.7
2	☐	50.000					
3	☐	500.000	476.647	7546.82	0.4017	P	5.4
4	☐	2500.000	2630.141	30767.97	1.6811	P	2.0
5	☐	6250.000	6511.452	71146.80	3.9871	P	0.6
6	☐	12500.000	12876.759	130110.35	7.7689	P	0.3
7	☐	25000.000	25051.163	234841.00	15.0021	P	2.9
8	☐	50000.000	50364.162	453839.18	30.0413	P	2.2
9	☐	250000.00	249895.42	2553049.93	148.5884	A	1.4

$$y = 5.9413\text{E-}004 * x + 0.1185$$

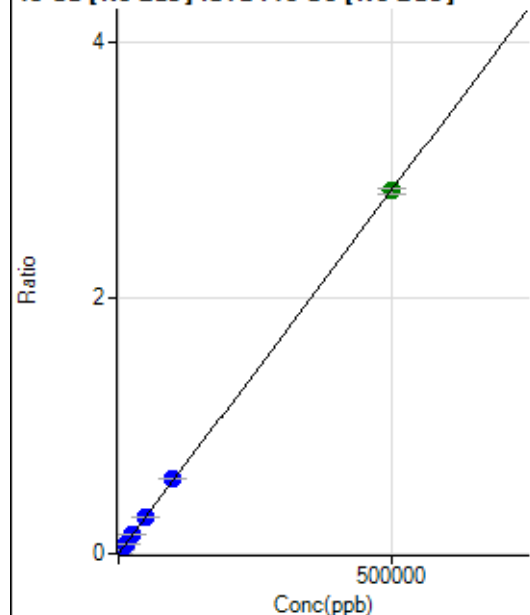
$$R = 1.0000$$

$$DL = 33.96$$

$$BEC = 199.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	827.84	0.0004	P	3.3
2	☐	50.000					
3	☐	500.000	473.926	6885.28	0.0031	P	7.2
4	☐	5000.000	5200.480	66346.75	0.0300	P	0.6
5	☐	12500.000	12621.506	160461.44	0.0722	P	1.4
6	☐	25000.000	25510.079	315284.99	0.1455	P	0.2
7	☐	50000.000	50976.844	606616.16	0.2904	P	0.6
8	☐	100000.00	102313.45	1182143.09	0.5824	P	0.2
9	☐	500000.00	499409.10	6251179.39	2.8415	A	1.4

$$y = 5.6889\text{E-}006 * x + 3.7133\text{E-}004$$

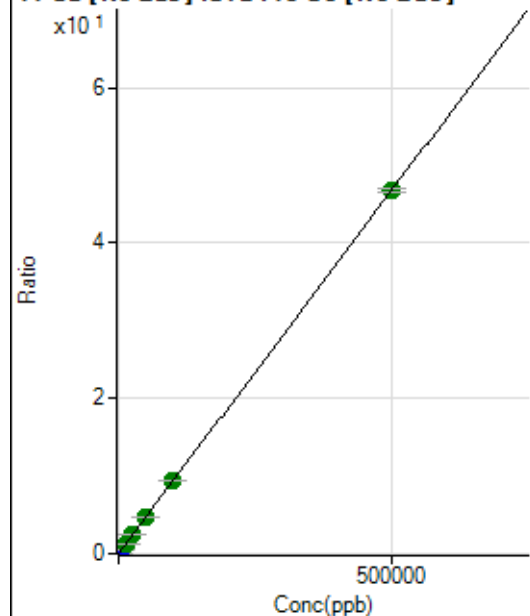
$$R = 1.0000$$

$$DL = 6.37$$

$$BEC = 65.27$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13259.61	0.0059	P	2.3
2	☐	50.000					
3	☐	500.000	460.806	110065.94	0.0490	P	0.5
4	☐	5000.000	5113.371	1071972.35	0.4840	P	1.2
5	☐	12500.000	12766.191	2666921.74	1.1995	A	1.0
6	☐	25000.000	25384.031	5155690.74	2.3793	A	0.7
7	☐	50000.000	50394.663	9855808.29	4.7177	A	0.4
8	☐	100000.00	101438.99	19262076.65	9.4901	A	0.3
9	☐	500000.00	499645.78	102785780.7	46.7210	A	1.2

$$y = 9.3496\text{E-}005 * x + 0.0059$$

$$R = 1.0000$$

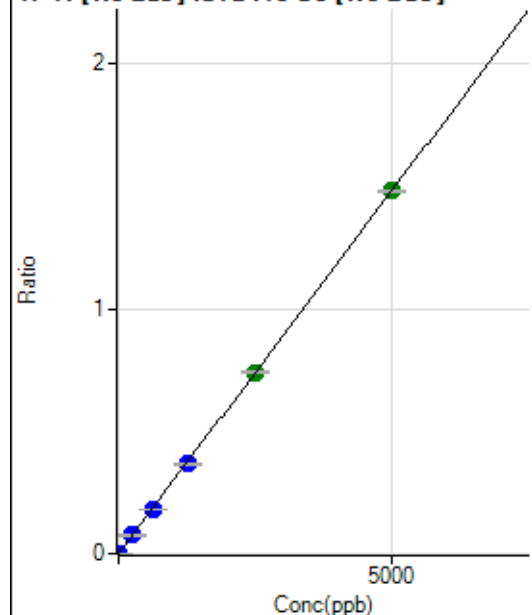
$$DL = 4.387$$

$$BEC = 63.62$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0001	P	15.2
2	☐	0.500					
3	☐	5.000	4.421	3111.59	0.0014	P	5.5
4	☐	250.000	253.165	166179.92	0.0750	P	1.3
5	☐	625.000	618.968	407633.57	0.1833	P	0.4
6	☐	1250.000	1235.078	792590.35	0.3658	P	0.6
7	☐	2500.000	2498.365	1545469.82	0.7398	A	1.1
8	☐	5000.000	5005.144	3008064.50	1.4820	A	0.4
9	☐			633.37	0.0003	P	10.0

$$y = 2.9609\text{E-}004 * x + 7.7223\text{E-}005$$

$$R = 1.0000$$

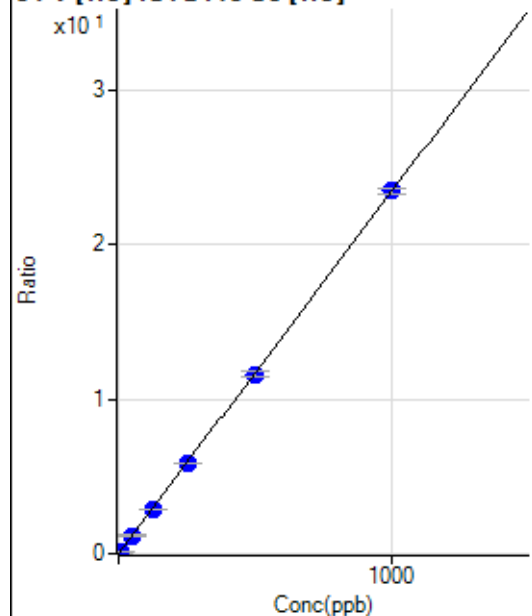
$$DL = 0.1188$$

$$BEC = 0.2608$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0002	P	46.2
2	☐	0.500					
3	☐	5.000	4.618	2037.96	0.1084	P	1.3
4	☐	50.000	50.275	21560.14	1.1780	P	1.6
5	☐	125.000	123.218	51512.19	2.8869	P	0.9
6	☐	250.000	249.288	97817.04	5.8404	P	0.6
7	☐	500.000	496.361	182051.33	11.6286	P	2.3
8	☐	1000.000	1002.209	354714.35	23.4791	P	1.9
9	☐			73.34	0.0043	P	13.4

$$y = 0.0234 * x + 2.3705\text{E-}004$$

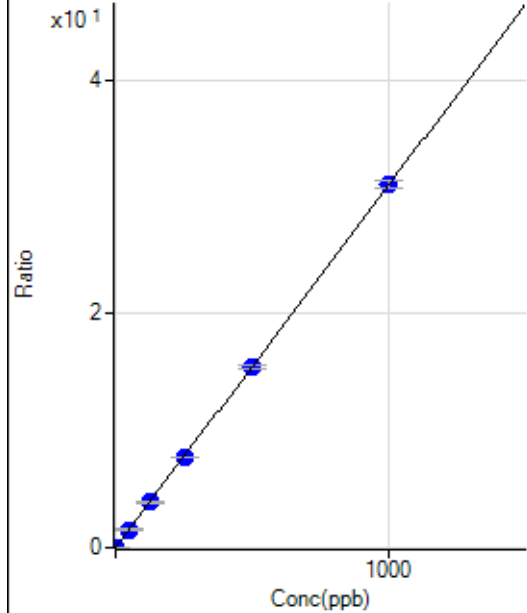
$$R = 1.0000$$

$$DL = 0.01403$$

$$BEC = 0.01012$$

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	275.56	0.0145	P	15.6
2	☐	0.200					
3	☐	2.000	1.965	1416.77	0.0754	P	3.5
4	☐	50.000	49.598	28370.06	1.5501	P	1.6
5	☐	125.000	124.405	68982.29	3.8661	P	1.5
6	☐	250.000	248.603	129147.77	7.7112	P	0.5
7	☐	500.000	497.725	241460.99	15.4240	P	2.6
8	☐	1000.000	1001.581	468689.18	31.0233	P	2.0
9	☐			7263.10	0.4227	P	0.7

$$y = 0.0310 * x + 0.0145$$

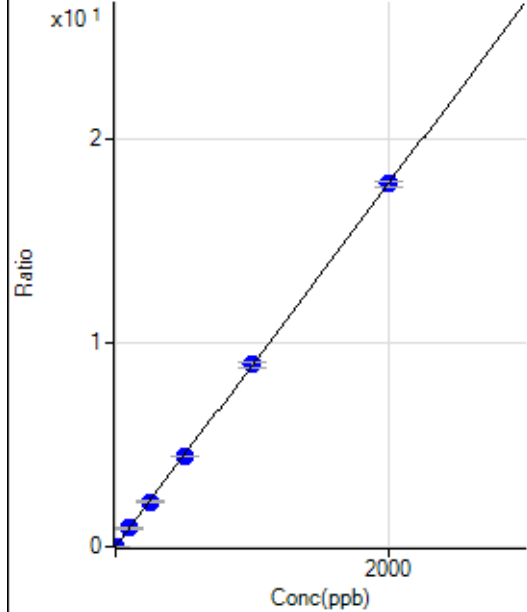
$$R = 1.0000$$

$$DL = 0.2196$$

$$BEC = 0.4698$$

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	23.33	0.0012	P	59.2
2	☐	0.100					
3	☐	1.000	0.835	163.34	0.0087	P	19.4
4	☐	100.000	101.263	16545.51	0.9040	P	2.1
5	☐	250.000	247.941	39461.29	2.2117	P	2.0
6	☐	500.000	499.124	74545.26	4.4511	P	0.2
7	☐	1000.000	1001.662	139828.16	8.9314	P	2.2
8	☐	2000.000	1999.582	269349.36	17.8282	P	1.7
9	☐			820.04	0.0477	P	4.5

$$y = 0.0089 * x + 0.0012$$

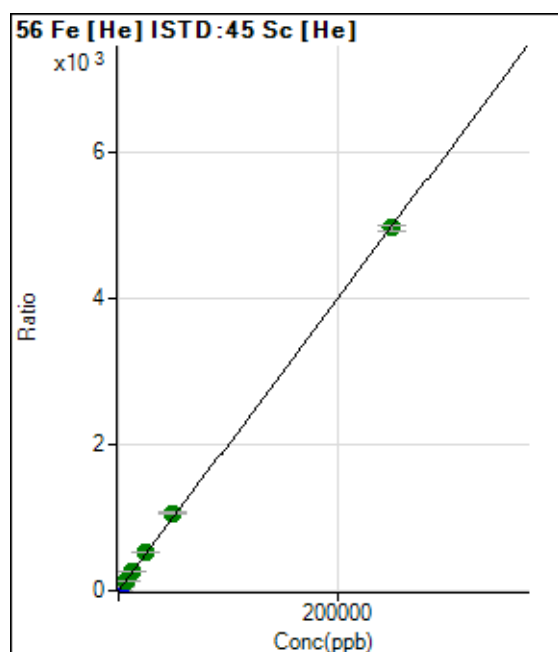
$$R = 1.0000$$

$$DL = 0.2476$$

$$BEC = 0.1394$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1933.52	0.1024	P	8.4
2	☐	5.000					
3	☐	50.000	49.375	20413.47	1.0863	P	2.3
4	☐	2500.000	2638.835	964248.66	52.6850	P	0.1
5	☐	6250.000	6680.991	2377182.69	133.2308	A	1.7
6	☐	12500.000	13441.701	4487359.13	267.9476	A	0.7
7	☐	25000.000	26384.926	8232528.31	525.8600	A	2.4
8	☐	50000.000	53199.186	16017116.45	1,060.172	A	1.8
9	☐	250000.00	249162.42	85299757.46	4,965.021	A	1.8

$$y = 0.0199 * x + 0.1024$$

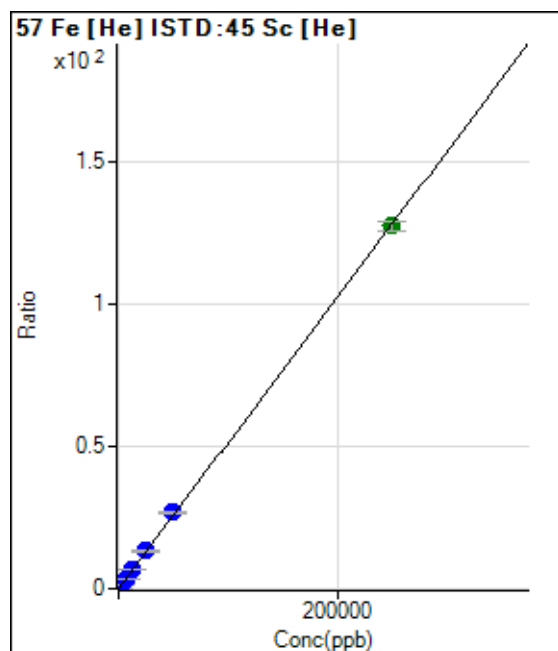
R = 0.9999

DL = 1.301

BEC = 5.14

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0027	P	63.7
2	☐	5.000					
3	☐	50.000	53.324	562.99	0.0299	P	2.9
4	☐	2500.000	2566.954	24074.92	1.3154	P	0.6
5	☐	6250.000	6401.066	58459.77	3.2762	P	0.6
6	☐	12500.000	13006.791	111436.10	6.6543	P	1.1
7	☐	25000.000	26052.729	208625.64	13.3259	P	2.3
8	☐	50000.000	52493.718	405609.72	26.8478	P	1.9
9	☐	250000.00	249366.19	2190781.91	127.5276	A	2.4

$$y = 5.1140E-004 * x + 0.0027$$

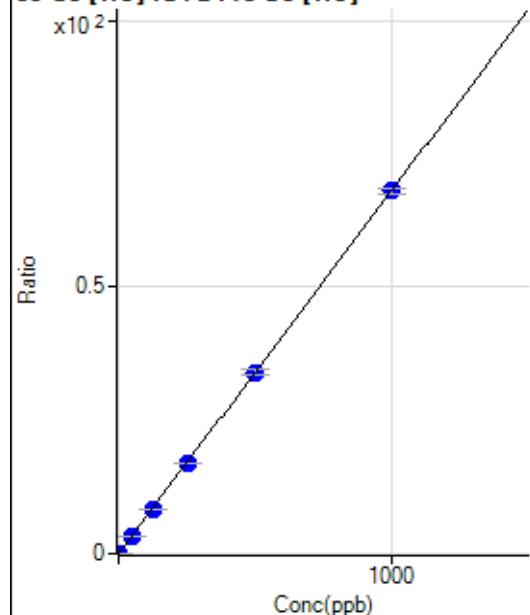
R = 0.9999

DL = 10

BEC = 5.238

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0038	P	25.0
2	☐	0.100					
3	☐	1.000	0.907	1233.41	0.0656	P	7.1
4	☐	50.000	49.306	61517.32	3.3612	P	0.6
5	☐	125.000	123.644	150298.97	8.4230	P	0.9
6	☐	250.000	250.424	285628.66	17.0558	P	0.9
7	☐	500.000	500.167	533233.80	34.0613	P	2.5
8	☐	1000.000	1000.015	1028800.77	68.0970	P	1.8
9	☐			1286.75	0.0749	P	2.8

$$y = 0.0681 * x + 0.0038$$

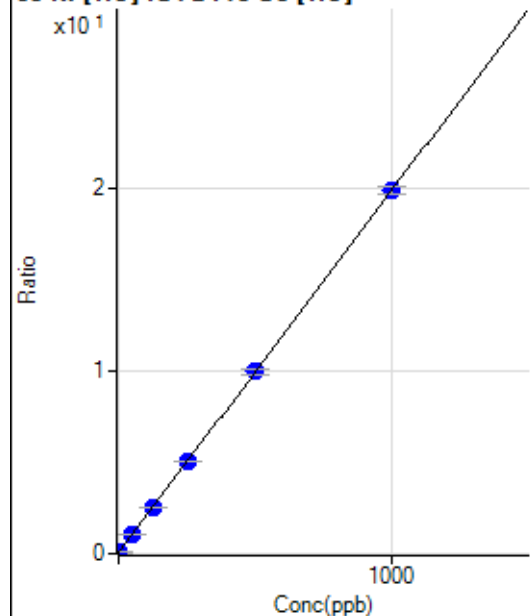
$$R = 1.0000$$

$$DL = 0.04224$$

$$BEC = 0.05639$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	965.61	0.0512	P	7.2
2	☐	0.100					
3	☐	1.000	1.198	1407.88	0.0749	P	7.3
4	☐	50.000	49.872	19035.44	1.0401	P	0.8
5	☐	125.000	124.076	44808.72	2.5114	P	1.8
6	☐	250.000	251.895	84497.59	5.0458	P	1.4
7	☐	500.000	500.016	156015.67	9.9656	P	2.5
8	☐	1000.000	999.640	300220.48	19.8723	P	2.0
9	☐			3607.20	0.2100	P	2.7

$$y = 0.0198 * x + 0.0512$$

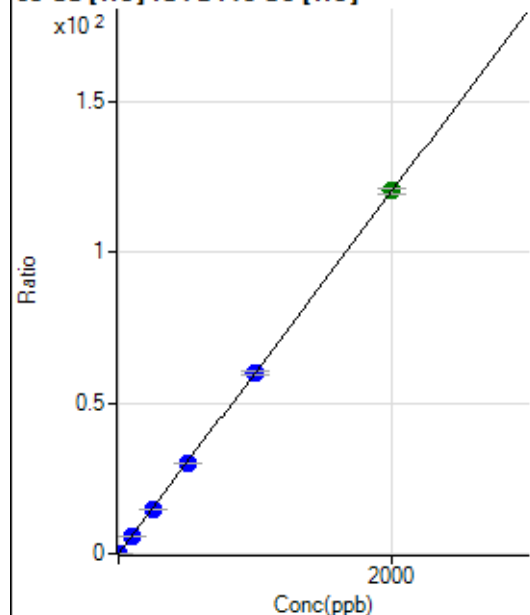
$$R = 1.0000$$

$$DL = 0.555$$

$$BEC = 2.581$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0070	P	18.9
2	☐	0.200					
3	☐	2.000	1.828	2193.55	0.1167	P	3.2
4	☐	100.000	97.506	107191.29	5.8568	P	0.4
5	☐	250.000	242.377	259568.08	14.5481	P	1.8
6	☐	500.000	495.275	497732.79	29.7202	P	0.5
7	☐	1000.000	996.359	935881.52	59.7819	P	2.5
8	☐	2000.000	2004.080	1816606.57	120.2384	A	1.6
9	☐			2489.15	0.1449	P	0.5

$$y = 0.0600 * x + 0.0070$$

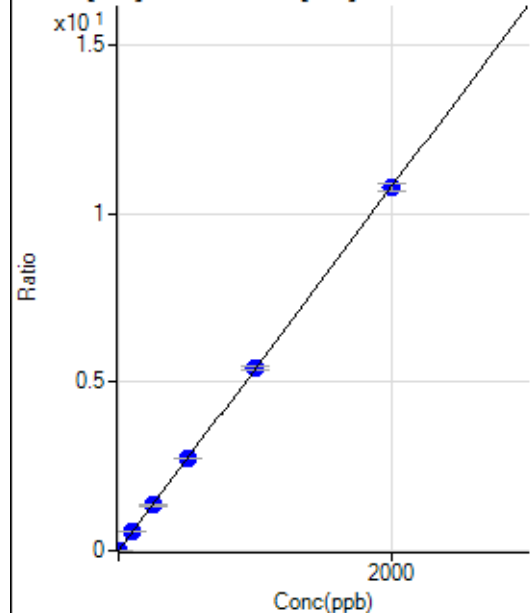
$$R = 1.0000$$

$$DL = 0.06662$$

$$BEC = 0.1175$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0017	P	31.7
2	☐	0.200					
3	☐	2.000	1.922	226.68	0.0121	P	6.2
4	☐	100.000	102.086	10102.70	0.5520	P	1.7
5	☐	250.000	250.517	24124.52	1.3521	P	2.2
6	☐	500.000	506.759	45775.41	2.7334	P	1.4
7	☐	1000.000	1007.284	85032.91	5.4315	P	2.4
8	☐	2000.000	1994.499	162448.74	10.7532	P	2.2
9	☐			553.36	0.0322	P	10.9

$$y = 0.0054 * x + 0.0017$$

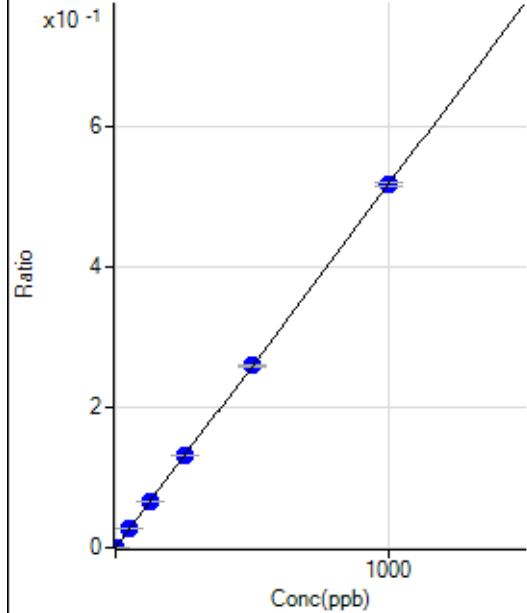
$$R = 1.0000$$

$$DL = 0.2997$$

$$BEC = 0.315$$

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	2.47	0.0000	P	114.8
2	☐	0.100					
3	☐	1.000	1.028	78.40	0.0005	P	10.0
4	☐	50.000	51.523	3762.89	0.0267	P	2.4
5	☐	125.000	127.106	9076.50	0.0658	P	1.8
6	☐	250.000	252.321	17360.38	0.1307	P	0.6
7	☐	500.000	500.501	32558.04	0.2592	P	1.3
8	☐	1000.000	998.830	63572.41	0.5172	P	1.1
9	☐			26.54	0.0002	P	14.7

$$y = 5.1775\text{E-}004 * x + 1.7317\text{E-}005$$

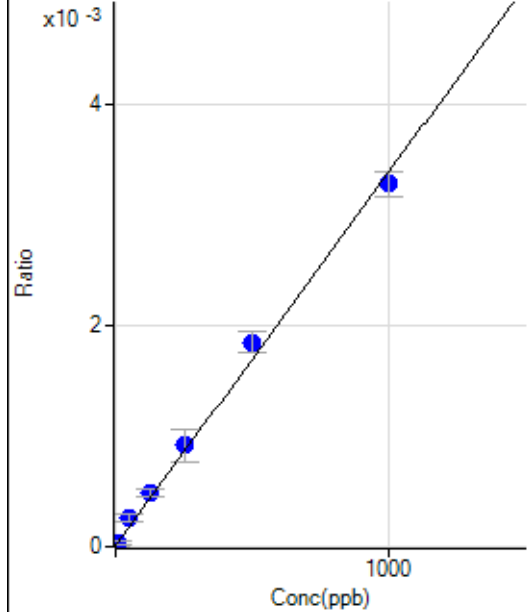
$$R = 1.0000$$

$$DL = 0.1151$$

$$BEC = 0.03345$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.959	4.44	0.0000	P	115.3
4	☐	50.000	74.694	36.67	0.0003	P	23.6
5	☐	125.000	140.877	66.67	0.0005	P	13.0
6	☐	250.000	268.139	121.11	0.0009	P	32.3
7	☐	500.000	545.389	232.23	0.0018	P	9.9
8	☐	1000.000	969.542	403.35	0.0033	P	6.6
9	☐			2.22	0.0000	P	173.2

$$y = 3.3760\text{E-}006 * x + 7.7702\text{E-}006$$

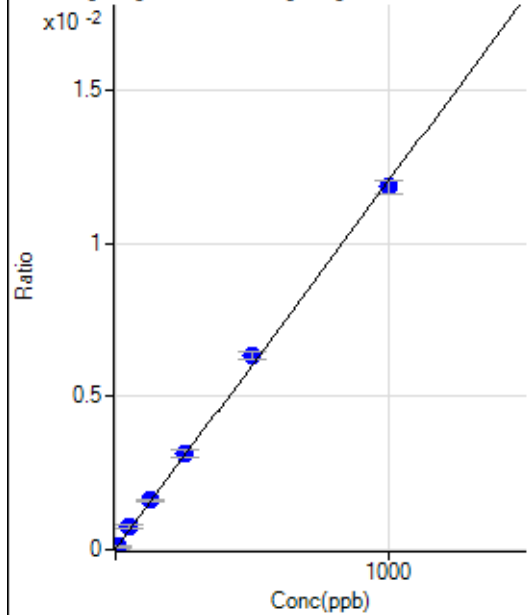
$$R = 0.9981$$

$$DL = 11.96$$

$$BEC = 2.302$$

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	91.8
2	☐	0.500					
3	☐	5.000	6.501	14.20	0.0001	P	30.8
4	☐	50.000	60.212	104.94	0.0007	P	22.8
5	☐	125.000	131.987	221.61	0.0016	P	5.5
6	☐	250.000	260.752	419.15	0.0032	P	7.7
7	☐	500.000	523.554	792.63	0.0063	P	4.0
8	☐	1000.000	984.143	1455.65	0.0118	P	3.9
9	☐			2.47	0.0000	P	86.6

$$y = 1.2011\text{E-}005 * x + 2.1629\text{E-}005$$

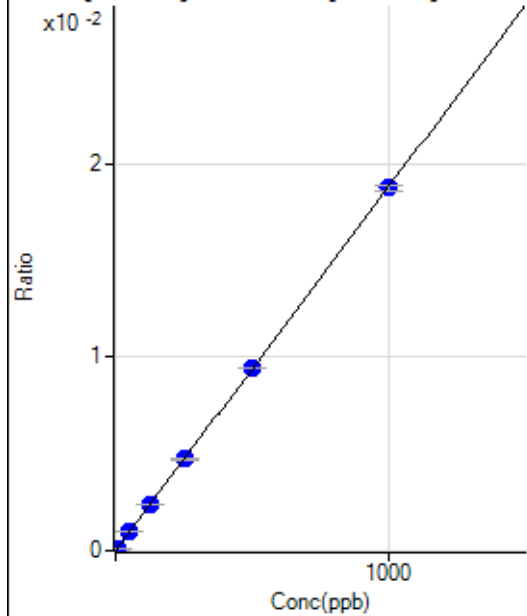
$$R = 0.9995$$

$$DL = 4.958$$

$$BEC = 1.801$$

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	-32.19	0.0000	P	-248.
2	☐	0.500					
3	☐	5.000	4.609	363.14	0.0001	P	6.0
4	☐	50.000	51.777	4391.52	0.0010	P	1.6
5	☐	125.000	129.023	11046.64	0.0024	P	0.7
6	☐	250.000	252.533	21697.69	0.0047	P	1.2
7	☐	500.000	501.731	42300.75	0.0094	P	0.6
8	☐	1000.000	997.912	82872.79	0.0187	P	1.3
9	☐			77.94	0.0000	P	7.6

$$y = 1.8783\text{E-}005 * x - 7.1559\text{E-}006$$

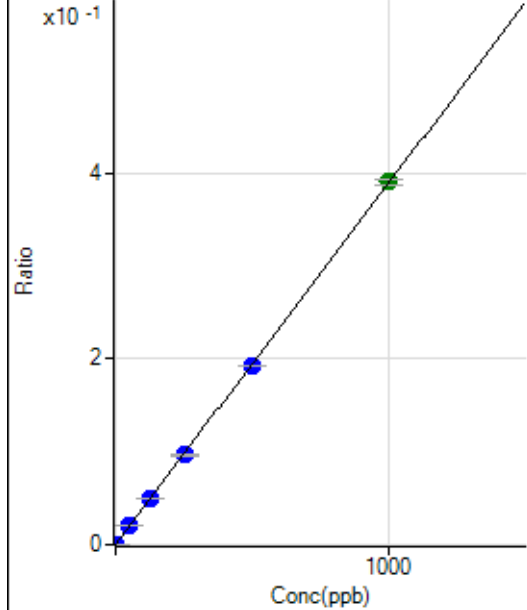
$$R = 1.0000$$

$$DL = 2.844$$

$$BEC = -0.381$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.81	0.0001	P	14.3
2	☐	0.100					
3	☐	1.000	0.944	2164.16	0.0005	P	5.1
4	☐	50.000	50.643	90185.56	0.0198	P	0.8
5	☐	125.000	126.357	225409.32	0.0493	P	0.3
6	☐	250.000	248.025	442894.60	0.0967	P	0.8
7	☐	500.000	493.132	862974.00	0.1921	P	0.3
8	☐	1000.000	1003.726	1728978.36	0.3909	A	1.7
9	☐			57792.47	0.0127	P	1.4

$$y = 3.8936E-004 * x + 1.0577E-004$$

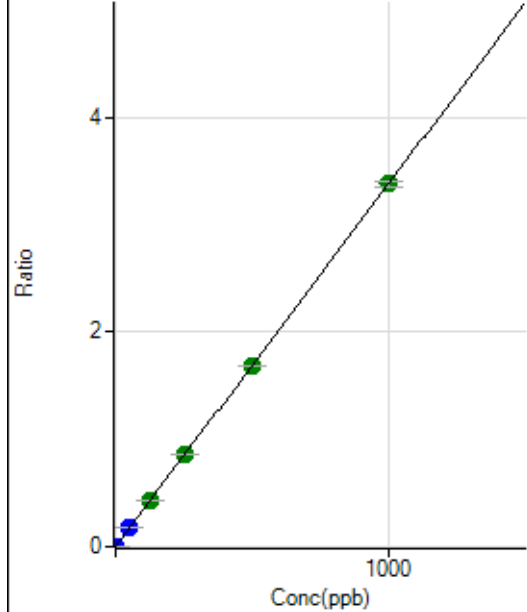
$$R = 1.0000$$

$$DL = 0.1164$$

$$BEC = 0.2717$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	28.1
2	☐	0.100					
3	☐	1.000	0.940	14636.25	0.0032	P	1.5
4	☐	50.000	50.676	778831.92	0.1712	P	0.8
5	☐	125.000	127.539	1969583.29	0.4308	A	0.9
6	☐	250.000	252.265	3903711.85	0.8521	A	0.3
7	☐	500.000	497.833	7553786.11	1.6816	A	0.8
8	☐	1000.000	1000.166	14942357.63	3.3783	A	1.4
9	☐			506082.40	0.1114	P	0.8

$$y = 0.0034 * x + 2.6436E-005$$

$$R = 1.0000$$

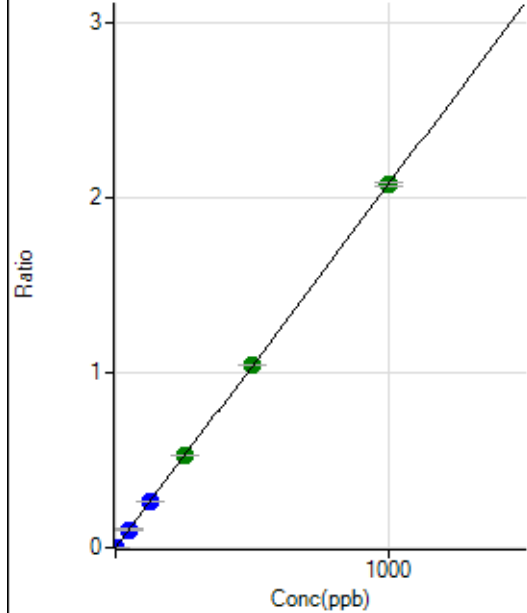
$$DL = 0.006602$$

$$BEC = 0.007827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.24	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.936	9128.48	0.0020	P	3.7
4	☐	50.000	50.123	474473.88	0.1043	P	0.8
5	☐	125.000	125.123	1189976.42	0.2603	P	0.5
6	☐	250.000	252.629	2407340.53	0.5255	A	0.2
7	☐	500.000	502.139	4691484.43	1.0444	A	0.8
8	☐	1000.000	998.252	9183599.77	2.0763	A	0.9
9	☐			1564.06	0.0003	P	10.9

$$y = 0.0021 * x + 4.9178E-005$$

$$R = 1.0000$$

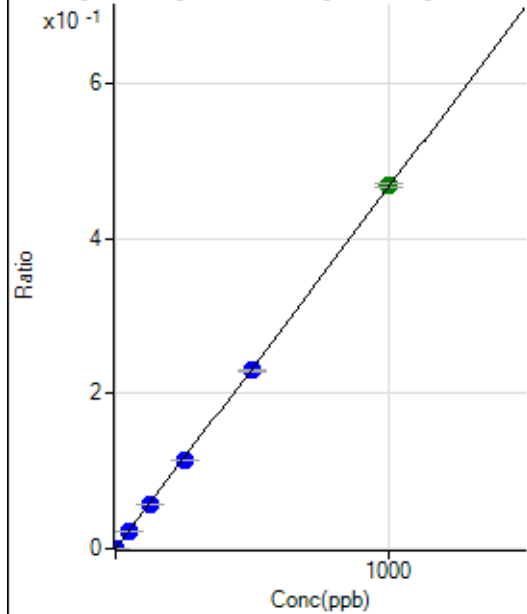
$$DL = 0.008395$$

$$BEC = 0.02365$$

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	66.67	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.919	2025.25	0.0004	P	7.6
4	☐	50.000	49.428	104866.49	0.0231	P	1.7
5	☐	125.000	123.681	263607.74	0.0577	P	0.5
6	☐	250.000	245.476	524184.64	0.1144	P	1.0
7	☐	500.000	493.282	1032808.64	0.2299	P	0.3
8	☐	1000.000	1004.684	2071199.42	0.4683	A	1.1
9	☐			372.25	0.0001	P	29.4

$$y = 4.6608E-004 * x + 1.4750E-005$$

$$R = 1.0000$$

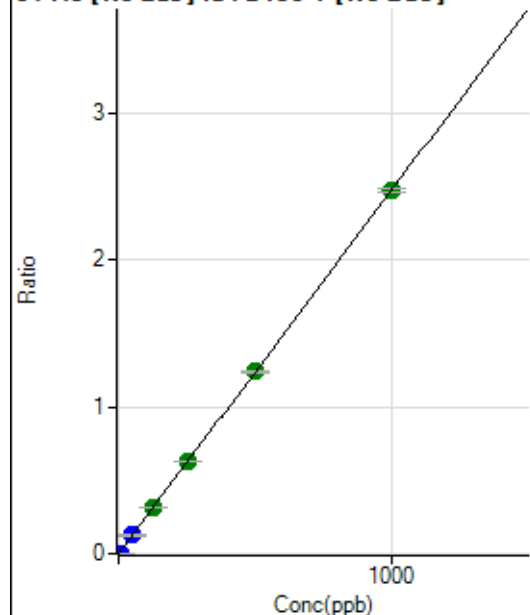
$$DL = 0.02035$$

$$BEC = 0.03165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	0.923	10610.13	0.0023	P	3.1
4	☐	50.000	50.353	567515.78	0.1248	P	1.0
5	☐	125.000	127.012	1438350.17	0.3146	A	1.5
6	☐	250.000	252.579	2866031.20	0.6256	A	0.9
7	☐	500.000	501.614	5581050.78	1.2424	A	0.7
8	☐	1000.000	998.300	10936503.72	2.4726	A	1.2
9	☐			4370.36	0.0010	P	5.8

$$y = 0.0025 * x + 3.4429E-005$$

$$R = 1.0000$$

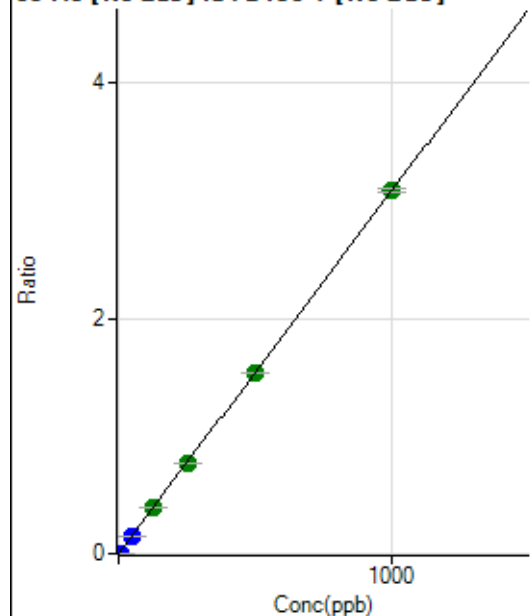
$$DL = 0.005594$$

$$BEC = 0.0139$$

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	63.89	0.0000	P	45.7
2	☐	0.500					
3	☐	5.000	0.920	13037.32	0.0029	P	4.2
4	☐	50.000	49.969	701139.33	0.1541	P	1.3
5	☐	125.000	126.937	1789854.47	0.3915	A	0.5
6	☐	250.000	249.405	3523983.93	0.7692	A	0.3
7	☐	500.000	498.875	6911510.14	1.5386	A	0.3
8	☐	1000.000	1000.491	13648344.40	3.0857	A	1.0
9	☐			6790.87	0.0015	P	0.3

$$y = 0.0031 * x + 1.4138E-005$$

$$R = 1.0000$$

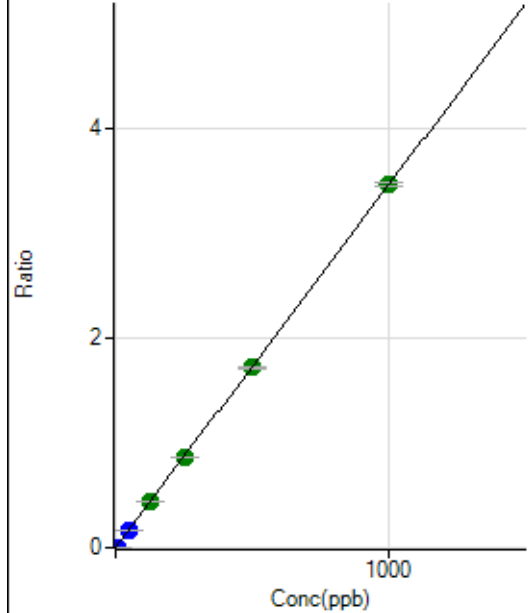
$$DL = 0.006284$$

$$BEC = 0.004584$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	34.4
2	☐	0.500					
3	☐	5.000	0.897	14238.72	0.0031	P	3.8
4	☐	50.000	49.878	783168.69	0.1722	P	1.0
5	☐	125.000	126.531	1996444.68	0.4367	A	0.1
6	☐	250.000	250.289	3957304.86	0.8638	A	0.3
7	☐	500.000	497.487	7712267.62	1.7169	A	0.7
8	☐	1000.000	1001.019	15280033.15	3.4547	A	1.2
9	☐			8380.72	0.0018	P	2.8

$$y = 0.0035 * x + 1.7215E-005$$

$$R = 1.0000$$

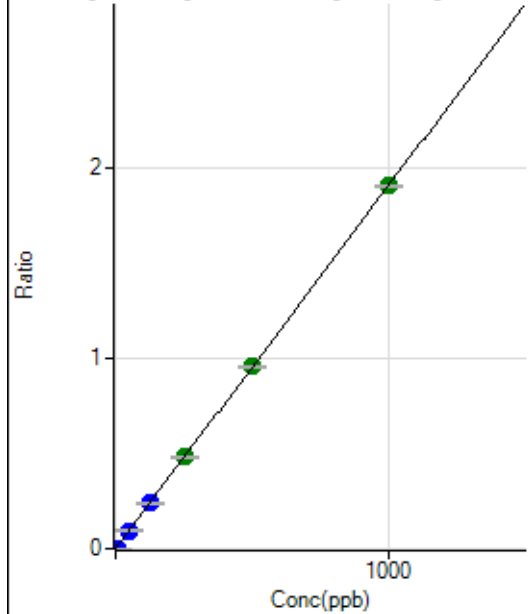
$$DL = 0.005148$$

$$BEC = 0.004988$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	0.924	8116.69	0.0018	P	3.5
4	☐	50.000	50.139	434134.66	0.0954	P	0.9
5	☐	125.000	124.507	1083278.07	0.2370	P	0.5
6	☐	250.000	252.007	2197035.18	0.4796	A	0.7
7	☐	500.000	500.736	4280558.21	0.9529	A	0.4
8	☐	1000.000	999.205	8410788.90	1.9015	A	0.7
9	☐			3989.68	0.0009	P	2.0

$$y = 0.0019 * x + 1.6606E-005$$

$$R = 1.0000$$

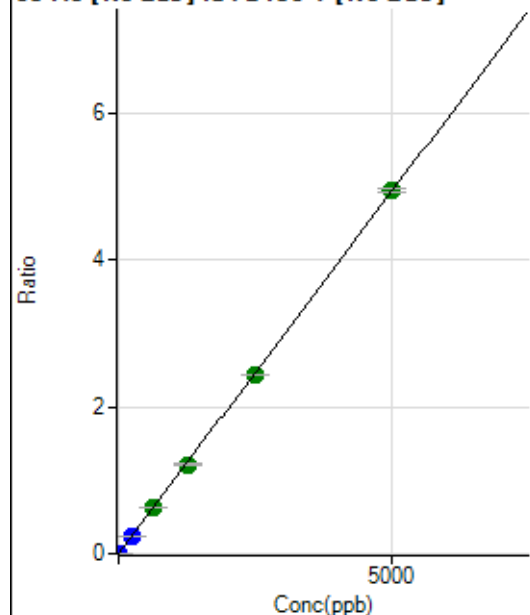
$$DL = 0.005111$$

$$BEC = 0.008726$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	54.2
2	☐	0.500					
3	☐	5.000	4.543	20552.45	0.0045	P	1.1
4	☐	250.000	251.437	1126435.02	0.2476	P	0.5
5	☐	625.000	630.212	2837037.32	0.6206	A	1.5
6	☐	1250.000	1235.355	5572899.47	1.2164	A	0.6
7	☐	2500.000	2477.700	10959369.43	2.4398	A	0.4
8	☐	5000.000	5014.088	21838104.14	4.9373	A	0.9
9	☐			10279.37	0.0023	P	4.1

$$y = 9.8468E-004 * x + 1.9689E-005$$

$$R = 1.0000$$

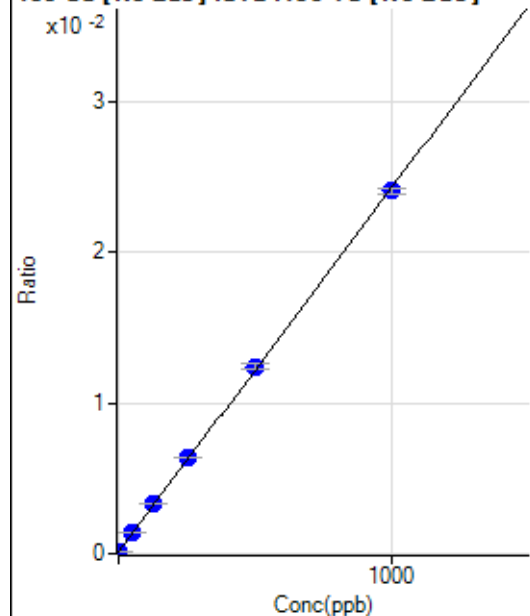
$$DL = 0.03253$$

$$BEC = 0.02$$

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	702.84	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	0.922	825.06	0.0001	P	12.7
4	☐	50.000	54.112	8227.87	0.0014	P	5.2
5	☐	125.000	133.419	19564.99	0.0033	P	0.5
6	☐	250.000	257.159	37723.22	0.0063	P	0.3
7	☐	500.000	509.513	73497.71	0.0124	P	2.6
8	☐	1000.000	992.196	143917.78	0.0240	P	1.7
9	☐			836.18	0.0001	P	15.0

$$y = 2.4105E-005 * x + 1.2124E-004$$

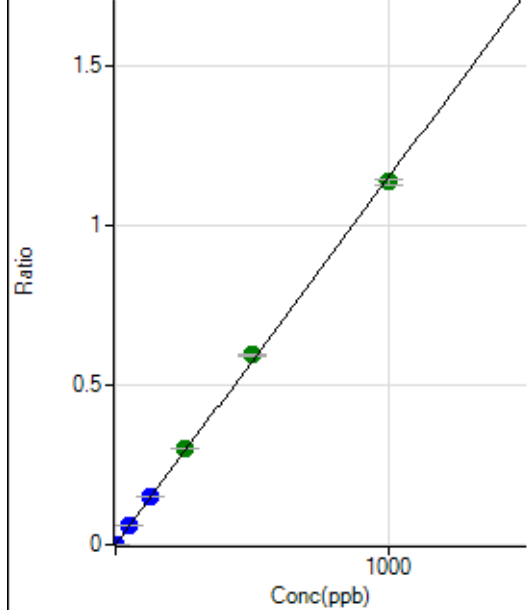
$$R = 0.9999$$

$$DL = 0.4032$$

$$BEC = 5.03$$

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	66.67	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	1.002	6704.72	0.0012	P	3.9
4	☐	50.000	54.274	360925.07	0.0625	P	1.3
5	☐	125.000	131.688	889410.84	0.1517	P	0.6
6	☐	250.000	261.691	1799462.11	0.3015	A	0.7
7	☐	500.000	516.153	3523872.47	0.5946	A	0.8
8	☐	1000.000	987.951	6812795.47	1.1381	A	1.8
9	☐			397.25	0.0001	P	10.3

$$y = 0.0012 * x + 1.1497E-005$$

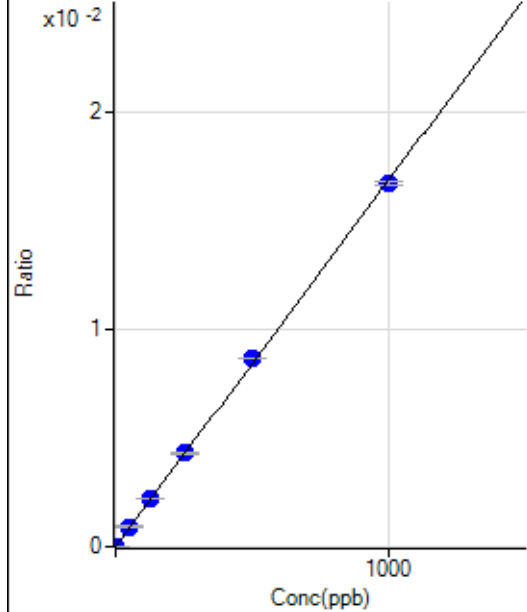
$$R = 0.9997$$

$$DL = 0.01118$$

$$BEC = 0.00998$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.94	0.0000	P	34.5
2	☐	0.100					
3	☐	1.000	1.103	113.89	0.0000	P	9.4
4	☐	50.000	54.855	5348.41	0.0009	P	1.8
5	☐	125.000	131.568	13020.43	0.0022	P	1.9
6	☐	250.000	256.035	25790.27	0.0043	P	1.3
7	☐	500.000	514.053	51407.57	0.0087	P	0.7
8	☐	1000.000	990.401	100041.10	0.0167	P	1.1
9	☐			18.06	0.0000	P	13.2

$$y = 1.6872E-005 * x + 1.1972E-006$$

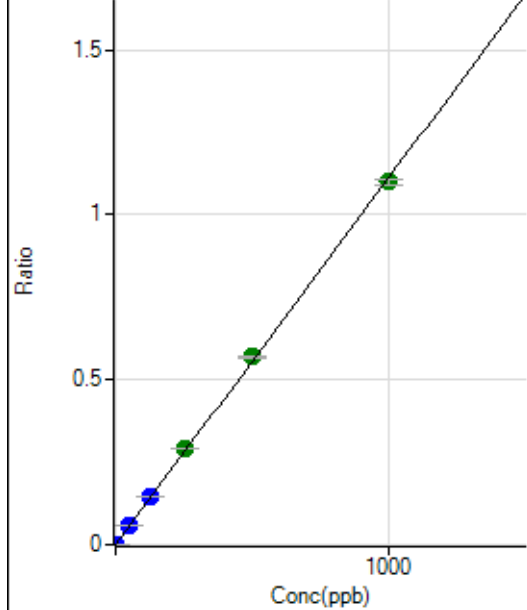
$$R = 0.9998$$

$$DL = 0.07337$$

$$BEC = 0.07096$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	0.992	6399.04	0.0011	P	2.8
4	☐	50.000	53.004	339902.57	0.0589	P	0.5
5	☐	125.000	130.736	851499.11	0.1452	P	0.3
6	☐	250.000	261.769	1735753.12	0.2908	A	1.0
7	☐	500.000	513.342	3379695.95	0.5703	A	1.1
8	☐	1000.000	989.519	6580159.69	1.0993	A	1.8
9	☐			327.80	0.0001	P	20.3

$$y = 0.0011 * x + 1.1023E-005$$

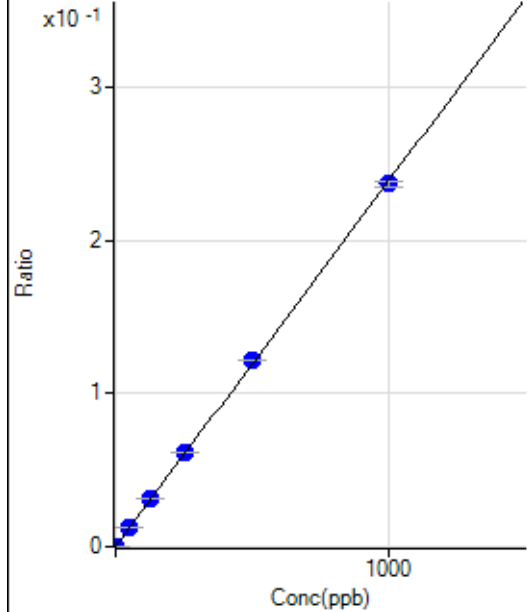
$$R = 0.9998$$

$$DL = 0.005967$$

$$BEC = 0.009922$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.07	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	1.033	1910.43	0.0003	P	3.8
4	☐	50.000	53.557	74365.87	0.0129	P	0.6
5	☐	125.000	130.818	183779.98	0.0313	P	1.0
6	☐	250.000	255.380	364799.96	0.0611	P	0.3
7	☐	500.000	510.354	723342.24	0.1221	P	0.4
8	☐	1000.000	992.573	1420503.56	0.2373	P	1.5
9	☐			760.19	0.0001	P	13.2

$$y = 2.3899E-004 * x + 8.5228E-005$$

$$R = 0.9999$$

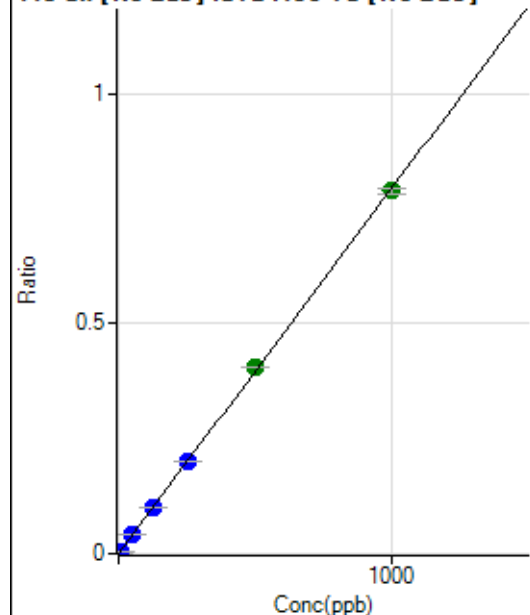
$$DL = 0.0487$$

$$BEC = 0.3566$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	402.80	0.0001	P	12.5
2	☐	0.500					
3	☐	5.000	4.712	21893.72	0.0038	P	1.8
4	☐	50.000	51.574	236502.47	0.0410	P	1.0
5	☐	125.000	127.093	591403.25	0.1009	P	0.6
6	☐	250.000	251.377	1190542.01	0.1995	P	0.3
7	☐	500.000	511.004	2402594.43	0.4054	A	0.4
8	☐	1000.000	993.815	4719294.90	0.7884	A	1.4
9	☐			4428.72	0.0007	P	1.7

$$y = 7.9319\text{E-}004 * x + 6.9471\text{E-}005$$

$$R = 0.9999$$

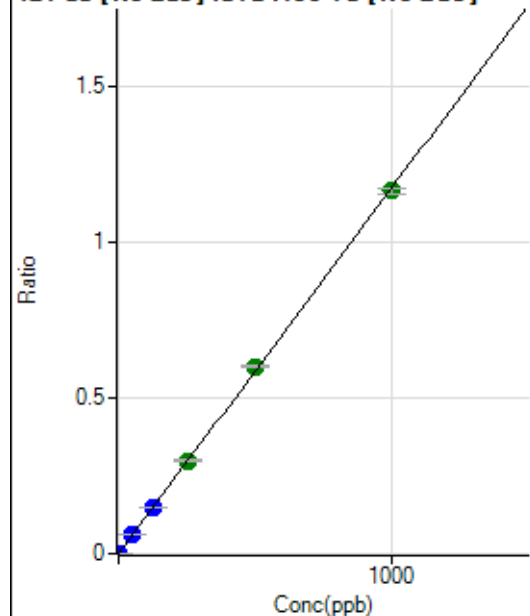
$$DL = 0.03279$$

$$BEC = 0.08758$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	41.6
2	☐	0.200					
3	☐	2.000	1.901	12859.47	0.0022	P	3.0
4	☐	50.000	51.774	349868.95	0.0606	P	0.8
5	☐	125.000	127.639	876030.67	0.1494	P	1.0
6	☐	250.000	254.963	1781609.00	0.2985	A	0.4
7	☐	500.000	510.836	3544062.58	0.5980	A	1.0
8	☐	1000.000	992.923	6957958.84	1.1624	A	1.9
9	☐			5612.54	0.0009	P	2.8

$$y = 0.0012 * x + 1.0539\text{E-}005$$

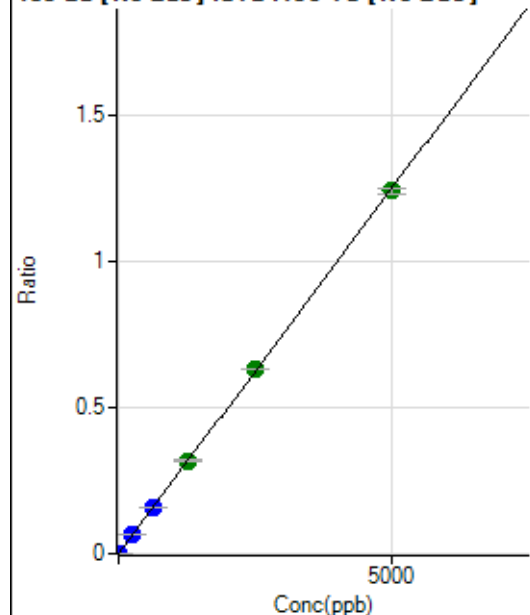
$$R = 0.9999$$

$$DL = 0.01123$$

$$BEC = 0.009003$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.7
2	☐	1.000					
3	☐	10.000	9.452	13593.72	0.0024	P	3.8
4	☐	250.000	257.595	371167.15	0.0643	P	0.2
5	☐	625.000	636.861	932049.34	0.1590	P	0.9
6	☐	1250.000	1275.117	1899995.96	0.3183	A	1.0
7	☐	2500.000	2541.294	3759832.16	0.6344	A	0.0
8	☐	5000.000	4971.212	7428687.93	1.2410	A	1.7
9	☐			1850.22	0.0003	P	3.9

$$y = 2.4964\text{E-}004 * x + 4.3131\text{E-}006$$

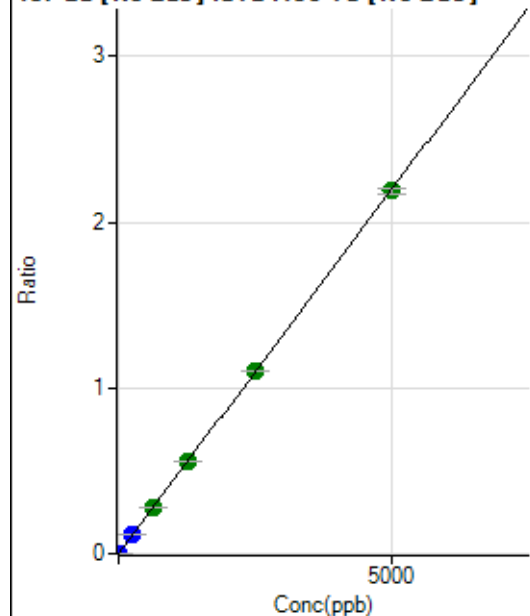
$$R = 0.9999$$

$$DL = 0.02993$$

$$BEC = 0.01728$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	8.8
2	☐	1.000					
3	☐	10.000	9.350	23672.08	0.0041	P	4.1
4	☐	250.000	258.658	655588.68	0.1136	P	0.3
5	☐	625.000	646.079	1663276.97	0.2837	A	0.2
6	☐	1250.000	1275.249	3342453.98	0.5600	A	0.4
7	☐	2500.000	2512.701	6538933.91	1.1034	A	0.8
8	☐	5000.000	4984.271	13101561.49	2.1887	A	1.7
9	☐			3178.30	0.0005	P	7.9

$$y = 4.3911\text{E-}004 * x + 9.5847\text{E-}006$$

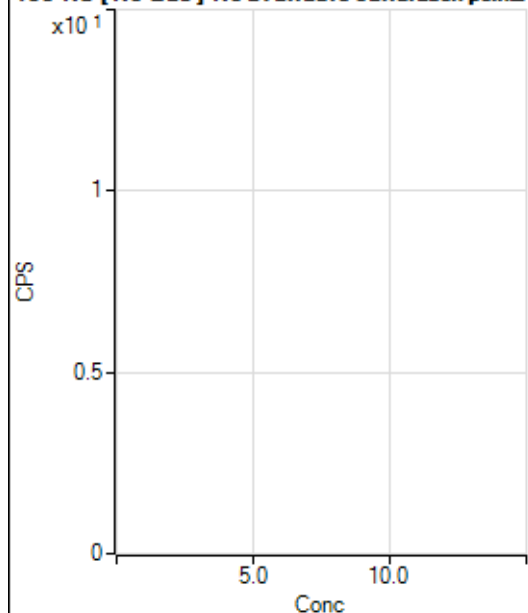
$$R = 1.0000$$

$$DL = 0.005792$$

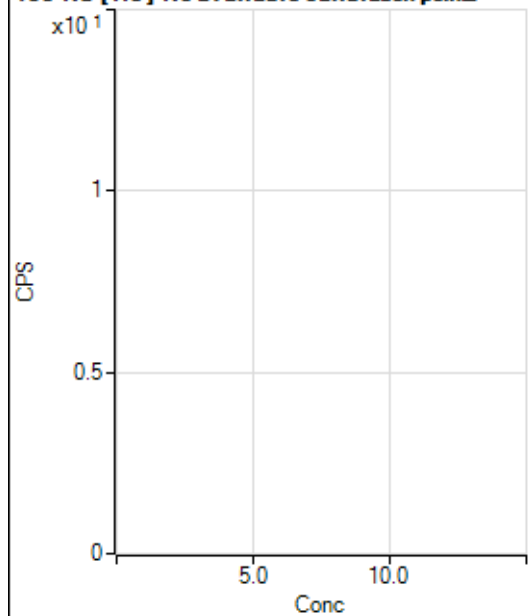
$$BEC = 0.02183$$

Weight: <None>

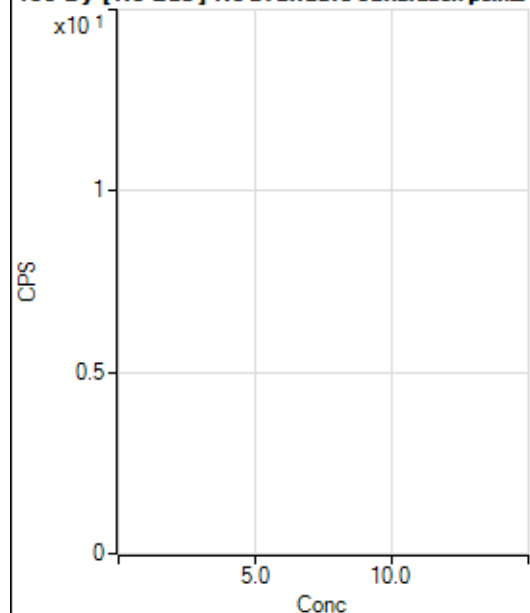
Min Conc: 0

150 Nd [No Gas] No available calibration points

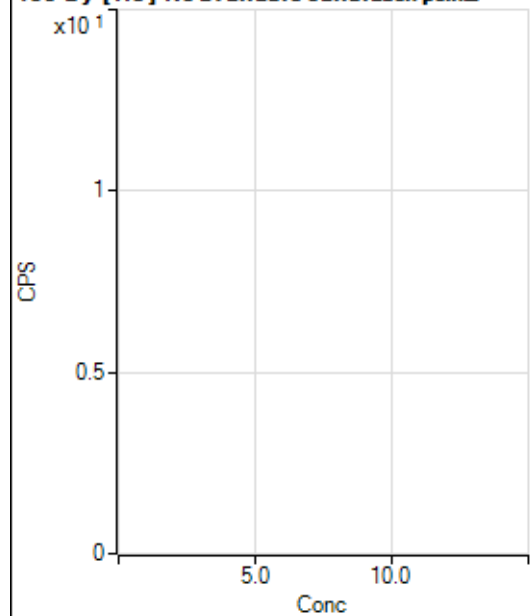
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			8.89		P	86.6
4	☐			20.00		P	33.4
5	☐			53.33		P	57.3
6	☐			108.90		P	41.7
7	☐			168.90		P	9.1
8	☐			297.79		P	3.4
9	☐			53.33		P	65.0

150 Nd [He] No available calibration points

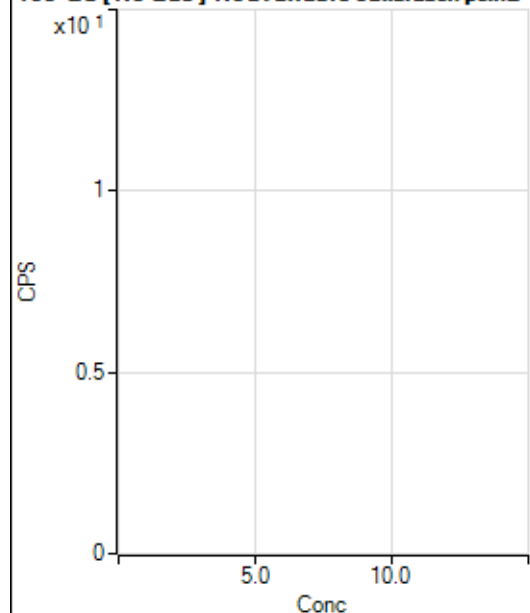
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			0.00		P	
7	☐			2.22		P	173.2
8	☐			4.44		P	43.4
9	☐			8.89		P	21.6

156 Dy [No Gas] No available calibration points

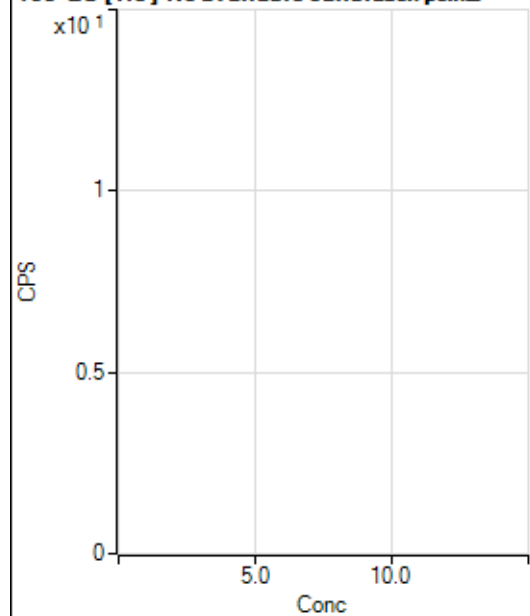
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			19.45		P	24.7
4	☐			25.00		P	33.3
5	☐			13.89		P	34.7
6	☐			33.33		P	66.2
7	☐			30.56		P	41.7
8	☐			86.11		P	20.1
9	☐			52.78		P	24.1

156 Dy [He] No available calibration points

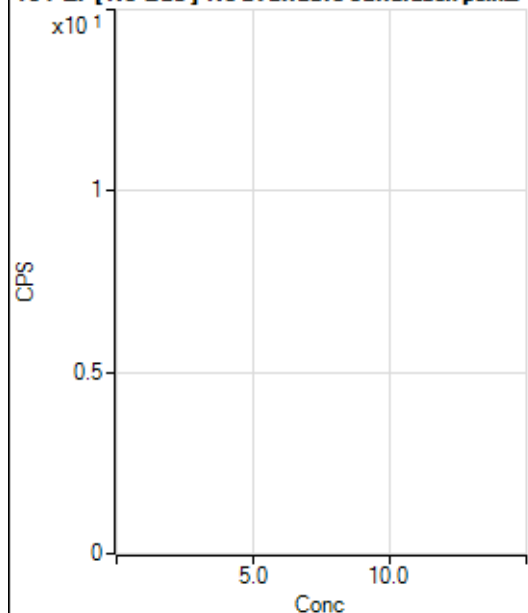
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	86.6
5	☐			5.55		P	69.3
6	☐			3.33		P	100.1
7	☐			1.11		P	173.2
8	☐			8.89		P	43.3
9	☐			7.78		P	99.0

160 Gd [No Gas] Noavailable calibration poin_

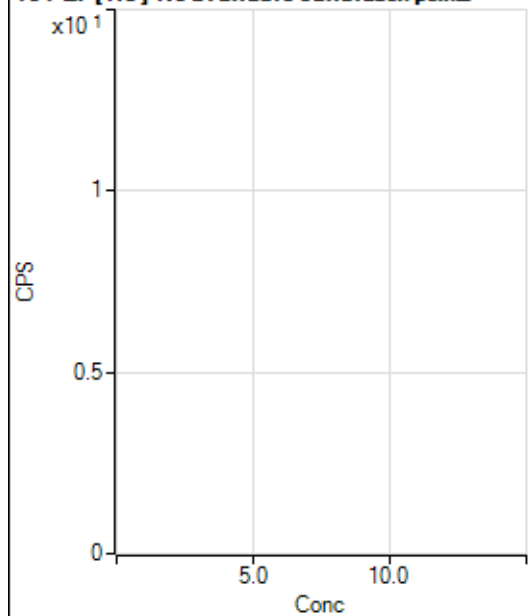
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.0
2	☐						
3	☐			33.34		P	43.3
4	☐			38.89		P	101.3
5	☐			33.33		P	0.0
6	☐			50.00		P	33.3
7	☐			50.00		P	16.7
8	☐			61.11		P	43.8
9	☐			75.00		P	11.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			8.89		P	78.1
4	☐			6.67		P	50.0
5	☐			4.44		P	114.6
6	☐			5.56		P	34.7
7	☐			7.78		P	24.7
8	☐			6.67		P	100.0
9	☐			10.00		P	57.8

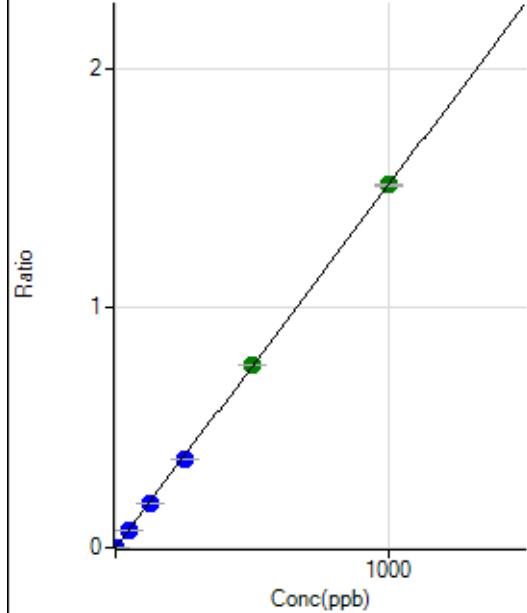
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			33.33		P	50.0
4	☐			22.22		P	21.6
5	☐			27.78		P	34.6
6	☐			38.89		P	24.7
7	☐			22.22		P	21.6
8	☐			44.44		P	60.3
9	☐			52.78		P	36.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			6.67		P	50.0
4	☐			3.33		P	100.1
5	☐			2.22		P	86.6
6	☐			5.55		P	124.9
7	☐			6.67		P	50.0
8	☐			6.67		P	0.0
9	☐			6.67		P	0.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.966	5982.23	0.0015	P	3.4
4	☐	50.000	49.448	295589.89	0.0750	P	1.1
5	☐	125.000	122.837	742176.12	0.1861	P	0.7
6	☐	250.000	244.764	1509450.20	0.3708	P	0.4
7	☐	500.000	502.821	3112625.18	0.7617	A	0.4
8	☐	1000.000	1000.196	6124212.59	1.5150	A	0.5
9	☐			2528.16	0.0007	P	1.2

$$y = 0.0015 * x + 6.4718E-005$$

$$R = 1.0000$$

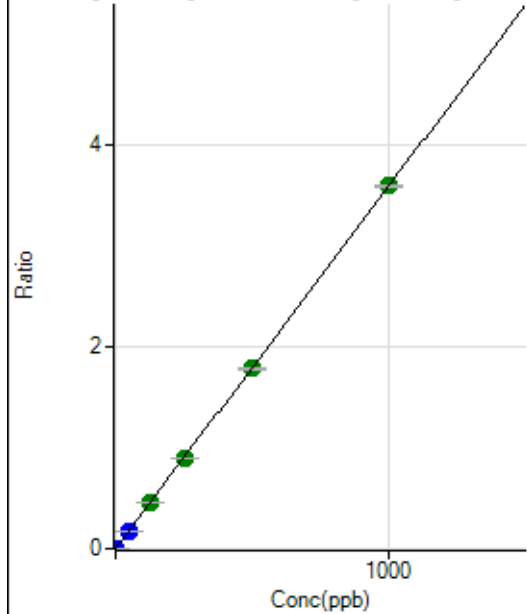
$$DL = 0.01255$$

$$BEC = 0.04273$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	638.93	0.0002	P	8.8
2	☐	0.100					
3	☐	1.000	0.923	13613.43	0.0035	P	2.1
4	☐	50.000	49.806	705608.71	0.1789	P	0.3
5	☐	125.000	126.031	1804569.57	0.4525	A	0.2
6	☐	250.000	249.840	3651275.82	0.8970	A	0.6
7	☐	500.000	496.727	7286910.32	1.7832	A	0.7
8	☐	1000.000	1001.558	14532793.55	3.5952	A	0.6
9	☐			5515.38	0.0014	P	2.4

$$y = 0.0036 * x + 1.6358E-004$$

$$R = 1.0000$$

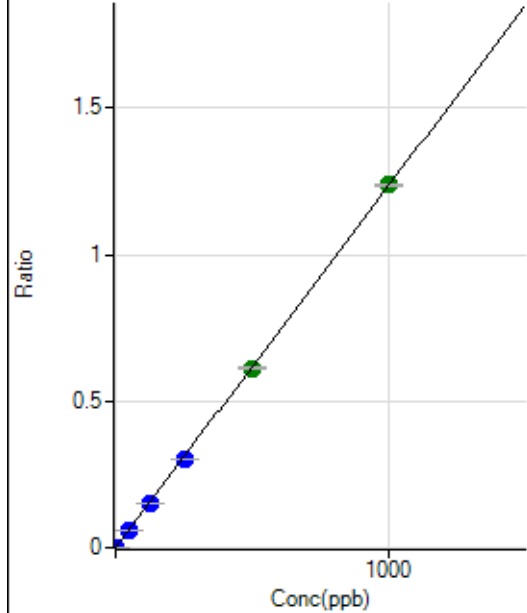
$$DL = 0.01198$$

$$BEC = 0.04557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.25	0.0001	P	16.3
2	☐	0.100					
3	☐	1.000	0.943	5028.94	0.0013	P	1.5
4	☐	50.000	49.350	240483.70	0.0610	P	1.0
5	☐	125.000	122.319	602076.67	0.1510	P	0.6
6	☐	250.000	244.933	1230225.01	0.3022	P	1.0
7	☐	500.000	496.980	2505401.91	0.6131	A	0.2
8	☐	1000.000	1003.145	5001879.28	1.2374	A	0.7
9	☐			9159.16	0.0024	P	0.7

$$y = 0.0012 * x + 1.2083E-004$$

$$R = 1.0000$$

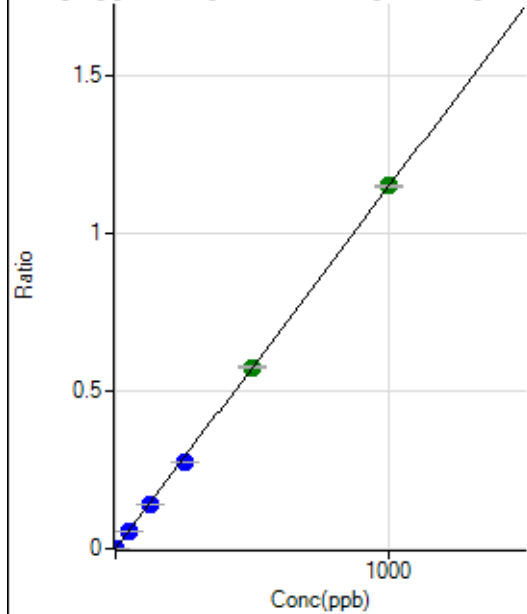
$$DL = 0.048$$

$$BEC = 0.09797$$

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	405.58	0.0001	P	11.0
2	☐	0.100					
3	☐	1.000	0.899	4436.10	0.0011	P	2.2
4	☐	50.000	48.388	218788.17	0.0555	P	1.1
5	☐	125.000	120.646	551039.03	0.1382	P	0.3
6	☐	250.000	240.616	1121484.79	0.2755	P	0.5
7	☐	500.000	499.840	2338267.47	0.5722	A	1.1
8	☐	1000.000	1003.051	4641201.49	1.1481	A	0.2
9	☐			8021.28	0.0021	P	3.4

$$y = 0.0011 * x + 1.0380E-004$$

$$R = 0.9999$$

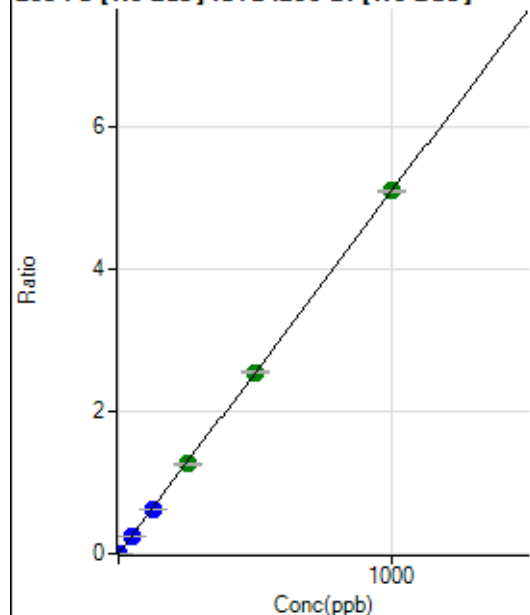
$$DL = 0.02994$$

$$BEC = 0.09069$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1822.34	0.0005	P	13.2
2	☐	0.100					
3	☐	1.000	0.919	20125.44	0.0051	P	3.3
4	☐	50.000	48.856	981800.55	0.2490	P	0.9
5	☐	125.000	121.780	2472060.38	0.6199	P	0.3
6	☐	250.000	247.040	5117336.43	1.2571	A	0.8
7	☐	500.000	499.942	10394345.60	2.5436	A	0.6
8	☐	1000.000	1001.229	20589672.11	5.0936	A	0.3
9	☐			36276.74	0.0095	P	0.4

$$y = 0.0051 * x + 4.6633E-004$$

$$R = 1.0000$$

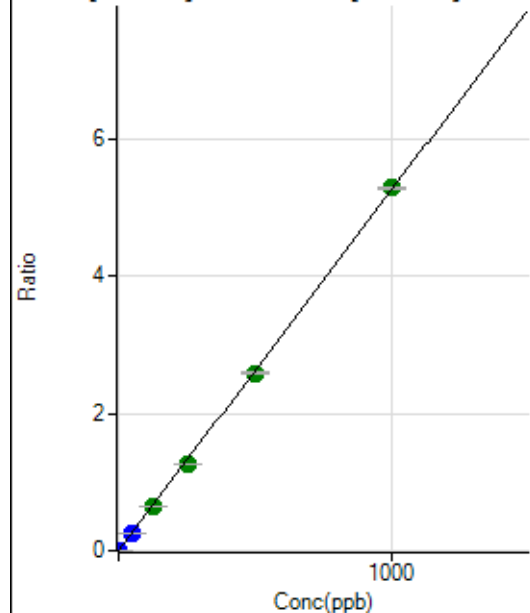
$$DL = 0.03641$$

$$BEC = 0.09167$$

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	108.34	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	0.863	17849.66	0.0046	P	3.3
4	☐	50.000	47.815	989810.89	0.2510	P	0.6
5	☐	125.000	122.309	2560214.71	0.6420	A	0.7
6	☐	250.000	241.405	5158532.93	1.2672	A	0.4
7	☐	500.000	492.780	10570599.37	2.5867	A	0.3
8	☐	1000.000	1006.204	21350518.53	5.2817	A	0.4
9	☐			1150.11	0.0003	P	5.1

$$y = 0.0052 * x + 2.7722E-005$$

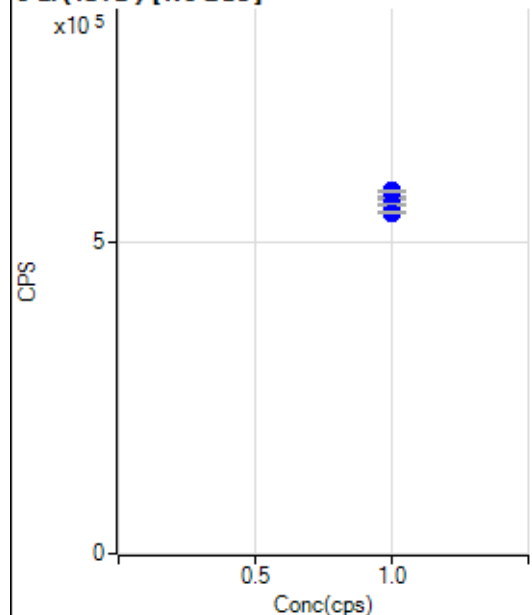
$$R = 0.9999$$

$$DL = 0.003183$$

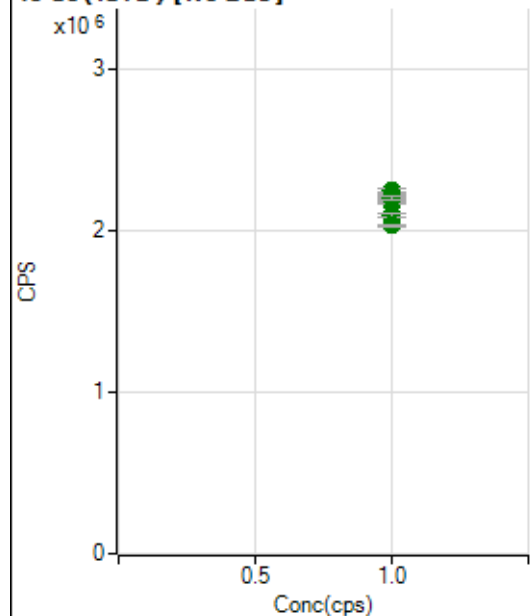
$$BEC = 0.005281$$

Weight: <None>

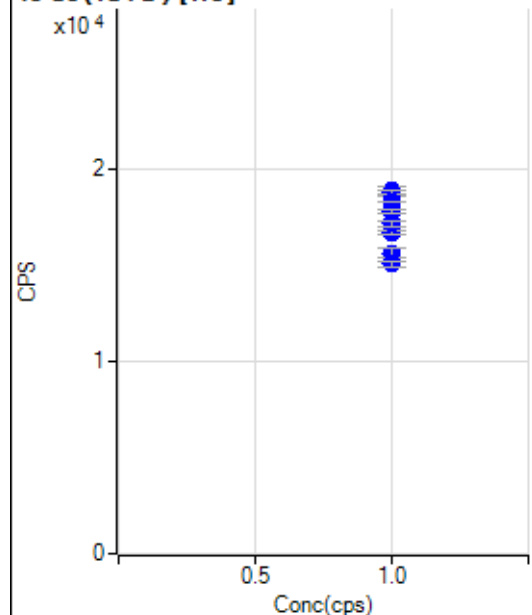
Min Conc: 0

6 Li (ISTD) [No Gas]

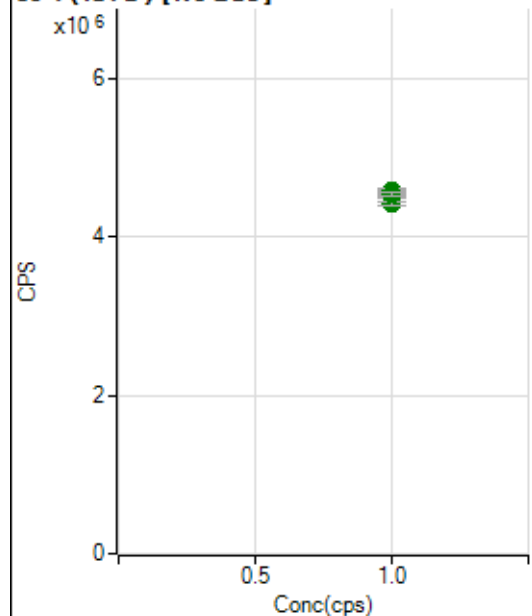
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		561412.78		P	0.8
2	☐	1.000					
3	☐	1.000		571079.82		P	0.3
4	☐	1.000		572535.46		P	0.2
5	☐	1.000		573851.92		P	0.2
6	☐	1.000		570900.44		P	0.2
7	☐	1.000		562888.77		P	0.5
8	☐	1.000		549211.67		P	0.3
9	☐	1.000		583994.39		P	0.3

45 Sc (ISTD) [No Gas]

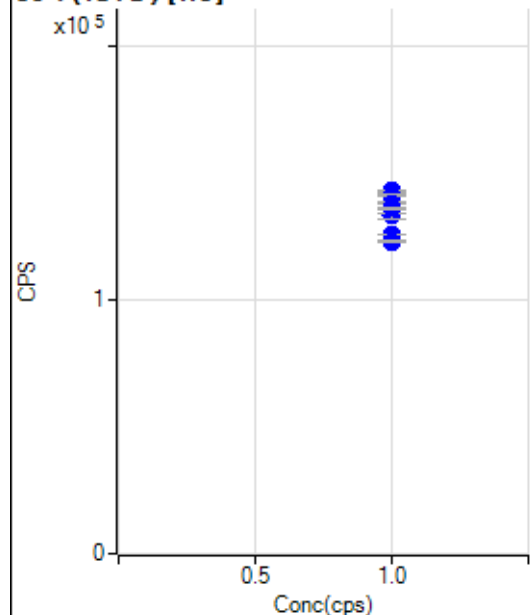
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2229315.96		A	0.6
2	☐	1.000					
3	☐	1.000		2244860.36		A	1.0
4	☐	1.000		2214845.21		A	0.9
5	☐	1.000		2223349.83		A	0.6
6	☐	1.000		2166952.98		A	0.6
7	☐	1.000		2089167.86		A	1.1
8	☐	1.000		2029686.76		A	0.3
9	☐	1.000		2200146.34		A	0.9

45 Sc (ISTD) [He]

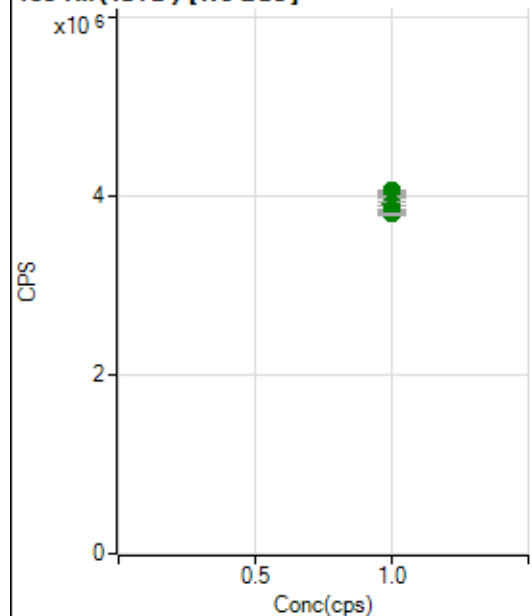
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18890.69		P	2.8
2	☐	1.000					
3	☐	1.000		18794.96		P	1.2
4	☐	1.000		18302.14		P	0.1
5	☐	1.000		17844.87		P	1.3
6	☐	1.000		16747.94		P	1.3
7	☐	1.000		15662.26		P	2.8
8	☐	1.000		15111.63		P	2.1
9	☐	1.000		17184.03		P	1.9

89 Y (ISTD) [No Gas]

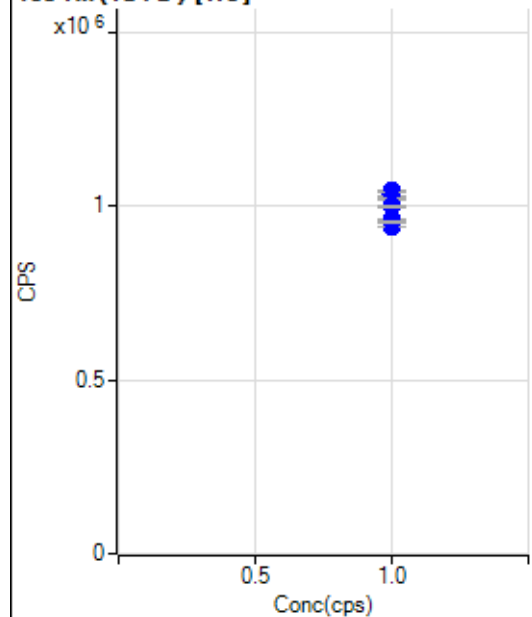
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4518169.41		A	0.3
2	☐	1.000					
3	☐	1.000		4573833.09		A	0.6
4	☐	1.000		4549470.73		A	0.9
5	☐	1.000		4571764.31		A	0.3
6	☐	1.000		4581285.42		A	0.9
7	☐	1.000		4492051.18		A	0.5
8	☐	1.000		4423368.13		A	1.0
9	☐	1.000		4544253.86		A	0.7

89 Y (ISTD) [He]

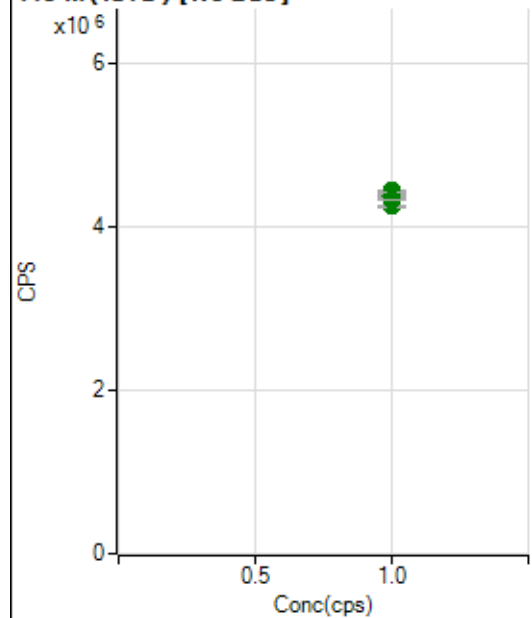
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		142790.00		P	0.2
2	☐	1.000					
3	☐	1.000		142655.45		P	0.9
4	☐	1.000		140981.71		P	0.6
5	☐	1.000		137890.33		P	0.4
6	☐	1.000		132870.59		P	1.5
7	☐	1.000		125627.79		P	0.5
8	☐	1.000		122929.98		P	0.4
9	☐	1.000		135956.87		P	0.5

103 Rh (ISTD) [No Gas]

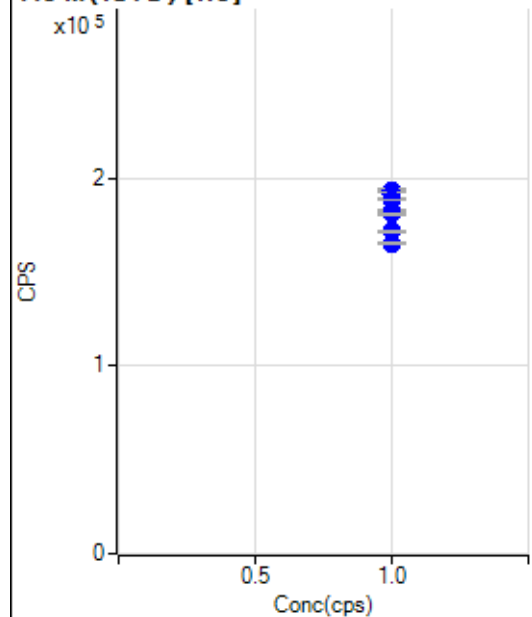
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4010784.94		A	0.8
2	☐	1.000					
3	☐	1.000		4053617.19		A	0.2
4	☐	1.000		4030103.09		A	1.2
5	☐	1.000		4035975.48		A	0.4
6	☐	1.000		3988431.30		A	0.5
7	☐	1.000		3903968.06		A	1.0
8	☐	1.000		3844310.54		A	0.6
9	☐	1.000		3792329.64		A	0.5

103 Rh (ISTD) [He]

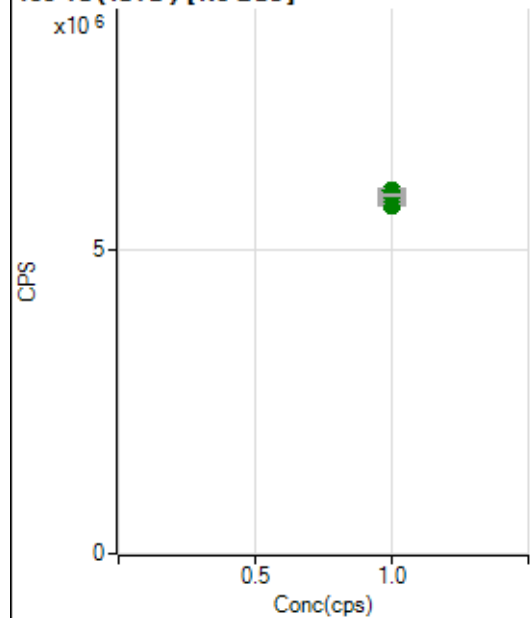
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1040819.82		P	0.3
2	☐	1.000					
3	☐	1.000		1044636.48		P	0.6
4	☐	1.000		1036097.84		P	0.8
5	☐	1.000		1023496.32		P	0.5
6	☐	1.000		1000260.66		P	0.8
7	☐	1.000		961913.22		P	0.2
8	☐	1.000		939943.24		P	0.2
9	☐	1.000		955307.60		P	0.2

115 In (ISTD) [No Gas]

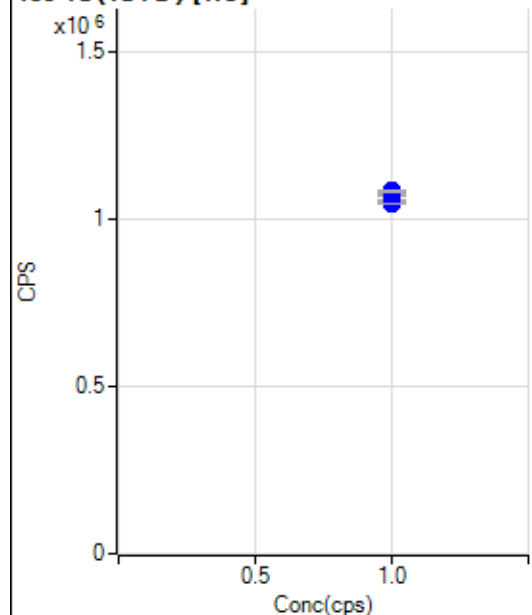
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4395228.46		A	0.5
2	☐	1.000					
3	☐	1.000		4436962.91		A	0.1
4	☐	1.000		4419525.27		A	0.6
5	☐	1.000		4409889.86		A	0.9
6	☐	1.000		4413582.86		A	0.5
7	☐	1.000		4385744.57		A	1.1
8	☐	1.000		4248442.03		A	0.5
9	☐	1.000		4319074.49		A	0.2

115 In (ISTD) [He]

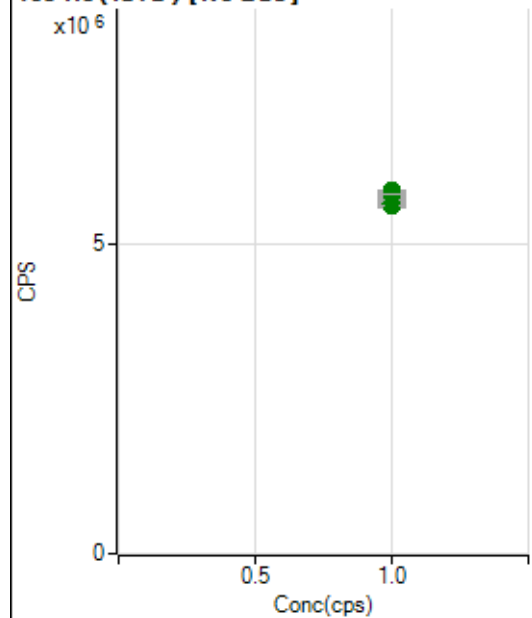
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192950.56		P	0.7
2	☐	1.000					
3	☐	1.000		193121.60		P	1.0
4	☐	1.000		190982.29		P	1.3
5	☐	1.000		188368.95		P	0.4
6	☐	1.000		182475.15		P	0.8
7	☐	1.000		171874.85		P	0.7
8	☐	1.000		165131.94		P	0.4
9	☐	1.000		180778.37		P	0.3

159 Tb (ISTD) [No Gas]

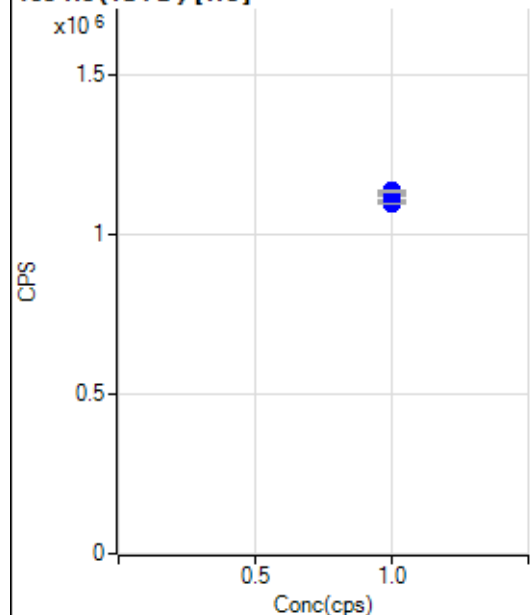
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5797397.21		A	0.2
2	☐	1.000					
3	☐	1.000		5751330.75		A	0.5
4	☐	1.000		5771594.36		A	0.3
5	☐	1.000		5862634.64		A	0.6
6	☐	1.000		5968884.49		A	0.6
7	☐	1.000		5926596.44		A	0.8
8	☐	1.000		5987058.59		A	1.5
9	☐	1.000		5928291.93		A	0.5

159 Tb (ISTD) [He]

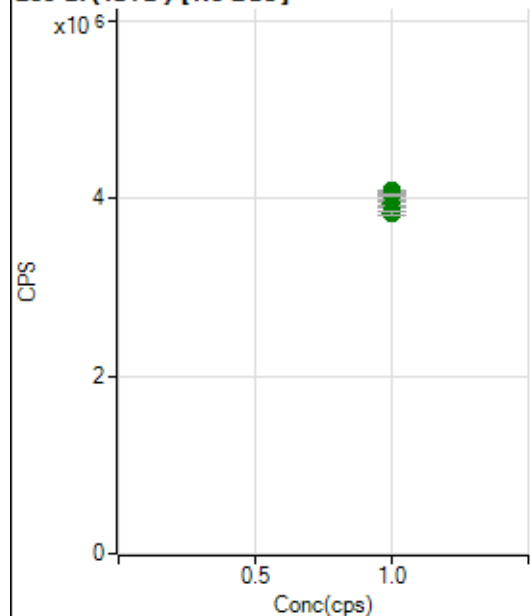
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1075835.42		P	0.7
2	☐	1.000					
3	☐	1.000		1079257.07		P	0.3
4	☐	1.000		1082349.79		P	0.5
5	☐	1.000		1082232.80		P	0.5
6	☐	1.000		1071918.87		P	0.7
7	☐	1.000		1056537.53		P	0.3
8	☐	1.000		1046956.17		P	0.3
9	☐	1.000		1085859.68		P	0.4

165 Ho (ISTD) [No Gas]

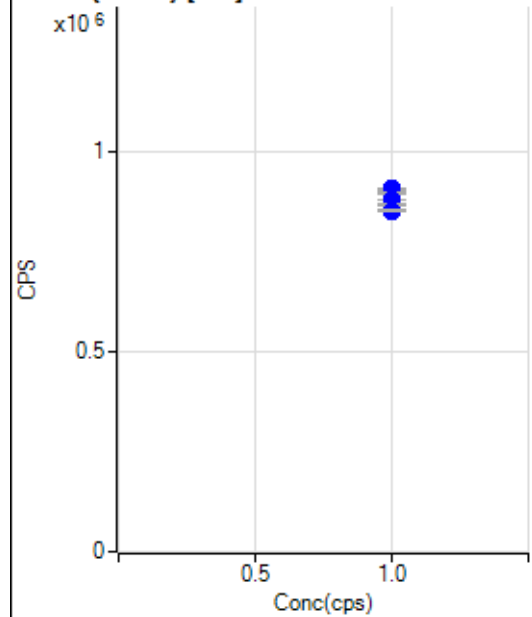
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5642663.15		A	0.7
2	☐	1.000					
3	☐	1.000		5634202.91		A	1.1
4	☐	1.000		5638379.38		A	1.1
5	☐	1.000		5723592.62		A	0.6
6	☐	1.000		5796477.91		A	0.5
7	☐	1.000		5857801.65		A	0.6
8	☐	1.000		5856400.91		A	0.7
9	☐	1.000		5806216.93		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1117882.67		P	0.1
2	☐	1.000					
3	☐	1.000		1125654.83		P	0.6
4	☐	1.000		1126719.60		P	0.2
5	☐	1.000		1124374.09		P	0.5
6	☐	1.000		1117910.49		P	0.2
7	☐	1.000		1104035.67		P	0.2
8	☐	1.000		1096102.81		P	0.1
9	☐	1.000		1134563.53		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3906784.56		A	0.4
2	☐	1.000					
3	☐	1.000		3916828.97		A	0.7
4	☐	1.000		3943308.97		A	0.8
5	☐	1.000		3987571.05		A	0.1
6	☐	1.000		4070786.43		A	0.5
7	☐	1.000		4086511.29		A	0.2
8	☐	1.000		4042328.13		A	0.7
9	☐	1.000		3834251.99		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		903543.70		P	0.4
2	☐	1.000					
3	☐	1.000		909129.06		P	0.2
4	☐	1.000		907072.20		P	0.4
5	☐	1.000		904738.73		P	0.3
6	☐	1.000		898333.26		P	0.2
7	☐	1.000		881266.19		P	0.2
8	☐	1.000		870965.34		P	0.3
9	☐	1.000		853772.30		P	0.6

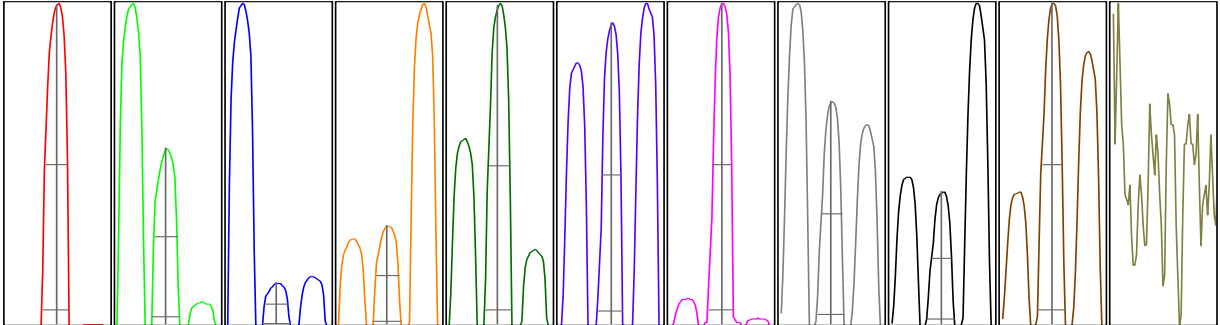
US EPA Tune Check Sample Report

Batch Folder D:\P8011618MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3588	1.18	5.00	
24	26519	1.39	5.00	
25	3559	1.48	5.00	
26	4023	1.01	5.00	
59	46024	1.07	5.00	
113	6896	1.23	5.00	
115	88080	0.60	5.00	
206	22439	1.25	5.00	
207	20138	1.24	5.00	
208	48867	1.17	5.00	
220	1	24.79		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3514	3613	3593	3612	3609
24	25887	26547	26592	26754	26813
25	3474	3545	3574	3606	3594
26	3956	4019	4028	4050	4061
59	45168	46027	46307	46303	46314
113	6754	6903	6917	6928	6980
115	87417	88243	87745	88797	88198
206	21955	22445	22560	22628	22607
207	19702	20160	20290	20239	20297
208	47859	48965	49191	49082	49237
220	1	1	2	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	5792	9.00	8.9 - 9.1		0.781	0.900	
24	42923	23.95	23.9 - 24.1		0.784	0.900	
25	5707	24.95	24.9 - 25.1		0.784	0.900	
26	6596	25.95	25.9 - 26.1		0.783	0.900	
59	76763	58.95	58.9 - 59.1		0.777	0.900	
113	12608	113.05	112.9 - 113.1		0.719	0.900	
115	160060	115.05	114.9 - 115.1		0.730	0.900	
206	39570	206.00	205.9 - 206.1		0.778	0.900	
207	35532	207.00	206.9 - 207.1		0.791	0.900	
208	85554	208.00	207.9 - 208.1		0.782	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	14.4	V
Extract 2	-245.0	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
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5997	2.12	
89	1448	2.30	
205	9290	1.68	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5776	6059	6092	6053	6004
89	1390	1457	1474	1466	1452
205	9016	9383	9383	9362	9308

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	1.8	V
Extract 2	-245.0	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
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	-1.96	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.04	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	0.04	-0.03	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.93	-0.36	-0.58	0.00	N/A	ppb
Boron	11-1	0.09	0.00	-0.09	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.11	-0.15	0.04	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.01	0.01	0.00	N/A	ppb
Calcium	43-1	0.15	2.04	-2.19	0.00	N/A	ppb
Calcium	44-1	0.66	-1.68	1.02	0.00	N/A	ppb
Chromium	52-2	0.08	-0.06	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.02	0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.07	0.39	-0.47	0.00	N/A	ppb
Iron	57-2	-3.56	3.05	0.51	0.00	N/A	ppb
Lead	206-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-3.98	-1.65	5.64	0.00	N/A	ppb
Manganese	55-2	0.00	0.08	-0.08	0.00	N/A	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.21	-0.10	0.00	N/A	ppb
Phosphorus	31-2	-9.53	-9.53	18.95	-0.04		ppb
Potassium	39-2	-12.99	7.73	5.26	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.30	4.60	-2.30	0.00	N/A	ppb
Selenium	78-2	0.35	-1.80	1.45	0.00	N/A	ppb
Selenium	82-1	0.18	0.85	-1.02	0.00	N/A	ppb
Silicon	28-1	1.31	-0.66	-0.65	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	-9.78	5.00	4.78	0.00	N/A	ppb
Strontium	86-1	0.02	-0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	228.70	-271.15	-77.85	-40.10		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	0.02	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	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.11	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.32	8.47	20.78	14.52	42.41	ppb
Antimony	121-1	1.87	1.87	1.97	1.90	3.02	ppb
Arsenic	75-2	0.92	1.13	1.03	1.03	10.34	ppb
Barium	135-1	9.47	9.08	9.81	9.45	3.83	ppb
Barium	137-1	9.26	9.77	9.02	9.35	4.10	ppb
Beryllium	9-1	0.91	0.87	1.09	0.96	12.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	19.50	22.74	20.29	20.84	8.11	ppb
Boron	11-1	21.97	22.79	23.71	22.82	3.82	ppb
Cadmium	111-1	1.09	1.01	1.00	1.03	5.11	ppb
Cadmium	106-1	1.77	0.65	0.34	0.92	81.78	ppb
Cadmium	108-1	1.00	1.08	1.22	1.10	10.01	ppb
Calcium	43-1	451.92	518.45	451.41	473.93	8.14	ppb
Calcium	44-1	463.18	461.56	457.68	460.81	0.61	ppb
Chromium	52-2	1.94	1.90	2.06	1.96	4.30	ppb
Cobalt	59-2	0.97	0.92	0.83	0.91	7.54	ppb
Copper	63-2	1.78	1.81	1.90	1.83	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	48.60	50.85	48.67	49.37	2.59	ppb
Iron	57-2	54.73	51.44	53.80	53.32	3.18	ppb
Lead	206-1	0.93	0.96	0.95	0.94	1.68	ppb
Lead	207-1	0.87	0.92	0.90	0.90	2.46	ppb
Lead	208-1	0.88	0.94	0.94	0.92	3.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	477.87	494.69	472.01	481.52	2.44	ppb
Manganese	55-2	0.96	0.93	0.62	0.84	22.65	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.95	0.89	0.92	3.11	ppb
Molybdenum	95-1	0.95	0.93	0.88	0.92	4.25	ppb
Molybdenum	96-1	0.87	0.94	0.89	0.90	3.83	ppb
Molybdenum	97-1	0.93	0.95	0.89	0.92	3.58	ppb
Molybdenum	98-1	4.60	4.50	4.54	4.54	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.23	1.46	1.20	22.99	ppb
Phosphorus	31-2	-9.53	-9.53	19.16	0.04	45643.17	ppb
Potassium	39-2	447.38	517.46	465.10	476.65	7.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-2.30	4.54	18.63	6.96	153.39	ppb
Selenium	78-2	7.95	3.55	8.01	6.50	39.31	ppb
Selenium	82-1	4.46	4.47	4.90	4.61	5.47	ppb
Silicon	28-1	17.83	17.14	14.68	16.55	10.01	ppb
Silver	109-1	0.97	1.02	0.99	0.99	2.84	ppb
Silver	107-1	1.02	1.03	0.96	1.00	3.98	ppb
Sodium	23-2	484.04	491.73	467.71	481.16	2.55	ppb
Strontium	86-1	1.01	0.89	0.93	0.94	6.61	ppb
Strontium	88-1	0.94	0.92	0.95	0.94	1.53	ppb
Sulfur	34-1	106.77	159.88	-146.34	40.10	408.05	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.96	1.00	0.93	0.97	3.59	ppb
Thallium	205-1	0.94	0.93	0.90	0.92	2.25	ppb
Tin	118-1	4.80	4.62	4.71	4.71	1.84	ppb
Titanium	47-1	4.30	4.72	4.24	4.42	5.84	ppb
Uranium	238-1	0.84	0.86	0.89	0.86	3.31	ppb
Vanadium	51-2	4.67	4.55	4.63	4.62	1.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1.93	1.78	2.06	1.92	7.21	ppb
Zirconium	90-1	0.89	0.96	0.95	0.94	3.83	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.86	1.00	0.92	7.83	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1070.74	1082.71	983.32	1045.59	5.19	ppb
Antimony	121-1	51.82	52.16	51.34	51.77	0.79	ppb
Arsenic	75-2	50.83	52.98	50.76	51.52	2.44	ppb
Barium	135-1	257.33	257.25	258.21	257.60	0.21	ppb
Barium	137-1	258.42	259.59	257.96	258.66	0.33	ppb
Beryllium	9-1	54.02	54.97	53.19	54.06	1.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	50.47	48.60	50.47	49.85	2.16	ppb
Boron	11-1	52.59	50.60	51.98	51.72	1.97	ppb
Cadmium	111-1	53.96	53.39	53.33	53.56	0.65	ppb
Cadmium	106-1	56.56	55.16	50.62	54.11	5.73	ppb
Cadmium	108-1	53.74	55.67	55.15	54.85	1.82	ppb
Calcium	43-1	5176.95	5236.63	5187.86	5200.48	0.61	ppb
Calcium	44-1	5075.24	5185.19	5079.69	5113.37	1.22	ppb
Chromium	52-2	50.24	48.72	49.83	49.60	1.59	ppb
Cobalt	59-2	49.53	48.97	49.42	49.31	0.60	ppb
Copper	63-2	97.07	97.62	97.83	97.51	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2636.64	2641.32	2638.55	2638.84	0.09	ppb
Iron	57-2	2563.24	2583.38	2554.24	2566.95	0.58	ppb
Lead	206-1	49.64	48.76	49.65	49.35	1.03	ppb
Lead	207-1	48.12	48.02	49.03	48.39	1.15	ppb
Lead	208-1	48.96	48.35	49.26	48.86	0.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	5168.32	5095.81	5157.73	5140.62	0.76	ppb
Manganese	55-2	99.62	100.50	103.67	101.26	2.10	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.80	50.67	50.59	50.35	0.96	ppb
Molybdenum	95-1	49.27	50.16	50.48	49.97	1.26	ppb
Molybdenum	96-1	49.35	50.35	49.94	49.88	1.01	ppb
Molybdenum	97-1	49.63	50.41	50.38	50.14	0.88	ppb
Molybdenum	98-1	250.21	251.61	252.49	251.44	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.22	49.97	49.43	49.87	0.82	ppb
Phosphorus	31-2	785.01	960.90	845.43	863.78	10.35	ppb
Potassium	39-2	2641.35	2568.69	2680.39	2630.14	2.16	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	95.25	68.20	60.63	74.69	24.37	ppb
Selenium	78-2	43.90	67.57	69.17	60.21	23.50	ppb
Selenium	82-1	50.91	51.91	52.51	51.78	1.56	ppb
Silicon	28-1	60.75	71.16	64.65	65.52	8.03	ppb
Silver	109-1	53.28	52.75	52.98	53.00	0.50	ppb
Silver	107-1	55.06	54.02	53.75	54.27	1.28	ppb
Sodium	23-2	5156.25	5125.35	5203.33	5161.64	0.76	ppb
Strontium	86-1	50.16	50.94	50.83	50.64	0.84	ppb
Strontium	88-1	50.25	51.02	50.76	50.68	0.78	ppb
Sulfur	34-1	1329.68	1335.74	1195.90	1287.11	6.14	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	49.98	48.85	49.52	49.45	1.15	ppb
Thallium	205-1	49.87	49.64	49.90	49.81	0.29	ppb
Tin	118-1	51.71	51.98	51.03	51.57	0.95	ppb
Titanium	47-1	251.10	256.96	251.43	253.17	1.30	ppb
Uranium	238-1	47.92	47.51	48.01	47.82	0.55	ppb
Vanadium	51-2	50.09	49.60	51.13	50.27	1.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	103.99	100.46	101.81	102.09	1.74	ppb
Zirconium	90-1	49.67	50.39	50.30	50.12	0.78	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.87	49.03	50.39	49.43	1.69	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2575.04	2518.50	2517.47	2537.01	1.30	ppb
Antimony	121-1	126.72	127.06	129.14	127.64	1.03	ppb
Arsenic	75-2	129.69	125.97	125.66	127.11	1.76	ppb
Barium	135-1	630.19	639.10	641.30	636.86	0.92	ppb
Barium	137-1	644.68	646.32	647.24	646.08	0.20	ppb
Beryllium	9-1	132.03	133.05	132.59	132.55	0.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	118.18	124.46	126.57	123.07	3.54	ppb
Boron	11-1	124.79	126.39	130.20	127.13	2.19	ppb
Cadmium	111-1	129.40	131.29	131.76	130.82	0.95	ppb
Cadmium	106-1	132.67	133.67	133.91	133.42	0.49	ppb
Cadmium	108-1	130.84	129.57	134.29	131.57	1.86	ppb
Calcium	43-1	12823.81	12561.91	12478.80	12621.51	1.43	ppb
Calcium	44-1	12913.39	12702.68	12682.50	12766.19	1.00	ppb
Chromium	52-2	126.50	122.69	124.02	124.40	1.56	ppb
Cobalt	59-2	124.84	122.81	123.28	123.64	0.86	ppb
Copper	63-2	245.10	237.49	244.54	242.38	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6804.58	6575.66	6662.74	6680.99	1.73	ppb
Iron	57-2	6405.38	6358.39	6439.43	6401.07	0.64	ppb
Lead	206-1	123.12	121.68	122.16	122.32	0.60	ppb
Lead	207-1	120.89	120.19	120.86	120.65	0.33	ppb
Lead	208-1	121.98	121.41	121.94	121.78	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	12802.56	12680.21	13007.90	12830.22	1.29	ppb
Manganese	55-2	252.60	242.86	248.36	247.94	1.97	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	125.72	129.19	126.13	127.01	1.49	ppb
Molybdenum	95-1	126.85	127.59	126.38	126.94	0.48	ppb
Molybdenum	96-1	126.51	126.61	126.47	126.53	0.06	ppb
Molybdenum	97-1	124.73	124.93	123.86	124.51	0.46	ppb
Molybdenum	98-1	637.23	634.09	619.31	630.21	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.13	121.64	124.46	124.08	1.83	ppb
Phosphorus	31-2	2548.73	2577.60	2483.14	2536.49	1.91	ppb
Potassium	39-2	6516.83	6472.01	6545.51	6511.45	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	119.88	147.39	155.36	140.88	13.21	ppb
Selenium	78-2	123.89	138.45	133.62	131.99	5.62	ppb
Selenium	82-1	129.49	129.65	127.93	129.02	0.73	ppb
Silicon	28-1	156.93	157.62	155.96	156.84	0.53	ppb
Silver	109-1	130.28	130.82	131.11	130.74	0.32	ppb
Silver	107-1	130.76	132.27	132.03	131.69	0.62	ppb
Sodium	23-2	13053.29	12816.62	12954.79	12941.57	0.92	ppb
Strontium	86-1	125.98	126.44	126.65	126.36	0.27	ppb
Strontium	88-1	127.48	128.68	126.45	127.54	0.87	ppb
Sulfur	34-1	2680.16	2410.73	2347.65	2479.52	7.12	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	123.23	123.41	121.87	122.84	0.69	ppb
Thallium	205-1	126.02	126.32	125.75	126.03	0.23	ppb
Tin	118-1	126.34	127.06	127.87	127.09	0.60	ppb
Titanium	47-1	620.97	619.69	616.24	618.97	0.40	ppb
Uranium	238-1	123.20	121.51	122.21	122.31	0.69	ppb
Vanadium	51-2	123.44	122.02	124.19	123.22	0.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	250.52	244.91	256.13	250.52	2.24	ppb
Zirconium	90-1	124.55	124.98	125.84	125.12	0.52	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.94	123.82	124.28	123.68	0.55	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:15:37	DataFile Name :	009CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5115.32	5077.50	5029.90	5074.24	0.84	ppb
Antimony	121-1	254.30	256.17	254.42	254.96	0.41	ppb
Arsenic	75-2	251.44	253.95	251.58	252.32	0.56	ppb
Barium	135-1	1272.39	1288.61	1264.35	1275.12	0.97	ppb
Barium	137-1	1270.64	1280.24	1274.87	1275.25	0.38	ppb
Beryllium	9-1	264.49	262.36	260.48	262.44	0.77	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	238.36	263.37	251.08	250.94	4.98	ppb
Boron	11-1	246.43	257.05	254.03	252.50	2.17	ppb
Cadmium	111-1	254.60	255.97	255.57	255.38	0.28	ppb
Cadmium	106-1	256.37	257.99	257.12	257.16	0.31	ppb
Cadmium	108-1	252.14	257.53	258.44	256.04	1.33	ppb
Calcium	43-1	25532.42	25459.05	25538.77	25510.08	0.17	ppb
Calcium	44-1	25316.06	25258.55	25577.48	25384.03	0.67	ppb
Chromium	52-2	249.78	247.25	248.77	248.60	0.51	ppb
Cobalt	59-2	249.20	249.11	252.96	250.42	0.88	ppb
Copper	63-2	493.28	494.59	497.96	495.28	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	13436.71	13348.08	13540.31	13441.70	0.72	ppb
Iron	57-2	12866.31	13000.00	13154.06	13006.79	1.11	ppb
Lead	206-1	242.12	246.21	246.46	244.93	0.99	ppb
Lead	207-1	239.45	240.57	241.83	240.62	0.49	ppb
Lead	208-1	245.07	249.05	247.01	247.04	0.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	25958.62	25710.39	26296.61	25988.54	1.13	ppb
Manganese	55-2	498.73	498.18	500.46	499.12	0.24	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:15:37	DataFile Name :	009CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.93	253.95	253.86	252.58	0.91	ppb
Molybdenum	95-1	249.87	248.56	249.78	249.41	0.29	ppb
Molybdenum	96-1	250.99	249.34	250.53	250.29	0.34	ppb
Molybdenum	97-1	250.09	252.67	253.26	252.01	0.67	ppb
Molybdenum	98-1	1230.87	1243.91	1231.29	1235.36	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.20	249.55	255.93	251.89	1.40	ppb
Phosphorus	31-2	4994.81	5016.69	4526.83	4846.11	5.71	ppb
Potassium	39-2	12836.57	12871.74	12921.97	12876.76	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	173.70	346.11	284.60	268.14	32.59	ppb
Selenium	78-2	255.87	282.97	243.42	260.75	7.75	ppb
Selenium	82-1	250.05	255.86	251.69	252.53	1.19	ppb
Silicon	28-1	312.64	318.12	318.58	316.45	1.04	ppb
Silver	109-1	260.76	259.80	264.75	261.77	1.00	ppb
Silver	107-1	262.15	259.75	263.18	261.69	0.67	ppb
Sodium	23-2	25942.49	25868.89	26020.12	25943.83	0.29	ppb
Strontium	86-1	248.22	246.02	249.83	248.02	0.77	ppb
Strontium	88-1	251.40	252.54	252.86	252.27	0.31	ppb
Sulfur	34-1	4928.04	4902.63	4918.34	4916.34	0.26	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	244.03	245.81	244.45	244.76	0.38	ppb
Thallium	205-1	248.34	249.69	251.49	249.84	0.63	ppb
Tin	118-1	250.52	252.02	251.59	251.38	0.31	ppb
Titanium	47-1	1230.51	1243.00	1231.72	1235.08	0.56	ppb
Uranium	238-1	241.90	240.20	242.12	241.41	0.43	ppb
Vanadium	51-2	251.08	248.34	248.45	249.29	0.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	507.44	499.52	513.31	506.76	1.37	ppb
Zirconium	90-1	252.30	252.42	253.17	252.63	0.19	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:15:37	DataFile Name :	009CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.97	244.15	248.31	245.48	1.00	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9817.38	10262.67	10386.26	10155.44	2.95	ppb
Antimony	121-1	511.63	505.28	515.59	510.84	1.02	ppb
Arsenic	75-2	501.47	493.43	506.60	500.50	1.33	ppb
Barium	135-1	2541.42	2540.54	2541.92	2541.29	0.03	ppb
Barium	137-1	2517.59	2490.29	2530.22	2512.70	0.81	ppb
Beryllium	9-1	503.65	504.64	502.49	503.59	0.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	480.27	506.50	495.16	493.98	2.66	ppb
Boron	11-1	491.09	505.40	508.75	501.75	1.87	ppb
Cadmium	111-1	511.60	507.73	511.73	510.35	0.45	ppb
Cadmium	106-1	512.23	494.81	521.50	509.51	2.66	ppb
Cadmium	108-1	516.21	510.01	515.95	514.05	0.68	ppb
Calcium	43-1	50865.88	50718.96	51345.70	50976.84	0.64	ppb
Calcium	44-1	50196.37	50443.36	50544.26	50394.66	0.36	ppb
Chromium	52-2	483.81	500.21	509.15	497.72	2.58	ppb
Cobalt	59-2	485.81	506.53	508.16	500.17	2.49	ppb
Copper	63-2	967.98	1004.70	1016.39	996.36	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	25687.19	26550.49	26917.10	26384.93	2.39	ppb
Iron	57-2	25366.20	26306.90	26485.09	26052.73	2.31	ppb
Lead	206-1	497.76	496.15	497.03	496.98	0.16	ppb
Lead	207-1	505.78	498.18	495.56	499.84	1.06	ppb
Lead	208-1	503.48	497.39	498.96	499.94	0.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	50331.31	51950.06	52274.81	51518.73	2.02	ppb
Manganese	55-2	976.24	1011.11	1017.64	1001.66	2.22	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.61	498.39	500.84	501.61	0.73	ppb
Molybdenum	95-1	497.44	499.75	499.44	498.87	0.25	ppb
Molybdenum	96-1	499.43	493.51	499.52	497.49	0.69	ppb
Molybdenum	97-1	503.28	499.63	499.30	500.74	0.44	ppb
Molybdenum	98-1	2478.19	2468.19	2486.72	2477.70	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.72	508.00	506.33	500.02	2.48	ppb
Phosphorus	31-2	9397.48	10554.85	10325.18	10092.50	6.07	ppb
Potassium	39-2	24252.04	25187.47	25713.98	25051.16	2.96	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	578.57	574.82	482.77	545.39	9.95	ppb
Selenium	78-2	536.32	535.23	499.11	523.55	4.04	ppb
Selenium	82-1	503.18	498.00	504.01	501.73	0.65	ppb
Silicon	28-1	514.41	520.77	529.64	521.60	1.47	ppb
Silver	109-1	519.33	507.87	512.83	513.34	1.12	ppb
Silver	107-1	519.33	511.41	517.72	516.15	0.81	ppb
Sodium	23-2	51408.07	52865.22	53038.46	52437.25	1.71	ppb
Strontium	86-1	494.00	491.69	493.71	493.13	0.25	ppb
Strontium	88-1	502.56	495.73	495.20	497.83	0.82	ppb
Sulfur	34-1	9766.49	9218.84	9875.00	9620.11	3.66	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	502.12	505.02	501.32	502.82	0.39	ppb
Thallium	205-1	500.03	497.18	492.97	496.73	0.71	ppb
Tin	118-1	513.51	509.09	510.42	511.00	0.44	ppb
Titanium	47-1	2491.90	2474.93	2528.26	2498.36	1.09	ppb
Uranium	238-1	491.23	492.82	494.30	492.78	0.31	ppb
Vanadium	51-2	483.27	500.85	504.96	496.36	2.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	980.94	1013.33	1027.58	1007.28	2.37	ppb
Zirconium	90-1	499.28	500.64	506.49	502.14	0.76	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.68	493.07	495.10	493.28	0.35	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CAL5_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19931.94	20720.71	20003.68	20218.78	2.16	ppb
Antimony	121-1	986.91	1014.10	977.77	992.92	1.90	ppb
Arsenic	75-2	1001.54	987.09	1007.87	998.83	1.07	ppb
Barium	135-1	4975.48	5054.79	4883.37	4971.21	1.73	ppb
Barium	137-1	4926.69	5084.47	4941.65	4984.27	1.75	ppb
Beryllium	9-1	994.04	993.27	994.53	993.94	0.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	987.07	1002.11	1020.21	1003.13	1.65	ppb
Boron	11-1	982.12	1003.45	1009.04	998.20	1.42	ppb
Cadmium	111-1	985.26	1009.60	982.86	992.57	1.49	ppb
Cadmium	106-1	972.96	997.83	1005.80	992.20	1.73	ppb
Cadmium	108-1	991.16	1000.82	979.22	990.40	1.09	ppb
Calcium	43-1	102465.13	102108.35	102366.87	102313.45	0.18	ppb
Calcium	44-1	101733.87	101459.65	101123.47	101439.00	0.30	ppb
Chromium	52-2	992.54	1024.09	988.12	1001.58	1.96	ppb
Cobalt	59-2	993.25	1020.63	986.16	1000.01	1.82	ppb
Copper	63-2	1990.45	2040.51	1981.27	2004.08	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	56-2	52712.13	54294.07	52591.35	53199.19	1.79	ppb
Iron	57-2	52068.22	53626.75	51786.18	52493.72	1.89	ppb
Lead	206-1	998.03	1011.77	999.63	1003.14	0.75	ppb
Lead	207-1	1001.71	1002.27	1005.17	1003.05	0.19	ppb
Lead	208-1	1005.11	998.96	999.62	1001.23	0.34	ppb
Lithium	6-1				98		%
Magnesium	24-2	104772.36	109453.53	104091.97	106105.95	2.75	ppb
Manganese	55-2	1989.46	2037.61	1971.68	1999.58	1.71	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CAL5_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	999.57	1009.25	986.08	998.30	1.17	ppb
Molybdenum	95-1	1009.63	1002.46	989.39	1000.49	1.03	ppb
Molybdenum	96-1	1007.66	1008.63	986.76	1001.02	1.23	ppb
Molybdenum	97-1	1005.59	999.66	992.36	999.21	0.66	ppb
Molybdenum	98-1	5029.22	5050.92	4962.13	5014.09	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.13	1022.49	984.30	999.64	2.02	ppb
Phosphorus	31-2	19996.25	21701.85	18285.32	19994.47	8.54	ppb
Potassium	39-2	49908.74	51609.66	49574.08	50364.16	2.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				80		%
Selenium	77-2	1041.74	949.44	917.44	969.54	6.66	ppb
Selenium	78-2	947.57	981.11	1023.75	984.14	3.88	ppb
Selenium	82-1	1001.10	1009.26	983.38	997.91	1.33	ppb
Silicon	28-1	970.75	964.36	968.18	967.77	0.33	ppb
Silver	109-1	980.26	1009.81	978.49	989.52	1.78	ppb
Silver	107-1	974.81	1008.38	980.66	987.95	1.82	ppb
Sodium	23-2	104299.20	106677.60	102695.01	104557.27	1.92	ppb
Strontium	86-1	1008.92	1018.05	984.21	1003.73	1.74	ppb
Strontium	88-1	996.88	1015.06	988.56	1000.17	1.36	ppb
Sulfur	34-1	20375.58	20231.27	19990.35	20199.07	0.96	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	999.21	1005.52	995.86	1000.20	0.49	ppb
Thallium	205-1	1005.02	1004.93	994.72	1001.56	0.59	ppb
Tin	118-1	993.01	1008.34	980.09	993.81	1.42	ppb
Titanium	47-1	4999.22	5026.00	4990.21	5005.14	0.37	ppb
Uranium	238-1	1009.94	1002.52	1006.15	1006.20	0.37	ppb
Vanadium	51-2	994.09	1024.43	988.11	1002.21	1.94	ppb
Yttrium	89-1				98		%
Yttrium	89-2				86		%
Zinc	66-2	1992.59	2040.21	1950.69	1994.50	2.25	ppb
Zirconium	90-1	993.40	1008.71	992.64	998.25	0.91	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CALS_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.76	1016.55	994.74	1004.68	1.10	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101093.20	98393.21	100320.42	99935.61	1.39	ppb
Antimony	121-1	0.79	0.78	0.83	0.80	2.83	ppb
Arsenic	75-2	0.39	0.28	0.36	0.34	16.14	ppb
Barium	135-1	1.26	1.18	1.26	1.23	3.95	ppb
Barium	137-1	1.19	1.30	1.11	1.20	8.09	ppb
Beryllium	9-1	0.01	0.17	0.15	0.11	77.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	7.27	8.00	9.23	8.17	12.11	ppb
Boron	11-1	8.13	8.06	6.99	7.72	8.28	ppb
Cadmium	111-1	0.16	0.12	0.26	0.18	39.20	ppb
Cadmium	106-1	0.45	0.20	1.83	0.82	106.75	ppb
Cadmium	108-1	0.14	0.09	0.10	0.11	21.79	ppb
Calcium	43-1	495270.42	495434.97	507521.93	499409.11	1.41	ppb
Calcium	44-1	495379.81	496987.71	506569.83	499645.78	1.21	ppb
Chromium	52-2	13.27	13.19	13.09	13.18	0.70	ppb
Cobalt	59-2	1.08	1.03	1.03	1.04	2.99	ppb
Copper	63-2	2.31	2.29	2.29	2.30	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	251187.37	243995.22	252304.68	249162.42	1.81	ppb
Iron	57-2	251815.80	242506.79	253776.01	249366.20	2.41	ppb
Lead	206-1	1.83	1.83	1.85	1.84	0.76	ppb
Lead	207-1	1.67	1.76	1.79	1.74	3.58	ppb
Lead	208-1	1.76	1.78	1.77	1.77	0.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	503552.06	488044.09	504107.45	498567.87	1.83	ppb
Manganese	55-2	5.45	4.97	5.22	5.22	4.63	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CAL5_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.35	0.40	0.37	6.04	ppb
Molybdenum	95-1	0.48	0.48	0.48	0.48	0.33	ppb
Molybdenum	96-1	0.54	0.53	0.51	0.53	2.79	ppb
Molybdenum	97-1	0.45	0.46	0.45	0.45	2.04	ppb
Molybdenum	98-1	2.25	2.38	2.20	2.28	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.34	7.82	7.87	8.01	3.61	ppb
Phosphorus	31-2	-9.53	-9.53	22.13	1.03	1782.86	ppb
Potassium	39-2	248739.65	247115.28	253831.34	249895.42	1.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	12.20	-2.30	-2.30	2.53	330.71	ppb
Selenium	78-2	0.46	0.46	-1.80	-0.29		ppb
Selenium	82-1	1.37	1.27	1.24	1.29	5.34	ppb
Silicon	28-1	-12.88	-14.44	-10.95	-12.76		ppb
Silver	109-1	0.05	0.04	0.03	0.04	25.40	ppb
Silver	107-1	0.04	0.05	0.05	0.05	12.44	ppb
Sodium	23-2	501363.84	488411.02	506580.12	498784.99	1.88	ppb
Strontium	86-1	32.83	32.43	31.91	32.39	1.42	ppb
Strontium	88-1	33.29	32.82	32.78	32.96	0.85	ppb
Sulfur	34-1	-477.16	-15.32	96.66	-131.94		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.39	0.39	0.39	1.37	ppb
Thallium	205-1	0.35	0.37	0.35	0.36	2.71	ppb
Tin	118-1	0.85	0.87	0.84	0.85	1.91	ppb
Titanium	47-1	0.60	0.79	0.75	0.71	13.68	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.66	ppb
Vanadium	51-2	0.20	0.15	0.17	0.17	14.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	4.93	5.85	6.19	5.66	11.54	ppb
Zirconium	90-1	0.12	0.16	0.15	0.14	12.77	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CALS_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.09	0.18	0.14	35.88	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:47:46	DataFile Name :	015ICV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.56	511.68	517.21	514.15	0.55	ppb
Antimony	121-1	199.55	198.81	197.58	198.65	0.50	ppb
Arsenic	75-2	196.51	201.53	199.39	199.14	1.27	ppb
Barium	135-1	101.98	99.54	101.95	101.16	1.38	ppb
Barium	137-1	100.70	100.88	101.36	100.98	0.34	ppb
Beryllium	9-1	100.46	101.13	100.28	100.63	0.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	500.51	520.94	530.17	517.21	2.93	ppb
Boron	11-1	515.23	516.70	533.57	521.83	1.95	ppb
Cadmium	111-1	107.14	106.49	107.88	107.17	0.65	ppb
Cadmium	106-1	162.21	172.11	171.37	168.57	3.27	ppb
Cadmium	108-1	132.06	131.79	134.47	132.77	1.11	ppb
Calcium	43-1	2244.14	2235.99	2266.04	2248.73	0.69	ppb
Calcium	44-1	2097.21	2124.14	2093.41	2104.92	0.80	ppb
Chromium	52-2	95.37	96.87	95.70	95.98	0.82	ppb
Cobalt	59-2	100.66	98.74	98.52	99.31	1.18	ppb
Copper	63-2	97.26	96.02	96.53	96.60	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1040.84	1055.88	1046.71	1047.81	0.72	ppb
Iron	57-2	1006.14	1030.94	995.17	1010.75	1.81	ppb
Lead	206-1	199.78	198.89	198.03	198.90	0.44	ppb
Lead	207-1	188.31	187.43	188.35	188.03	0.28	ppb
Lead	208-1	197.44	196.37	197.96	197.25	0.41	ppb
Lithium	6-1				111		%
Magnesium	24-2	1247.44	1250.47	1232.85	1243.59	0.76	ppb
Manganese	55-2	98.18	98.59	99.45	98.74	0.66	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:47:46	DataFile Name :	015ICV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	234.06	235.38	232.27	233.90	0.67	ppb
Molybdenum	95-1	103.62	101.82	103.00	102.81	0.89	ppb
Molybdenum	96-1	120.68	119.53	117.45	119.22	1.37	ppb
Molybdenum	97-1	100.85	99.32	100.65	100.27	0.83	ppb
Molybdenum	98-1	515.86	507.20	506.71	509.92	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.00	99.17	99.33	99.50	0.44	ppb
Phosphorus	31-2	20.47	-9.53	20.43	10.46	165.52	ppb
Potassium	39-2	2028.88	2007.42	2011.14	2015.81	0.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	224.09	209.45	221.00	218.18	3.54	ppb
Selenium	78-2	197.05	203.21	245.55	215.27	12.27	ppb
Selenium	82-1	204.63	202.60	202.00	203.07	0.68	ppb
Silicon	28-1	475.38	488.91	469.62	477.97	2.07	ppb
Silver	109-1	102.98	101.85	103.46	102.77	0.81	ppb
Silver	107-1	104.06	103.94	103.65	103.89	0.20	ppb
Sodium	23-2	2171.99	2163.15	2135.17	2156.77	0.89	ppb
Strontium	86-1	514.38	507.89	505.35	509.21	0.91	ppb
Strontium	88-1	513.85	510.02	511.90	511.92	0.37	ppb
Sulfur	34-1	-762.80	-802.39	-1054.80	-873.33		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	200.42	198.97	199.02	199.47	0.41	ppb
Thallium	205-1	206.41	206.84	206.59	206.62	0.10	ppb
Tin	118-1	526.02	527.69	528.24	527.32	0.22	ppb
Titanium	47-1	500.68	509.08	502.31	504.02	0.88	ppb
Uranium	238-1	512.59	515.06	513.45	513.70	0.24	ppb
Vanadium	51-2	96.98	97.33	95.94	96.75	0.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	197.89	195.96	201.73	198.53	1.48	ppb
Zirconium	90-1	528.60	535.75	533.28	532.54	0.68	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:47:46	DataFile Name :	015ICV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	523.75	520.54	516.53	520.27	0.70	ppb

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 17:54:53 DataFile Name : 017CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.88	-1.39	-4.08	-2.45		ppb
Antimony	121-1	0.09	0.11	0.14	0.11	22.44	ppb
Arsenic	75-2	-0.01	0.09	0.02	0.03	148.05	ppb
Barium	135-1	-0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.13	0.16	0.09	0.13	25.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	22.37	18.55	21.46	20.79	9.59	ppb
Boron	11-1	23.62	21.55	19.94	21.70	8.52	ppb
Cadmium	111-1	0.03	-0.03	0.08	0.02	235.13	ppb
Cadmium	106-1	0.22	-0.72	1.02	0.17	509.97	ppb
Cadmium	108-1	-0.07	0.05	-0.03	-0.02		ppb
Calcium	43-1	-15.52	-21.39	-16.81	-17.90		ppb
Calcium	44-1	-6.61	-9.42	-4.50	-6.84		ppb
Chromium	52-2	-0.10	0.12	-0.08	-0.02		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	-0.03	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	3.24	4.60	3.42	3.76	19.72	ppb
Iron	57-2	4.60	7.54	6.41	6.19	24.00	ppb
Lead	206-1	0.06	0.09	0.06	0.07	24.54	ppb
Lead	207-1	0.09	0.07	0.07	0.07	14.60	ppb
Lead	208-1	0.07	0.07	0.06	0.07	7.65	ppb
Lithium	6-1				107		%
Magnesium	24-2	-11.10	-15.79	-18.66	-15.18		ppb
Manganese	55-2	-0.10	-0.01	0.03	-0.03		ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:54:53	DataFile Name :	017CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	85.09	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	49.46	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	13.52	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	61.19	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	36.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.70	-0.07	-0.75	-0.50		ppb
Phosphorus	31-2	-9.53	-9.53	-9.53	-9.53		ppb
Potassium	39-2	33.98	50.02	0.86	28.29	88.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-0.66	-0.46	0.46	-0.22		ppb
Selenium	82-1	0.20	0.20	0.50	0.30	58.25	ppb
Silicon	28-1	-17.19	-18.36	-18.56	-18.04		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.01	0.00	158.56	ppb
Sodium	23-2	58.05	101.43	62.00	73.83	32.49	ppb
Strontium	86-1	-0.01	0.07	0.05	0.03	114.78	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	38.17	ppb
Sulfur	34-1	-1136.99	-1010.75	-847.41	-998.39		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.11	0.07	0.08	29.68	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	6.47	ppb
Tin	118-1	0.09	0.08	0.05	0.07	27.45	ppb
Titanium	47-1	-0.13	0.01	-0.02	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.37	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	133.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	0.07	0.33	-0.07	0.11	185.44	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	57.34	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:54:53	DataFile Name :	017CCBE_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90719.52	92520.96	92608.41	91949.63	1.16	ppb
Antimony	121-1	1.12	1.10	1.12	1.11	1.25	ppb
Arsenic	75-2	0.34	0.23	0.33	0.30	20.77	ppb
Barium	135-1	1.45	1.45	1.67	1.52	8.38	ppb
Barium	137-1	1.60	1.57	1.36	1.51	8.47	ppb
Beryllium	9-1	0.36	0.28	0.25	0.30	19.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	10.47	8.04	11.53	10.01	17.89	ppb
Boron	11-1	11.18	9.94	9.85	10.32	7.23	ppb
Cadmium	111-1	0.27	0.25	0.47	0.33	37.06	ppb
Cadmium	106-1	0.20	0.41	1.14	0.58	84.45	ppb
Cadmium	108-1	6.03	7.04	5.48	6.18	12.81	ppb
Calcium	43-1	101478.73	101137.13	101289.21	101301.69	0.17	ppb
Calcium	44-1	99086.60	98985.42	98759.10	98943.71	0.17	ppb
Chromium	52-2	19.47	18.97	19.80	19.41	2.15	ppb
Cobalt	59-2	0.99	1.05	1.16	1.07	8.23	ppb
Copper	63-2	6.87	7.65	7.57	7.36	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				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	99821.94	102358.99	101911.20	101364.04	1.34	ppb
Iron	57-2	97416.83	100156.19	99311.43	98961.48	1.42	ppb
Lead	206-1	4.81	4.81	4.63	4.75	2.16	ppb
Lead	207-1	4.05	3.94	4.14	4.04	2.45	ppb
Lead	208-1	4.30	4.29	4.38	4.32	1.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	100217.72	102637.07	101729.32	101528.04	1.20	ppb
Manganese	55-2	7.74	7.50	6.84	7.36	6.39	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	268.06	269.13	268.08	268.43	0.23	ppb
Molybdenum	95-1	377.29	381.63	379.29	379.40	0.57	ppb
Molybdenum	96-1	363.42	364.83	361.55	363.27	0.45	ppb
Molybdenum	97-1	381.21	384.82	385.25	383.76	0.58	ppb
Molybdenum	98-1	1875.89	1876.48	1894.55	1882.31	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.68	4.64	4.61	4.64	0.82	ppb
Phosphorus	31-2	91470.20	97132.05	93772.47	94124.91	3.03	ppb
Potassium	39-2	97086.67	99120.17	98956.91	98387.92	1.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	1.65	-1.80	-1.80	-0.65		ppb
Selenium	82-1	0.50	0.19	0.52	0.40	46.44	ppb
Silicon	28-1	21.04	22.02	20.79	21.28	3.05	ppb
Silver	109-1	0.08	0.08	0.10	0.09	13.12	ppb
Silver	107-1	0.08	0.09	0.09	0.09	10.47	ppb
Sodium	23-2	98429.61	100597.98	100536.60	99854.73	1.24	ppb
Strontium	86-1	33.39	33.39	32.80	33.19	1.02	ppb
Strontium	88-1	33.30	33.10	33.61	33.33	0.77	ppb
Sulfur	34-1	96291.85	97270.34	96250.71	96604.30	0.60	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.09	0.09	0.10	9.20	ppb
Thallium	205-1	0.09	0.11	0.10	0.10	8.49	ppb
Tin	118-1	0.17	0.19	0.22	0.19	13.31	ppb
Titanium	47-1	1978.38	1948.25	1947.97	1958.20	0.89	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	23.39	ppb
Vanadium	51-2	0.22	0.13	0.11	0.16	35.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	10.74	11.26	11.62	11.21	3.95	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	13.38	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.05	0.04	42.85	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95615.15	93961.31	91397.50	93657.99	2.27	ppb
Antimony	121-1	20.90	21.32	22.24	21.49	3.20	ppb
Arsenic	75-2	19.48	19.14	19.22	19.28	0.92	ppb
Barium	135-1	21.50	22.18	22.90	22.19	3.16	ppb
Barium	137-1	21.02	22.26	22.34	21.87	3.39	ppb
Beryllium	9-1	20.72	21.95	22.33	21.67	3.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	9.10	9.23	7.22	8.52	13.24	ppb
Boron	11-1	8.30	8.30	7.09	7.90	8.83	ppb
Cadmium	111-1	20.04	20.11	21.50	20.55	4.02	ppb
Cadmium	106-1	20.15	17.32	18.23	18.57	7.80	ppb
Cadmium	108-1	24.62	27.34	27.04	26.33	5.67	ppb
Calcium	43-1	101414.99	105471.84	105177.95	104021.59	2.17	ppb
Calcium	44-1	100508.34	101305.31	104660.81	102158.15	2.16	ppb
Chromium	52-2	39.16	39.95	37.83	38.98	2.76	ppb
Cobalt	59-2	21.17	20.98	20.45	20.87	1.80	ppb
Copper	63-2	26.99	26.63	25.73	26.45	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	104951.66	103405.85	100885.51	103081.00	1.99	ppb
Iron	57-2	102443.83	101291.42	98732.53	100822.59	1.88	ppb
Lead	206-1	25.52	25.30	25.80	25.54	0.98	ppb
Lead	207-1	22.97	23.18	23.42	23.19	0.97	ppb
Lead	208-1	23.89	23.97	24.40	24.09	1.14	ppb
Lithium	6-1				96		%
Magnesium	24-2	105682.22	103774.95	101656.57	103704.58	1.94	ppb
Manganese	55-2	28.81	27.86	25.82	27.50	5.57	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	275.72	279.48	285.63	280.28	1.79	ppb
Molybdenum	95-1	391.22	394.73	401.61	395.85	1.33	ppb
Molybdenum	96-1	370.72	377.65	392.02	380.13	2.86	ppb
Molybdenum	97-1	392.25	393.94	402.95	396.38	1.45	ppb
Molybdenum	98-1	1914.35	1945.77	1988.61	1949.58	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.58	23.04	22.71	23.44	4.24	ppb
Phosphorus	31-2	102499.69	96734.94	92923.75	97386.13	4.95	ppb
Potassium	39-2	102851.59	100922.59	98872.94	100882.38	1.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	19.62	12.42	19.57	17.21	24.06	ppb
Selenium	78-2	24.44	11.99	17.55	17.99	34.67	ppb
Selenium	82-1	20.85	20.57	20.58	20.67	0.77	ppb
Silicon	28-1	25.76	28.85	35.53	30.05	16.62	ppb
Silver	109-1	18.98	19.60	19.92	19.50	2.44	ppb
Silver	107-1	19.43	19.75	20.36	19.85	2.37	ppb
Sodium	23-2	103110.48	101878.34	99620.02	101536.28	1.74	ppb
Strontium	86-1	33.75	34.09	34.61	34.15	1.27	ppb
Strontium	88-1	33.86	33.90	35.10	34.29	2.05	ppb
Sulfur	34-1	97162.52	99243.63	103086.25	99830.80	3.01	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	20.07	20.72	20.95	20.58	2.22	ppb
Thallium	205-1	20.71	20.93	21.26	20.96	1.32	ppb
Tin	118-1	0.14	0.17	0.19	0.17	15.85	ppb
Titanium	47-1	2001.59	2020.60	2077.41	2033.20	1.94	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	22.23	ppb
Vanadium	51-2	20.17	20.01	18.91	19.69	3.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	29.36	31.62	32.77	31.25	5.54	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	6.97	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.06	0.05	0.04	89.02	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51465.59	51160.04	53684.34	52103.33	2.64	ppb
Antimony	121-1	521.21	516.37	518.86	518.81	0.47	ppb
Arsenic	75-2	510.66	518.07	524.84	517.85	1.37	ppb
Barium	135-1	2612.48	2591.87	2591.92	2598.76	0.46	ppb
Barium	137-1	2595.17	2567.14	2563.83	2575.38	0.67	ppb
Beryllium	9-1	542.86	538.95	538.25	540.02	0.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	542.29	524.27	535.00	533.85	1.70	ppb
Boron	11-1	526.50	530.47	540.00	532.32	1.30	ppb
Cadmium	111-1	505.42	504.81	504.23	504.82	0.12	ppb
Cadmium	106-1	510.44	513.49	513.86	512.59	0.37	ppb
Cadmium	108-1	514.92	504.39	510.23	509.85	1.04	ppb
Calcium	43-1	256800.62	258746.09	258062.52	257869.75	0.38	ppb
Calcium	44-1	257239.78	253730.38	253415.72	254795.29	0.83	ppb
Chromium	52-2	506.52	507.71	530.22	514.82	2.59	ppb
Cobalt	59-2	487.78	484.18	507.88	493.28	2.59	ppb
Copper	63-2	937.75	938.38	984.82	953.65	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	129218.45	128948.53	134085.00	130750.66	2.21	ppb
Iron	57-2	126918.17	126465.68	131661.48	128348.44	2.24	ppb
Lead	206-1	520.80	513.90	510.29	515.00	1.04	ppb
Lead	207-1	515.80	504.84	516.35	512.33	1.27	ppb
Lead	208-1	520.16	509.04	516.03	515.07	1.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	259523.24	259464.63	270937.89	263308.59	2.51	ppb
Manganese	55-2	1017.89	1005.10	1042.95	1021.98	1.88	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.71	509.85	513.95	510.83	0.54	ppb
Molybdenum	95-1	508.46	501.98	506.86	505.77	0.67	ppb
Molybdenum	96-1	502.13	502.43	509.58	504.71	0.83	ppb
Molybdenum	97-1	513.67	499.51	507.78	506.98	1.40	ppb
Molybdenum	98-1	2541.91	2529.50	2539.49	2536.97	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.63	484.99	507.54	491.72	2.80	ppb
Phosphorus	31-2	9562.75	10042.70	10398.58	10001.34	4.19	ppb
Potassium	39-2	131198.00	131696.44	135494.03	132796.16	1.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	524.44	609.43	611.22	581.70	8.53	ppb
Selenium	78-2	503.14	493.08	517.61	504.61	2.44	ppb
Selenium	82-1	502.96	502.10	505.16	503.41	0.31	ppb
Silicon	28-1	538.08	538.08	531.58	535.92	0.70	ppb
Silver	109-1	516.59	510.16	509.62	512.12	0.76	ppb
Silver	107-1	511.54	514.07	513.30	512.97	0.25	ppb
Sodium	23-2	262606.48	263710.52	273514.78	266610.59	2.25	ppb
Strontium	86-1	521.71	516.16	523.47	520.45	0.73	ppb
Strontium	88-1	522.55	519.97	528.52	523.68	0.84	ppb
Sulfur	34-1	10348.25	10339.04	10041.00	10242.76	1.71	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	517.26	515.73	512.02	515.00	0.52	ppb
Thallium	205-1	517.35	512.40	515.49	515.08	0.49	ppb
Tin	118-1	526.59	521.83	521.99	523.47	0.52	ppb
Titanium	47-1	2546.46	2581.17	2558.55	2562.06	0.69	ppb
Uranium	238-1	516.95	509.93	516.47	514.45	0.76	ppb
Vanadium	51-2	509.89	505.81	528.35	514.68	2.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	980.98	979.92	1008.36	989.75	1.63	ppb
Zirconium	90-1	515.72	508.87	524.03	516.21	1.47	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.21	498.21	500.52	499.65	0.25	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:11:34	DataFile Name :	022CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.08	-1.88	4.88	-0.36		ppb
Antimony	121-1	0.14	0.15	0.17	0.15	8.45	ppb
Arsenic	75-2	0.10	-0.03	0.05	0.04	179.49	ppb
Barium	135-1	0.01	0.02	0.04	0.02	58.59	ppb
Barium	137-1	0.00	0.01	0.01	0.01	88.88	ppb
Beryllium	9-1	0.18	0.21	0.23	0.21	11.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	17.21	13.39	12.36	14.32	17.85	ppb
Boron	11-1	13.74	12.50	12.51	12.92	5.48	ppb
Cadmium	111-1	0.04	0.01	-0.01	0.01	161.50	ppb
Cadmium	106-1	0.27	-0.22	-0.44	-0.13		ppb
Cadmium	108-1	0.01	0.14	-0.03	0.04	212.90	ppb
Calcium	43-1	-3.72	-12.45	-21.17	-12.45		ppb
Calcium	44-1	-0.33	0.81	-4.76	-1.43		ppb
Chromium	52-2	-0.07	-0.06	-0.07	-0.07		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	114.22	ppb
Copper	63-2	0.18	0.14	0.17	0.16	11.08	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				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	10.32	9.36	8.97	9.55	7.31	ppb
Iron	57-2	8.51	9.55	8.53	8.86	6.69	ppb
Lead	206-1	0.13	0.13	0.12	0.13	3.95	ppb
Lead	207-1	0.13	0.12	0.11	0.12	6.63	ppb
Lead	208-1	0.12	0.12	0.12	0.12	3.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	-10.69	-8.24	-18.29	-12.41		ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:11:34	DataFile Name :	022CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	21.64	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	12.53	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	6.73	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	21.85	ppb
Molybdenum	98-1	0.13	0.10	0.07	0.10	30.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	-0.05	0.00	0.05	259.96	ppb
Phosphorus	31-2	-9.53	21.01	114.61	42.03	153.89	ppb
Potassium	39-2	20.04	23.28	24.41	22.58	10.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	5.06	12.26	-2.30	5.00	145.47	ppb
Selenium	78-2	1.65	-0.67	-1.80	-0.27		ppb
Selenium	82-1	0.41	0.19	0.45	0.35	40.66	ppb
Silicon	28-1	-15.35	-15.67	-17.53	-16.19		ppb
Silver	109-1	0.02	0.02	0.04	0.03	27.20	ppb
Silver	107-1	0.02	0.02	0.03	0.03	27.61	ppb
Sodium	23-2	102.12	88.21	67.25	85.86	20.44	ppb
Strontium	86-1	-0.02	-0.04	0.07	0.00	3367.58	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	71.15	ppb
Sulfur	34-1	-805.38	-733.64	-953.38	-830.80		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.10	0.10	0.10	4.98	ppb
Thallium	205-1	0.12	0.09	0.08	0.10	22.42	ppb
Tin	118-1	0.04	0.08	0.07	0.06	32.42	ppb
Titanium	47-1	0.08	0.06	-0.03	0.04	167.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	144.80	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	137.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.33	-0.03	-0.21	0.03	987.00	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.84	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:11:34	DataFile Name :	022CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	-0.01	0.00	501.38	ppb

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 18:14:45 DataFile Name : 023SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.97	9.09	13.13	14.73	44.72	ppb
Antimony	121-1	1.98	1.84	1.85	1.89	4.14	ppb
Arsenic	75-2	0.88	0.88	1.20	0.99	18.37	ppb
Barium	135-1	8.90	9.07	9.01	8.99	0.95	ppb
Barium	137-1	9.17	9.10	8.76	9.01	2.42	ppb
Beryllium	9-1	1.13	1.17	0.99	1.10	8.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	27.71	30.94	32.26	30.30	7.73	ppb
Boron	11-1	29.25	28.83	28.76	28.95	0.92	ppb
Cadmium	111-1	0.99	0.94	0.95	0.96	3.13	ppb
Cadmium	106-1	1.73	1.95	0.94	1.54	34.46	ppb
Cadmium	108-1	0.74	0.93	0.69	0.78	16.07	ppb
Calcium	43-1	466.35	442.88	456.87	455.36	2.59	ppb
Calcium	44-1	449.13	453.68	438.24	447.02	1.77	ppb
Chromium	52-2	1.97	2.04	1.78	1.93	6.94	ppb
Cobalt	59-2	0.83	0.96	0.89	0.90	6.89	ppb
Copper	63-2	1.85	1.88	1.93	1.89	2.23	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				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	53.36	56.65	53.43	54.48	3.45	ppb
Iron	57-2	61.47	56.09	49.45	55.67	10.82	ppb
Lead	206-1	1.01	0.99	0.98	1.00	1.67	ppb
Lead	207-1	0.95	0.95	0.95	0.95	0.44	ppb
Lead	208-1	0.99	1.00	0.95	0.98	2.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	442.09	458.74	474.46	458.43	3.53	ppb
Manganese	55-2	1.03	0.85	1.06	0.98	11.42	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:14:45	DataFile Name :	023SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.91	0.96	0.89	0.92	3.80	ppb
Molybdenum	95-1	0.89	0.88	0.91	0.89	2.05	ppb
Molybdenum	96-1	0.91	0.89	0.92	0.91	1.86	ppb
Molybdenum	97-1	0.94	0.90	0.87	0.91	3.65	ppb
Molybdenum	98-1	4.39	4.55	4.52	4.48	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.15	1.55	1.32	15.53	ppb
Phosphorus	31-2	-9.53	51.31	-9.53	10.75	326.70	ppb
Potassium	39-2	524.20	471.39	425.28	473.62	10.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	4.71	11.76	-2.30	4.72	148.90	ppb
Selenium	78-2	2.58	4.78	2.62	3.33	37.84	ppb
Selenium	82-1	5.43	4.84	5.13	5.13	5.80	ppb
Silicon	28-1	-2.55	-6.36	-6.91	-5.27		ppb
Silver	109-1	0.99	0.92	0.95	0.95	3.60	ppb
Silver	107-1	0.98	0.98	0.88	0.94	6.35	ppb
Sodium	23-2	537.09	510.36	504.63	517.36	3.35	ppb
Strontium	86-1	0.99	0.95	0.87	0.94	6.42	ppb
Strontium	88-1	0.94	0.94	0.93	0.94	0.90	ppb
Sulfur	34-1	-727.29	-1140.02	-1178.34	-1015.22		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.90	1.01	0.87	0.93	8.35	ppb
Thallium	205-1	0.96	0.96	0.97	0.96	0.49	ppb
Tin	118-1	4.60	4.48	4.34	4.47	2.94	ppb
Titanium	47-1	4.08	4.58	4.13	4.26	6.56	ppb
Uranium	238-1	0.82	0.85	0.81	0.83	2.11	ppb
Vanadium	51-2	4.82	4.34	4.60	4.59	5.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	2.31	2.34	1.74	2.13	15.91	ppb
Zirconium	90-1	0.94	0.98	0.97	0.97	2.16	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:14:45	DataFile Name :	023SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.91	0.91	0.89	3.03	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:17:56	DataFile Name :	024CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.08	0.43	-4.08	-2.58		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.79	ppb
Arsenic	75-2	-0.03	0.02	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.04	0.11	0.12	0.09	44.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	6.40	6.33	7.66	6.80	11.08	ppb
Boron	11-1	6.31	6.53	7.10	6.65	6.16	ppb
Cadmium	111-1	0.04	0.06	-0.01	0.03	115.32	ppb
Cadmium	106-1	0.44	0.72	-0.27	0.30	173.51	ppb
Cadmium	108-1	0.05	-0.07	-0.03	-0.02		ppb
Calcium	43-1	-14.07	-9.10	-4.11	-9.09		ppb
Calcium	44-1	-3.57	-7.84	-6.11	-5.84		ppb
Chromium	52-2	0.00	-0.05	0.00	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	640.13	ppb
Copper	63-2	0.00	0.04	-0.02	0.01	369.64	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				99		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	3.93	4.46	5.02	4.47	12.15	ppb
Iron	57-2	8.76	2.32	3.73	4.94	68.54	ppb
Lead	206-1	0.07	0.07	0.09	0.08	12.35	ppb
Lead	207-1	0.07	0.08	0.10	0.08	15.48	ppb
Lead	208-1	0.08	0.07	0.08	0.08	5.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	-13.23	-11.93	-12.98	-12.71		ppb
Manganese	55-2	0.07	0.01	0.01	0.03	100.63	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:17:56	DataFile Name :	024CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00	1441.83	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	65.35	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	40.05	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	284.62	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.02	59.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.19	0.20	0.13	87.58	ppb
Phosphorus	31-2	-9.53	52.96	54.02	32.48	112.02	ppb
Potassium	39-2	23.68	22.59	23.04	23.10	2.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	0.53	0.53	-0.25		ppb
Selenium	82-1	0.05	0.35	0.09	0.16	100.47	ppb
Silicon	28-1	-18.49	-18.70	-18.70	-18.63		ppb
Silver	109-1	0.01	0.01	0.00	0.01	78.33	ppb
Silver	107-1	0.01	-0.01	0.01	0.00	216.65	ppb
Sodium	23-2	54.53	56.00	61.40	57.31	6.31	ppb
Strontium	86-1	0.03	0.00	0.03	0.02	69.92	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1458.50	ppb
Sulfur	34-1	-537.34	-510.78	-489.08	-512.40		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.04	0.05	15.89	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	18.18	ppb
Tin	118-1	0.02	0.03	0.01	0.02	46.67	ppb
Titanium	47-1	-0.10	-0.10	-0.06	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.02	0.01	255.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	0.34	0.15	0.20	0.23	43.72	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	58.49	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:17:56	DataFile Name :	024CCBE_P8011618MS.

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

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : PB105671BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 18:26:38 DataFile Name : 026LCSE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.00	56.08	35.60	45.56	22.50	ppb
Antimony	121-1	3.71	3.83	3.74	3.76	1.62	ppb
Arsenic	75-2	1.96	2.18	1.76	1.97	10.75	ppb
Barium	135-1	18.69	19.11	18.36	18.72	2.00	ppb
Barium	137-1	18.75	18.76	18.73	18.75	0.08	ppb
Beryllium	9-1	2.04	1.79	1.99	1.94	6.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	46.10	49.12	50.97	48.73	5.04	ppb
Boron	11-1	48.43	48.98	50.78	49.39	2.49	ppb
Cadmium	111-1	1.84	2.07	2.06	1.99	6.48	ppb
Cadmium	106-1	0.84	2.46	3.08	2.12	54.30	ppb
Cadmium	108-1	1.70	1.56	1.99	1.75	12.57	ppb
Calcium	43-1	916.19	921.34	948.36	928.63	1.86	ppb
Calcium	44-1	926.18	930.47	928.43	928.36	0.23	ppb
Chromium	52-2	4.23	4.15	4.14	4.17	1.19	ppb
Cobalt	59-2	1.75	1.91	1.80	1.82	4.52	ppb
Copper	63-2	3.68	3.75	3.87	3.77	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	388.47	401.21	399.86	396.51	1.77	ppb
Iron	57-2	371.60	390.74	398.87	387.07	3.62	ppb
Lead	206-1	2.00	1.84	1.92	1.92	4.07	ppb
Lead	207-1	1.81	1.75	1.90	1.82	3.97	ppb
Lead	208-1	1.90	1.82	1.90	1.87	2.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	918.89	993.43	970.76	961.03	3.98	ppb
Manganese	55-2	1.95	1.87	1.94	1.92	2.18	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:26:38	DataFile Name :	026LCSE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.88	1.89	1.88	0.39	ppb
Molybdenum	95-1	1.88	1.77	1.89	1.84	3.55	ppb
Molybdenum	96-1	1.80	1.88	1.92	1.87	3.37	ppb
Molybdenum	97-1	1.83	1.86	1.83	1.84	0.89	ppb
Molybdenum	98-1	9.11	9.55	8.96	9.21	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	2.26	2.19	2.15	6.50	ppb
Phosphorus	31-2	-9.53	-9.53	-9.53	-9.53		ppb
Potassium	39-2	975.74	1019.62	1011.48	1002.28	2.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	11.84	19.01	4.75	11.87	60.07	ppb
Selenium	78-2	3.72	8.18	10.32	7.41	45.48	ppb
Selenium	82-1	10.13	9.54	9.94	9.87	3.08	ppb
Silicon	28-1	14.25	11.09	10.93	12.09	15.50	ppb
Silver	109-1	1.96	2.02	1.99	1.99	1.51	ppb
Silver	107-1	2.00	1.91	2.09	2.00	4.42	ppb
Sodium	23-2	983.11	1048.89	1048.37	1026.79	3.68	ppb
Strontium	86-1	1.76	1.75	1.66	1.72	3.13	ppb
Strontium	88-1	1.94	1.85	1.85	1.88	2.73	ppb
Sulfur	34-1	-429.68	-465.12	-642.80	-512.53		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.87	1.84	2.00	1.90	4.37	ppb
Thallium	205-1	1.86	1.90	1.85	1.87	1.31	ppb
Tin	118-1	9.31	9.31	9.16	9.26	0.92	ppb
Titanium	47-1	9.72	9.06	9.43	9.40	3.50	ppb
Uranium	238-1	1.65	1.70	1.82	1.72	5.04	ppb
Vanadium	51-2	8.65	9.29	8.94	8.96	3.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	3.32	4.15	4.49	3.98	15.14	ppb
Zirconium	90-1	1.95	1.99	1.95	1.96	1.03	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:26:38	DataFile Name :	026LCSE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.83	1.98	1.82	1.87	4.79	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.92	39.00	34.54	34.82	11.62	ppb
Antimony	121-1	0.11	0.11	0.09	0.10	11.35	ppb
Arsenic	75-2	0.06	0.13	0.11	0.10	36.58	ppb
Barium	135-1	8.30	7.88	7.99	8.06	2.73	ppb
Barium	137-1	8.03	8.13	8.12	8.09	0.71	ppb
Beryllium	9-1	0.08	0.01	0.02	0.04	100.68	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	640.93	662.92	673.27	659.04	2.51	ppb
Boron	11-1	664.58	681.36	697.04	680.99	2.38	ppb
Cadmium	111-1	0.03	0.03	0.03	0.03	15.89	ppb
Cadmium	106-1	0.08	-0.09	-0.12	-0.04		ppb
Cadmium	108-1	0.26	0.11	0.11	0.16	51.58	ppb
Calcium	43-1	12939.28	12989.91	12917.77	12948.99	0.29	ppb
Calcium	44-1	12828.39	13020.80	13123.40	12990.86	1.15	ppb
Chromium	52-2	0.11	0.14	0.13	0.13	15.07	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	49.65	49.74	48.97	49.45	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	56-2	363.79	359.00	357.26	360.02	0.94	ppb
Iron	57-2	355.98	315.73	367.92	346.54	7.89	ppb
Lead	206-1	1.02	1.03	0.93	0.99	5.71	ppb
Lead	207-1	0.97	0.93	0.90	0.93	4.02	ppb
Lead	208-1	0.97	0.97	0.92	0.95	2.91	ppb
Lithium	6-1				115		%
Magnesium	24-2	1932.75	1953.40	1967.08	1951.08	0.89	ppb
Manganese	55-2	4.61	4.28	4.26	4.38	4.52	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	222.48	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	131.51	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	12.71	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	19.26	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	13.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.68	0.95	0.94	27.07	ppb
Phosphorus	31-2	133.09	246.26	243.94	207.76	31.13	ppb
Potassium	39-2	3545.63	3441.92	3444.90	3477.48	1.70	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				101		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	0.22	-0.78	0.25	-0.10		ppb
Selenium	82-1	0.28	0.30	0.87	0.48	69.81	ppb
Silicon	28-1	103.81	107.25	108.93	106.66	2.44	ppb
Silver	109-1	1.20	1.22	1.27	1.23	2.75	ppb
Silver	107-1	1.13	1.24	1.29	1.22	6.71	ppb
Sodium	23-2	78652.01	77455.85	76540.60	77549.49	1.37	ppb
Strontium	86-1	27.05	26.71	27.94	27.23	2.34	ppb
Strontium	88-1	26.78	27.27	27.36	27.14	1.14	ppb
Sulfur	34-1	-2223.91	-1825.61	-1689.41	-1912.98		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.12	0.12	0.09	0.11	17.38	ppb
Thallium	205-1	0.13	0.11	0.09	0.11	16.58	ppb
Tin	118-1	0.39	0.46	0.44	0.43	7.51	ppb
Titanium	47-1	0.15	-0.01	-0.03	0.03	301.40	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	14.86	ppb
Vanadium	51-2	0.12	0.08	0.07	0.09	27.44	ppb
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	356.28	357.64	358.09	357.34	0.26	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	30.02	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.01	0.02	0.00	1310.27	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.93	26.48	39.77	33.06	20.11	ppb
Antimony	121-1	0.11	0.12	0.14	0.12	9.75	ppb
Arsenic	75-2	0.09	0.11	0.11	0.10	13.97	ppb
Barium	135-1	167.53	156.12	155.42	159.69	4.26	ppb
Barium	137-1	166.90	156.70	155.07	159.56	4.02	ppb
Beryllium	9-1	-0.08	0.06	-0.04	-0.02		ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	796.11	769.66	786.05	783.94	1.70	ppb
Boron	11-1	815.11	796.29	810.03	807.15	1.21	ppb
Cadmium	111-1	0.12	-0.01	0.03	0.05	136.42	ppb
Cadmium	106-1	1.38	-0.36	0.29	0.44	201.31	ppb
Cadmium	108-1	0.12	0.23	0.12	0.16	39.88	ppb
Calcium	43-1	8048.88	7922.25	7831.83	7934.32	1.37	ppb
Calcium	44-1	8162.95	7884.52	7882.84	7976.77	2.02	ppb
Chromium	52-2	0.18	0.02	0.08	0.09	90.51	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	163.48	ppb
Copper	63-2	65.40	65.03	66.51	65.65	1.18	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				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	95.08	93.99	103.08	97.38	5.10	ppb
Iron	57-2	91.84	94.36	95.69	93.96	2.08	ppb
Lead	206-1	1.26	1.23	1.16	1.22	3.88	ppb
Lead	207-1	1.14	1.10	1.13	1.12	1.97	ppb
Lead	208-1	1.19	1.15	1.12	1.16	3.29	ppb
Lithium	6-1				110		%
Magnesium	24-2	3169.96	3164.65	3208.79	3181.13	0.76	ppb
Manganese	55-2	3.66	3.48	3.90	3.68	5.63	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	76.77	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.49	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	15.71	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	54.15	ppb
Molybdenum	98-1	0.03	0.05	0.04	0.04	28.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.56	7.33	7.77	7.55	2.90	ppb
Phosphorus	31-2	47.46	188.05	19.39	84.97	106.36	ppb
Potassium	39-2	3079.19	3098.87	3207.30	3128.45	2.21	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	-0.75	0.29	-0.76		ppb
Selenium	82-1	0.54	0.02	0.51	0.36	81.05	ppb
Silicon	28-1	68.33	62.28	57.68	62.76	8.51	ppb
Silver	109-1	0.18	0.15	0.17	0.17	9.61	ppb
Silver	107-1	0.19	0.20	0.18	0.19	5.52	ppb
Sodium	23-2	82644.78	81145.40	83687.25	82492.48	1.55	ppb
Strontium	86-1	26.50	26.93	25.31	26.24	3.20	ppb
Strontium	88-1	27.51	26.45	25.64	26.54	3.54	ppb
Sulfur	34-1	-49.49	-679.32	-731.30	-486.70		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.07	0.04	52.65	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	20.61	ppb
Tin	118-1	0.16	0.22	0.17	0.19	17.72	ppb
Titanium	47-1	0.02	-0.05	0.15	0.04	269.11	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	75.77	ppb
Vanadium	51-2	0.11	0.05	0.09	0.08	37.16	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	201.27	207.45	206.24	204.99	1.60	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	65.94	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.95	16.35	19.27	18.19	8.79	ppb
Antimony	121-1	0.12	0.18	0.15	0.15	20.28	ppb
Arsenic	75-2	0.14	0.21	0.24	0.20	26.79	ppb
Barium	135-1	31.32	31.53	31.27	31.37	0.44	ppb
Barium	137-1	30.61	31.13	30.83	30.86	0.85	ppb
Beryllium	9-1	-0.06	-0.02	-0.05	-0.05		ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Boron	10-1	647.39	672.88	685.37	668.55	2.90	ppb
Boron	11-1	686.31	698.88	708.59	697.93	1.60	ppb
Cadmium	111-1	0.19	0.14	0.13	0.15	20.63	ppb
Cadmium	106-1	0.54	1.04	0.25	0.61	65.72	ppb
Cadmium	108-1	1.08	1.39	1.25	1.24	12.33	ppb
Calcium	43-1	13836.96	13963.46	13824.38	13874.93	0.55	ppb
Calcium	44-1	13961.24	14130.58	13855.54	13982.46	0.99	ppb
Chromium	52-2	0.17	0.05	0.19	0.13	57.97	ppb
Cobalt	59-2	0.07	0.02	0.03	0.04	74.84	ppb
Copper	63-2	107.99	104.31	108.37	106.89	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	283.82	277.93	290.23	283.99	2.17	ppb
Iron	57-2	266.15	266.53	249.84	260.84	3.65	ppb
Lead	206-1	4.28	4.36	4.33	4.33	0.92	ppb
Lead	207-1	4.09	3.98	3.91	3.99	2.24	ppb
Lead	208-1	4.14	4.16	4.13	4.14	0.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	2711.67	2579.23	2741.19	2677.36	3.22	ppb
Manganese	55-2	11.68	10.02	11.35	11.02	7.98	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.05	6.40	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.08	8.14	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	7.63	ppb
Molybdenum	97-1	0.08	0.09	0.07	0.08	12.62	ppb
Molybdenum	98-1	0.37	0.36	0.44	0.39	10.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	4.05	5.12	4.72	12.49	ppb
Phosphorus	31-2	135.50	273.61	49.31	152.81	74.04	ppb
Potassium	39-2	3622.52	3566.84	3720.62	3636.66	2.14	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	4.45	4.48	-2.30	2.21	176.83	ppb
Selenium	78-2	1.37	-1.80	-1.80	-0.74		ppb
Selenium	82-1	0.04	0.55	1.11	0.57	94.63	ppb
Silicon	28-1	364.74	373.81	372.83	370.46	1.34	ppb
Silver	109-1	0.18	0.16	0.19	0.18	8.14	ppb
Silver	107-1	0.18	0.16	0.18	0.18	6.33	ppb
Sodium	23-2	82019.28	79868.20	82226.71	81371.40	1.60	ppb
Strontium	86-1	46.38	46.48	44.69	45.85	2.20	ppb
Strontium	88-1	46.57	46.52	45.35	46.14	1.49	ppb
Sulfur	34-1	-871.46	-469.85	-620.29	-653.86		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.01	0.01	50.60	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	29.13	ppb
Tin	118-1	0.24	0.22	0.18	0.22	14.66	ppb
Titanium	47-1	0.10	0.01	0.14	0.09	75.79	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	30.35	ppb
Vanadium	51-2	0.22	0.21	0.13	0.19	26.23	ppb
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	2833.82	2773.17	2840.39	2815.79	1.32	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	69.30	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.58	0.11	2.58	2.42	92.47	ppb
Antimony	121-1	0.14	0.14	0.16	0.15	5.76	ppb
Arsenic	75-2	0.17	0.17	0.27	0.20	29.87	ppb
Barium	135-1	142.18	141.00	141.63	141.60	0.42	ppb
Barium	137-1	142.82	142.46	142.56	142.61	0.13	ppb
Beryllium	9-1	-0.05	-0.04	-0.09	-0.06		ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	711.33	736.66	731.55	726.51	1.84	ppb
Boron	11-1	747.00	762.44	772.97	760.80	1.72	ppb
Cadmium	111-1	-0.04	0.02	0.07	0.01	377.91	ppb
Cadmium	106-1	-0.74	0.06	0.77	0.03	2379.10	ppb
Cadmium	108-1	0.26	0.32	0.08	0.22	56.02	ppb
Calcium	43-1	8966.58	8872.80	8792.50	8877.29	0.98	ppb
Calcium	44-1	9091.02	9129.21	8999.13	9073.12	0.74	ppb
Chromium	52-2	0.18	0.13	0.07	0.13	42.16	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	14.21	13.41	14.58	14.07	4.27	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				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	147.72	139.32	148.44	145.16	3.49	ppb
Iron	57-2	135.80	130.52	174.00	146.77	16.16	ppb
Lead	206-1	1.67	1.67	1.65	1.66	0.61	ppb
Lead	207-1	1.57	1.54	1.50	1.54	2.10	ppb
Lead	208-1	1.59	1.58	1.60	1.59	0.54	ppb
Lithium	6-1				106		%
Magnesium	24-2	2211.98	2097.79	2263.90	2191.22	3.88	ppb
Manganese	55-2	4.13	3.53	4.30	3.99	10.21	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	48.01	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	24.83	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	27.79	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	57.82	ppb
Molybdenum	98-1	0.07	0.04	0.03	0.05	42.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.49	24.37	27.46	25.77	6.07	ppb
Phosphorus	31-2	380.72	774.02	544.10	566.28	34.89	ppb
Potassium	39-2	3144.13	2869.31	3197.40	3070.28	5.73	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	0.35	1.42	-1.80	-0.01		ppb
Selenium	82-1	0.28	0.89	0.56	0.58	52.88	ppb
Silicon	28-1	9.88	1.97	0.01	3.95	132.19	ppb
Silver	109-1	0.08	0.11	0.09	0.09	13.79	ppb
Silver	107-1	0.08	0.08	0.08	0.08	4.89	ppb
Sodium	23-2	76115.51	73470.54	78345.07	75977.04	3.21	ppb
Strontium	86-1	17.54	17.03	17.02	17.20	1.71	ppb
Strontium	88-1	17.28	17.35	17.24	17.29	0.31	ppb
Sulfur	34-1	185.12	-615.10	-840.42	-423.47		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.00	0.00	163.66	ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.16	0.14	0.17	0.16	7.21	ppb
Titanium	47-1	0.18	0.11	0.28	0.19	47.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	140.00	ppb
Vanadium	51-2	0.12	0.12	0.06	0.10	33.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	288.14	278.68	290.74	285.85	2.22	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	50.67	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	527.84	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.50	2.39	8.78	5.22	62.40	ppb
Antimony	121-1	0.17	0.21	0.20	0.19	11.62	ppb
Arsenic	75-2	0.04	0.07	0.02	0.04	59.45	ppb
Barium	135-1	20.71	21.36	20.91	21.00	1.60	ppb
Barium	137-1	20.95	21.11	20.81	20.96	0.71	ppb
Beryllium	9-1	-0.05	0.01	-0.08	-0.04		ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	657.93	690.88	708.86	685.89	3.77	ppb
Boron	11-1	686.87	707.40	711.60	701.96	1.89	ppb
Cadmium	111-1	0.03	0.05	0.09	0.06	50.36	ppb
Cadmium	106-1	-0.09	0.52	0.83	0.42	112.16	ppb
Cadmium	108-1	0.68	0.83	0.77	0.76	9.72	ppb
Calcium	43-1	13756.94	13897.47	13677.07	13777.16	0.81	ppb
Calcium	44-1	13713.62	13970.17	13657.52	13780.44	1.21	ppb
Chromium	52-2	0.14	0.25	0.21	0.20	27.83	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	783.83	ppb
Copper	63-2	9.97	10.14	10.48	10.20	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	456.20	456.71	449.99	454.30	0.82	ppb
Iron	57-2	495.05	447.90	418.95	453.96	8.46	ppb
Lead	206-1	1.86	1.84	1.87	1.86	0.74	ppb
Lead	207-1	1.79	1.64	1.72	1.72	4.29	ppb
Lead	208-1	1.79	1.77	1.79	1.78	0.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	3112.37	3136.94	3088.55	3112.62	0.78	ppb
Manganese	55-2	13.70	14.13	13.70	13.84	1.80	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.02	12.75	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.04	10.54	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.92	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	20.85	ppb
Molybdenum	98-1	0.20	0.22	0.17	0.20	11.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	1.64	2.11	1.92	12.80	ppb
Phosphorus	31-2	287.57	229.51	109.29	208.79	43.55	ppb
Potassium	39-2	3768.13	3750.32	3742.53	3753.66	0.35	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	-1.80	-0.71	-1.44		ppb
Selenium	82-1	1.10	0.48	0.97	0.85	38.58	ppb
Silicon	28-1	136.53	136.39	135.61	136.18	0.36	ppb
Silver	109-1	0.06	0.06	0.05	0.06	6.72	ppb
Silver	107-1	0.08	0.08	0.06	0.07	17.84	ppb
Sodium	23-2	85160.83	84656.36	84033.98	84617.06	0.67	ppb
Strontium	86-1	57.86	59.13	59.27	58.75	1.32	ppb
Strontium	88-1	60.06	59.33	59.45	59.61	0.65	ppb
Sulfur	34-1	-342.99	-233.57	-241.14	-272.57		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.11	0.13	0.13	0.12	7.65	ppb
Titanium	47-1	-0.04	0.13	-0.06	0.01	822.37	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	8.23	ppb
Vanadium	51-2	0.08	0.09	0.15	0.11	38.42	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	1260.55	1253.88	1246.52	1253.65	0.56	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	57.28	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00	2952.46	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.55	14.95	11.18	11.56	27.85	ppb
Antimony	121-1	0.16	0.17	0.18	0.17	5.59	ppb
Arsenic	75-2	0.19	0.16	0.12	0.16	23.22	ppb
Barium	135-1	9.15	9.63	9.25	9.35	2.68	ppb
Barium	137-1	9.21	9.40	9.17	9.26	1.33	ppb
Beryllium	9-1	-0.06	0.04	-0.13	-0.05		ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	663.83	666.00	688.99	672.94	2.07	ppb
Boron	11-1	676.32	697.07	704.80	692.73	2.13	ppb
Cadmium	111-1	0.11	0.04	0.05	0.06	58.72	ppb
Cadmium	106-1	0.58	-0.96	-0.47	-0.28		ppb
Cadmium	108-1	0.27	0.16	0.12	0.18	41.99	ppb
Calcium	43-1	13086.01	12844.47	12840.02	12923.50	1.09	ppb
Calcium	44-1	13136.54	13193.02	12879.72	13069.76	1.28	ppb
Chromium	52-2	0.10	0.23	0.06	0.13	66.92	ppb
Cobalt	59-2	-0.01	-0.03	-0.01	-0.02		ppb
Copper	63-2	3.35	3.62	3.33	3.43	4.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	56-2	129.10	149.61	134.05	137.59	7.78	ppb
Iron	57-2	124.13	152.98	128.78	135.30	11.45	ppb
Lead	206-1	1.48	1.48	1.45	1.47	1.09	ppb
Lead	207-1	1.34	1.42	1.38	1.38	2.63	ppb
Lead	208-1	1.42	1.43	1.43	1.42	0.23	ppb
Lithium	6-1				109		%
Magnesium	24-2	2103.26	2387.53	2139.58	2210.13	7.00	ppb
Manganese	55-2	1.80	2.08	2.17	2.02	9.41	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	110.89	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	25.20	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	16.83	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	329.16	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	29.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	3.55	2.74	2.92	19.15	ppb
Phosphorus	31-2	748.69	616.84	685.31	683.61	9.65	ppb
Potassium	39-2	3334.91	3968.23	3558.92	3620.69	8.87	ppb
Rhodium	103-1				110		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-0.72	-0.61	-1.80	-1.05		ppb
Selenium	82-1	0.35	0.04	0.45	0.28	76.68	ppb
Silicon	28-1	27.80	27.42	28.00	27.74	1.06	ppb
Silver	109-1	0.04	0.06	0.05	0.05	20.65	ppb
Silver	107-1	0.07	0.04	0.06	0.05	27.67	ppb
Sodium	23-2	77185.60	86901.61	78669.73	80918.98	6.47	ppb
Strontium	86-1	17.63	17.30	16.82	17.25	2.38	ppb
Strontium	88-1	17.39	17.29	17.16	17.28	0.66	ppb
Sulfur	34-1	-462.37	-363.19	-525.81	-450.46		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.13	0.15	0.17	0.15	11.80	ppb
Titanium	47-1	0.19	0.25	0.11	0.18	36.97	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.96	ppb
Vanadium	51-2	0.14	0.19	0.09	0.14	33.87	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	197.66	222.78	200.72	207.05	6.62	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	81.73	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.02	0.00	476.93	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-07	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:48:53	DataFile Name :	033SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.79	8.65	4.54	5.33	56.57	ppb
Antimony	121-1	0.21	0.20	0.19	0.20	6.13	ppb
Arsenic	75-2	0.13	0.20	0.12	0.15	29.02	ppb
Barium	135-1	12.46	11.62	12.05	12.04	3.46	ppb
Barium	137-1	12.24	12.23	12.15	12.21	0.43	ppb
Beryllium	9-1	-0.06	-0.09	-0.06	-0.07		ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	670.39	672.71	694.23	679.11	1.94	ppb
Boron	11-1	681.23	702.25	711.46	698.32	2.22	ppb
Cadmium	111-1	0.05	-0.03	0.05	0.02	204.64	ppb
Cadmium	106-1	0.11	-0.97	-0.07	-0.31		ppb
Cadmium	108-1	0.31	0.31	0.12	0.24	44.30	ppb
Calcium	43-1	13230.36	13151.23	13137.44	13173.01	0.38	ppb
Calcium	44-1	13564.76	13371.61	13339.88	13425.42	0.91	ppb
Chromium	52-2	0.16	0.31	0.16	0.21	41.60	ppb
Cobalt	59-2	0.00	0.03	0.01	0.01	169.27	ppb
Copper	63-2	7.09	7.96	6.82	7.29	8.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	56-2	125.24	143.63	115.56	128.14	11.12	ppb
Iron	57-2	113.69	137.78	113.32	121.60	11.52	ppb
Lead	206-1	4.28	4.27	4.25	4.27	0.34	ppb
Lead	207-1	4.00	4.05	4.08	4.04	1.00	ppb
Lead	208-1	4.13	4.15	4.12	4.13	0.29	ppb
Lithium	6-1				109		%
Magnesium	24-2	1850.13	2097.14	1713.93	1887.07	10.29	ppb
Manganese	55-2	2.19	1.99	1.52	1.90	18.25	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-07	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:48:53	DataFile Name :	033SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	29.13	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	78.72	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	46.81	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	117.57	ppb
Molybdenum	98-1	0.02	0.04	0.01	0.02	51.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.92	16.71	12.83	14.48	13.84	ppb
Phosphorus	31-2	973.51	943.21	617.25	844.66	23.38	ppb
Potassium	39-2	3530.38	3983.25	3228.60	3580.74	10.61	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				89		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	3.13	0.36	0.57	437.52	ppb
Selenium	82-1	0.47	1.01	0.79	0.76	35.85	ppb
Silicon	28-1	23.74	21.98	31.32	25.68	19.33	ppb
Silver	109-1	0.04	0.05	0.04	0.05	17.05	ppb
Silver	107-1	0.05	0.04	0.05	0.05	13.19	ppb
Sodium	23-2	77824.26	86435.96	72866.94	79042.39	8.69	ppb
Strontium	86-1	14.68	14.63	14.53	14.61	0.52	ppb
Strontium	88-1	14.95	14.83	14.67	14.82	0.95	ppb
Sulfur	34-1	-571.70	-846.53	-352.62	-590.28		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.14	0.12	0.12	0.13	7.29	ppb
Titanium	47-1	0.40	0.20	0.30	0.30	34.29	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.72	ppb
Vanadium	51-2	0.15	0.11	0.14	0.13	14.85	ppb
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	626.34	697.90	585.04	636.43	8.97	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	28.99	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-07	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:48:53	DataFile Name :	033SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.00	0.03	100.78	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.81	14.92	17.76	12.49	54.47	ppb
Antimony	121-1	0.21	0.22	0.22	0.22	1.95	ppb
Arsenic	75-2	0.24	0.07	0.12	0.14	63.30	ppb
Barium	135-1	16.32	15.95	16.19	16.15	1.16	ppb
Barium	137-1	15.90	15.77	15.33	15.66	1.90	ppb
Beryllium	9-1	-0.10	-0.01	-0.04	-0.05		ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Boron	10-1	663.50	688.75	698.72	683.65	2.66	ppb
Boron	11-1	694.66	705.68	717.94	706.10	1.65	ppb
Cadmium	111-1	0.06	0.07	0.06	0.07	8.87	ppb
Cadmium	106-1	0.37	0.26	0.17	0.27	37.43	ppb
Cadmium	108-1	0.19	0.12	0.08	0.13	43.66	ppb
Calcium	43-1	13485.47	13213.57	12955.29	13218.11	2.01	ppb
Calcium	44-1	13436.06	13523.57	13216.55	13392.06	1.18	ppb
Chromium	52-2	0.23	0.24	0.19	0.22	12.87	ppb
Cobalt	59-2	0.02	0.00	0.02	0.02	75.34	ppb
Copper	63-2	4.72	4.77	4.82	4.77	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	226.22	217.94	226.53	223.56	2.18	ppb
Iron	57-2	219.54	214.78	229.04	221.12	3.28	ppb
Lead	206-1	1.95	1.87	1.94	1.92	2.09	ppb
Lead	207-1	1.77	1.77	1.79	1.77	0.67	ppb
Lead	208-1	1.87	1.81	1.85	1.85	1.65	ppb
Lithium	6-1				110		%
Magnesium	24-2	1759.39	1715.55	1802.71	1759.22	2.48	ppb
Manganese	55-2	3.39	2.70	2.76	2.95	12.88	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	17.37	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	16.09	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	28.26	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	13.05	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	12.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.37	23.64	24.69	24.23	2.22	ppb
Phosphorus	31-2	945.03	809.53	837.62	864.06	8.28	ppb
Potassium	39-2	3473.76	3322.10	3352.83	3382.90	2.37	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	-2.30	4.57	-2.30	-0.01		ppb
Selenium	78-2	-1.80	1.42	0.39	0.00	39891.92	ppb
Selenium	82-1	0.26	0.93	0.01	0.40	120.31	ppb
Silicon	28-1	23.14	23.41	18.66	21.74	12.27	ppb
Silver	109-1	0.03	0.04	0.02	0.03	33.30	ppb
Silver	107-1	0.04	0.04	0.06	0.05	26.16	ppb
Sodium	23-2	75916.54	73499.96	75584.25	75000.25	1.75	ppb
Strontium	86-1	15.07	15.14	14.77	14.99	1.33	ppb
Strontium	88-1	15.21	14.96	15.17	15.11	0.87	ppb
Sulfur	34-1	-749.27	-727.20	-1106.15	-860.87		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.14	0.14	0.14	0.14	2.23	ppb
Titanium	47-1	0.43	0.37	0.39	0.40	7.56	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	17.91	ppb
Vanadium	51-2	0.10	0.08	0.13	0.11	24.08	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	346.46	335.10	351.10	344.22	2.39	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	9.74	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.03	0.04	39.29	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.50	8.76	4.50	6.59	32.34	ppb
Antimony	121-1	0.17	0.23	0.22	0.21	14.01	ppb
Arsenic	75-2	0.11	0.04	0.21	0.12	70.77	ppb
Barium	135-1	17.56	17.63	17.55	17.58	0.24	ppb
Barium	137-1	17.44	17.20	17.26	17.30	0.74	ppb
Beryllium	9-1	-0.14	0.00	-0.03	-0.06		ppb
Bismuth	209-1				119		%
Bismuth	209-2				109		%
Boron	10-1	687.94	698.24	708.58	698.25	1.48	ppb
Boron	11-1	711.19	724.60	725.40	720.39	1.11	ppb
Cadmium	111-1	-0.02	-0.03	0.07	0.01	846.72	ppb
Cadmium	106-1	-0.49	-0.73	0.62	-0.20		ppb
Cadmium	108-1	0.26	0.04	0.15	0.15	73.57	ppb
Calcium	43-1	12500.89	12450.64	12610.00	12520.51	0.65	ppb
Calcium	44-1	12936.62	12731.61	12672.08	12780.10	1.09	ppb
Chromium	52-2	0.85	0.75	0.89	0.83	8.72	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	6.10	5.94	6.29	6.11	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				104		%
Iron	56-2	126.73	126.75	126.06	126.51	0.31	ppb
Iron	57-2	132.45	129.31	146.47	136.08	6.72	ppb
Lead	206-1	0.97	1.00	1.04	1.00	3.58	ppb
Lead	207-1	0.88	0.87	0.84	0.86	2.52	ppb
Lead	208-1	0.91	0.95	0.93	0.93	2.29	ppb
Lithium	6-1				112		%
Magnesium	24-2	1901.30	1905.68	1907.84	1904.94	0.17	ppb
Manganese	55-2	1.83	2.08	1.84	1.92	7.39	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	83.29	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	38.34	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	18.56	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	55.29	ppb
Molybdenum	98-1	0.05	0.06	0.03	0.05	32.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.05	2.34	2.21	6.79	ppb
Phosphorus	31-2	576.55	613.22	674.43	621.40	7.96	ppb
Potassium	39-2	3248.18	3273.87	3104.17	3208.74	2.85	ppb
Rhodium	103-1				114		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	-2.30	4.49	-2.30	-0.04		ppb
Selenium	78-2	1.39	0.32	1.40	1.04	59.98	ppb
Selenium	82-1	0.79	0.40	-0.02	0.39	103.73	ppb
Silicon	28-1	30.25	30.59	30.99	30.61	1.22	ppb
Silver	109-1	0.03	0.04	0.05	0.04	19.48	ppb
Silver	107-1	0.03	0.04	0.03	0.03	15.39	ppb
Sodium	23-2	73405.41	74275.98	73411.14	73697.51	0.68	ppb
Strontium	86-1	16.12	15.82	16.08	16.01	0.99	ppb
Strontium	88-1	16.71	16.06	16.34	16.37	1.99	ppb
Sulfur	34-1	-1036.38	-816.86	-946.68	-933.31		ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.16	0.16	0.11	0.14	21.99	ppb
Titanium	47-1	0.10	0.09	0.17	0.12	36.81	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.74	ppb
Vanadium	51-2	0.05	0.04	0.14	0.08	66.94	ppb
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	197.62	201.83	201.70	200.38	1.19	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	361.88	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	33.53	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.83	40.69	52.87	49.13	14.91	ppb
Antimony	121-1	0.23	0.28	0.26	0.26	10.75	ppb
Arsenic	75-2	0.56	0.45	0.24	0.42	39.17	ppb
Barium	135-1	62.79	62.68	62.59	62.69	0.16	ppb
Barium	137-1	62.29	62.46	61.69	62.14	0.65	ppb
Beryllium	9-1	-0.06	-0.06	-0.05	-0.06		ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	10-1	981.44	1009.98	1013.12	1001.51	1.74	ppb
Boron	11-1	1019.92	1025.91	1063.07	1036.30	2.26	ppb
Cadmium	111-1	0.02	0.03	0.04	0.03	29.07	ppb
Cadmium	106-1	0.05	0.19	0.13	0.12	59.37	ppb
Cadmium	108-1	0.00	-0.03	0.04	0.00	1400.14	ppb
Calcium	43-1	21534.92	21808.71	21491.34	21611.66	0.80	ppb
Calcium	44-1	21520.51	21881.56	21452.87	21618.32	1.07	ppb
Chromium	52-2	0.40	0.45	0.29	0.38	21.25	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	422.60	ppb
Copper	63-2	10.77	10.58	10.06	10.47	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	59.23	58.96	57.61	58.60	1.48	ppb
Iron	57-2	60.08	62.67	56.64	59.80	5.06	ppb
Lead	206-1	1.21	1.26	1.24	1.24	1.89	ppb
Lead	207-1	1.18	1.18	1.18	1.18	0.09	ppb
Lead	208-1	1.22	1.21	1.21	1.21	0.77	ppb
Lithium	6-1				110		%
Magnesium	24-2	6177.50	6184.40	6118.40	6160.10	0.59	ppb
Manganese	55-2	3.94	3.12	2.94	3.34	16.01	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	28.19	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	12.34	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	7.50	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	34.94	ppb
Molybdenum	98-1	0.16	0.18	0.17	0.17	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.57	9.21	9.26	9.35	2.09	ppb
Phosphorus	31-2	139.08	226.80	282.73	216.20	33.49	ppb
Potassium	39-2	4636.01	4639.16	4562.29	4612.49	0.94	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	-2.30	4.43	-2.30	-0.06		ppb
Selenium	78-2	-1.80	-0.75	-1.80	-1.45		ppb
Selenium	82-1	1.22	0.08	0.95	0.75	78.96	ppb
Silicon	28-1	518.77	507.21	513.22	513.06	1.13	ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.85	ppb
Silver	107-1	0.03	0.05	0.04	0.04	20.47	ppb
Sodium	23-2	122048.64	121908.65	118831.18	120929.49	1.50	ppb
Strontium	86-1	84.69	84.02	83.01	83.91	1.01	ppb
Strontium	88-1	85.58	87.05	85.06	85.90	1.20	ppb
Sulfur	34-1	3078.35	3346.57	3157.43	3194.12	4.31	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.29	0.29	0.32	0.30	6.87	ppb
Titanium	47-1	0.08	0.05	0.06	0.06	26.07	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	3.14	ppb
Vanadium	51-2	0.29	0.36	0.33	0.32	10.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	48.03	47.63	48.26	47.97	0.66	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	75.59	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.64	21.98	15.21	21.95	30.59	ppb
Antimony	121-1	0.21	0.23	0.24	0.23	7.69	ppb
Arsenic	75-2	1.49	1.15	1.33	1.32	12.58	ppb
Barium	135-1	3.87	4.09	4.10	4.02	3.17	ppb
Barium	137-1	4.17	3.93	3.97	4.02	3.22	ppb
Beryllium	9-1	-0.10	-0.01	-0.04	-0.05		ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	10-1	672.72	682.19	699.72	684.88	2.00	ppb
Boron	11-1	700.78	713.27	731.98	715.35	2.20	ppb
Cadmium	111-1	0.05	0.10	0.02	0.06	71.79	ppb
Cadmium	106-1	-0.20	0.41	-0.72	-0.17		ppb
Cadmium	108-1	0.07	0.19	0.15	0.14	42.12	ppb
Calcium	43-1	12605.42	12704.00	12880.72	12730.05	1.10	ppb
Calcium	44-1	12761.61	12733.08	13011.56	12835.42	1.19	ppb
Chromium	52-2	0.07	0.20	0.03	0.10	87.82	ppb
Cobalt	59-2	-0.03	-0.01	0.01	-0.01		ppb
Copper	63-2	131.28	130.46	127.64	129.79	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	581.84	580.01	567.31	576.39	1.37	ppb
Iron	57-2	593.88	554.39	541.69	563.32	4.83	ppb
Lead	206-1	5.60	5.54	5.61	5.59	0.69	ppb
Lead	207-1	5.29	5.13	5.20	5.21	1.56	ppb
Lead	208-1	5.42	5.31	5.37	5.37	1.05	ppb
Lithium	6-1				111		%
Magnesium	24-2	1742.87	1704.02	1679.89	1708.93	1.86	ppb
Manganese	55-2	10.89	10.49	10.68	10.69	1.87	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	113.22	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	7.36	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.00	56.60	ppb
Molybdenum	98-1	0.00	0.00	0.03	0.01	120.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	2.42	1.99	2.10	12.96	ppb
Phosphorus	31-2	474.01	592.43	346.94	471.12	26.06	ppb
Potassium	39-2	3358.31	3383.82	3266.43	3336.18	1.85	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-0.73	-1.80	0.33	-0.73		ppb
Selenium	82-1	-0.33	-0.07	0.14	-0.09		ppb
Silicon	28-1	71.67	72.96	76.71	73.78	3.54	ppb
Silver	109-1	0.05	0.07	0.08	0.07	19.36	ppb
Silver	107-1	0.06	0.05	0.05	0.06	10.01	ppb
Sodium	23-2	75174.97	75470.80	73446.01	74697.26	1.46	ppb
Strontium	86-1	13.11	12.92	12.63	12.89	1.85	ppb
Strontium	88-1	13.56	13.35	13.12	13.34	1.65	ppb
Sulfur	34-1	-1415.59	-1209.55	-951.33	-1192.15		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.52	0.49	0.47	0.49	4.24	ppb
Titanium	47-1	0.13	0.19	0.16	0.16	18.86	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	5.20	ppb
Vanadium	51-2	0.40	0.45	0.55	0.47	16.32	ppb
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	244.94	245.39	242.01	244.11	0.75	ppb
Zirconium	90-1	0.03	0.01	0.01	0.01	83.39	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.12	41.71	49.09	41.31	19.35	ppb
Antimony	121-1	1.73	1.87	1.82	1.81	4.03	ppb
Arsenic	75-2	1.05	1.65	1.31	1.34	22.60	ppb
Barium	135-1	11.85	11.76	12.23	11.95	2.04	ppb
Barium	137-1	11.60	11.79	11.67	11.69	0.82	ppb
Beryllium	9-1	-0.07	-0.06	-0.03	-0.05		ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	645.00	670.02	666.21	660.41	2.04	ppb
Boron	11-1	674.25	695.25	695.25	688.25	1.76	ppb
Cadmium	111-1	0.34	0.22	0.28	0.28	21.33	ppb
Cadmium	106-1	1.24	0.17	0.36	0.59	96.84	ppb
Cadmium	108-1	0.55	0.41	0.26	0.41	35.54	ppb
Calcium	43-1	12844.76	13012.67	12795.69	12884.37	0.88	ppb
Calcium	44-1	13052.05	13041.67	13040.94	13044.89	0.05	ppb
Chromium	52-2	0.35	0.37	0.47	0.40	16.27	ppb
Cobalt	59-2	0.06	0.10	0.06	0.08	31.80	ppb
Copper	63-2	505.33	499.78	505.10	503.40	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	807.44	793.61	812.33	804.46	1.21	ppb
Iron	57-2	795.93	811.37	865.29	824.20	4.42	ppb
Lead	206-1	6.71	6.74	6.59	6.68	1.17	ppb
Lead	207-1	6.26	6.21	6.05	6.17	1.76	ppb
Lead	208-1	6.46	6.42	6.34	6.40	0.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	3006.53	3053.10	3066.41	3042.01	1.03	ppb
Manganese	55-2	21.73	22.03	23.55	22.44	4.36	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	25.96	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	5.55	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	17.67	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	14.20	ppb
Molybdenum	98-1	0.04	0.07	0.07	0.06	29.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	3.63	3.88	3.81	3.96	ppb
Phosphorus	31-2	20.78	50.91	113.25	61.65	76.50	ppb
Potassium	39-2	3755.86	3706.33	3858.48	3773.56	2.06	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	1.38	0.37	-0.73	0.34	309.83	ppb
Selenium	82-1	0.13	0.13	0.26	0.17	43.81	ppb
Silicon	28-1	304.08	306.83	307.00	305.97	0.54	ppb
Silver	109-1	0.16	0.15	0.16	0.15	5.01	ppb
Silver	107-1	0.16	0.17	0.18	0.17	6.19	ppb
Sodium	23-2	86811.82	85628.84	86526.19	86322.28	0.72	ppb
Strontium	86-1	26.24	26.92	26.42	26.53	1.33	ppb
Strontium	88-1	26.39	26.50	26.38	26.42	0.26	ppb
Sulfur	34-1	-200.38	-163.09	-166.78	-176.75		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.00	0.00	286.81	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	88.75	ppb
Tin	118-1	0.52	0.55	0.52	0.53	3.22	ppb
Titanium	47-1	0.05	-0.03	-0.03	-0.01		ppb
Uranium	238-1	0.13	0.13	0.14	0.13	4.92	ppb
Vanadium	51-2	0.41	0.43	0.40	0.41	4.07	ppb
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	531.28	525.63	529.48	528.80	0.55	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	154.18	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.01	0.01	84.53	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.16	13.43	2.65	8.41	64.51	ppb
Antimony	121-1	0.23	0.23	0.25	0.24	4.21	ppb
Arsenic	75-2	0.34	0.58	0.77	0.57	38.55	ppb
Barium	135-1	3.71	3.68	3.95	3.78	3.80	ppb
Barium	137-1	3.97	3.76	3.69	3.81	3.81	ppb
Beryllium	9-1	-0.10	-0.03	-0.14	-0.09		ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Boron	10-1	673.09	662.62	692.27	675.99	2.22	ppb
Boron	11-1	687.07	700.39	712.14	699.87	1.79	ppb
Cadmium	111-1	0.00	0.02	0.07	0.03	116.96	ppb
Cadmium	106-1	-0.11	0.39	0.72	0.34	124.72	ppb
Cadmium	108-1	0.11	0.26	0.04	0.14	81.42	ppb
Calcium	43-1	12932.07	12791.82	12639.42	12787.77	1.14	ppb
Calcium	44-1	13057.04	12975.36	12903.99	12978.80	0.59	ppb
Chromium	52-2	0.16	0.12	0.16	0.15	14.64	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	74.13	72.06	73.69	73.29	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	621.16	623.53	624.75	623.15	0.29	ppb
Iron	57-2	612.14	583.17	605.55	600.29	2.53	ppb
Lead	206-1	0.82	0.74	0.74	0.76	5.73	ppb
Lead	207-1	0.71	0.69	0.70	0.70	1.85	ppb
Lead	208-1	0.75	0.70	0.71	0.72	3.02	ppb
Lithium	6-1				110		%
Magnesium	24-2	1756.55	1666.93	1762.16	1728.55	3.09	ppb
Manganese	55-2	9.54	9.54	9.77	9.62	1.35	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00	691.06	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	58.58	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	75.40	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	27.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.63	20.27	20.82	20.24	2.94	ppb
Phosphorus	31-2	632.69	263.42	425.78	440.63	42.00	ppb
Potassium	39-2	3374.44	3217.45	3500.03	3363.97	4.21	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	3.57	-1.80	-0.71	0.35	809.41	ppb
Selenium	82-1	0.84	0.95	0.28	0.69	51.79	ppb
Silicon	28-1	8.97	6.94	5.92	7.27	21.33	ppb
Silver	109-1	0.04	0.03	0.04	0.04	20.66	ppb
Silver	107-1	0.02	0.03	0.04	0.03	28.14	ppb
Sodium	23-2	75173.55	73828.03	75749.38	74916.99	1.32	ppb
Strontium	86-1	12.51	12.67	12.73	12.64	0.88	ppb
Strontium	88-1	12.82	12.88	12.87	12.86	0.24	ppb
Sulfur	34-1	-1081.41	-1394.06	-930.64	-1135.37		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.19	0.16	0.20	0.19	10.65	ppb
Titanium	47-1	0.86	0.03	0.19	0.36	123.76	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	3.96	ppb
Vanadium	51-2	0.23	0.25	0.19	0.22	15.27	ppb
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	239.50	233.65	243.56	238.90	2.08	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	78.27	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.36	7.28	2.66	150.19	ppb
Antimony	121-1	0.25	0.23	0.21	0.23	9.15	ppb
Arsenic	75-2	0.02	-0.03	0.04	0.01	452.86	ppb
Barium	135-1	0.77	0.78	0.76	0.77	0.96	ppb
Barium	137-1	0.77	0.80	0.83	0.80	3.93	ppb
Beryllium	9-1	-0.13	-0.09	-0.03	-0.08		ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	656.63	669.80	676.84	667.76	1.54	ppb
Boron	11-1	664.41	683.75	704.60	684.25	2.94	ppb
Cadmium	111-1	0.00	-0.11	0.01	-0.03		ppb
Cadmium	106-1	-0.30	-1.59	0.05	-0.61		ppb
Cadmium	108-1	0.11	0.04	0.12	0.09	49.02	ppb
Calcium	43-1	13911.82	13756.25	13833.88	13833.98	0.56	ppb
Calcium	44-1	13866.45	14001.95	13926.17	13931.53	0.49	ppb
Chromium	52-2	0.58	0.60	0.64	0.61	4.92	ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.02		ppb
Copper	63-2	1.26	1.31	1.37	1.32	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	56-2	589.28	588.70	599.22	592.40	1.00	ppb
Iron	57-2	583.80	621.01	615.59	606.80	3.31	ppb
Lead	206-1	0.20	0.22	0.22	0.21	5.57	ppb
Lead	207-1	0.19	0.19	0.19	0.19	1.33	ppb
Lead	208-1	0.19	0.20	0.20	0.20	1.74	ppb
Lithium	6-1				111		%
Magnesium	24-2	1531.55	1521.58	1561.55	1538.22	1.35	ppb
Manganese	55-2	6.40	5.83	5.96	6.06	4.89	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	58.26	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	90.87	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	242.79	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	24.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	0.19	0.05	257.45	ppb
Phosphorus	31-2	358.66	359.39	557.05	425.03	26.90	ppb
Potassium	39-2	3277.08	3207.31	3245.67	3243.35	1.08	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	-1.80	0.38	-1.07		ppb
Selenium	82-1	-0.38	-0.39	0.22	-0.18		ppb
Silicon	28-1	-22.42	-20.07	-22.22	-21.57		ppb
Silver	109-1	0.01	0.02	0.02	0.02	15.04	ppb
Silver	107-1	0.01	0.02	0.02	0.02	29.04	ppb
Sodium	23-2	70492.22	70432.21	72801.09	71241.84	1.90	ppb
Strontium	86-1	12.02	12.00	11.87	11.97	0.69	ppb
Strontium	88-1	12.17	12.16	11.92	12.09	1.16	ppb
Sulfur	34-1	-1527.39	-1402.45	-1570.42	-1500.09		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.11	0.08	0.12	0.10	21.29	ppb
Titanium	47-1	0.15	-0.01	0.16	0.10	93.13	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.27	ppb
Vanadium	51-2	0.08	0.04	0.05	0.06	38.28	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	142.33	141.78	142.30	142.14	0.22	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	650.99	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	-0.02	0.01	341.24	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.73	0.42	-1.87	0.43	538.99	ppb
Antimony	121-1	0.27	0.24	0.24	0.25	6.07	ppb
Arsenic	75-2	0.07	0.09	-0.01	0.05	103.46	ppb
Barium	135-1	0.85	0.86	0.79	0.84	4.64	ppb
Barium	137-1	0.84	0.82	0.77	0.81	4.67	ppb
Beryllium	9-1	-0.05	-0.05	-0.11	-0.07		ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	10-1	658.34	667.79	667.06	664.40	0.79	ppb
Boron	11-1	686.53	686.16	691.15	687.95	0.40	ppb
Cadmium	111-1	-0.01	0.06	0.05	0.04	103.85	ppb
Cadmium	106-1	-0.18	0.64	0.60	0.35	131.65	ppb
Cadmium	108-1	0.04	0.00	0.04	0.03	76.50	ppb
Calcium	43-1	14048.37	13830.97	14005.19	13961.51	0.82	ppb
Calcium	44-1	13960.96	14073.01	13780.92	13938.30	1.06	ppb
Chromium	52-2	0.74	0.71	0.59	0.68	11.59	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	1.31	1.32	1.32	1.32	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	594.30	584.13	579.73	586.05	1.28	ppb
Iron	57-2	565.40	595.25	539.46	566.70	4.93	ppb
Lead	206-1	0.19	0.18	0.18	0.19	2.26	ppb
Lead	207-1	0.18	0.16	0.18	0.17	5.18	ppb
Lead	208-1	0.18	0.17	0.18	0.18	3.80	ppb
Lithium	6-1				110		%
Magnesium	24-2	1560.65	1579.10	1484.07	1541.27	3.27	ppb
Manganese	55-2	6.78	6.22	5.71	6.24	8.55	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	180.69	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	129.64	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	64.66	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	146.89	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	22.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.20	-0.14	0.10	208.77	ppb
Phosphorus	31-2	336.30	271.06	297.05	301.47	10.89	ppb
Potassium	39-2	3293.29	3203.31	3153.62	3216.74	2.20	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	0.38	-1.80	-0.71	-0.71		ppb
Selenium	82-1	0.11	0.50	0.19	0.26	76.75	ppb
Silicon	28-1	-20.61	-19.86	-21.70	-20.72		ppb
Silver	109-1	0.02	0.02	0.03	0.02	15.11	ppb
Silver	107-1	0.03	0.02	0.03	0.03	14.98	ppb
Sodium	23-2	72442.82	71131.44	69413.62	70995.96	2.14	ppb
Strontium	86-1	11.81	12.13	11.81	11.92	1.53	ppb
Strontium	88-1	12.03	12.25	12.26	12.18	1.06	ppb
Sulfur	34-1	-1383.60	-1177.82	-1357.99	-1306.47		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.13	0.10	0.09	0.11	16.40	ppb
Titanium	47-1	-0.03	0.14	0.15	0.09	117.71	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.46	ppb
Vanadium	51-2	0.06	0.04	0.04	0.04	22.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	139.94	139.16	135.07	138.06	1.89	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	95.43	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	5.50	-1.66	1.49	244.95	ppb
Antimony	121-1	0.01	0.02	0.04	0.02	45.46	ppb
Arsenic	75-2	0.02	0.02	0.05	0.03	52.37	ppb
Barium	135-1	0.24	0.12	0.20	0.19	32.15	ppb
Barium	137-1	0.13	0.17	0.16	0.16	12.19	ppb
Beryllium	9-1	-0.10	-0.11	-0.11	-0.11		ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	184.16	180.21	175.84	180.07	2.31	ppb
Boron	11-1	187.35	187.99	186.31	187.21	0.45	ppb
Cadmium	111-1	-0.08	0.00	-0.03	-0.03		ppb
Cadmium	106-1	-1.04	-0.16	-0.62	-0.61		ppb
Cadmium	108-1	0.05	-0.07	-0.03	-0.02		ppb
Calcium	43-1	2633.52	2737.89	2670.80	2680.74	1.97	ppb
Calcium	44-1	2615.29	2671.01	2649.24	2645.18	1.06	ppb
Chromium	52-2	0.09	-0.03	0.07	0.04	137.28	ppb
Cobalt	59-2	-0.04	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.28	0.33	0.42	0.34	20.30	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				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	111.59	113.35	110.89	111.94	1.13	ppb
Iron	57-2	104.15	112.51	124.68	113.78	9.07	ppb
Lead	206-1	0.01	0.02	0.01	0.01	54.70	ppb
Lead	207-1	0.02	0.03	0.01	0.02	66.69	ppb
Lead	208-1	0.01	0.02	0.01	0.01	41.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	279.84	287.21	278.51	281.86	1.66	ppb
Manganese	55-2	0.95	1.56	1.54	1.35	25.75	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.04	-0.06	-0.12		ppb
Phosphorus	31-2	121.17	-9.53	91.14	67.59	101.28	ppb
Potassium	39-2	600.53	580.71	602.75	594.66	2.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-0.64	-1.80	-0.63	-1.02		ppb
Selenium	82-1	0.22	0.54	0.31	0.36	46.42	ppb
Silicon	28-1	-24.40	-23.25	-25.50	-24.39		ppb
Silver	109-1	0.00	0.01	0.01	0.01	104.10	ppb
Silver	107-1	0.01	0.00	0.01	0.01	64.64	ppb
Sodium	23-2	13136.08	13083.14	13340.84	13186.69	1.03	ppb
Strontium	86-1	2.23	2.27	2.24	2.24	0.97	ppb
Strontium	88-1	2.36	2.31	2.31	2.33	1.17	ppb
Sulfur	34-1	-118.50	106.46	-29.66	-13.90		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.01	0.04	0.04	0.02	110.60	ppb
Titanium	47-1	-0.14	-0.11	0.02	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	47.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	25.61	26.91	28.53	27.02	5.43	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	1420.14	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.00	0.00	347.53	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-16	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:20:39	DataFile Name :	043SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2045.54	2148.08	2085.71	2093.11	2.47	ppb
Antimony	121-1	105.36	107.53	108.29	107.06	1.42	ppb
Arsenic	75-2	41.43	42.68	44.06	42.73	3.08	ppb
Barium	135-1	2154.16	2195.57	2175.35	2175.03	0.95	ppb
Barium	137-1	2119.88	2154.97	2163.16	2146.00	1.07	ppb
Beryllium	9-1	54.45	52.31	54.16	53.64	2.16	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	624.67	633.03	655.96	637.88	2.54	ppb
Boron	11-1	637.75	658.79	664.87	653.81	2.18	ppb
Cadmium	111-1	53.70	54.23	54.56	54.16	0.80	ppb
Cadmium	106-1	44.87	45.91	50.03	46.94	5.81	ppb
Cadmium	108-1	50.26	50.31	51.50	50.69	1.38	ppb
Calcium	43-1	13862.33	13678.65	13657.56	13732.85	0.82	ppb
Calcium	44-1	13925.65	13511.64	13694.96	13710.75	1.51	ppb
Chromium	52-2	215.54	220.75	216.44	217.58	1.28	ppb
Cobalt	59-2	553.06	558.38	550.12	553.86	0.76	ppb
Copper	63-2	278.59	284.56	281.14	281.43	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	56-2	1719.10	1762.31	1714.48	1731.96	1.52	ppb
Iron	57-2	1652.09	1708.99	1647.24	1669.44	2.06	ppb
Lead	206-1	21.27	20.83	21.19	21.10	1.09	ppb
Lead	207-1	20.46	20.41	20.41	20.43	0.15	ppb
Lead	208-1	20.86	20.67	20.88	20.80	0.56	ppb
Lithium	6-1				109		%
Magnesium	24-2	1542.23	1513.72	1504.27	1520.07	1.30	ppb
Manganese	55-2	547.13	550.60	538.11	545.28	1.18	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-16	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:20:39	DataFile Name :	043SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	108.18	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	32.18	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	12.44	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.01	121.50	ppb
Molybdenum	98-1	0.03	0.06	0.03	0.04	39.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.61	559.38	560.61	557.53	0.77	ppb
Phosphorus	31-2	340.59	414.04	345.07	366.57	11.23	ppb
Potassium	39-2	3133.17	3061.41	3127.00	3107.19	1.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	48.37	128.53	86.01	87.63	45.76	ppb
Selenium	78-2	110.12	107.16	116.56	111.28	4.32	ppb
Selenium	82-1	109.31	109.45	111.25	110.00	0.98	ppb
Silicon	28-1	-22.87	-21.72	-20.68	-21.75		ppb
Silver	109-1	50.71	51.67	51.66	51.34	1.07	ppb
Silver	107-1	51.53	51.89	52.68	52.03	1.13	ppb
Sodium	23-2	69501.11	70522.92	69261.78	69761.94	0.96	ppb
Strontium	86-1	11.65	11.95	11.72	11.77	1.34	ppb
Strontium	88-1	12.14	12.00	12.16	12.10	0.73	ppb
Sulfur	34-1	-1658.20	-1782.42	-1892.70	-1777.77		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	52.63	52.43	52.91	52.66	0.45	ppb
Thallium	205-1	52.94	52.93	53.52	53.13	0.64	ppb
Tin	118-1	0.13	0.13	0.12	0.13	6.30	ppb
Titanium	47-1	0.16	0.04	-0.04	0.05	185.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.15	ppb
Vanadium	51-2	537.86	547.58	534.06	539.83	1.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	697.67	710.77	692.69	700.38	1.33	ppb
Zirconium	90-1	0.01	0.03	0.01	0.01	85.20	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-16	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:20:39	DataFile Name :	043SMPL_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	14.38	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50755.05	51414.48	52134.27	51434.60	1.34	ppb
Antimony	121-1	500.93	507.93	503.21	504.02	0.71	ppb
Arsenic	75-2	497.55	507.98	498.01	501.18	1.18	ppb
Barium	135-1	2574.56	2597.19	2560.96	2577.57	0.71	ppb
Barium	137-1	2532.56	2561.44	2511.79	2535.27	0.98	ppb
Beryllium	9-1	517.75	514.25	511.31	514.43	0.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	567.70	575.83	568.93	570.82	0.77	ppb
Boron	11-1	568.15	572.67	578.56	573.13	0.91	ppb
Cadmium	111-1	488.06	493.80	487.93	489.93	0.68	ppb
Cadmium	106-1	490.54	488.43	486.90	488.62	0.37	ppb
Cadmium	108-1	485.20	496.13	488.87	490.07	1.13	ppb
Calcium	43-1	261003.57	256716.61	257568.95	258429.71	0.88	ppb
Calcium	44-1	254173.74	254249.81	252537.86	253653.80	0.38	ppb
Chromium	52-2	505.44	510.12	521.34	512.30	1.60	ppb
Cobalt	59-2	498.10	497.71	511.26	502.36	1.53	ppb
Copper	63-2	964.37	966.24	993.62	974.75	1.68	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	130361.12	130605.92	133979.94	131648.99	1.54	ppb
Iron	57-2	126721.66	127615.19	130859.56	128398.81	1.70	ppb
Lead	206-1	522.99	523.83	512.43	519.75	1.22	ppb
Lead	207-1	522.21	521.11	515.56	519.63	0.69	ppb
Lead	208-1	518.50	520.44	512.81	517.25	0.77	ppb
Lithium	6-1				93		%
Magnesium	24-2	257258.04	262833.32	266276.40	262122.59	1.74	ppb
Manganese	55-2	1011.66	1003.12	1032.74	1015.84	1.50	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	521.53	520.46	508.54	516.84	1.40	ppb
Molybdenum	95-1	517.56	507.59	505.90	510.35	1.23	ppb
Molybdenum	96-1	509.46	507.97	506.52	507.98	0.29	ppb
Molybdenum	97-1	514.46	519.41	510.34	514.74	0.88	ppb
Molybdenum	98-1	2581.45	2520.18	2524.79	2542.14	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.31	496.30	507.27	500.29	1.21	ppb
Phosphorus	31-2	9713.49	10152.33	8951.90	9605.91	6.32	ppb
Potassium	39-2	125047.60	126198.48	127289.06	126178.38	0.89	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				80		%
Selenium	77-2	555.83	414.14	541.01	503.66	15.46	ppb
Selenium	78-2	481.28	485.92	498.52	488.57	1.83	ppb
Selenium	82-1	501.96	497.62	504.72	501.44	0.71	ppb
Silicon	28-1	502.71	504.11	511.85	506.22	0.97	ppb
Silver	109-1	499.37	511.23	500.13	503.58	1.32	ppb
Silver	107-1	495.14	509.14	500.24	501.51	1.41	ppb
Sodium	23-2	257022.76	258169.88	263568.35	259587.00	1.35	ppb
Strontium	86-1	520.41	513.81	509.33	514.51	1.08	ppb
Strontium	88-1	529.90	520.58	516.33	522.27	1.33	ppb
Sulfur	34-1	10506.63	10177.12	10185.60	10289.78	1.83	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	522.50	515.65	520.97	519.71	0.69	ppb
Thallium	205-1	512.65	513.02	514.94	513.54	0.24	ppb
Tin	118-1	507.72	516.70	512.35	512.26	0.88	ppb
Titanium	47-1	2572.04	2529.58	2563.38	2555.00	0.88	ppb
Uranium	238-1	525.16	520.28	518.51	521.32	0.66	ppb
Vanadium	51-2	502.00	503.17	520.41	508.53	2.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	992.65	1000.72	1009.21	1000.86	0.83	ppb
Zirconium	90-1	523.86	516.90	514.35	518.37	0.95	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.30	499.90	494.45	499.22	0.89	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P8
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:27:16	DataFile Name :	045CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	6.01	-4.08	1.81	289.90	ppb
Antimony	121-1	0.18	0.18	0.18	0.18	2.53	ppb
Arsenic	75-2	-0.01	0.02	0.08	0.03	132.58	ppb
Barium	135-1	-0.02	-0.01	0.03	0.00	735.06	ppb
Barium	137-1	-0.01	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.28	0.19	0.20	0.22	23.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	38.89	44.24	40.02	41.05	6.88	ppb
Boron	11-1	45.74	41.45	42.04	43.08	5.41	ppb
Cadmium	111-1	0.07	0.11	-0.01	0.06	104.00	ppb
Cadmium	106-1	0.10	0.90	-0.65	0.12	666.43	ppb
Cadmium	108-1	0.06	0.10	-0.03	0.04	154.93	ppb
Calcium	43-1	-13.96	-23.53	-26.80	-21.43		ppb
Calcium	44-1	-1.89	-2.68	-6.64	-3.74		ppb
Chromium	52-2	0.00	-0.02	0.17	0.05	200.87	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	19.33	ppb
Copper	63-2	0.15	0.21	0.19	0.18	15.60	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	2.48	2.31	2.47	2.42	3.82	ppb
Iron	57-2	1.12	3.92	4.98	3.34	59.69	ppb
Lead	206-1	0.02	0.01	0.05	0.03	63.43	ppb
Lead	207-1	0.02	0.04	0.04	0.03	30.71	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	-17.03	-17.62	-17.50	-17.38		ppb
Manganese	55-2	-0.04	0.15	-0.01	0.03	328.24	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P8
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:27:16	DataFile Name :	045CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	14.42	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	27.52	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	18.72	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	37.17	ppb
Molybdenum	98-1	0.12	0.06	0.09	0.09	34.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.78	-0.60	-0.50	-0.63		ppb
Phosphorus	31-2	25.50	-9.53	99.08	38.35	144.54	ppb
Potassium	39-2	14.04	9.85	21.13	15.01	37.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				81		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	-1.80	-0.58	-0.60	-0.99		ppb
Selenium	82-1	0.13	-0.22	0.24	0.05	464.45	ppb
Silicon	28-1	-23.21	-27.10	-28.27	-26.19		ppb
Silver	109-1	0.01	0.02	0.02	0.02	35.03	ppb
Silver	107-1	0.02	0.01	0.02	0.01	14.11	ppb
Sodium	23-2	85.62	90.26	84.46	86.78	3.54	ppb
Strontium	86-1	0.01	-0.07	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	468.35	ppb
Sulfur	34-1	-760.48	-815.95	-847.07	-807.83		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.07	0.06	0.07	14.79	ppb
Thallium	205-1	0.09	0.06	0.06	0.07	22.36	ppb
Tin	118-1	0.06	0.05	0.08	0.06	24.44	ppb
Titanium	47-1	-0.19	-0.08	-0.15	-0.14		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	0.05	0.09	0.10	0.08	35.58	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	24.92	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P8
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:27:16	DataFile Name :	045CCBE_P8011618MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	-0.01	0.02	0.02	127.13	ppb

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	67	83	33	61	41.67	cps
Arsenic	75-2	2	0	6	2	114.63	cps
Barium	135-1	17	17	42	25	57.73	cps
Barium	137-1	58	50	58	56	8.67	cps
Beryllium	9-1	139	100	106	115	18.32	cps
Bismuth	209-1	3919795	3889606	3910952	3906785	0.40	cps
Bismuth	209-2	905239	905884	899508	903544	0.39	cps
Boron	10-1	175	83	67	108	53.85	cps
Boron	11-1	492	467	433	464	6.31	cps
Cadmium	111-1	515	473	494	494	4.34	cps
Cadmium	106-1	717	683	708	703	2.47	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	825	858	800	828	3.53	cps
Calcium	44-1	13324	12982	13474	13260	1.90	cps
Chromium	52-2	330	230	267	276	18.36	cps
Cobalt	59-2	53	83	80	72	22.77	cps
Copper	63-2	133	107	160	133	20.00	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	5603580	5687019	5637390	5642663	0.74	cps
Holmium	165-2	1117805	1118874	1116969	1117883	0.09	cps
Indium	115-1	4418702	4395857	4371126	4395228	0.54	cps
Indium	115-2	192647	194462	191743	192951	0.72	cps
Iron	56-2	2017	2022	1761	1934	7.72	cps
Iron	57-2	17	78	56	50	61.86	cps
Lead	206-1	561	411	444	472	16.68	cps
Lead	207-1	456	394	367	406	11.21	cps
Lead	208-1	2106	1650	1711	1822	13.57	cps
Lithium	6-1	558029	566221	559988	561413	0.76	cps
Magnesium	24-2	633	642	800	692	13.58	cps
Manganese	55-2	23	37	10	23	57.15	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	175	158	156	13.48	cps
Molybdenum	95-1	33	92	67	64	45.81	cps
Molybdenum	96-1	108	58	67	78	34.44	cps
Molybdenum	97-1	67	67	92	75	19.24	cps
Molybdenum	98-1	117	33	117	89	54.12	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	950	1017	930	966	4.70	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2150	2259	2300	2236	3.46	cps
Rhodium	103-1	4047495	3986734	3998126	4010785	0.81	cps
Rhodium	103-2	1037855	1043560	1041044	1040820	0.27	cps
Scandium	45-1	2216884	2241477	2229587	2229316	0.55	cps
Scandium	45-2	19410	18349	18913	18891	2.81	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-17	40	-119	-32	-249.51	cps
Silicon	28-1	357279	357120	355240	356546	0.32	cps
Silver	109-1	67	50	75	64	19.92	cps
Silver	107-1	67	92	42	67	37.50	cps
Sodium	23-2	8570	8728	8986	8761	2.40	cps
Strontium	86-1	517	400	517	478	14.10	cps
Strontium	88-1	83	150	125	119	28.20	cps
Sulfur	34-1	289702	284970	286515	287062	0.84	cps
Terbium	159-1	5785843	5810070	5796279	5797397	0.21	cps
Terbium	159-2	1067675	1083129	1076703	1075835	0.72	cps
Thallium	203-1	225	267	267	253	9.52	cps
Thallium	205-1	617	700	600	639	8.39	cps
Tin	118-1	392	458	358	403	12.64	cps
Titanium	47-1	142	183	192	172	15.56	cps
Uranium	238-1	133	100	92	108	20.35	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	4521036	4528683	4504789	4518169	0.27	cps
Yttrium	89-2	143003	142854	142513	142790	0.18	cps
Zinc	66-2	37	20	40	32	33.25	cps
Zirconium	90-1	242	233	192	222	12.05	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 16:58:05	DataFile Name :	004CALB_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	75	50	67	21.65	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	100	75	33.33	cps
Antimony	121-1	12631	12690	13257	12859	2.69	cps
Arsenic	75-2	70	87	78	78	10.65	cps
Barium	135-1	13599	13132	14050	13594	3.38	cps
Barium	137-1	23413	24858	22745	23672	4.56	cps
Beryllium	9-1	700	667	806	724	10.01	cps
Bismuth	209-1	3938785	3886396	3925306	3916829	0.69	cps
Bismuth	209-2	908958	911279	907150	909129	0.23	cps
Boron	10-1	1550	1784	1600	1645	7.47	cps
Boron	11-1	8103	8361	8661	8375	3.34	cps
Cadmium	111-1	1991	1888	1853	1910	3.75	cps
Cadmium	106-1	942	792	742	825	12.62	cps
Cadmium	108-1	104	113	125	114	9.21	cps
Calcium	43-1	6552	7436	6669	6885	6.97	cps
Calcium	44-1	109676	109947	110575	110066	0.42	cps
Chromium	52-2	1417	1363	1470	1417	3.77	cps
Cobalt	59-2	1327	1237	1137	1233	7.71	cps
Copper	63-2	2164	2147	2270	2194	3.05	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	5579164	5619327	5704118	5634203	1.13	cps
Holmium	165-2	1125514	1132962	1118489	1125655	0.64	cps
Indium	115-1	4440787	4440185	4429916	4436963	0.14	cps
Indium	115-2	192520	195279	191565	193122	1.00	cps
Iron	56-2	20371	20744	20126	20413	1.52	cps
Iron	57-2	583	539	567	563	3.99	cps
Lead	206-1	4973	5057	5057	5029	0.96	cps
Lead	207-1	4351	4484	4473	4436	1.67	cps
Lead	208-1	19479	20346	20552	20125	2.83	cps
Lithium	6-1	572738	570809	569692	571080	0.27	cps
Magnesium	24-2	9837	9929	9595	9787	1.76	cps
Manganese	55-2	187	177	127	163	19.68	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10605	10997	10229	10610	3.62	cps
Molybdenum	95-1	13516	13232	12364	13037	4.60	cps
Molybdenum	96-1	13799	14926	13991	14239	4.23	cps
Molybdenum	97-1	8170	8420	7761	8117	4.10	cps
Molybdenum	98-1	20792	20458	20408	20552	1.02	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1317	1403	1503	1408	6.64	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	7311	7919	7411	7547	4.32	cps
Rhodium	103-1	4048658	4050090	4062105	4053617	0.18	cps
Rhodium	103-2	1047933	1048790	1037187	1044636	0.62	cps
Scandium	45-1	2226759	2239127	2268695	2244860	0.96	cps
Scandium	45-2	19023	18592	18769	18795	1.15	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	17	9	17	14	30.13	cps
Selenium	82-1	351	353	386	363	5.48	cps
Silicon	28-1	393381	394104	394083	393856	0.10	cps
Silver	109-1	6227	6627	6343	6399	3.22	cps
Silver	107-1	6819	6919	6377	6705	4.30	cps
Sodium	23-2	30116	29765	29006	29629	1.92	cps
Strontium	86-1	2284	2075	2134	2164	4.97	cps
Strontium	88-1	14683	14475	14750	14636	0.98	cps
Sulfur	34-1	289067	291516	290438	290340	0.42	cps
Terbium	159-1	5742470	5781710	5729813	5751331	0.47	cps
Terbium	159-2	1080402	1082000	1075369	1079257	0.32	cps
Thallium	203-1	6010	6143	5793	5982	2.95	cps
Thallium	205-1	13925	13600	13316	13613	2.24	cps
Tin	118-1	22253	21610	21818	21894	1.50	cps
Titanium	47-1	3009	3301	3025	3112	5.26	cps
Uranium	238-1	17438	17580	18531	17850	3.33	cps
Vanadium	51-2	2087	1987	2040	2038	2.46	cps
Yttrium	89-1	4574143	4599148	4548208	4573833	0.56	cps
Yttrium	89-2	142406	144077	141484	142655	0.92	cps
Zinc	66-2	230	210	240	227	6.74	cps
Zirconium	90-1	8737	9404	9245	9128	3.82	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:05:08	DataFile Name :	006CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1984	1909	2184	2025	7.02	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4217	4268	3867	4117	5.30	cps
Antimony	121-1	350961	351251	347395	349869	0.61	cps
Arsenic	75-2	3732	3843	3713	3763	1.86	cps
Barium	135-1	371575	369401	372526	371167	0.43	cps
Barium	137-1	656403	655701	654662	655589	0.13	cps
Beryllium	9-1	34581	35071	33974	34542	1.59	cps
Bismuth	209-1	3935853	3976087	3917988	3943309	0.75	cps
Bismuth	209-2	911418	903809	905990	907072	0.43	cps
Boron	10-1	3842	3692	3834	3790	2.22	cps
Boron	11-1	18763	18012	18513	18429	2.07	cps
Cadmium	111-1	75076	73874	74147	74366	0.85	cps
Cadmium	106-1	8586	8345	7753	8228	5.21	cps
Cadmium	108-1	5251	5410	5385	5348	1.59	cps
Calcium	43-1	66299	66098	66643	66347	0.42	cps
Calcium	44-1	1068131	1075426	1072360	1071972	0.34	cps
Chromium	52-2	28746	27905	28459	28370	1.51	cps
Cobalt	59-2	61813	61167	61572	61517	0.53	cps
Copper	63-2	106752	107431	107391	107191	0.36	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	8	25	83	39	101.28	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	5706560	5625828	5582750	5638379	1.11	cps
Holmium	165-2	1128883	1126941	1124335	1126720	0.20	cps
Indium	115-1	4415395	4397043	4446138	4419525	0.56	cps
Indium	115-2	193761	189693	189493	190982	1.26	cps
Iron	56-2	963798	966209	962739	964249	0.18	cps
Iron	57-2	24049	24255	23921	24075	0.70	cps
Lead	206-1	241461	239611	240379	240484	0.39	cps
Lead	207-1	217160	218941	220263	218788	0.71	cps
Lead	208-1	981984	979774	983643	981801	0.20	cps
Lithium	6-1	573559	571709	572338	572535	0.16	cps
Magnesium	24-2	95813	94547	95444	95268	0.68	cps
Manganese	55-2	16283	16440	16914	16546	1.98	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	566982	569676	565889	567516	0.34	cps
Molybdenum	95-1	698354	702044	703020	701139	0.35	cps
Molybdenum	96-1	782696	788606	778205	783169	0.67	cps
Molybdenum	97-1	434083	435420	432901	434135	0.29	cps
Molybdenum	98-1	1132334	1124398	1122573	1126435	0.46	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	19170	19090	18846	19035	0.89	cps
Phosphorus	31-2	225	275	242	247	10.30	cps
Potassium	39-2	30902	30133	31269	30768	1.88	cps
Rhodium	103-1	4063210	4052206	3974893	4030103	1.19	cps
Rhodium	103-2	1044809	1028770	1034715	1036098	0.78	cps
Scandium	45-1	2223122	2191420	2229994	2214845	0.93	cps
Scandium	45-2	18309	18322	18275	18302	0.13	cps
Selenium	77-2	47	33	30	37	24.06	cps
Selenium	78-2	78	117	120	105	22.48	cps
Selenium	82-1	4362	4392	4421	4392	0.67	cps
Silicon	28-1	482183	496713	491833	490243	1.51	cps
Silver	109-1	342395	337132	340180	339903	0.78	cps
Silver	107-1	366915	357989	357871	360925	1.44	cps
Sodium	23-2	226746	225602	228322	226890	0.60	cps
Strontium	86-1	90231	90489	89836	90186	0.36	cps
Strontium	88-1	780094	782195	774206	778832	0.53	cps
Sulfur	34-1	307875	303579	306711	306055	0.73	cps
Terbium	159-1	5783944	5751808	5779031	5771594	0.30	cps
Terbium	159-2	1088357	1077410	1081282	1082350	0.51	cps
Thallium	203-1	298196	294458	294116	295590	0.77	cps
Thallium	205-1	705224	709142	702460	705609	0.48	cps
Tin	118-1	237626	237565	234317	236502	0.80	cps
Titanium	47-1	165458	166898	166184	166180	0.43	cps
Uranium	238-1	990071	991789	987573	989811	0.21	cps
Vanadium	51-2	21490	21293	21897	21560	1.43	cps
Yttrium	89-1	4595580	4537934	4514898	4549471	0.91	cps
Yttrium	89-2	141709	140029	141207	140982	0.61	cps
Zinc	66-2	10294	9954	10060	10103	1.72	cps
Zirconium	90-1	475021	475818	472582	474474	0.36	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:08:40	DataFile Name :	007CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	104735	103769	106096	104866	1.11	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9779	9795	9579	9718	1.24	cps
Antimony	121-1	875564	871217	881311	876031	0.58	cps
Arsenic	75-2	9227	9036	8966	9077	1.49	cps
Barium	135-1	928491	934413	933245	932049	0.34	cps
Barium	137-1	1670814	1662226	1656791	1663277	0.43	cps
Beryllium	9-1	84463	85140	84564	84722	0.43	cps
Bismuth	209-1	3988123	3982613	3991977	3987571	0.12	cps
Bismuth	209-2	902281	906733	905202	904739	0.25	cps
Boron	10-1	8861	9328	9454	9214	3.39	cps
Boron	11-1	43935	44503	45682	44707	1.99	cps
Cadmium	111-1	183020	184268	184052	183780	0.36	cps
Cadmium	106-1	19590	19582	19523	19565	0.19	cps
Cadmium	108-1	13036	12811	13215	13020	1.56	cps
Calcium	43-1	162284	159437	159663	160461	0.99	cps
Calcium	44-1	2685296	2649172	2666297	2666922	0.68	cps
Chromium	52-2	69545	69086	68316	68982	0.90	cps
Cobalt	59-2	150458	151588	148851	150299	0.91	cps
Copper	63-2	260266	258273	260165	259568	0.43	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	33	33	33	0.02	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	5724007	5690280	5756491	5723593	0.58	cps
Holmium	165-2	1120208	1130437	1122477	1124374	0.48	cps
Indium	115-1	4397251	4454840	4377578	4409890	0.91	cps
Indium	115-2	188384	187654	189068	188369	0.38	cps
Iron	56-2	2400592	2375928	2355028	2377183	0.96	cps
Iron	57-2	57999	58964	58417	58460	0.83	cps
Lead	206-1	606084	598195	601951	602077	0.66	cps
Lead	207-1	552205	548277	552634	551039	0.44	cps
Lead	208-1	2476481	2461575	2478125	2472060	0.37	cps
Lithium	6-1	574383	574535	572638	573852	0.18	cps
Magnesium	24-2	228379	231667	232470	230839	0.94	cps
Manganese	55-2	39864	39252	39268	39461	0.88	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1421088	1460622	1433341	1438350	1.41	cps
Molybdenum	95-1	1785278	1796149	1788137	1789854	0.31	cps
Molybdenum	96-1	1992395	1994495	2002444	1996445	0.27	cps
Molybdenum	97-1	1083226	1085236	1081372	1083278	0.18	cps
Molybdenum	98-1	2863446	2849954	2797711	2837037	1.22	cps
Neodymium	150-1	80	60	20	53	57.28	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	45150	44628	44648	44809	0.66	cps
Phosphorus	31-2	700	725	683	703	2.98	cps
Potassium	39-2	70594	71817	71029	71147	0.87	cps
Rhodium	103-1	4030967	4055218	4021742	4035975	0.43	cps
Rhodium	103-2	1018687	1022630	1029172	1023496	0.52	cps
Scandium	45-1	2213212	2219477	2237360	2223350	0.56	cps
Scandium	45-2	17691	18119	17725	17845	1.33	cps
Selenium	77-2	57	70	73	67	13.22	cps
Selenium	78-2	207	233	224	222	5.93	cps
Selenium	82-1	11066	11082	10991	11047	0.44	cps
Silicon	28-1	679631	682977	685016	682541	0.40	cps
Silver	109-1	854228	851191	849078	851499	0.30	cps
Silver	107-1	889054	892477	886702	889411	0.33	cps
Sodium	23-2	542083	545263	539070	542139	0.57	cps
Strontium	86-1	224330	225188	226710	225409	0.53	cps
Strontium	88-1	1965116	1984025	1959608	1969583	0.65	cps
Sulfur	34-1	327700	324387	326000	326029	0.51	cps
Terbium	159-1	5901893	5856720	5829291	5862635	0.63	cps
Terbium	159-2	1076596	1087176	1082927	1082233	0.49	cps
Thallium	203-1	744663	744726	737140	742176	0.59	cps
Thallium	205-1	1804629	1806498	1802582	1804570	0.11	cps
Tin	118-1	591873	590676	591661	591403	0.11	cps
Titanium	47-1	407095	407404	408402	407634	0.17	cps
Uranium	238-1	2579206	2540405	2561033	2560215	0.76	cps
Vanadium	51-2	51166	51799	51571	51512	0.62	cps
Yttrium	89-1	4563339	4564359	4587595	4571764	0.30	cps
Yttrium	89-2	137385	138517	137769	137890	0.42	cps
Zinc	66-2	23921	23951	24502	24125	1.36	cps
Zirconium	90-1	1182358	1186667	1200905	1189976	0.82	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:12:11	DataFile Name :	008CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	261550	263471	265802	263608	0.81	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 17:15:37 DataFile Name : 009CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18546	18329	17812	18229	2.07	cps
Antimony	121-1	1790119	1784297	1770411	1781609	0.57	cps
Arsenic	75-2	17530	17515	17037	17360	1.62	cps
Barium	135-1	1909950	1913923	1876114	1899996	1.09	cps
Barium	137-1	3355028	3344748	3327586	3342454	0.41	cps
Beryllium	9-1	168154	166327	165809	166763	0.74	cps
Bismuth	209-1	4096045	4057655	4058660	4070786	0.54	cps
Bismuth	209-2	900224	897711	897064	898333	0.19	cps
Boron	10-1	17662	19447	18621	18577	4.81	cps
Boron	11-1	85823	89244	88565	87877	2.06	cps
Cadmium	111-1	366382	364465	363553	364800	0.40	cps
Cadmium	106-1	37888	37721	37562	37723	0.43	cps
Cadmium	108-1	25587	25858	25925	25790	0.69	cps
Calcium	43-1	317673	313764	314417	315285	0.66	cps
Calcium	44-1	5176417	5115802	5174854	5155691	0.67	cps
Chromium	52-2	130966	129078	127400	129148	1.38	cps
Cobalt	59-2	286896	285550	284440	285629	0.43	cps
Copper	63-2	500357	499508	493333	497733	0.77	cps
Dysprosium	156-1	50	8	42	33	66.15	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	33	33	39	24.74	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	5774389	5832581	5782463	5796478	0.54	cps
Holmium	165-2	1120746	1117377	1115608	1117910	0.23	cps
Indium	115-1	4424756	4427003	4388990	4413583	0.48	cps
Indium	115-2	183790	182797	180839	182475	0.82	cps
Iron	56-2	4527623	4478225	4456230	4487359	0.81	cps
Iron	57-2	111268	111935	111105	111436	0.39	cps
Lead	206-1	1223713	1232715	1234247	1230225	0.46	cps
Lead	207-1	1123016	1117655	1123783	1121485	0.30	cps
Lead	208-1	5108072	5142431	5101506	5117336	0.43	cps
Lithium	6-1	571205	569578	571919	570900	0.21	cps
Magnesium	24-2	441813	435692	437131	438212	0.73	cps
Manganese	55-2	75181	74772	73683	74545	1.04	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:15:37	DataFile Name :	009CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2860440	2884201	2853452	2866031	0.56	cps
Molybdenum	95-1	3560857	3515173	3495922	3523984	0.95	cps
Molybdenum	96-1	4002509	3945793	3923613	3957305	1.03	cps
Molybdenum	97-1	2199096	2204843	2187167	2197035	0.41	cps
Molybdenum	98-1	5600379	5616399	5501920	5572899	1.11	cps
Neodymium	150-1	160	73	93	109	41.67	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	84725	84139	84629	84498	0.37	cps
Phosphorus	31-2	1308	1308	1158	1258	6.88	cps
Potassium	39-2	130920	130703	128708	130110	0.94	cps
Rhodium	103-1	4011233	3985950	3968111	3988431	0.54	cps
Rhodium	103-2	1005416	1004322	991044	1000261	0.80	cps
Scandium	45-1	2181467	2160818	2158574	2166953	0.58	cps
Scandium	45-2	16904	16830	16510	16748	1.25	cps
Selenium	77-2	80	157	127	121	31.90	cps
Selenium	78-2	417	456	385	419	8.41	cps
Selenium	82-1	21669	22003	21421	21698	1.35	cps
Silicon	28-1	988362	990106	989999	989489	0.10	cps
Silver	109-1	1741858	1717176	1748225	1735753	0.94	cps
Silver	107-1	1815905	1780320	1802162	1799462	1.00	cps
Sodium	23-2	1021642	1014339	1000804	1012262	1.04	cps
Strontium	86-1	447071	439713	441899	442895	0.85	cps
Strontium	88-1	3923749	3911424	3875962	3903712	0.64	cps
Sulfur	34-1	357777	354001	353873	355217	0.62	cps
Terbium	159-1	6012998	5949637	5944018	5968884	0.64	cps
Terbium	159-2	1078735	1073286	1063735	1071919	0.71	cps
Thallium	203-1	1514301	1511034	1503016	1509450	0.38	cps
Thallium	205-1	3651879	3637385	3664564	3651276	0.37	cps
Tin	118-1	1195279	1189766	1186582	1190542	0.37	cps
Titanium	47-1	794960	795425	787387	792590	0.57	cps
Uranium	238-1	5201065	5116281	5158253	5158533	0.82	cps
Vanadium	51-2	99432	97919	96100	97817	1.71	cps
Yttrium	89-1	4620656	4585306	4537894	4581285	0.91	cps
Yttrium	89-2	134639	133194	130779	132871	1.47	cps
Zinc	66-2	46267	45347	45712	45775	1.01	cps
Zirconium	90-1	2424854	2407481	2389687	2407341	0.73	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:15:37	DataFile Name :	009CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525473	521845	525236	524185	0.39	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34000	34117	34134	34084	0.21	cps
Antimony	121-1	3549720	3533608	3548860	3544063	0.26	cps
Arsenic	75-2	32661	31909	33104	32558	1.86	cps
Barium	135-1	3759961	3788631	3730904	3759832	0.77	cps
Barium	137-1	6551836	6532434	6532532	6538934	0.17	cps
Beryllium	9-1	316744	314229	315224	315399	0.40	cps
Bismuth	209-1	4082129	4094058	4083347	4086511	0.16	cps
Bismuth	209-2	883379	879283	881136	881266	0.23	cps
Boron	10-1	35102	36648	36096	35949	2.18	cps
Boron	11-1	168773	171962	174389	171708	1.64	cps
Cadmium	111-1	725114	725363	719550	723342	0.45	cps
Cadmium	106-1	73895	71976	74623	73498	1.86	cps
Cadmium	108-1	51624	51410	51189	51408	0.42	cps
Calcium	43-1	609165	607164	603520	606616	0.47	cps
Calcium	44-1	9879551	9924111	9763763	9855808	0.84	cps
Chromium	52-2	242181	240351	241851	241461	0.40	cps
Cobalt	59-2	534396	534855	530451	533234	0.45	cps
Copper	63-2	938147	934708	934790	935882	0.21	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	5900608	5836431	5836366	5857802	0.63	cps
Holmium	165-2	1102177	1106117	1103813	1104036	0.18	cps
Indium	115-1	4409613	4417183	4330437	4385745	1.10	cps
Indium	115-2	172667	170516	172441	171875	0.69	cps
Iron	56-2	8269532	8204838	8223215	8232528	0.40	cps
Iron	57-2	209580	208640	207657	208626	0.46	cps
Lead	206-1	2506660	2505819	2503727	2505402	0.06	cps
Lead	207-1	2363527	2334819	2316456	2338267	1.01	cps
Lead	208-1	10456656	10360381	10366000	10394346	0.52	cps
Lithium	6-1	565222	559636	563808	562889	0.52	cps
Magnesium	24-2	818024	810476	806235	811579	0.74	cps
Manganese	55-2	140606	139791	139088	139828	0.54	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5631333	5570523	5541296	5581051	0.82	cps
Molybdenum	95-1	6898676	6955258	6880597	6911510	0.56	cps
Molybdenum	96-1	7750512	7685642	7700649	7712268	0.44	cps
Molybdenum	97-1	4306757	4290545	4244373	4280558	0.76	cps
Molybdenum	98-1	10972971	10967270	10937867	10959369	0.17	cps
Neodymium	150-1	160	160	187	169	9.12	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	156393	156976	154677	156016	0.77	cps
Phosphorus	31-2	2350	2534	2450	2445	3.76	cps
Potassium	39-2	234657	233870	235997	234841	0.46	cps
Rhodium	103-1	3934193	3919304	3858407	3903968	1.03	cps
Rhodium	103-2	963512	960130	962098	961913	0.18	cps
Scandium	45-1	2102424	2101579	2063500	2089168	1.06	cps
Scandium	45-2	16153	15505	15329	15662	2.77	cps
Selenium	77-2	247	243	207	232	9.56	cps
Selenium	78-2	813	806	759	793	3.67	cps
Selenium	82-1	42468	42178	42256	42301	0.35	cps
Silicon	28-1	1350276	1362268	1354743	1355762	0.45	cps
Silver	109-1	3419119	3370336	3349633	3379696	1.06	cps
Silver	107-1	3545603	3519388	3506627	3523872	0.56	cps
Sodium	23-2	1927211	1902206	1886644	1905354	1.07	cps
Strontium	86-1	865379	864384	859159	862974	0.39	cps
Strontium	88-1	7633387	7556205	7471766	7553786	1.07	cps
Sulfur	34-1	416956	408626	410824	412135	1.05	cps
Terbium	159-1	5926502	5973747	5879540	5926596	0.79	cps
Terbium	159-2	1058571	1058570	1052471	1056538	0.33	cps
Thallium	203-1	3104929	3132026	3100920	3112625	0.54	cps
Thallium	205-1	7327494	7306979	7226259	7286910	0.73	cps
Tin	118-1	2414341	2412652	2380791	2402594	0.79	cps
Titanium	47-1	1551363	1540185	1544862	1545470	0.36	cps
Uranium	238-1	10525976	10590916	10594906	10570599	0.37	cps
Vanadium	51-2	182880	181938	181336	182051	0.43	cps
Yttrium	89-1	4496678	4512559	4466916	4492051	0.52	cps
Yttrium	89-2	125786	124894	126204	125628	0.53	cps
Zinc	66-2	85441	84724	84934	85033	0.43	cps
Zirconium	90-1	4669699	4698969	4705785	4691484	0.41	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:18:59	DataFile Name :	010CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1030516	1037081	1030829	1032809	0.36	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CAL5_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64908	65594	65929	65477	0.79	cps
Antimony	121-1	6943911	6991752	6938214	6957959	0.42	cps
Arsenic	75-2	63755	63097	63865	63572	0.65	cps
Barium	135-1	7465115	7431621	7389328	7428688	0.51	cps
Barium	137-1	13002509	13149108	13153068	13101561	0.65	cps
Beryllium	9-1	606817	605416	609584	607272	0.35	cps
Bismuth	209-1	4026087	4027967	4072930	4042328	0.66	cps
Bismuth	209-2	870417	868640	873839	870965	0.30	cps
Boron	10-1	69929	70884	72567	71127	1.88	cps
Boron	11-1	327234	333818	337557	332870	1.57	cps
Cadmium	111-1	1415709	1421503	1424299	1420504	0.31	cps
Cadmium	106-1	141689	142371	147693	143918	2.28	cps
Cadmium	108-1	100517	99455	100151	100041	0.54	cps
Calcium	43-1	1186774	1180367	1179289	1182143	0.34	cps
Calcium	44-1	19364914	19275560	19145756	19262077	0.57	cps
Chromium	52-2	467043	468440	470584	468689	0.38	cps
Cobalt	59-2	1027514	1026383	1032506	1028801	0.32	cps
Copper	63-2	1814206	1807949	1827664	1816607	0.55	cps
Dysprosium	156-1	67	100	92	86	20.14	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	33	75	44	60.28	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	92	42	50	61	43.83	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	5807830	5887946	5873426	5856401	0.73	cps
Holmium	165-2	1095829	1095403	1097076	1096103	0.08	cps
Indium	115-1	4262602	4259429	4223295	4248442	0.51	cps
Indium	115-2	164721	164855	165820	165132	0.36	cps
Iron	56-2	15958385	15978717	16114247	16017116	0.53	cps
Iron	57-2	404558	405042	407229	405610	0.35	cps
Lead	206-1	4956436	5027035	5022166	5001879	0.79	cps
Lead	207-1	4616328	4621080	4686196	4641201	0.84	cps
Lead	208-1	20586498	20470272	20712247	20589672	0.59	cps
Lithium	6-1	548750	547907	550978	549212	0.29	cps
Magnesium	24-2	1600921	1625770	1609751	1612147	0.78	cps
Manganese	55-2	269469	268291	270288	269349	0.37	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CAL5_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10934933	10957850	10916728	10936504	0.19	cps
Molybdenum	95-1	13753197	13552876	13638960	13648344	0.74	cps
Molybdenum	96-1	15359669	15258994	15221437	15280033	0.47	cps
Molybdenum	97-1	8452197	8339199	8440971	8410789	0.74	cps
Molybdenum	98-1	21872711	21802000	21839601	21838104	0.16	cps
Neodymium	150-1	307	287	300	298	3.42	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	299632	300165	300865	300220	0.21	cps
Phosphorus	31-2	4701	4959	4351	4670	6.54	cps
Potassium	39-2	452267	454574	454676	453839	0.30	cps
Rhodium	103-1	3822573	3841211	3869148	3844311	0.61	cps
Rhodium	103-2	941640	939674	938516	939943	0.17	cps
Scandium	45-1	2034623	2030705	2023732	2029687	0.27	cps
Scandium	45-2	15192	14768	15375	15112	2.06	cps
Selenium	77-2	433	397	380	403	6.77	cps
Selenium	78-2	1402	1458	1508	1456	3.63	cps
Selenium	82-1	83021	83069	82528	82873	0.36	cps
Silicon	28-1	2177283	2160929	2160747	2166320	0.44	cps
Silver	109-1	6544965	6606741	6588774	6580160	0.48	cps
Silver	107-1	6749325	6841379	6847683	6812795	0.81	cps
Sodium	23-2	3670118	3648934	3657452	3658835	0.29	cps
Strontium	86-1	1735533	1738079	1713323	1728978	0.79	cps
Strontium	88-1	14872276	15029819	14924978	14942358	0.54	cps
Sulfur	34-1	556593	553443	548085	552707	0.78	cps
Terbium	159-1	6010276	5889431	6061469	5987059	1.48	cps
Terbium	159-2	1049962	1046369	1044537	1046956	0.26	cps
Thallium	203-1	6093685	6135013	6143940	6124213	0.44	cps
Thallium	205-1	14524753	14530366	14543261	14532794	0.07	cps
Tin	118-1	4734431	4710844	4712609	4719295	0.28	cps
Titanium	47-1	3011802	3022108	2990284	3008064	0.54	cps
Uranium	238-1	21343786	21196756	21511014	21350519	0.74	cps
Vanadium	51-2	353800	354424	355919	354714	0.31	cps
Yttrium	89-1	4416785	4383595	4469724	4423368	0.98	cps
Yttrium	89-2	122947	123458	122385	122930	0.44	cps
Zinc	66-2	163203	162441	161703	162449	0.46	cps
Zirconium	90-1	9125843	9196833	9228124	9183600	0.57	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:22:16	DataFile Name :	011CALS_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2064299	2076955	2072344	2071199	0.31	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367911	370332	365744	367996	0.62	cps
Antimony	121-1	5560	5518	5760	5613	2.30	cps
Arsenic	75-2	30	22	28	27	14.53	cps
Barium	135-1	1892	1775	1884	1850	3.52	cps
Barium	137-1	3151	3459	2925	3178	8.43	cps
Beryllium	9-1	128	233	217	193	29.47	cps
Bismuth	209-1	3889139	3800832	3812785	3834252	1.25	cps
Bismuth	209-2	855317	857869	848131	853772	0.59	cps
Boron	10-1	658	717	808	728	10.39	cps
Boron	11-1	3351	3342	2959	3217	6.96	cps
Cadmium	111-1	734	680	867	760	12.64	cps
Cadmium	106-1	783	750	975	836	14.52	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	6252151	6209089	6292298	6251179	0.67	cps
Calcium	44-1	102774948	102364311	103218084	102785781	0.42	cps
Chromium	52-2	7222	7429	7139	7263	2.06	cps
Cobalt	59-2	1313	1293	1253	1287	2.37	cps
Copper	63-2	2474	2534	2460	2489	1.57	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	42	75	42	53	36.46	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	5816873	5802231	5799547	5806217	0.16	cps
Holmium	165-2	1132305	1139370	1132016	1134564	0.37	cps
Indium	115-1	4311906	4325656	4319662	4319074	0.16	cps
Indium	115-2	181253	180879	180203	180778	0.29	cps
Iron	56-2	84993460	85383419	85522394	85299757	0.32	cps
Iron	57-2	2186748	2177932	2207665	2190782	0.70	cps
Lead	206-1	9270	9026	9181	9159	1.35	cps
Lead	207-1	7825	8053	8186	8021	2.28	cps
Lead	208-1	36622	36104	36104	36277	0.82	cps
Lithium	6-1	582237	585228	584519	583994	0.27	cps
Magnesium	24-2	8597871	8618086	8622565	8612841	0.15	cps
Manganese	55-2	847	800	813	820	2.93	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CAL5_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4326	4143	4643	4370	5.79	cps
Molybdenum	95-1	6719	6819	6835	6791	0.93	cps
Molybdenum	96-1	8528	8453	8161	8381	2.31	cps
Molybdenum	97-1	3892	4101	3976	3990	2.63	cps
Molybdenum	98-1	10088	10796	9954	10279	4.40	cps
Neodymium	150-1	33	33	93	53	64.96	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	3677	3621	3524	3607	2.15	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2511437	2580379	2567334	2553050	1.43	cps
Rhodium	103-1	3810600	3790518	3775871	3792330	0.46	cps
Rhodium	103-2	956850	955414	953658	955308	0.17	cps
Scandium	45-1	2218701	2202687	2179051	2200146	0.91	cps
Scandium	45-2	16980	17561	17010	17184	1.90	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	84	76	74	78	6.86	cps
Silicon	28-1	328070	322466	326148	325561	0.87	cps
Silver	109-1	375	358	250	328	20.71	cps
Silver	107-1	358	442	392	397	10.56	cps
Sodium	23-2	19689451	19836951	19929382	19818595	0.61	cps
Strontium	86-1	58082	58183	57112	57792	1.02	cps
Strontium	88-1	506809	506678	504760	506082	0.23	cps
Sulfur	34-1	278833	284035	282717	281862	0.96	cps
Terbium	159-1	5933574	5955038	5896264	5928292	0.50	cps
Terbium	159-2	1085803	1089702	1082074	1085860	0.35	cps
Thallium	203-1	2600	2492	2492	2528	2.47	cps
Thallium	205-1	5568	5610	5368	5515	2.34	cps
Tin	118-1	4409	4534	4343	4429	2.20	cps
Titanium	47-1	567	683	650	633	9.49	cps
Uranium	238-1	1100	1158	1192	1150	4.03	cps
Vanadium	51-2	83	67	70	73	12.03	cps
Yttrium	89-1	4506483	4568946	4557333	4544254	0.73	cps
Yttrium	89-2	136278	136459	135133	135957	0.53	cps
Zinc	66-2	480	583	597	553	11.54	cps
Zirconium	90-1	1367	1725	1600	1564	11.63	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:41:59	DataFile Name :	014CALS_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	250	458	372	29.22	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 17:47:46 DataFile Name : 015ICV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992	1984	2009	1995	0.64	cps
Antimony	121-1	1416783	1420440	1405314	1414179	0.56	cps
Arsenic	75-2	14202	14599	14610	14470	1.61	cps
Barium	135-1	154417	151678	154653	153583	1.08	cps
Barium	137-1	268223	270395	270468	269695	0.47	cps
Beryllium	9-1	69322	70774	68948	69681	1.38	cps
Bismuth	209-1	4171607	4212881	4199781	4194756	0.50	cps
Bismuth	209-2	936049	937893	935682	936541	0.13	cps
Boron	10-1	40074	42297	42289	41553	3.08	cps
Boron	11-1	193969	197289	200136	197131	1.57	cps
Cadmium	111-1	155792	155839	157153	156261	0.49	cps
Cadmium	106-1	24448	26060	25834	25447	3.43	cps
Cadmium	108-1	13520	13578	13791	13629	1.05	cps
Calcium	43-1	30091	29582	30351	30008	1.30	cps
Calcium	44-1	462723	462200	461514	462146	0.13	cps
Chromium	52-2	53278	54081	53529	53629	0.77	cps
Cobalt	59-2	123134	120721	120677	121511	1.16	cps
Copper	63-2	104895	103502	104240	104212	0.67	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	100	42	56	70.89	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	5958416	5982507	5934852	5958591	0.40	cps
Holmium	165-2	1158551	1152989	1152025	1154522	0.31	cps
Indium	115-1	4596503	4589026	4592810	4592780	0.08	cps
Indium	115-2	189492	187082	190611	189062	0.95	cps
Iron	56-2	374231	379398	376817	376815	0.69	cps
Iron	57-2	9287	9509	9198	9331	1.72	cps
Lead	206-1	1028402	1033952	1026279	1029544	0.38	cps
Lead	207-1	899518	904195	905793	903169	0.36	cps
Lead	208-1	4191701	4210128	4230990	4210940	0.47	cps
Lithium	6-1	619253	628057	617028	621446	0.94	cps
Magnesium	24-2	23178	23220	22944	23114	0.64	cps
Manganese	55-2	15739	15796	15963	15833	0.73	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:47:46	DataFile Name :	015ICV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2717679	2753247	2725374	2732100	0.68	cps
Molybdenum	95-1	1498190	1482980	1504841	1495337	0.75	cps
Molybdenum	96-1	1952468	1948071	1920199	1940246	0.90	cps
Molybdenum	97-1	899749	892597	907431	899926	0.82	cps
Molybdenum	98-1	2381224	2358592	2363707	2367841	0.50	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	36522	36204	36331	36352	0.44	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	23771	23529	23612	23637	0.52	cps
Rhodium	103-1	4223702	4183055	4198071	4201610	0.49	cps
Rhodium	103-2	1058530	1044841	1058545	1053972	0.75	cps
Scandium	45-1	2290377	2259622	2288413	2279471	0.76	cps
Scandium	45-2	17955	17945	17978	17959	0.10	cps
Selenium	77-2	107	100	107	104	3.69	cps
Selenium	78-2	333	344	420	366	12.94	cps
Selenium	82-1	17984	17937	17940	17954	0.15	cps
Silicon	28-1	1387178	1397206	1373633	1386006	0.85	cps
Silver	109-1	693866	690566	698335	694256	0.56	cps
Silver	107-1	727053	730833	725482	727789	0.38	cps
Sodium	23-2	98490	98069	97088	97882	0.74	cps
Strontium	86-1	939339	934373	932601	935438	0.37	cps
Strontium	88-1	8136359	8135440	8191019	8154273	0.39	cps
Sulfur	34-1	283201	278763	278219	280061	0.98	cps
Terbium	159-1	6064473	6102878	6075395	6080915	0.33	cps
Terbium	159-2	1104674	1107463	1111604	1107914	0.31	cps
Thallium	203-1	1266668	1269905	1266302	1267625	0.16	cps
Thallium	205-1	3091485	3128606	3115104	3111732	0.60	cps
Tin	118-1	2530760	2554846	2545987	2543864	0.48	cps
Titanium	47-1	339714	340769	340523	340335	0.16	cps
Uranium	238-1	11224455	11390102	11319309	11311289	0.73	cps
Vanadium	51-2	40799	40923	40412	40711	0.66	cps
Yttrium	89-1	4687666	4722406	4737167	4715746	0.54	cps
Yttrium	89-2	139565	139887	141497	140316	0.74	cps
Zinc	66-2	19184	18986	19581	19250	1.57	cps
Zirconium	90-1	5153836	5262280	5254418	5223511	1.16	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:47:46	DataFile Name :	015ICV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1144360	1145784	1140495	1143546	0.24	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 17:54:53 DataFile Name : 017CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	700	825	1050	858	20.66	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	58	33	8	33	75.02	cps
Beryllium	9-1	211	228	183	207	10.83	cps
Bismuth	209-1	4058270	4160043	4135652	4117988	1.29	cps
Bismuth	209-2	917434	769848	917391	868224	9.81	cps
Boron	10-1	1842	1558	1775	1725	8.59	cps
Boron	11-1	9070	8378	7744	8397	7.90	cps
Cadmium	111-1	542	466	616	541	13.85	cps
Cadmium	106-1	750	625	867	747	16.17	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Calcium	43-1	625	550	608	594	6.63	cps
Calcium	44-1	11772	11163	12197	11711	4.44	cps
Chromium	52-2	200	263	213	226	14.80	cps
Cobalt	59-2	57	33	47	46	25.70	cps
Copper	63-2	140	73	127	113	31.13	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	8	42	67	39	75.26	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5779009	5836014	5816070	5810364	0.50	cps
Holmium	165-2	1131351	947216	1123610	1067392	9.76	cps
Indium	115-1	4536223	4532620	4520415	4529753	0.18	cps
Indium	115-2	189260	156281	189449	178330	10.71	cps
Iron	56-2	2950	2806	3023	2926	3.77	cps
Iron	57-2	89	94	106	96	8.81	cps
Lead	206-1	794	978	822	865	11.43	cps
Lead	207-1	817	750	744	770	5.22	cps
Lead	208-1	3400	3423	3250	3358	2.79	cps
Lithium	6-1	598694	602995	599670	600453	0.38	cps
Magnesium	24-2	450	300	317	356	23.12	cps
Manganese	55-2	7	17	27	17	59.99	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 17:54:53 DataFile Name : 017CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	158	217	194	16.23	cps
Molybdenum	95-1	133	133	217	161	29.86	cps
Molybdenum	96-1	208	183	217	203	8.56	cps
Molybdenum	97-1	125	100	167	131	25.80	cps
Molybdenum	98-1	250	200	167	206	20.40	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	660	720	643	674	5.98	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2450	2142	2109	2234	8.43	cps
Rhodium	103-1	4089441	4150569	4122591	4120867	0.74	cps
Rhodium	103-2	1038084	869654	1036815	981518	9.87	cps
Scandium	45-1	2208398	2203063	2206562	2206008	0.12	cps
Scandium	45-2	17668	14451	17718	16612	11.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-16	-15	10	-7	-217.93	cps
Silicon	28-1	317605	314428	314510	315514	0.57	cps
Silver	109-1	50	67	75	64	19.92	cps
Silver	107-1	117	50	108	92	39.63	cps
Sodium	23-2	10571	10096	10763	10476	3.28	cps
Strontium	86-1	467	600	575	547	12.95	cps
Strontium	88-1	225	167	217	203	15.56	cps
Sulfur	34-1	267204	268530	271513	269082	0.82	cps
Terbium	159-1	5929680	6023682	5942880	5965414	0.85	cps
Terbium	159-2	1087720	905034	1081691	1024815	10.13	cps
Thallium	203-1	733	983	675	797	20.55	cps
Thallium	205-1	1792	1992	1875	1886	5.33	cps
Tin	118-1	825	808	650	761	12.69	cps
Titanium	47-1	83	175	158	139	35.16	cps
Uranium	238-1	175	167	150	164	7.77	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	4586895	4572864	4603086	4587615	0.33	cps
Yttrium	89-2	135433	115118	136315	128955	9.30	cps
Zinc	66-2	37	50	23	37	36.37	cps
Zirconium	90-1	308	450	550	436	27.84	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 17:54:53	DataFile Name :	017CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	50	64	19.92	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339374	336847	339417	338546	0.43	cps
Antimony	121-1	7894	7744	8003	7880	1.65	cps
Arsenic	75-2	26	19	26	23	18.24	cps
Barium	135-1	2184	2184	2550	2306	9.18	cps
Barium	137-1	4226	4167	3676	4023	7.51	cps
Beryllium	9-1	333	289	267	296	11.46	cps
Bismuth	209-1	3964275	3972032	3949023	3961777	0.30	cps
Bismuth	209-2	873925	869601	870197	871241	0.27	cps
Boron	10-1	850	683	933	822	15.48	cps
Boron	11-1	4192	3809	3776	3926	5.90	cps
Cadmium	111-1	892	868	1200	987	18.78	cps
Cadmium	106-1	750	783	900	811	9.71	cps
Cadmium	108-1	613	717	567	632	12.16	cps
Calcium	43-1	1273587	1269873	1272135	1271865	0.15	cps
Calcium	44-1	20437665	20425980	20384986	20416210	0.14	cps
Chromium	52-2	10774	10224	10731	10576	2.89	cps
Cobalt	59-2	1240	1280	1417	1312	7.06	cps
Copper	63-2	7315	7919	7889	7708	4.41	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	5792111	5887386	5797116	5825537	0.92	cps
Holmium	165-2	1122166	1118223	1118486	1119625	0.20	cps
Indium	115-1	4405024	4412193	4463649	4426955	0.72	cps
Indium	115-2	184075	182271	183568	183305	0.51	cps
Iron	56-2	34720195	34649477	34728322	34699331	0.12	cps
Iron	57-2	869599	870116	868541	869419	0.09	cps
Lead	206-1	23990	24062	23044	23698	2.40	cps
Lead	207-1	18770	18342	19132	18748	2.11	cps
Lead	208-1	88649	88493	89865	89002	0.84	cps
Lithium	6-1	551110	555768	555528	554135	0.47	cps
Magnesium	24-2	1759432	1753653	1749758	1754281	0.28	cps
Manganese	55-2	1227	1157	1063	1149	7.13	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3094260	3100129	3080343	3091577	0.33	cps
Molybdenum	95-1	5422672	5473780	5426586	5441013	0.52	cps
Molybdenum	96-1	5844956	5855461	5788340	5829586	0.62	cps
Molybdenum	97-1	3380736	3405672	3401053	3395821	0.39	cps
Molybdenum	98-1	8608143	8592996	8654171	8618437	0.37	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2514	2434	2437	2461	1.84	cps
Phosphorus	31-2	24698	25524	24806	25009	1.80	cps
Potassium	39-2	1008870	1002384	1007421	1006225	0.34	cps
Rhodium	103-1	3945535	3982664	3954148	3960782	0.49	cps
Rhodium	103-2	996914	983745	989064	989907	0.67	cps
Scandium	45-1	2204668	2205658	2206272	2205532	0.04	cps
Scandium	45-2	17454	16987	17101	17181	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	10	-17	12	2	847.02	cps
Silicon	28-1	396102	398308	395884	396765	0.34	cps
Silver	109-1	592	608	742	647	12.70	cps
Silver	107-1	600	717	717	678	9.94	cps
Sodium	23-2	3979902	3958511	3982524	3973646	0.33	cps
Strontium	86-1	61071	60946	59732	60583	1.22	cps
Strontium	88-1	524261	520049	526691	523667	0.64	cps
Sulfur	34-1	1790094	1806204	1790753	1795684	0.51	cps
Terbium	159-1	5949745	5972370	6050829	5990981	0.89	cps
Terbium	159-2	1077672	1075160	1079343	1077392	0.20	cps
Thallium	203-1	917	825	817	853	6.51	cps
Thallium	205-1	1975	2225	2084	2095	5.99	cps
Tin	118-1	1200	1333	1467	1333	10.00	cps
Titanium	47-1	1291601	1272504	1272675	1278927	0.86	cps
Uranium	238-1	425	558	617	533	18.42	cps
Vanadium	51-2	93	57	50	67	35.00	cps
Yttrium	89-1	4660182	4650528	4638965	4649892	0.23	cps
Yttrium	89-2	134171	136291	136059	135507	0.86	cps
Zinc	66-2	1040	1060	1100	1067	2.86	cps
Zirconium	90-1	583	692	642	639	8.49	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:01:23	DataFile Name :	019ICSA_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	108	167	147	22.88	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342505	339672	338379	340185	0.62	cps
Antimony	121-1	146183	146057	148309	146850	0.86	cps
Arsenic	75-2	1365	1332	1350	1349	1.24	cps
Barium	135-1	32082	32407	32575	32355	0.77	cps
Barium	137-1	55183	57217	55911	56104	1.84	cps
Beryllium	9-1	12767	13195	13190	13051	1.88	cps
Bismuth	209-1	3904166	3834150	3803303	3847206	1.34	cps
Bismuth	209-2	868956	870120	868906	869327	0.08	cps
Boron	10-1	750	742	592	694	12.83	cps
Boron	11-1	3217	3142	2700	3020	9.25	cps
Cadmium	111-1	29110	28605	29744	29153	1.96	cps
Cadmium	106-1	3626	3151	3192	3323	7.92	cps
Cadmium	108-1	2488	2705	2604	2599	4.17	cps
Calcium	43-1	1263296	1297604	1256170	1272357	1.74	cps
Calcium	44-1	20576138	20483546	20543089	20534258	0.23	cps
Chromium	52-2	20505	21109	20482	20699	1.72	cps
Cobalt	59-2	24158	24165	24118	24147	0.10	cps
Copper	63-2	27183	27070	26789	27014	0.75	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	108	33	17	53	92.52	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	5855649	5717143	5544370	5705721	2.73	cps
Holmium	165-2	1123757	1119459	1114772	1119329	0.40	cps
Indium	115-1	4428914	4347858	4273749	4350174	1.78	cps
Indium	115-2	183462	180853	181112	181809	0.79	cps
Iron	56-2	34954863	34756351	34727715	34812976	0.36	cps
Iron	57-2	875655	873757	872241	873884	0.20	cps
Lead	206-1	123365	120102	121476	121648	1.35	cps
Lead	207-1	103026	102135	102332	102497	0.46	cps
Lead	208-1	476341	469316	473907	473188	0.75	cps
Lithium	6-1	549105	536050	526624	537260	2.10	cps
Magnesium	24-2	1776581	1760552	1766252	1767795	0.46	cps
Manganese	55-2	4314	4211	3997	4174	3.87	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3135735	3139279	3155256	3143423	0.33	cps
Molybdenum	95-1	5540117	5520846	5523935	5528299	0.19	cps
Molybdenum	96-1	5874509	5910556	6033642	5939569	1.40	cps
Molybdenum	97-1	3427403	3399787	3419856	3415682	0.42	cps
Molybdenum	98-1	8655251	8688807	8732932	8692330	0.45	cps
Neodymium	150-1	60	60	20	47	49.49	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	9000	8569	8663	8744	2.59	cps
Phosphorus	31-2	26501	25240	24831	25524	3.41	cps
Potassium	39-2	1023292	1013360	1016783	1017812	0.50	cps
Rhodium	103-1	3929423	3865515	3798184	3864374	1.70	cps
Rhodium	103-2	989782	983683	984413	985959	0.34	cps
Scandium	45-1	2188227	2161254	2098086	2149189	2.15	cps
Scandium	45-2	16714	16867	17274	16952	1.71	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	43	22	31	32	31.78	cps
Selenium	82-1	1765	1720	1692	1726	2.15	cps
Silicon	28-1	402836	404131	405460	404142	0.32	cps
Silver	109-1	126010	127432	126019	126487	0.65	cps
Silver	107-1	133767	133119	133573	133486	0.25	cps
Sodium	23-2	3991834	3980450	3986339	3986208	0.14	cps
Strontium	86-1	60828	60677	60577	60694	0.21	cps
Strontium	88-1	525330	519389	528818	524512	0.91	cps
Sulfur	34-1	1790257	1800088	1804652	1798332	0.41	cps
Terbium	159-1	5972467	5848325	5693240	5838011	2.40	cps
Terbium	159-2	1075994	1069725	1070035	1071918	0.33	cps
Thallium	203-1	118919	120560	120930	120136	0.89	cps
Thallium	205-1	290827	288698	290806	290110	0.42	cps
Tin	118-1	1067	1208	1250	1175	8.18	cps
Titanium	47-1	1297008	1293184	1290679	1293624	0.25	cps
Uranium	238-1	467	475	342	428	17.46	cps
Vanadium	51-2	7902	7909	7656	7822	1.85	cps
Yttrium	89-1	4591563	4534916	4459760	4528746	1.46	cps
Yttrium	89-2	135120	134161	135423	134901	0.49	cps
Zinc	66-2	2674	2904	3080	2886	7.07	cps
Zirconium	90-1	642	658	592	631	5.50	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:04:30	DataFile Name :	020ICSB_P8011618MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	192	167	142	46.69	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191247	191026	191811	191361	0.21	cps
Antimony	121-1	3658397	3647197	3627549	3644381	0.43	cps
Arsenic	75-2	35687	35937	36301	35975	0.86	cps
Barium	135-1	3910211	3903782	3864203	3892732	0.64	cps
Barium	137-1	6832556	6801317	6723527	6785800	0.83	cps
Beryllium	9-1	332694	334224	334639	333852	0.31	cps
Bismuth	209-1	3891043	3942580	3923119	3918914	0.66	cps
Bismuth	209-2	858473	861852	860047	860124	0.20	cps
Boron	10-1	38611	37776	38645	38344	1.28	cps
Boron	11-1	176296	179736	183424	179819	1.98	cps
Cadmium	111-1	724715	728401	720169	724429	0.57	cps
Cadmium	106-1	74498	75411	74698	74869	0.64	cps
Cadmium	108-1	52096	51352	51419	51622	0.80	cps
Calcium	43-1	3205327	3237635	3268982	3237315	0.98	cps
Calcium	44-1	52768504	52178216	52757431	52568050	0.64	cps
Chromium	52-2	272134	274086	273893	273371	0.39	cps
Cobalt	59-2	575915	574417	576564	575632	0.19	cps
Copper	63-2	975508	980866	985028	980467	0.49	cps
Dysprosium	156-1	75	58	50	61	20.83	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	92	42	25	53	65.74	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	67	67	117	83	34.64	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	5806070	5882303	5826102	5838159	0.68	cps
Holmium	165-2	1123975	1122121	1117089	1121062	0.32	cps
Indium	115-1	4376511	4399902	4356736	4377716	0.49	cps
Indium	115-2	178248	176426	177481	177385	0.52	cps
Iron	56-2	44643648	44764751	44541457	44649952	0.25	cps
Iron	57-2	1125350	1126733	1122462	1124848	0.19	cps
Lead	206-1	2499882	2499456	2469649	2489662	0.70	cps
Lead	207-1	2297511	2278466	2318923	2298300	0.88	cps
Lead	208-1	10297292	10210666	10299823	10269260	0.49	cps
Lithium	6-1	550815	557370	558788	555658	0.77	cps
Magnesium	24-2	4524717	4545461	4541842	4537340	0.24	cps
Manganese	55-2	157357	156127	155023	156169	0.75	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5831244	5888757	5848890	5856297	0.50	cps
Molybdenum	95-1	7257457	7219472	7182419	7219783	0.52	cps
Molybdenum	96-1	8019904	8085764	8080201	8061957	0.45	cps
Molybdenum	97-1	4523900	4432732	4439854	4465495	1.14	cps
Molybdenum	98-1	11583640	11614827	11489315	11562594	0.57	cps
Neodymium	150-1	173	187	167	176	5.80	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	166801	168420	168616	167946	0.59	cps
Phosphorus	31-2	2567	2709	2684	2653	2.85	cps
Potassium	39-2	1353490	1365162	1343931	1354194	0.79	cps
Rhodium	103-1	3904466	3917471	3856964	3892967	0.82	cps
Rhodium	103-2	972996	970098	975667	972920	0.29	cps
Scandium	45-1	2193485	2198940	2226110	2206178	0.79	cps
Scandium	45-2	17338	17421	16670	17143	2.40	cps
Selenium	77-2	240	277	277	264	8.01	cps
Selenium	78-2	819	796	833	816	2.28	cps
Selenium	82-1	43688	43946	43563	43732	0.45	cps
Silicon	28-1	1457451	1461070	1465566	1461362	0.28	cps
Silver	109-1	3440785	3419374	3381036	3413732	0.89	cps
Silver	107-1	3533226	3573026	3531458	3545903	0.66	cps
Sodium	23-2	10533752	10628900	10548603	10570418	0.48	cps
Strontium	86-1	940579	937666	936961	938402	0.20	cps
Strontium	88-1	8168630	8190192	8202497	8187106	0.21	cps
Sulfur	34-1	444065	445026	445819	444970	0.20	cps
Terbium	159-1	5995688	6033421	5972131	6000413	0.52	cps
Terbium	159-2	1076355	1077072	1065197	1072875	0.62	cps
Thallium	203-1	3048801	3080082	3042822	3057235	0.65	cps
Thallium	205-1	7226422	7252002	7259762	7246062	0.24	cps
Tin	118-1	2504747	2497708	2473103	2491853	0.67	cps
Titanium	47-1	1653992	1680703	1686563	1673753	1.04	cps
Uranium	238-1	10558651	10553150	10635889	10582563	0.44	cps
Vanadium	51-2	207106	206437	206341	206628	0.20	cps
Yttrium	89-1	4627941	4663171	4594621	4628578	0.74	cps
Yttrium	89-2	134968	133972	133582	134174	0.53	cps
Zinc	66-2	91711	92053	90640	91468	0.81	cps
Zirconium	90-1	4964246	4935612	5007920	4969260	0.73	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:07:38	DataFile Name :	021CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1079012	1082868	1071902	1077927	0.52	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : CCB022 Instrumnet Name : P8
 Client Sample ID : CCB022 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 18:11:34 DataFile Name : 022CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	33	14	124.91	cps
Antimony	121-1	1058	1083	1225	1122	8.01	cps
Arsenic	75-2	9	0	6	5	94.35	cps
Barium	135-1	42	58	83	61	34.32	cps
Barium	137-1	58	92	75	75	22.22	cps
Beryllium	9-1	233	250	267	250	6.67	cps
Bismuth	209-1	4086019	4118190	4140890	4115033	0.67	cps
Bismuth	209-2	897976	904563	903672	902070	0.40	cps
Boron	10-1	1383	1100	1033	1172	15.86	cps
Boron	11-1	5251	4818	4868	4979	4.76	cps
Cadmium	111-1	553	514	494	520	5.74	cps
Cadmium	106-1	750	683	650	694	7.33	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	775	658	558	664	16.33	cps
Calcium	44-1	13098	13198	12248	12848	4.07	cps
Chromium	52-2	213	223	217	218	2.34	cps
Cobalt	59-2	73	67	80	73	9.09	cps
Copper	63-2	310	277	297	294	5.70	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	8	58	25	31	83.33	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5741652	5772398	5822043	5778697	0.70	cps
Holmium	165-2	1107995	1104905	1107980	1106960	0.16	cps
Indium	115-1	4455465	4507543	4546422	4503143	1.01	cps
Indium	115-2	183657	186936	187538	186044	1.12	cps
Iron	56-2	5357	5096	4879	5110	4.68	cps
Iron	57-2	122	133	122	126	5.09	cps
Lead	206-1	1145	1156	1117	1139	1.76	cps
Lead	207-1	1028	989	967	995	3.11	cps
Lead	208-1	4300	4489	4495	4428	2.50	cps
Lithium	6-1	573573	572973	578489	575012	0.53	cps
Magnesium	24-2	450	500	317	422	22.45	cps
Manganese	55-2	23	20	20	21	9.11	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:11:34	DataFile Name :	022CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	342	392	392	12.77	cps
Molybdenum	95-1	408	500	425	444	10.99	cps
Molybdenum	96-1	392	358	358	369	5.21	cps
Molybdenum	97-1	283	250	208	247	15.20	cps
Molybdenum	98-1	667	525	400	531	25.15	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	960	887	887	911	4.65	cps
Phosphorus	31-2	0	8	33	14	124.91	cps
Potassium	39-2	2267	2334	2309	2303	1.46	cps
Rhodium	103-1	4083186	4107732	4102014	4097644	0.31	cps
Rhodium	103-2	1022509	1021952	1029061	1024507	0.39	cps
Scandium	45-1	2213596	2191078	2225606	2210093	0.79	cps
Scandium	45-2	17384	17635	17358	17459	0.88	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	3	-17	6	-3	-457.70	cps
Silicon	28-1	322178	318240	319376	319931	0.63	cps
Silver	109-1	225	208	300	244	19.98	cps
Silver	107-1	200	225	292	239	19.84	cps
Sodium	23-2	12172	11780	10754	11569	6.33	cps
Strontium	86-1	442	408	608	486	22.04	cps
Strontium	88-1	225	217	133	192	26.45	cps
Sulfur	34-1	273038	271376	272184	272199	0.31	cps
Terbium	159-1	5871308	5889193	5881427	5880642	0.15	cps
Terbium	159-2	1059174	1071808	1057666	1062882	0.73	cps
Thallium	203-1	833	900	875	870	3.87	cps
Thallium	205-1	2434	2059	1825	2106	14.58	cps
Tin	118-1	592	775	717	694	13.49	cps
Titanium	47-1	225	208	150	194	20.25	cps
Uranium	238-1	200	167	92	153	36.32	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	4562840	4581608	4557183	4567210	0.28	cps
Yttrium	89-2	134046	135706	135848	135200	0.74	cps
Zinc	66-2	60	27	10	32	79.01	cps
Zirconium	90-1	492	417	450	453	8.30	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:11:34	DataFile Name :	022CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	117	42	75	50.92	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:14:45	DataFile Name :	023SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	67	72	35.26	cps
Antimony	121-1	14158	13366	13482	13669	3.13	cps
Arsenic	75-2	67	67	89	74	17.32	cps
Barium	135-1	13549	14033	13966	13850	1.89	cps
Barium	137-1	24565	24774	23889	24409	1.90	cps
Beryllium	9-1	867	889	783	846	6.58	cps
Bismuth	209-1	4188833	4232319	4255197	4225449	0.80	cps
Bismuth	209-2	928123	930872	932393	930463	0.23	cps
Boron	10-1	2234	2475	2600	2436	7.65	cps
Boron	11-1	11013	10838	10913	10921	0.80	cps
Cadmium	111-1	1961	1911	1927	1933	1.33	cps
Cadmium	106-1	992	1042	892	975	7.83	cps
Cadmium	108-1	83	104	79	89	15.07	cps
Calcium	43-1	6810	6635	6844	6763	1.66	cps
Calcium	44-1	107954	111012	108106	109024	1.58	cps
Chromium	52-2	1353	1377	1260	1330	4.64	cps
Cobalt	59-2	1087	1223	1170	1160	5.94	cps
Copper	63-2	2114	2127	2224	2155	2.79	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	8	25	17	50.01	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	5919694	5914502	5999546	5944581	0.80	cps
Holmium	165-2	1145813	1147130	1145718	1146220	0.07	cps
Indium	115-1	4627713	4682960	4643601	4651425	0.61	cps
Indium	115-2	193316	192874	192615	192935	0.18	cps
Iron	56-2	20883	21812	21100	21265	2.29	cps
Iron	57-2	611	556	506	557	9.47	cps
Lead	206-1	5746	5685	5668	5700	0.72	cps
Lead	207-1	4973	5057	5090	5040	1.19	cps
Lead	208-1	23042	23493	22603	23046	1.93	cps
Lithium	6-1	593252	591911	597515	594226	0.49	cps
Magnesium	24-2	8620	8820	9287	8909	3.84	cps
Manganese	55-2	187	157	193	179	10.92	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:14:45	DataFile Name :	023SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10871	11322	10504	10899	3.76	cps
Molybdenum	95-1	12973	12857	13340	13057	1.93	cps
Molybdenum	96-1	14934	14550	15084	14856	1.85	cps
Molybdenum	97-1	8528	8194	7903	8208	3.81	cps
Molybdenum	98-1	20516	21192	21051	20920	1.70	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1367	1310	1480	1386	6.25	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	7702	7060	6710	7158	7.03	cps
Rhodium	103-1	4172367	4261811	4254609	4229596	1.17	cps
Rhodium	103-2	1052777	1065786	1057819	1058794	0.62	cps
Scandium	45-1	2251846	2295259	2303932	2283679	1.22	cps
Scandium	45-2	17915	17715	18079	17903	1.02	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	7	11	7	9	24.71	cps
Selenium	82-1	448	394	420	421	6.43	cps
Silicon	28-1	354780	353407	353550	353913	0.21	cps
Silver	109-1	6744	6385	6602	6577	2.75	cps
Silver	107-1	6960	7027	6318	6769	5.78	cps
Sodium	23-2	30559	29123	29481	29721	2.52	cps
Strontium	86-1	2325	2250	2100	2225	5.15	cps
Strontium	88-1	15134	15126	14867	15042	1.01	cps
Sulfur	34-1	279003	277664	278087	278251	0.25	cps
Terbium	159-1	6086880	6187801	6194396	6156359	0.98	cps
Terbium	159-2	1098979	1100223	1105775	1101659	0.33	cps
Thallium	203-1	5952	6769	5868	6196	8.03	cps
Thallium	205-1	15126	15235	15460	15274	1.11	cps
Tin	118-1	22637	22395	21743	22258	2.08	cps
Titanium	47-1	2892	3292	2992	3059	6.81	cps
Uranium	238-1	18231	18949	18289	18489	2.16	cps
Vanadium	51-2	2027	1803	1954	1928	5.91	cps
Yttrium	89-1	4727393	4712931	4709503	4716609	0.20	cps
Yttrium	89-2	140732	140547	139624	140301	0.42	cps
Zinc	66-2	253	253	200	236	13.07	cps
Zirconium	90-1	9487	9837	9771	9698	1.92	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:14:45	DataFile Name :	023SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1967	2067	2059	2031	2.73	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : PB105671BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 18:17:56 DataFile Name : 024CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	325	342	342	336	2.86	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	75	17	17	36	93.25	cps
Beryllium	9-1	150	189	200	180	14.62	cps
Bismuth	209-1	4192640	4189672	4185925	4189412	0.08	cps
Bismuth	209-2	918371	887529	880330	895410	2.26	cps
Boron	10-1	600	592	700	631	9.56	cps
Boron	11-1	2742	2809	3042	2864	5.50	cps
Cadmium	111-1	576	600	508	561	8.52	cps
Cadmium	106-1	800	833	700	778	8.92	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	658	717	783	719	8.69	cps
Calcium	44-1	12690	11697	12106	12164	4.10	cps
Chromium	52-2	260	223	247	243	7.63	cps
Cobalt	59-2	77	67	60	68	12.38	cps
Copper	63-2	127	160	103	130	21.90	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	5939946	5944104	5920772	5934941	0.21	cps
Holmium	165-2	1139504	1092744	1082931	1105060	2.74	cps
Indium	115-1	4572109	4552637	4623166	4582637	0.79	cps
Indium	115-2	189738	183237	180777	184584	2.51	cps
Iron	56-2	3228	3300	3434	3321	3.14	cps
Iron	57-2	128	67	78	91	35.87	cps
Lead	206-1	889	856	950	898	5.33	cps
Lead	207-1	783	828	906	839	7.38	cps
Lead	208-1	3645	3461	3600	3569	2.68	cps
Lithium	6-1	589635	586532	592668	589612	0.52	cps
Magnesium	24-2	417	425	400	414	3.08	cps
Manganese	55-2	33	23	23	27	21.65	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:17:56	DataFile Name :	024CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	208	100	167	35.00	cps
Molybdenum	95-1	108	75	92	92	18.18	cps
Molybdenum	96-1	167	125	125	139	17.32	cps
Molybdenum	97-1	133	58	83	92	41.66	cps
Molybdenum	98-1	125	208	158	164	25.59	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	913	947	937	932	1.84	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	2367	2275	2242	2295	2.82	cps
Rhodium	103-1	4210150	4192870	4157667	4186895	0.64	cps
Rhodium	103-2	1054175	1009347	1001270	1021598	2.79	cps
Scandium	45-1	2260279	2242908	2251513	2251567	0.39	cps
Scandium	45-2	17855	17248	16960	17354	2.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-29	-2	-26	-19	-76.56	cps
Silicon	28-1	322323	319405	320627	320785	0.46	cps
Silver	109-1	108	158	83	117	32.73	cps
Silver	107-1	117	33	133	94	56.73	cps
Sodium	23-2	10538	10238	10279	10351	1.57	cps
Strontium	86-1	567	508	542	539	5.43	cps
Strontium	88-1	125	83	175	128	35.92	cps
Sulfur	34-1	283093	281340	282766	282400	0.33	cps
Terbium	159-1	6068963	6010406	6107032	6062134	0.80	cps
Terbium	159-2	1084728	1049832	1045983	1060181	2.01	cps
Thallium	203-1	558	633	542	578	8.45	cps
Thallium	205-1	1225	1117	1308	1217	7.90	cps
Tin	118-1	525	558	475	519	8.08	cps
Titanium	47-1	108	108	133	117	12.37	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	0	7	13	7	99.98	cps
Yttrium	89-1	4754117	4720257	4680301	4718225	0.78	cps
Yttrium	89-2	139425	132239	132031	134565	3.13	cps
Zinc	66-2	63	43	47	51	20.96	cps
Zirconium	90-1	425	292	325	347	19.98	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:17:56	DataFile Name :	024CCBE_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:26:38	DataFile Name :	026LCSE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	225	150	189	19.89	cps
Antimony	121-1	26695	27203	26803	26900	1.00	cps
Arsenic	75-2	144	159	130	144	10.26	cps
Barium	135-1	28607	28891	27989	28495	1.62	cps
Barium	137-1	50472	49912	50238	50207	0.56	cps
Beryllium	9-1	1478	1306	1433	1406	6.36	cps
Bismuth	209-1	4237154	4208377	4117740	4187757	1.49	cps
Bismuth	209-2	924786	930870	925383	927013	0.36	cps
Boron	10-1	3659	3876	4017	3851	4.69	cps
Boron	11-1	18004	18129	18780	18304	2.28	cps
Cadmium	111-1	3220	3510	3528	3419	5.05	cps
Cadmium	106-1	867	1092	1192	1050	15.85	cps
Cadmium	108-1	183	167	213	188	12.37	cps
Calcium	43-1	12431	12665	13015	12703	2.31	cps
Calcium	44-1	206035	209718	209341	208365	0.97	cps
Chromium	52-2	2650	2494	2517	2554	3.31	cps
Cobalt	59-2	2240	2337	2230	2269	2.60	cps
Copper	63-2	4147	4051	4217	4138	2.02	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	83	25	50	60.09	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5968558	5961969	5943345	5957957	0.22	cps
Holmium	165-2	1150190	1142855	1138902	1143982	0.50	cps
Indium	115-1	4628003	4641778	4615374	4628385	0.29	cps
Indium	115-2	192084	190145	189901	190710	0.63	cps
Iron	56-2	142919	141303	142340	142187	0.58	cps
Iron	57-2	3512	3534	3645	3564	2.01	cps
Lead	206-1	10938	10054	10271	10421	4.42	cps
Lead	207-1	9215	8881	9365	9154	2.70	cps
Lead	208-1	42874	40894	41656	41808	2.39	cps
Lithium	6-1	596350	593917	594007	594758	0.23	cps
Magnesium	24-2	17503	18070	17862	17812	1.61	cps
Manganese	55-2	340	313	327	327	4.08	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:26:38	DataFile Name :	026LCSE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21852	22227	22336	22138	1.15	cps
Molybdenum	95-1	27187	25917	27687	26930	3.39	cps
Molybdenum	96-1	29124	30735	31588	30482	4.11	cps
Molybdenum	97-1	16402	16853	16628	16628	1.35	cps
Molybdenum	98-1	42066	44649	41966	42894	3.55	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1653	1677	1670	1667	0.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12723	12639	12690	12684	0.33	cps
Rhodium	103-1	4227103	4212256	4160910	4200090	0.83	cps
Rhodium	103-2	1049537	1054254	1050360	1051384	0.24	cps
Scandium	45-1	2226391	2256395	2256967	2246585	0.78	cps
Scandium	45-2	18222	17451	17638	17770	2.26	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	9	17	20	15	36.66	cps
Selenium	82-1	857	815	853	841	2.78	cps
Silicon	28-1	385835	384341	384106	384761	0.24	cps
Silver	109-1	13374	13616	13524	13505	0.90	cps
Silver	107-1	14158	13399	14750	14102	4.80	cps
Sodium	23-2	49872	50415	50934	50407	1.05	cps
Strontium	86-1	3701	3734	3576	3670	2.28	cps
Strontium	88-1	30802	29792	29783	30126	1.95	cps
Sulfur	34-1	280549	283762	280990	281767	0.62	cps
Terbium	159-1	6124657	6050536	6100199	6091797	0.62	cps
Terbium	159-2	1101424	1097167	1094772	1097788	0.31	cps
Thallium	203-1	12298	12006	12732	12345	2.96	cps
Thallium	205-1	29043	29402	28082	28842	2.37	cps
Tin	118-1	45670	45085	44760	45172	1.02	cps
Titanium	47-1	6577	6227	6477	6427	2.81	cps
Uranium	238-1	36797	37758	39439	37998	3.52	cps
Vanadium	51-2	3697	3804	3697	3733	1.65	cps
Yttrium	89-1	4680021	4736857	4747731	4721536	0.77	cps
Yttrium	89-2	139671	139012	139884	139523	0.33	cps
Zinc	66-2	357	420	457	411	12.31	cps
Zirconium	90-1	19198	19790	19506	19498	1.52	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	PB105671BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:26:38	DataFile Name :	026LCSE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4051	4434	4092	4193	5.02	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	175	158	158	10.52	cps
Antimony	121-1	950	933	775	886	10.90	cps
Arsenic	75-2	7	13	11	10	26.93	cps
Barium	135-1	14066	13241	13374	13560	3.27	cps
Barium	137-1	23931	24048	23914	23964	0.30	cps
Beryllium	9-1	189	139	144	157	17.41	cps
Bismuth	209-1	4629424	4488799	4553460	4557227	1.54	cps
Bismuth	209-2	1001243	987843	994737	994608	0.67	cps
Boron	10-1	53877	54981	55424	54761	1.45	cps
Boron	11-1	262697	265743	269834	266091	1.35	cps
Cadmium	111-1	632	616	610	620	1.81	cps
Cadmium	106-1	833	800	792	808	2.73	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Calcium	43-1	188895	186017	183795	186235	1.37	cps
Calcium	44-1	3077583	3063982	3068075	3069880	0.23	cps
Chromium	52-2	337	360	353	350	3.43	cps
Cobalt	59-2	67	80	67	71	10.82	cps
Copper	63-2	56394	56698	56340	56478	0.34	cps
Dysprosium	156-1	17	33	8	19	65.48	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	6669738	6543914	6533585	6582412	1.15	cps
Holmium	165-2	1252404	1235860	1233098	1240454	0.84	cps
Indium	115-1	5185028	5106102	5080008	5123713	1.07	cps
Indium	115-2	208546	204921	205382	206283	0.96	cps
Iron	56-2	138867	137549	138143	138186	0.48	cps
Iron	57-2	3489	3112	3651	3417	8.10	cps
Lead	206-1	6363	6246	5752	6120	5.30	cps
Lead	207-1	5624	5262	5140	5342	4.71	cps
Lead	208-1	24944	24221	23443	24202	3.10	cps
Lithium	6-1	650583	641945	637192	643240	1.06	cps
Magnesium	24-2	37400	37926	38536	37954	1.50	cps
Manganese	55-2	800	747	750	766	3.90	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	208	250	203	24.77	cps
Molybdenum	95-1	267	83	100	150	67.59	cps
Molybdenum	96-1	275	242	283	267	8.27	cps
Molybdenum	97-1	133	125	142	133	6.25	cps
Molybdenum	98-1	333	292	350	325	9.24	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1413	1227	1340	1327	7.09	cps
Phosphorus	31-2	42	75	75	64	30.12	cps
Potassium	39-2	42030	41011	41420	41487	1.24	cps
Rhodium	103-1	4612733	4585090	4565736	4587853	0.51	cps
Rhodium	103-2	1137472	1130779	1125296	1131182	0.54	cps
Scandium	45-1	2553258	2504594	2488427	2515426	1.34	cps
Scandium	45-2	18890	18956	19130	18992	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-10	-8	47	10	340.78	cps
Silicon	28-1	656886	652447	652139	653824	0.41	cps
Silver	109-1	9095	9187	9479	9254	2.17	cps
Silver	107-1	8903	9654	10038	9532	6.05	cps
Sodium	23-2	3443475	3403227	3393909	3413537	0.77	cps
Strontium	86-1	56125	54736	56786	55882	1.87	cps
Strontium	88-1	477420	480149	477810	478460	0.31	cps
Sulfur	34-1	289248	290810	291336	290465	0.37	cps
Terbium	159-1	6772188	6716614	6690779	6726527	0.62	cps
Terbium	159-2	1203121	1188652	1176793	1189522	1.11	cps
Thallium	203-1	1142	1117	900	1053	12.62	cps
Thallium	205-1	2850	2559	2217	2542	12.47	cps
Tin	118-1	2584	2892	2800	2759	5.74	cps
Titanium	47-1	308	183	167	219	35.28	cps
Uranium	238-1	533	450	425	469	12.08	cps
Vanadium	51-2	57	40	37	44	24.11	cps
Yttrium	89-1	5275851	5210589	5169543	5218661	1.03	cps
Yttrium	89-2	152527	150734	150204	151155	0.81	cps
Zinc	66-2	36311	36578	36959	36616	0.89	cps
Zirconium	90-1	425	350	425	400	10.83	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-01	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:29:49	DataFile Name :	027SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	92	125	81	63.21	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	125	175	150	16.67	cps
Antimony	121-1	908	958	1108	992	10.50	cps
Arsenic	75-2	9	11	11	10	10.18	cps
Barium	135-1	263907	256705	254902	258505	1.84	cps
Barium	137-1	462492	453232	447400	454374	1.67	cps
Beryllium	9-1	72	167	100	113	42.97	cps
Bismuth	209-1	4262338	4451863	4499440	4404547	2.85	cps
Bismuth	209-2	980824	980064	983954	981614	0.21	cps
Boron	10-1	61843	61984	63717	62515	1.67	cps
Boron	11-1	297770	301573	308782	302708	1.85	cps
Cadmium	111-1	718	550	608	625	13.64	cps
Cadmium	106-1	975	742	842	853	13.73	cps
Cadmium	108-1	21	33	21	25	28.87	cps
Calcium	43-1	108139	109676	108082	108632	0.83	cps
Calcium	44-1	1801853	1793620	1787404	1794292	0.40	cps
Chromium	52-2	380	287	317	328	14.54	cps
Cobalt	59-2	73	73	90	79	12.20	cps
Copper	63-2	74334	74609	74441	74461	0.19	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	17	33	8	19	65.47	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6211877	6458782	6527667	6399442	2.59	cps
Holmium	165-2	1225159	1220194	1220407	1221920	0.23	cps
Indium	115-1	4776557	4966473	5025607	4922879	2.64	cps
Indium	115-2	201812	202759	203002	202524	0.31	cps
Iron	56-2	37768	37707	40158	38545	3.63	cps
Iron	57-2	939	972	961	957	1.77	cps
Lead	206-1	7124	7280	7008	7137	1.91	cps
Lead	207-1	6002	6052	6280	6111	2.42	cps
Lead	208-1	27874	28191	27685	27917	0.92	cps
Lithium	6-1	601477	623533	627627	617546	2.28	cps
Magnesium	24-2	60973	61442	60764	61060	0.57	cps
Manganese	55-2	640	617	670	642	4.16	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	183	225	219	15.35	cps
Molybdenum	95-1	175	183	217	192	11.50	cps
Molybdenum	96-1	208	233	267	236	12.39	cps
Molybdenum	97-1	117	175	217	169	29.65	cps
Molybdenum	98-1	233	350	317	300	20.03	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3804	3751	3821	3792	0.96	cps
Phosphorus	31-2	17	58	8	28	96.44	cps
Potassium	39-2	36841	37409	37693	37314	1.16	cps
Rhodium	103-1	4263170	4522162	4463129	4416153	3.07	cps
Rhodium	103-2	1115981	1119110	1105421	1113504	0.64	cps
Scandium	45-1	2342642	2413627	2405774	2387348	1.63	cps
Scandium	45-2	18913	19090	18623	18875	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	15	-34	12	-2	-1272.10	cps
Silicon	28-1	524761	526972	514891	522208	1.23	cps
Silver	109-1	1350	1175	1317	1281	7.26	cps
Silver	107-1	1433	1558	1400	1464	5.70	cps
Sodium	23-2	3622299	3590020	3611567	3607962	0.46	cps
Strontium	86-1	50980	52996	51129	51702	2.17	cps
Strontium	88-1	454682	447170	444843	448898	1.15	cps
Sulfur	34-1	301514	299869	298007	299797	0.59	cps
Terbium	159-1	6309872	6585791	6569316	6488326	2.39	cps
Terbium	159-2	1172711	1177143	1169076	1172977	0.34	cps
Thallium	203-1	500	467	767	578	28.46	cps
Thallium	205-1	1392	1509	1258	1386	9.03	cps
Tin	118-1	1233	1617	1367	1406	13.85	cps
Titanium	47-1	192	150	292	211	34.49	cps
Uranium	238-1	242	200	142	194	25.83	cps
Vanadium	51-2	53	27	43	41	32.76	cps
Yttrium	89-1	4890897	5004390	5133954	5009747	2.43	cps
Yttrium	89-2	148294	146886	147587	147589	0.48	cps
Zinc	66-2	20552	21380	20736	20889	2.08	cps
Zirconium	90-1	400	358	283	347	17.03	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-02	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS02-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:33:00	DataFile Name :	028SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	92	83	67	54.49	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	92	89	5.41	cps
Antimony	121-1	992	1450	1192	1211	18.97	cps
Arsenic	75-2	13	19	20	17	22.31	cps
Barium	135-1	51978	52053	51166	51732	0.95	cps
Barium	137-1	89377	90425	88738	89513	0.95	cps
Beryllium	9-1	83	111	89	94	15.56	cps
Bismuth	209-1	4509903	4501639	4428654	4480065	1.00	cps
Bismuth	209-2	971111	967617	962577	967102	0.44	cps
Boron	10-1	52054	53885	54513	53484	2.39	cps
Boron	11-1	259481	263180	265030	262564	1.08	cps
Cadmium	111-1	863	788	756	802	6.83	cps
Cadmium	106-1	892	967	833	897	7.45	cps
Cadmium	108-1	129	163	146	146	11.43	cps
Calcium	43-1	190930	187782	188321	189011	0.89	cps
Calcium	44-1	3165573	3122550	3101591	3129905	1.04	cps
Chromium	52-2	367	303	373	348	11.11	cps
Cobalt	59-2	157	93	103	118	28.91	cps
Copper	63-2	120480	119215	119209	119635	0.61	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	33	67	39	65.47	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	6449685	6426166	6397696	6424516	0.41	cps
Holmium	165-2	1209370	1207421	1201696	1206162	0.33	cps
Indium	115-1	4999563	4927847	4920112	4949174	0.89	cps
Indium	115-2	201034	201627	199183	200615	0.64	cps
Iron	56-2	106957	107339	107797	107364	0.39	cps
Iron	57-2	2578	2645	2389	2537	5.22	cps
Lead	206-1	24374	24763	24207	24448	1.17	cps
Lead	207-1	21558	20951	20272	20927	3.07	cps
Lead	208-1	96990	97437	95114	96514	1.28	cps
Lithium	6-1	622304	619850	615665	619273	0.54	cps
Magnesium	24-2	51327	50047	51151	50842	1.36	cps
Manganese	55-2	1957	1723	1877	1852	6.40	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	817	908	858	5.41	cps
Molybdenum	95-1	1467	1292	1283	1347	7.69	cps
Molybdenum	96-1	1408	1308	1225	1314	6.99	cps
Molybdenum	97-1	858	992	800	883	11.12	cps
Molybdenum	98-1	1967	1900	2284	2050	9.99	cps
Neodymium	150-1	33	20	20	24	31.49	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2794	2500	2797	2697	6.32	cps
Phosphorus	31-2	42	83	17	47	71.32	cps
Potassium	39-2	42181	42582	42657	42473	0.60	cps
Rhodium	103-1	4457590	4434465	4409551	4433869	0.54	cps
Rhodium	103-2	1102974	1102304	1098461	1101246	0.22	cps
Scandium	45-1	2414122	2352902	2383290	2383438	1.28	cps
Scandium	45-2	18576	19030	18315	18640	1.94	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	-32	16	70	18	288.17	cps
Silicon	28-1	1211695	1200986	1214288	1208989	0.58	cps
Silver	109-1	1392	1275	1475	1381	7.28	cps
Silver	107-1	1483	1317	1433	1411	6.06	cps
Sodium	23-2	3530876	3522529	3490168	3514524	0.61	cps
Strontium	86-1	91876	91807	88814	90832	1.92	cps
Strontium	88-1	795656	792510	777279	788481	1.25	cps
Sulfur	34-1	296641	295820	297098	296520	0.22	cps
Terbium	159-1	6644651	6610292	6551149	6602031	0.72	cps
Terbium	159-2	1163078	1156465	1152128	1157224	0.48	cps
Thallium	203-1	367	317	367	350	8.25	cps
Thallium	205-1	1058	925	933	972	7.68	cps
Tin	118-1	1750	1617	1400	1589	11.12	cps
Titanium	47-1	258	192	283	244	19.38	cps
Uranium	238-1	433	692	658	594	23.64	cps
Vanadium	51-2	100	97	60	86	25.94	cps
Yttrium	89-1	5057729	5042958	5073579	5058089	0.30	cps
Yttrium	89-2	146071	145488	144039	145199	0.72	cps
Zinc	66-2	283793	284507	280464	282921	0.76	cps
Zirconium	90-1	383	267	367	339	18.62	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-03	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS03-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:36:11	DataFile Name :	029SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	33	75	58	37.80	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	25	25	33.32	cps
Antimony	121-1	1042	1142	1258	1147	9.45	cps
Arsenic	75-2	15	15	22	17	24.76	cps
Barium	135-1	211533	224703	229794	222010	4.24	cps
Barium	137-1	373779	399353	406888	393340	4.41	cps
Beryllium	9-1	83	94	67	81	17.16	cps
Bismuth	209-1	4136220	4320390	4373547	4276719	2.91	cps
Bismuth	209-2	961387	958840	966005	962077	0.38	cps
Boron	10-1	52522	57383	58336	56080	5.56	cps
Boron	11-1	259364	279291	289848	276168	5.61	cps
Cadmium	111-1	450	569	658	559	18.63	cps
Cadmium	106-1	617	783	908	770	19.02	cps
Cadmium	108-1	33	42	17	31	41.66	cps
Calcium	43-1	111575	117320	119893	116263	3.66	cps
Calcium	44-1	1858638	1983088	2016008	1952578	4.25	cps
Chromium	52-2	360	347	293	333	10.58	cps
Cobalt	59-2	40	67	63	57	25.64	cps
Copper	63-2	15429	15065	15449	15314	1.41	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5804717	6299704	6338096	6147506	4.84	cps
Holmium	165-2	1193710	1196159	1194745	1194871	0.10	cps
Indium	115-1	4523453	4771675	4888784	4727970	3.95	cps
Indium	115-2	199298	197279	199125	198567	0.56	cps
Iron	56-2	54670	53441	53609	53907	1.24	cps
Iron	57-2	1295	1289	1606	1396	12.98	cps
Lead	206-1	9004	9404	9426	9278	2.56	cps
Lead	207-1	7847	8047	7975	7956	1.27	cps
Lead	208-1	35359	36722	37556	36546	3.04	cps
Lithium	6-1	571584	603055	617342	597327	3.92	cps
Magnesium	24-2	40576	39840	40517	40311	1.01	cps
Manganese	55-2	683	607	693	661	7.17	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	208	250	242	12.43	cps
Molybdenum	95-1	200	308	283	264	21.50	cps
Molybdenum	96-1	192	292	292	258	22.35	cps
Molybdenum	97-1	108	183	133	142	26.96	cps
Molybdenum	98-1	392	292	242	308	24.77	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	9990	9920	10434	10115	2.75	cps
Phosphorus	31-2	108	225	150	161	36.70	cps
Potassium	39-2	35654	33850	35354	34953	2.77	cps
Rhodium	103-1	4082712	4304543	4334639	4240631	3.24	cps
Rhodium	103-2	1096680	1089726	1085673	1090693	0.51	cps
Scandium	45-1	2171497	2307269	2379236	2286001	4.61	cps
Scandium	45-2	17948	18566	17518	18011	2.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	-9	46	17	18	151.50	cps
Silicon	28-1	367414	373277	380556	373749	1.76	cps
Silver	109-1	600	825	742	722	15.75	cps
Silver	107-1	633	633	700	656	5.87	cps
Sodium	23-2	3166630	3162052	3180969	3169884	0.31	cps
Strontium	86-1	31729	32724	33542	32665	2.78	cps
Strontium	88-1	267196	284706	290196	280699	4.28	cps
Sulfur	34-1	283100	287706	292878	287895	1.70	cps
Terbium	159-1	5959116	6383016	6498774	6280302	4.52	cps
Terbium	159-2	1153745	1149575	1152839	1152053	0.19	cps
Thallium	203-1	300	317	267	294	8.65	cps
Thallium	205-1	642	583	617	614	4.77	cps
Tin	118-1	1175	1175	1308	1220	6.31	cps
Titanium	47-1	283	250	383	306	22.71	cps
Uranium	238-1	133	208	117	153	31.96	cps
Vanadium	51-2	57	57	30	48	32.23	cps
Yttrium	89-1	4575792	4856787	4981374	4804651	4.32	cps
Yttrium	89-2	143558	143915	141864	143112	0.77	cps
Zinc	66-2	27908	27922	27484	27771	0.90	cps
Zirconium	90-1	250	325	317	297	13.83	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-04	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS04-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:39:21	DataFile Name :	030SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	100	67	75	29.40	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	50	36	35.25	cps
Antimony	121-1	1375	1725	1567	1556	11.27	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	34053	35273	33903	34410	2.18	cps
Barium	137-1	60623	61327	59367	60439	1.64	cps
Beryllium	9-1	94	133	72	100	30.94	cps
Bismuth	209-1	4507716	4467505	4442145	4472455	0.74	cps
Bismuth	209-2	963091	967037	960709	963612	0.33	cps
Boron	10-1	52614	54840	55901	54452	3.08	cps
Boron	11-1	258292	264055	263910	262085	1.25	cps
Cadmium	111-1	611	644	690	648	6.13	cps
Cadmium	106-1	783	883	917	861	8.06	cps
Cadmium	108-1	83	100	92	92	9.09	cps
Calcium	43-1	187225	187342	184979	186515	0.71	cps
Calcium	44-1	3066987	3094587	3035389	3065655	0.97	cps
Chromium	52-2	343	403	380	376	8.05	cps
Cobalt	59-2	57	80	77	71	17.74	cps
Copper	63-2	10975	11101	11528	11201	2.59	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	25	8	50	28	75.51	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6458287	6389391	6306085	6384588	1.19	cps
Holmium	165-2	1195321	1193764	1190951	1193346	0.19	cps
Indium	115-1	4909480	4878539	4919169	4902396	0.43	cps
Indium	115-2	197343	195012	196624	196326	0.61	cps
Iron	56-2	166713	165948	164469	165710	0.69	cps
Iron	57-2	4640	4179	3934	4251	8.43	cps
Lead	206-1	10866	10705	10794	10788	0.75	cps
Lead	207-1	9710	8870	9220	9267	4.55	cps
Lead	208-1	43080	42357	42585	42674	0.87	cps
Lithium	6-1	618952	614433	610476	614620	0.69	cps
Magnesium	24-2	57416	57534	56982	57311	0.51	cps
Manganese	55-2	2237	2294	2237	2256	1.45	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	500	500	478	8.06	cps
Molybdenum	95-1	708	600	608	639	9.44	cps
Molybdenum	96-1	675	633	683	664	4.04	cps
Molybdenum	97-1	483	475	350	436	17.13	cps
Molybdenum	98-1	1108	1175	950	1078	10.72	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1650	1510	1687	1616	5.77	cps
Phosphorus	31-2	83	67	33	61	41.67	cps
Potassium	39-2	42749	42315	42473	42512	0.52	cps
Rhodium	103-1	4410214	4417912	4356584	4394903	0.76	cps
Rhodium	103-2	1093227	1084923	1082499	1086883	0.52	cps
Scandium	45-1	2380977	2358485	2366082	2368515	0.48	cps
Scandium	45-2	18135	18032	18135	18101	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	68	9	55	44	69.96	cps
Silicon	28-1	685599	678818	679280	681233	0.56	cps
Silver	109-1	525	525	467	506	6.66	cps
Silver	107-1	692	650	500	614	16.42	cps
Sodium	23-2	3578851	3537402	3531595	3549282	0.73	cps
Strontium	86-1	113579	116234	115805	115206	1.24	cps
Strontium	88-1	1018087	1007177	1003353	1009539	0.76	cps
Sulfur	34-1	301492	300474	301315	301094	0.18	cps
Terbium	159-1	6582049	6608328	6488525	6559634	0.96	cps
Terbium	159-2	1149005	1138090	1141525	1142874	0.49	cps
Thallium	203-1	225	250	267	247	8.48	cps
Thallium	205-1	700	633	725	686	6.91	cps
Tin	118-1	1042	1133	1108	1095	4.33	cps
Titanium	47-1	158	275	142	192	37.91	cps
Uranium	238-1	633	717	658	669	6.39	cps
Vanadium	51-2	37	43	70	50	35.28	cps
Yttrium	89-1	5017922	5025268	4995545	5012912	0.31	cps
Yttrium	89-2	144043	143518	141689	143083	0.86	cps
Zinc	66-2	123261	121910	121889	122353	0.64	cps
Zirconium	90-1	350	308	275	311	12.08	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-05	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS05-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:42:32	DataFile Name :	031SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	108	50	75	40.06	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	58	58	14.29	cps
Antimony	121-1	1342	1367	1450	1386	4.09	cps
Arsenic	75-2	17	13	11	14	20.85	cps
Barium	135-1	15093	15752	14901	15248	2.93	cps
Barium	137-1	26728	27070	25993	26597	2.07	cps
Beryllium	9-1	83	156	39	93	63.59	cps
Bismuth	209-1	4483809	4403270	4443575	4443551	0.91	cps
Bismuth	209-2	960808	875080	951263	929050	5.06	cps
Boron	10-1	52723	52606	54329	53219	1.81	cps
Boron	11-1	252596	258911	261348	257618	1.75	cps
Cadmium	111-1	731	619	619	656	9.88	cps
Cadmium	106-1	892	642	708	747	17.33	cps
Cadmium	108-1	38	25	21	28	31.23	cps
Calcium	43-1	175779	171443	172270	173164	1.33	cps
Calcium	44-1	2899618	2893340	2839556	2877505	1.15	cps
Chromium	52-2	327	353	293	324	9.27	cps
Cobalt	59-2	53	30	53	46	29.57	cps
Copper	63-2	3847	3667	3687	3734	2.64	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	17	58	17	31	78.72	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6393472	6364200	6324522	6360731	0.54	cps
Holmium	165-2	1192539	1083808	1191833	1156060	5.41	cps
Indium	115-1	4936997	4832103	4893931	4887677	1.08	cps
Indium	115-2	196216	179561	195033	190270	4.88	cps
Iron	56-2	49421	50397	49466	49761	1.11	cps
Iron	57-2	1222	1322	1222	1256	4.60	cps
Lead	206-1	8703	8570	8486	8587	1.27	cps
Lead	207-1	7363	7597	7475	7478	1.56	cps
Lead	208-1	34503	34019	34308	34277	0.71	cps
Lithium	6-1	614730	611373	610377	612160	0.37	cps
Magnesium	24-2	39748	39832	39021	39534	1.13	cps
Manganese	55-2	320	323	367	337	7.73	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	183	200	228	27.70	cps
Molybdenum	95-1	117	108	133	119	10.66	cps
Molybdenum	96-1	167	175	150	164	7.77	cps
Molybdenum	97-1	108	92	67	89	23.59	cps
Molybdenum	98-1	275	192	242	236	17.76	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1853	1987	1880	1907	3.70	cps
Phosphorus	31-2	217	158	192	189	15.49	cps
Potassium	39-2	38796	40468	39824	39696	2.12	cps
Rhodium	103-1	4435645	4384289	4375801	4398578	0.74	cps
Rhodium	103-2	1088222	980878	1077636	1048912	5.64	cps
Scandium	45-1	2349454	2334379	2346441	2343425	0.34	cps
Scandium	45-2	18476	16343	17835	17551	6.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-3	-32	6	-10	-207.79	cps
Silicon	28-1	437014	433374	436892	435760	0.47	cps
Silver	109-1	350	492	433	425	16.75	cps
Silver	107-1	583	358	492	478	23.68	cps
Sodium	23-2	3305382	3290961	3251927	3282757	0.84	cps
Strontium	86-1	34678	33885	33150	33904	2.26	cps
Strontium	88-1	292236	289320	288843	290133	0.63	cps
Sulfur	34-1	295511	295257	294077	294948	0.26	cps
Terbium	159-1	6591723	6541073	6438319	6523705	1.20	cps
Terbium	159-2	1146566	1039116	1132944	1106209	5.29	cps
Thallium	203-1	167	175	258	200	25.34	cps
Thallium	205-1	467	475	500	481	3.61	cps
Tin	118-1	1142	1208	1292	1214	6.19	cps
Titanium	47-1	317	350	258	308	15.05	cps
Uranium	238-1	275	300	317	297	7.06	cps
Vanadium	51-2	67	77	43	62	27.50	cps
Yttrium	89-1	4974148	4951631	4981893	4969224	0.32	cps
Yttrium	89-2	143079	129392	140812	137761	5.33	cps
Zinc	66-2	19718	19654	19327	19566	1.07	cps
Zirconium	90-1	342	275	267	294	13.96	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-06	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS06-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:45:43	DataFile Name :	032SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	92	108	81	43.07	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : J1147-07 Instrumnet Name : P8
 Client Sample ID : SHIP01-WS07-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 18:48:53 DataFile Name : 033SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	33	33	25.00	cps
Antimony	121-1	1700	1584	1508	1597	6.05	cps
Arsenic	75-2	11	15	11	12	17.31	cps
Barium	135-1	20300	19031	19540	19624	3.25	cps
Barium	137-1	35114	35248	34655	35006	0.89	cps
Beryllium	9-1	83	61	83	76	16.90	cps
Bismuth	209-1	4542417	4502005	4447962	4497461	1.05	cps
Bismuth	209-2	894003	854789	967209	905333	6.30	cps
Boron	10-1	53476	53199	54655	53777	1.44	cps
Boron	11-1	255544	261151	263399	260031	1.56	cps
Cadmium	111-1	628	512	628	589	11.41	cps
Cadmium	106-1	808	642	775	742	11.89	cps
Cadmium	108-1	42	42	21	35	34.65	cps
Calcium	43-1	176443	175383	174413	175413	0.58	cps
Calcium	44-1	2972374	2930076	2910033	2937494	1.08	cps
Chromium	52-2	330	367	350	349	5.26	cps
Cobalt	59-2	60	87	77	74	18.10	cps
Copper	63-2	7342	7395	7512	7417	1.17	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	33	25	58	39	44.61	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6390139	6311981	6390777	6364299	0.71	cps
Holmium	165-2	1106199	1055464	1192021	1117894	6.17	cps
Indium	115-1	4948254	4853407	4881739	4894467	0.99	cps
Indium	115-2	182670	172999	194744	183471	5.94	cps
Iron	56-2	44143	45263	43418	44274	2.10	cps
Iron	57-2	1033	1117	1095	1082	3.99	cps
Lead	206-1	24535	24229	23867	24211	1.38	cps
Lead	207-1	21279	21329	21246	21285	0.20	cps
Lead	208-1	97643	97042	95335	96673	1.24	cps
Lithium	6-1	617427	612120	609416	612988	0.66	cps
Magnesium	24-2	32229	32755	31770	32251	1.53	cps
Manganese	55-2	353	290	267	303	14.78	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-07	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:48:53	DataFile Name :	033SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	258	233	258	9.68	cps
Molybdenum	95-1	117	117	233	156	43.30	cps
Molybdenum	96-1	142	225	167	178	24.05	cps
Molybdenum	97-1	75	133	117	108	27.74	cps
Molybdenum	98-1	217	283	158	219	28.50	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5558	5841	5515	5638	3.15	cps
Phosphorus	31-2	258	225	175	219	19.11	cps
Potassium	39-2	37651	37944	36766	37454	1.64	cps
Rhodium	103-1	4436508	4384025	4332711	4384415	1.18	cps
Rhodium	103-2	1011204	960065	1088263	1019844	6.33	cps
Scandium	45-1	2332732	2332595	2322122	2329150	0.26	cps
Scandium	45-2	16991	15269	18052	16770	8.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	8	59	38	35	72.14	cps
Silicon	28-1	425023	421142	439588	428584	2.27	cps
Silver	109-1	367	467	367	400	14.43	cps
Silver	107-1	483	392	458	444	10.66	cps
Sodium	23-2	3064807	3058186	3049320	3057438	0.25	cps
Strontium	86-1	28990	28823	28773	28862	0.39	cps
Strontium	88-1	251615	249086	247525	249409	0.83	cps
Sulfur	34-1	291599	287036	293881	290839	1.20	cps
Terbium	159-1	6519663	6550141	6485011	6518272	0.50	cps
Terbium	159-2	1065177	1012676	1152494	1076782	6.56	cps
Thallium	203-1	142	167	217	175	21.82	cps
Thallium	205-1	383	492	550	475	17.81	cps
Tin	118-1	1167	1092	1075	1111	4.39	cps
Titanium	47-1	458	317	383	386	18.36	cps
Uranium	238-1	275	267	300	281	6.18	cps
Vanadium	51-2	63	43	63	57	20.38	cps
Yttrium	89-1	4980474	4969341	4993257	4981024	0.24	cps
Yttrium	89-2	133761	125037	142342	133713	6.47	cps
Zinc	66-2	57395	57469	56960	57274	0.48	cps
Zirconium	90-1	417	433	350	400	11.02	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-07	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:48:53	DataFile Name :	033SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	200	83	133	45.07	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	75	83	64	41.93	cps
Antimony	121-1	1725	1792	1750	1756	1.92	cps
Arsenic	75-2	20	7	11	13	51.50	cps
Barium	135-1	26870	26302	26344	26505	1.19	cps
Barium	137-1	46064	45763	43899	45242	2.59	cps
Beryllium	9-1	56	122	100	93	36.66	cps
Bismuth	209-1	4488196	4470461	4469480	4476046	0.24	cps
Bismuth	209-2	974302	985853	960435	973530	1.31	cps
Boron	10-1	52849	54714	55357	54307	2.40	cps
Boron	11-1	260184	263623	267483	263763	1.38	cps
Cadmium	111-1	655	675	656	662	1.65	cps
Cadmium	106-1	858	842	817	839	2.50	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	179896	176125	175214	177078	1.40	cps
Calcium	44-1	2945405	2961787	2937011	2948067	0.43	cps
Chromium	52-2	380	407	363	383	5.70	cps
Cobalt	59-2	93	73	97	88	14.38	cps
Copper	63-2	5081	5398	5271	5250	3.04	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	67	33	39	65.47	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	6327778	6385563	6379469	6364270	0.50	cps
Holmium	165-2	1201220	1225320	1191262	1205934	1.45	cps
Indium	115-1	4946984	4913997	4864564	4908515	0.85	cps
Indium	115-2	197075	200959	195530	197855	1.41	cps
Iron	56-2	80666	81878	82208	81584	0.99	cps
Iron	57-2	2011	2072	2134	2072	2.95	cps
Lead	206-1	11339	10877	11211	11142	2.14	cps
Lead	207-1	9543	9498	9604	9548	0.56	cps
Lead	208-1	44844	43308	44226	44126	1.75	cps
Lithium	6-1	616504	614917	613293	614905	0.26	cps
Magnesium	24-2	31594	32446	32931	32324	2.09	cps
Manganese	55-2	550	467	460	492	10.19	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	342	400	383	9.48	cps
Molybdenum	95-1	175	150	150	158	9.12	cps
Molybdenum	96-1	233	342	267	281	19.78	cps
Molybdenum	97-1	150	142	158	150	5.55	cps
Molybdenum	98-1	242	283	258	261	8.03	cps
Neodymium	150-1	33	27	20	27	25.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	9350	9577	9630	9519	1.56	cps
Phosphorus	31-2	258	233	233	242	5.97	cps
Potassium	39-2	38186	38537	37585	38103	1.26	cps
Rhodium	103-1	4438320	4382267	4374780	4398456	0.79	cps
Rhodium	103-2	1093819	1107937	1082663	1094807	1.16	cps
Scandium	45-1	2333603	2331469	2365416	2343496	0.81	cps
Scandium	45-2	17498	18419	17808	17908	2.62	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-12	51	-35	2	2861.20	cps
Silicon	28-1	423855	424063	419708	422542	0.58	cps
Silver	109-1	283	375	225	294	25.68	cps
Silver	107-1	350	408	525	428	20.83	cps
Sodium	23-2	3079088	3138306	3120055	3112483	0.97	cps
Strontium	86-1	29725	29867	28957	29516	1.66	cps
Strontium	88-1	255740	251699	253496	253645	0.80	cps
Sulfur	34-1	288769	288870	286719	288120	0.42	cps
Terbium	159-1	6590205	6599934	6512798	6567646	0.73	cps
Terbium	159-2	1157664	1181573	1146448	1161895	1.54	cps
Thallium	203-1	200	150	150	167	17.32	cps
Thallium	205-1	467	458	283	403	25.70	cps
Tin	118-1	1167	1200	1175	1181	1.47	cps
Titanium	47-1	475	433	458	456	4.60	cps
Uranium	238-1	242	275	292	269	9.45	cps
Vanadium	51-2	47	40	60	49	20.83	cps
Yttrium	89-1	4975087	4977146	4945715	4965983	0.35	cps
Yttrium	89-2	142828	143527	140695	142350	1.04	cps
Zinc	66-2	32709	33303	33735	33249	1.55	cps
Zirconium	90-1	650	700	617	656	6.40	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-08	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS07-02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:52:04	DataFile Name :	034SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	133	150	161	21.53	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	33	42	20.00	cps
Antimony	121-1	1458	1892	1784	1711	13.18	cps
Arsenic	75-2	11	6	19	12	55.43	cps
Barium	135-1	29760	29768	29526	29684	0.46	cps
Barium	137-1	52020	51100	51075	51398	1.05	cps
Beryllium	9-1	28	128	106	87	60.33	cps
Bismuth	209-1	4661618	4593493	4668582	4641231	0.89	cps
Bismuth	209-2	986866	985507	991466	987946	0.32	cps
Boron	10-1	55809	56738	57776	56774	1.73	cps
Boron	11-1	271312	276879	278147	275446	1.32	cps
Cadmium	111-1	551	527	678	586	13.88	cps
Cadmium	106-1	742	700	917	786	14.63	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	172497	171427	173577	172501	0.62	cps
Calcium	44-1	2932883	2880239	2866301	2893141	1.21	cps
Chromium	52-2	753	687	763	734	5.67	cps
Cobalt	59-2	73	53	73	67	17.32	cps
Copper	63-2	6862	6602	6969	6811	2.77	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	42	0	28	86.60	cps
Erbium	164-2	0	17	13	10	88.20	cps
Gadolinium	160-1	58	42	83	61	34.32	cps
Gadolinium	160-2	13	0	0	4	173.21	cps
Holmium	165-1	6611831	6612183	6628552	6617522	0.14	cps
Holmium	165-2	1228320	1222936	1230742	1227333	0.33	cps
Indium	115-1	5107754	5031599	5047740	5062365	0.79	cps
Indium	115-2	199134	201307	198874	199772	0.67	cps
Iron	56-2	48312	47749	47369	47810	0.99	cps
Iron	57-2	1295	1250	1406	1317	6.09	cps
Lead	206-1	6118	6230	6541	6296	3.48	cps
Lead	207-1	5179	5062	4968	5070	2.09	cps
Lead	208-1	23637	24277	24293	24069	1.55	cps
Lithium	6-1	627965	629013	631195	629391	0.26	cps
Magnesium	24-2	35821	35478	35420	35573	0.61	cps
Manganese	55-2	323	360	320	334	6.64	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	242	183	211	13.86	cps
Molybdenum	95-1	183	242	150	192	24.21	cps
Molybdenum	96-1	292	242	308	281	12.37	cps
Molybdenum	97-1	108	125	158	131	19.50	cps
Molybdenum	98-1	333	425	267	342	23.27	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1763	1667	1767	1732	3.28	cps
Phosphorus	31-2	167	175	192	178	7.16	cps
Potassium	39-2	37660	37493	35563	36905	3.16	cps
Rhodium	103-1	4567979	4556364	4559734	4561359	0.13	cps
Rhodium	103-2	1112835	1113940	1110308	1112361	0.17	cps
Scandium	45-1	2412953	2407609	2407157	2409240	0.13	cps
Scandium	45-2	18386	18169	18119	18224	0.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	39	2	-39	1	5935.98	cps
Silicon	28-1	454354	454119	454942	454472	0.09	cps
Silver	109-1	308	392	417	372	15.24	cps
Silver	107-1	342	392	308	347	12.08	cps
Sodium	23-2	3128588	3128247	3083399	3113411	0.83	cps
Strontium	86-1	32498	32356	32724	32526	0.57	cps
Strontium	88-1	287567	280210	283934	283904	1.30	cps
Sulfur	34-1	293675	296773	294501	294983	0.54	cps
Terbium	159-1	6783554	6757871	6731483	6757636	0.39	cps
Terbium	159-2	1172384	1179509	1174227	1175373	0.31	cps
Thallium	203-1	217	150	208	192	18.95	cps
Thallium	205-1	425	442	500	456	8.64	cps
Tin	118-1	1342	1317	1033	1231	13.92	cps
Titanium	47-1	258	250	308	272	11.59	cps
Uranium	238-1	375	333	417	375	11.11	cps
Vanadium	51-2	27	23	63	38	58.75	cps
Yttrium	89-1	5092908	5162997	5141240	5132382	0.70	cps
Yttrium	89-2	144963	145340	144639	144980	0.24	cps
Zinc	66-2	19617	19798	19731	19715	0.46	cps
Zirconium	90-1	233	342	233	269	23.21	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-09	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS08-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:55:14	DataFile Name :	035SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	125	125	117	12.38	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	225	208	13.86	cps
Antimony	121-1	1875	2292	2109	2092	9.98	cps
Arsenic	75-2	44	37	20	34	36.31	cps
Barium	135-1	105745	104696	104687	105043	0.58	cps
Barium	137-1	184521	183533	181496	183183	0.84	cps
Beryllium	9-1	83	83	94	87	7.37	cps
Bismuth	209-1	4606699	4502455	4542606	4550587	1.16	cps
Bismuth	209-2	977918	975117	972548	975194	0.28	cps
Boron	10-1	78834	80593	81063	80163	1.47	cps
Boron	11-1	385280	385010	400019	390103	2.20	cps
Cadmium	111-1	613	615	637	622	2.11	cps
Cadmium	106-1	825	842	833	833	1.00	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	296789	296503	293399	295564	0.64	cps
Calcium	44-1	4874027	4888812	4812972	4858604	0.83	cps
Chromium	52-2	490	517	433	480	8.87	cps
Cobalt	59-2	80	73	63	72	11.62	cps
Copper	63-2	11842	11702	11255	11599	2.64	cps
Dysprosium	156-1	0	25	33	19	89.22	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	58	33	36	58.08	cps
Erbium	164-2	13	0	0	4	173.21	cps
Gadolinium	160-1	67	50	17	44	57.28	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	6644381	6540713	6532298	6572464	0.95	cps
Holmium	165-2	1221335	1222129	1224267	1222577	0.12	cps
Indium	115-1	5044061	4975900	5030508	5016823	0.72	cps
Indium	115-2	198226	200921	201074	200073	0.80	cps
Iron	56-2	23253	23298	23053	23201	0.56	cps
Iron	57-2	606	633	583	607	4.12	cps
Lead	206-1	7447	7536	7502	7495	0.60	cps
Lead	207-1	6685	6524	6591	6600	1.23	cps
Lead	208-1	30810	29776	29981	30189	1.81	cps
Lithium	6-1	622174	618114	619787	620025	0.33	cps
Magnesium	24-2	113265	114080	114088	113811	0.42	cps
Manganese	55-2	660	530	507	566	14.61	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	383	525	442	16.77	cps
Molybdenum	95-1	525	508	617	550	10.61	cps
Molybdenum	96-1	708	800	717	742	6.83	cps
Molybdenum	97-1	408	425	250	361	26.75	cps
Molybdenum	98-1	925	992	942	953	3.64	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4367	4264	4327	4320	1.21	cps
Phosphorus	31-2	42	67	83	64	32.83	cps
Potassium	39-2	52081	52432	52156	52223	0.35	cps
Rhodium	103-1	4509073	4508651	4478798	4498841	0.39	cps
Rhodium	103-2	1098739	1096497	1095449	1096895	0.15	cps
Scandium	45-1	2415232	2382701	2392475	2396803	0.70	cps
Scandium	45-2	18129	18239	18436	18268	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	81	-29	55	36	160.96	cps
Silicon	28-1	1561047	1514199	1533893	1536380	1.53	cps
Silver	109-1	400	400	383	394	2.44	cps
Silver	107-1	333	458	383	392	16.06	cps
Sodium	23-2	5123513	5148740	5073168	5115140	0.75	cps
Strontium	86-1	169928	169322	166731	168660	1.01	cps
Strontium	88-1	1484936	1516991	1477458	1493128	1.41	cps
Sulfur	34-1	364433	364057	362341	363610	0.31	cps
Terbium	159-1	6744249	6689499	6697970	6710573	0.44	cps
Terbium	159-2	1175370	1175694	1171308	1174124	0.21	cps
Thallium	203-1	225	183	142	183	22.73	cps
Thallium	205-1	458	367	300	375	21.20	cps
Tin	118-1	2000	2000	2184	2061	5.14	cps
Titanium	47-1	242	217	225	228	5.59	cps
Uranium	238-1	1634	1692	1659	1661	1.76	cps
Vanadium	51-2	127	157	147	143	10.66	cps
Yttrium	89-1	5136752	5158889	5141650	5145764	0.23	cps
Yttrium	89-2	144433	146546	144245	145075	0.88	cps
Zinc	66-2	4724	4714	4828	4755	1.32	cps
Zirconium	90-1	400	283	317	333	18.03	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-10	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS09-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 18:58:25	DataFile Name :	036SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	67	67	72	13.33	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	75	100	25.00	cps
Antimony	121-1	1717	1875	1942	1845	6.27	cps
Arsenic	75-2	113	89	102	101	11.90	cps
Barium	135-1	6610	6844	6844	6766	1.99	cps
Barium	137-1	12531	11581	11681	11931	4.38	cps
Beryllium	9-1	56	122	100	93	36.66	cps
Bismuth	209-1	4577745	4666442	4589828	4611338	1.04	cps
Bismuth	209-2	990760	984805	986267	987277	0.31	cps
Boron	10-1	54504	55215	56169	55296	1.51	cps
Boron	11-1	266993	271473	276305	271590	1.71	cps
Cadmium	111-1	655	734	604	664	9.83	cps
Cadmium	106-1	792	875	692	786	11.68	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	172411	173426	171874	172570	0.46	cps
Calcium	44-1	2868097	2856335	2852890	2859107	0.28	cps
Chromium	52-2	297	373	283	318	15.29	cps
Cobalt	59-2	37	57	77	57	35.29	cps
Copper	63-2	140535	140235	139024	139931	0.57	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	17	7	20	14	48.02	cps
Holmium	165-1	6591172	6555553	6535972	6560899	0.43	cps
Holmium	165-2	1226204	1213437	1218575	1219405	0.53	cps
Indium	115-1	5044138	5031835	5003672	5026549	0.41	cps
Indium	115-2	200199	198767	198765	199243	0.42	cps
Iron	56-2	208524	208733	206904	208054	0.48	cps
Iron	57-2	5462	5123	5073	5220	4.06	cps
Lead	206-1	32180	32464	32341	32329	0.44	cps
Lead	207-1	28215	27898	27809	27974	0.76	cps
Lead	208-1	128434	128249	127523	128069	0.38	cps
Lithium	6-1	627124	626506	621386	625005	0.50	cps
Magnesium	24-2	31895	31327	31302	31508	1.06	cps
Manganese	55-2	1753	1697	1750	1733	1.83	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	192	175	172	12.18	cps
Molybdenum	95-1	58	142	183	128	49.81	cps
Molybdenum	96-1	200	183	192	192	4.35	cps
Molybdenum	97-1	142	100	150	131	20.52	cps
Molybdenum	98-1	125	117	267	169	49.75	cps
Neodymium	150-1	47	27	27	33	34.64	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1587	1773	1643	1668	5.74	cps
Phosphorus	31-2	133	167	100	133	25.00	cps
Potassium	39-2	37685	38111	37350	37715	1.01	cps
Rhodium	103-1	4524352	4552836	4490002	4522397	0.70	cps
Rhodium	103-2	1107399	1103013	1109223	1106545	0.29	cps
Scandium	45-1	2391852	2387353	2333688	2370964	1.36	cps
Scandium	45-2	17828	17902	18139	17956	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-68	-43	-23	-45	-51.13	cps
Silicon	28-1	543280	545137	541083	543167	0.37	cps
Silver	109-1	475	608	650	578	15.82	cps
Silver	107-1	558	483	467	503	9.71	cps
Sodium	23-2	3106678	3131714	3088258	3108883	0.70	cps
Strontium	86-1	26468	25917	25617	26001	1.66	cps
Strontium	88-1	232822	227585	226001	228803	1.56	cps
Sulfur	34-1	284675	287628	285436	285913	0.54	cps
Terbium	159-1	6804661	6675248	6657818	6712576	1.20	cps
Terbium	159-2	1175442	1172814	1168399	1172218	0.30	cps
Thallium	203-1	175	117	167	153	20.65	cps
Thallium	205-1	333	375	317	342	8.79	cps
Tin	118-1	3259	3075	2967	3101	4.76	cps
Titanium	47-1	275	317	292	294	7.12	cps
Uranium	238-1	1542	1659	1483	1561	5.71	cps
Vanadium	51-2	173	193	240	202	16.92	cps
Yttrium	89-1	5081705	5043997	5098255	5074652	0.55	cps
Yttrium	89-2	143575	144623	144701	144299	0.44	cps
Zinc	66-2	23570	23711	23694	23658	0.32	cps
Zirconium	90-1	533	308	342	394	30.79	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-11	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS10-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:01:35	DataFile Name :	037SMPL_P8011618MS.

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

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	175	200	172	16.99	cps
Antimony	121-1	13691	14650	14308	14216	3.42	cps
Arsenic	75-2	81	124	100	102	20.97	cps
Barium	135-1	19941	19565	20383	19963	2.05	cps
Barium	137-1	34346	34504	34229	34360	0.40	cps
Beryllium	9-1	78	83	106	89	16.54	cps
Bismuth	209-1	4551994	4555978	4568073	4558682	0.18	cps
Bismuth	209-2	986382	979232	977404	981006	0.48	cps
Boron	10-1	51744	53517	53216	52826	1.80	cps
Boron	11-1	254351	261135	261151	258879	1.51	cps
Cadmium	111-1	1112	912	1010	1011	9.89	cps
Cadmium	106-1	1017	833	867	906	10.78	cps
Cadmium	108-1	71	54	38	54	30.77	cps
Calcium	43-1	175484	175804	172723	174670	0.97	cps
Calcium	44-1	2929981	2895335	2892433	2905916	0.72	cps
Chromium	52-2	450	463	510	474	6.64	cps
Cobalt	59-2	143	193	140	159	18.80	cps
Copper	63-2	538794	534774	531971	535180	0.64	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	75	75	25	58	49.49	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	25	92	42	53	65.74	cps
Gadolinium	160-2	10	0	23	11	105.35	cps
Holmium	165-1	6550339	6471685	6505259	6509094	0.61	cps
Holmium	165-2	1215710	1218293	1213122	1215708	0.21	cps
Indium	115-1	4991638	5004765	4984433	4993612	0.21	cps
Indium	115-2	201037	198634	196734	198802	1.08	cps
Iron	56-2	287698	283812	285897	285802	0.68	cps
Iron	57-2	7280	7447	7814	7513	3.63	cps
Lead	206-1	38241	38398	37684	38108	0.98	cps
Lead	207-1	33099	32849	32124	32691	1.55	cps
Lead	208-1	151599	150968	149374	150647	0.76	cps
Lithium	6-1	620894	618241	618273	619136	0.25	cps
Magnesium	24-2	54363	55392	54756	54837	0.95	cps
Manganese	55-2	3464	3524	3707	3565	3.56	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	292	250	283	10.61	cps
Molybdenum	95-1	292	300	275	289	4.41	cps
Molybdenum	96-1	350	308	400	353	13.01	cps
Molybdenum	97-1	258	283	233	258	9.68	cps
Molybdenum	98-1	308	467	467	414	22.09	cps
Neodymium	150-1	47	7	60	38	73.46	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	2284	2197	2250	2244	1.95	cps
Phosphorus	31-2	8	17	33	19	65.47	cps
Potassium	39-2	41754	41379	42315	41816	1.13	cps
Rhodium	103-1	4518908	4472301	4471932	4487714	0.60	cps
Rhodium	103-2	1100274	1097623	1098932	1098943	0.12	cps
Scandium	45-1	2389351	2362966	2360730	2371016	0.67	cps
Scandium	45-2	17768	17832	17551	17717	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-24	-24	-11	-20	-37.24	cps
Silicon	28-1	1063357	1057723	1057101	1059394	0.33	cps
Silver	109-1	1275	1150	1233	1220	5.22	cps
Silver	107-1	1317	1400	1467	1395	5.39	cps
Sodium	23-2	3574214	3538217	3518981	3543804	0.79	cps
Strontium	86-1	52778	53523	52360	52887	1.11	cps
Strontium	88-1	455850	452739	449080	452556	0.75	cps
Sulfur	34-1	304969	302226	301878	303024	0.56	cps
Terbium	159-1	6728555	6652211	6669445	6683404	0.60	cps
Terbium	159-2	1174874	1164738	1163501	1167705	0.53	cps
Thallium	203-1	308	283	308	300	4.81	cps
Thallium	205-1	892	767	800	820	7.90	cps
Tin	118-1	3242	3367	3226	3278	2.36	cps
Titanium	47-1	217	158	158	178	18.95	cps
Uranium	238-1	3317	3126	3442	3295	4.84	cps
Vanadium	51-2	177	183	167	176	4.78	cps
Yttrium	89-1	5113286	5055720	5038060	5069022	0.78	cps
Yttrium	89-2	145397	142184	143446	143676	1.13	cps
Zinc	66-2	50916	50555	50124	50532	0.79	cps
Zirconium	90-1	492	217	308	339	41.32	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-12	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS11-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:04:45	DataFile Name :	038SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	83	92	100	22.05	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	25	47	44.41	cps
Antimony	121-1	1859	1892	1992	1914	3.63	cps
Arsenic	75-2	28	44	59	44	35.93	cps
Barium	135-1	6218	6127	6544	6296	3.48	cps
Barium	137-1	11689	11022	10763	11158	4.28	cps
Beryllium	9-1	56	106	33	65	57.07	cps
Bismuth	209-1	4602585	4566359	4576598	4581847	0.41	cps
Bismuth	209-2	982481	972519	980618	978539	0.54	cps
Boron	10-1	53784	53509	55174	54156	1.65	cps
Boron	11-1	258181	265956	266906	263681	1.82	cps
Cadmium	111-1	569	601	679	616	9.17	cps
Cadmium	106-1	792	867	917	858	7.33	cps
Cadmium	108-1	21	38	13	24	53.92	cps
Calcium	43-1	173339	171847	168813	171333	1.35	cps
Calcium	44-1	2875818	2864211	2831810	2857280	0.80	cps
Chromium	52-2	343	327	340	337	2.62	cps
Cobalt	59-2	40	43	47	43	7.70	cps
Copper	63-2	78477	76921	76724	77374	1.24	cps
Dysprosium	156-1	58	17	25	33	66.14	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	0	17	0	6	173.21	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	6538469	6530417	6482884	6517257	0.46	cps
Holmium	165-2	1218782	1203394	1206668	1209615	0.67	cps
Indium	115-1	5013163	4999983	4935549	4982898	0.83	cps
Indium	115-2	198241	196254	198061	197519	0.56	cps
Iron	56-2	219872	222541	217488	219967	1.15	cps
Iron	57-2	5562	5346	5412	5440	2.04	cps
Lead	206-1	5185	4695	4751	4877	5.49	cps
Lead	207-1	4229	4062	4156	4149	2.01	cps
Lead	208-1	19590	18456	18773	18939	3.09	cps
Lithium	6-1	618503	625041	616941	620162	0.69	cps
Magnesium	24-2	31761	30425	31336	31174	2.19	cps
Manganese	55-2	1520	1533	1530	1528	0.45	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	225	92	186	44.18	cps
Molybdenum	95-1	117	83	100	100	16.66	cps
Molybdenum	96-1	100	175	208	161	34.44	cps
Molybdenum	97-1	67	75	83	75	11.11	cps
Molybdenum	98-1	133	150	158	147	8.65	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	7759	8049	8039	7949	2.07	cps
Phosphorus	31-2	175	75	117	122	41.10	cps
Potassium	39-2	37409	36064	38086	37186	2.77	cps
Rhodium	103-1	4515980	4451967	4409709	4459219	1.20	cps
Rhodium	103-2	1103847	1092810	1097025	1097894	0.51	cps
Scandium	45-1	2344290	2349454	2335660	2343134	0.30	cps
Scandium	45-2	17618	17765	17328	17570	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	0	2	4	132.32	cps
Selenium	82-1	44	54	-9	30	114.97	cps
Silicon	28-1	394653	391055	386523	390743	1.04	cps
Silver	109-1	333	292	400	342	15.99	cps
Silver	107-1	233	283	350	289	20.26	cps
Sodium	23-2	3069985	3040306	3042461	3050917	0.54	cps
Strontium	86-1	25208	25566	25475	25416	0.73	cps
Strontium	88-1	219450	220834	218871	219718	0.46	cps
Sulfur	34-1	284570	279987	286020	283526	1.11	cps
Terbium	159-1	6675237	6629565	6612168	6638990	0.49	cps
Terbium	159-2	1169877	1155986	1156778	1160880	0.67	cps
Thallium	203-1	150	75	142	122	33.64	cps
Thallium	205-1	350	258	225	278	23.30	cps
Tin	118-1	1475	1325	1525	1442	7.22	cps
Titanium	47-1	776	200	308	428	71.52	cps
Uranium	238-1	2059	2200	2125	2128	3.33	cps
Vanadium	51-2	100	110	80	97	15.80	cps
Yttrium	89-1	5063855	5072210	5033193	5056420	0.41	cps
Yttrium	89-2	143675	139857	141601	141711	1.35	cps
Zinc	66-2	22776	22405	22779	22653	0.95	cps
Zirconium	90-1	317	267	375	319	16.97	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-13	Instrumnet Name :	P8
Client Sample ID :	SHIP01-WS12-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:07:56	DataFile Name :	039SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	33	75	69	48.50	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	1992	1892	1659	1847	9.26	cps
Arsenic	75-2	4	0	6	3	91.69	cps
Barium	135-1	1300	1333	1283	1306	1.95	cps
Barium	137-1	2317	2442	2484	2414	3.59	cps
Beryllium	9-1	39	67	106	70	47.59	cps
Bismuth	209-1	4618109	4614373	4537995	4590159	0.99	cps
Bismuth	209-2	985380	982387	980930	982899	0.23	cps
Boron	10-1	53149	53668	53953	53590	0.76	cps
Boron	11-1	252901	257633	264113	258216	2.18	cps
Cadmium	111-1	562	403	580	515	18.95	cps
Cadmium	106-1	758	558	808	708	18.68	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	187198	183222	184522	184980	1.10	cps
Calcium	44-1	3066201	3064371	3052350	3060974	0.25	cps
Chromium	52-2	570	580	587	579	1.45	cps
Cobalt	59-2	30	57	50	46	30.47	cps
Copper	63-2	1453	1503	1530	1496	2.60	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	6548304	6537292	6509571	6531722	0.31	cps
Holmium	165-2	1215632	1210506	1204458	1210198	0.46	cps
Indium	115-1	5028389	5001925	5023613	5017976	0.28	cps
Indium	115-2	199773	198847	196779	198467	0.77	cps
Iron	56-2	208005	207370	206139	207171	0.46	cps
Iron	57-2	5290	5612	5435	5446	2.97	cps
Lead	206-1	1689	1800	1778	1756	3.35	cps
Lead	207-1	1483	1461	1461	1469	0.87	cps
Lead	208-1	6718	6873	6695	6762	1.43	cps
Lithium	6-1	626482	620186	617009	621226	0.78	cps
Magnesium	24-2	27686	27452	27503	27547	0.45	cps
Manganese	55-2	1023	933	930	962	5.50	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	150	150	158	9.12	cps
Molybdenum	95-1	100	83	117	100	16.66	cps
Molybdenum	96-1	100	150	233	161	41.81	cps
Molybdenum	97-1	100	67	117	94	26.96	cps
Molybdenum	98-1	150	175	150	158	9.12	cps
Neodymium	150-1	53	13	20	29	74.20	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	883	897	940	907	3.27	cps
Phosphorus	31-2	100	100	150	117	24.74	cps
Potassium	39-2	36273	35470	35036	35593	1.76	cps
Rhodium	103-1	4518518	4453020	4474965	4482168	0.74	cps
Rhodium	103-2	1095982	1102015	1087751	1095249	0.65	cps
Scandium	45-1	2354251	2330180	2333611	2339347	0.56	cps
Scandium	45-2	17561	17524	17117	17401	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-72	-73	-15	-53	-61.91	cps
Silicon	28-1	327041	328833	324626	326833	0.65	cps
Silver	109-1	183	225	208	206	10.20	cps
Silver	107-1	158	208	225	197	17.59	cps
Sodium	23-2	2870037	2861608	2888858	2873501	0.49	cps
Strontium	86-1	24206	24156	23922	24094	0.63	cps
Strontium	88-1	208047	207735	203936	206573	1.11	cps
Sulfur	34-1	278333	277552	275180	277022	0.59	cps
Terbium	159-1	6651267	6737557	6604706	6664510	1.01	cps
Terbium	159-2	1166902	1160226	1158500	1161876	0.38	cps
Thallium	203-1	167	150	158	158	5.26	cps
Thallium	205-1	300	267	258	275	8.02	cps
Tin	118-1	1042	883	1083	1003	10.52	cps
Titanium	47-1	283	175	292	250	26.04	cps
Uranium	238-1	358	417	417	397	8.48	cps
Vanadium	51-2	37	20	23	27	33.08	cps
Yttrium	89-1	5056899	5054021	5059808	5056909	0.06	cps
Yttrium	89-2	142996	143602	141430	142676	0.79	cps
Zinc	66-2	13503	13423	13160	13362	1.35	cps
Zirconium	90-1	233	242	283	253	10.60	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:11:06	DataFile Name :	040SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	33	89	54.94	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	2159	1967	1892	2006	6.86	cps
Arsenic	75-2	7	9	2	6	62.47	cps
Barium	135-1	1458	1458	1325	1414	5.45	cps
Barium	137-1	2550	2459	2284	2431	5.58	cps
Beryllium	9-1	89	94	50	78	31.14	cps
Bismuth	209-1	4605966	4618275	4592382	4605541	0.28	cps
Bismuth	209-2	984261	983704	979844	982603	0.24	cps
Boron	10-1	52606	53400	53174	53060	0.77	cps
Boron	11-1	257962	258023	259081	258355	0.24	cps
Cadmium	111-1	560	659	645	621	8.58	cps
Cadmium	106-1	783	908	892	861	7.88	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	187249	181720	185407	184792	1.52	cps
Calcium	44-1	3057980	3038187	2998195	3031454	1.00	cps
Chromium	52-2	640	633	577	617	5.64	cps
Cobalt	59-2	30	37	30	32	11.95	cps
Copper	63-2	1463	1493	1517	1491	1.79	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	67	25	50	44.10	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6544684	6466878	6534322	6515295	0.65	cps
Holmium	165-2	1217596	1218094	1212963	1216218	0.23	cps
Indium	115-1	4958451	4971773	4936664	4955629	0.36	cps
Indium	115-2	198632	197490	195826	197316	0.72	cps
Iron	56-2	204701	202910	204820	204144	0.52	cps
Iron	57-2	5001	5307	4895	5068	4.21	cps
Lead	206-1	1645	1606	1600	1617	1.50	cps
Lead	207-1	1417	1350	1433	1400	3.15	cps
Lead	208-1	6306	6101	6367	6258	2.23	cps
Lithium	6-1	618470	618947	617008	618142	0.16	cps
Magnesium	24-2	27519	28070	26868	27486	2.19	cps
Manganese	55-2	1057	980	917	984	7.12	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	192	158	186	13.68	cps
Molybdenum	95-1	133	108	58	100	38.19	cps
Molybdenum	96-1	117	158	108	128	20.96	cps
Molybdenum	97-1	125	75	100	100	25.00	cps
Molybdenum	98-1	183	225	192	200	11.03	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	960	953	850	921	6.70	cps
Phosphorus	31-2	92	75	83	83	10.00	cps
Potassium	39-2	35562	34936	35011	35170	0.97	cps
Rhodium	103-1	4486601	4452230	4460349	4466393	0.40	cps
Rhodium	103-2	1096950	1095816	1093273	1095346	0.17	cps
Scandium	45-1	2332117	2298657	2316258	2315677	0.72	cps
Scandium	45-2	17137	17281	17575	17331	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-26	11	-18	-11	-174.52	cps
Silicon	28-1	327923	324841	323342	325369	0.72	cps
Silver	109-1	225	217	258	233	9.45	cps
Silver	107-1	283	258	317	286	10.23	cps
Sodium	23-2	2878044	2849750	2828396	2852063	0.87	cps
Strontium	86-1	23797	24189	23421	23802	1.61	cps
Strontium	88-1	205644	207464	206294	206468	0.45	cps
Sulfur	34-1	278094	277459	276624	277392	0.27	cps
Terbium	159-1	6706353	6646040	6566973	6639789	1.05	cps
Terbium	159-2	1158741	1166012	1158947	1161233	0.36	cps
Thallium	203-1	108	100	108	106	4.56	cps
Thallium	205-1	292	233	292	272	12.37	cps
Tin	118-1	1142	983	950	1025	9.99	cps
Titanium	47-1	158	275	283	239	29.26	cps
Uranium	238-1	475	325	383	394	19.17	cps
Vanadium	51-2	27	20	20	22	17.33	cps
Yttrium	89-1	5056779	5010217	4978236	5015077	0.79	cps
Yttrium	89-2	141220	141796	141399	141472	0.21	cps
Zinc	66-2	12956	12993	12826	12925	0.68	cps
Zirconium	90-1	317	342	242	300	17.35	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-15	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:14:17	DataFile Name :	041SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	100	33	58	62.27	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	167	225	325	239	33.52	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	383	208	333	308	29.23	cps
Barium	137-1	417	517	492	475	10.96	cps
Beryllium	9-1	50	44	44	46	6.92	cps
Bismuth	209-1	4280025	4200621	4217717	4232788	0.99	cps
Bismuth	209-2	922333	910306	909388	914009	0.79	cps
Boron	10-1	13565	13282	12873	13240	2.63	cps
Boron	11-1	64856	65099	64077	64677	0.83	cps
Cadmium	111-1	408	518	481	469	11.98	cps
Cadmium	106-1	583	717	650	650	10.26	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	32589	33449	32973	33004	1.31	cps
Calcium	44-1	531648	536287	537304	535080	0.56	cps
Chromium	52-2	283	223	270	259	12.17	cps
Cobalt	59-2	23	43	50	39	35.69	cps
Copper	63-2	393	440	517	450	13.84	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	25	8	31	83.33	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	25	67	17	36	74.18	cps
Gadolinium	160-2	17	0	3	7	132.33	cps
Holmium	165-1	5985411	5917329	5893161	5931967	0.81	cps
Holmium	165-2	1119095	1121444	1121528	1120689	0.12	cps
Indium	115-1	4546214	4601314	4556797	4568108	0.64	cps
Indium	115-2	182986	181859	181901	182249	0.35	cps
Iron	56-2	38348	38342	37122	37937	1.86	cps
Iron	57-2	922	978	1067	989	7.37	cps
Lead	206-1	589	622	544	585	6.67	cps
Lead	207-1	533	594	472	533	11.46	cps
Lead	208-1	2195	2356	2183	2245	4.29	cps
Lithium	6-1	566809	567014	563096	565640	0.39	cps
Magnesium	24-2	5243	5285	5084	5204	2.03	cps
Manganese	55-2	160	247	240	216	22.37	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	108	100	108	7.69	cps
Molybdenum	95-1	42	50	33	42	20.00	cps
Molybdenum	96-1	50	42	83	58	37.80	cps
Molybdenum	97-1	50	42	50	47	10.18	cps
Molybdenum	98-1	50	33	42	42	20.00	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	757	817	803	792	3.98	cps
Phosphorus	31-2	33	0	25	19	89.21	cps
Potassium	39-2	7836	7527	7652	7672	2.02	cps
Rhodium	103-1	4141682	4100130	4126339	4122717	0.51	cps
Rhodium	103-2	1019082	1021766	1013595	1018148	0.41	cps
Scandium	45-1	2122620	2097508	2118352	2112827	0.64	cps
Scandium	45-2	16487	16240	16056	16261	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-14	13	-6	-2	-626.82	cps
Silicon	28-1	290930	289741	288153	289608	0.48	cps
Silver	109-1	58	142	133	111	41.30	cps
Silver	107-1	117	100	175	131	30.17	cps
Sodium	23-2	508323	498721	502649	503231	0.96	cps
Strontium	86-1	4476	4526	4501	4501	0.56	cps
Strontium	88-1	36784	35848	36124	36252	1.33	cps
Sulfur	34-1	272157	272283	272944	272462	0.16	cps
Terbium	159-1	6072423	6100373	6112010	6094935	0.33	cps
Terbium	159-2	1079391	1077463	1078469	1078441	0.09	cps
Thallium	203-1	150	92	75	106	37.31	cps
Thallium	205-1	250	183	250	228	16.90	cps
Tin	118-1	392	608	600	533	23.02	cps
Titanium	47-1	75	92	175	114	47.04	cps
Uranium	238-1	92	117	92	100	14.43	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	4601627	4576731	4609822	4596060	0.37	cps
Yttrium	89-2	132710	129836	131408	131318	1.10	cps
Zinc	66-2	2304	2384	2497	2395	4.06	cps
Zirconium	90-1	275	158	258	231	27.37	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-14LX5	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-16 19:17:28	DataFile Name :	042SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	50	67	78	44.61	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-16	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:20:39	DataFile Name :	043SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7436	7627	7486	7516	1.32	cps
Antimony	121-1	827575	823894	821047	824172	0.40	cps
Arsenic	75-2	2928	3004	3063	2999	2.26	cps
Barium	135-1	3607762	3587138	3516779	3570560	1.34	cps
Barium	137-1	6245124	6193164	6151429	6196572	0.76	cps
Beryllium	9-1	37471	35517	36764	36584	2.71	cps
Bismuth	209-1	4554796	4531563	4465141	4517167	1.03	cps
Bismuth	209-2	964744	960220	948585	957850	0.87	cps
Boron	10-1	49770	49754	51551	50359	2.05	cps
Boron	11-1	238948	243481	245720	242717	1.42	cps
Cadmium	111-1	86677	85372	84996	85682	1.03	cps
Cadmium	106-1	8069	8036	8595	8233	3.81	cps
Cadmium	108-1	5697	5564	5635	5632	1.18	cps
Calcium	43-1	181533	176833	176513	178293	1.58	cps
Calcium	44-1	2996658	2870541	2908504	2925234	2.21	cps
Chromium	52-2	113202	113260	112242	112901	0.51	cps
Cobalt	59-2	637526	628806	626136	630823	0.94	cps
Copper	63-2	283032	282424	282022	282493	0.18	cps
Dysprosium	156-1	25	25	67	39	61.86	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	6499616	6417981	6410017	6442538	0.77	cps
Holmium	165-2	1191278	1177549	1166963	1178597	1.03	cps
Indium	115-1	4977363	4905644	4846170	4909726	1.34	cps
Indium	115-2	191188	188991	188205	189461	0.82	cps
Iron	56-2	581582	582400	572703	578895	0.93	cps
Iron	57-2	14347	14497	14124	14322	1.31	cps
Lead	206-1	120017	116994	117226	118079	1.42	cps
Lead	207-1	107154	106325	104791	106090	1.13	cps
Lead	208-1	485466	478518	476273	480086	1.00	cps
Lithium	6-1	616603	608277	608269	611050	0.79	cps
Magnesium	24-2	26868	25774	25891	26178	2.29	cps
Manganese	55-2	82589	81194	80202	81328	1.47	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : J1147-16 Instrumnet Name : P8
 Client Sample ID : P001-WS01-01S Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 19:20:39 DataFile Name : 043SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	167	250	208	20.00	cps
Molybdenum	95-1	158	150	208	172	18.32	cps
Molybdenum	96-1	250	217	250	239	8.06	cps
Molybdenum	97-1	75	200	125	133	47.19	cps
Molybdenum	98-1	267	400	250	306	26.91	cps
Neodymium	150-1	93	127	100	107	16.53	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	186341	184261	186642	185748	0.70	cps
Phosphorus	31-2	92	108	92	97	9.90	cps
Potassium	39-2	33516	32037	33032	32862	2.29	cps
Rhodium	103-1	4409719	4342073	4356615	4369469	0.81	cps
Rhodium	103-2	1056965	1057902	1045115	1053327	0.68	cps
Scandium	45-1	2291119	2261628	2261005	2271251	0.76	cps
Scandium	45-2	16927	16537	16714	16726	1.17	cps
Selenium	77-2	23	60	40	41	44.66	cps
Selenium	78-2	183	178	191	184	3.53	cps
Selenium	82-1	10149	10030	10101	10094	0.59	cps
Silicon	28-1	317317	315672	317793	316927	0.35	cps
Silver	109-1	378000	375729	371691	375140	0.85	cps
Silver	107-1	398318	391301	393058	394226	0.93	cps
Sodium	23-2	2727625	2703753	2683962	2705113	0.81	cps
Strontium	86-1	23029	23304	22645	22992	1.44	cps
Strontium	88-1	203607	198567	199343	200506	1.35	cps
Sulfur	34-1	268744	263292	261451	264495	1.43	cps
Terbium	159-1	6708881	6544739	6475998	6576539	1.82	cps
Terbium	159-2	1138575	1133588	1124186	1132116	0.65	cps
Thallium	203-1	363375	360193	358128	360566	0.73	cps
Thallium	205-1	866278	861675	858561	862171	0.45	cps
Tin	118-1	1167	1125	1050	1114	5.31	cps
Titanium	47-1	283	200	150	211	31.91	cps
Uranium	238-1	367	408	400	392	5.63	cps
Vanadium	51-2	213294	212137	209116	211516	1.02	cps
Yttrium	89-1	4960596	4896244	4850790	4902543	1.13	cps
Yttrium	89-2	136382	135848	134171	135467	0.85	cps
Zinc	66-2	63689	63387	62436	63171	1.03	cps
Zirconium	90-1	308	533	325	389	32.24	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	J1147-16	Instrumnet Name :	P8
Client Sample ID :	P001-WS01-01S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:20:39	DataFile Name :	043SMPL_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	117	125	125	6.67	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166389	167116	165950	166485	0.35	cps
Antimony	121-1	3469236	3464883	3461304	3465141	0.11	cps
Arsenic	75-2	31903	32429	31866	32066	0.98	cps
Barium	135-1	3802190	3777990	3756310	3778830	0.61	cps
Barium	137-1	6579028	6554086	6480571	6537895	0.78	cps
Beryllium	9-1	299138	300260	298793	299397	0.26	cps
Bismuth	209-1	3903883	3917810	3921145	3914279	0.23	cps
Bismuth	209-2	848052	842309	843835	844732	0.35	cps
Boron	10-1	38101	39054	38620	38592	1.24	cps
Boron	11-1	179317	182650	184682	182216	1.49	cps
Cadmium	111-1	690532	688148	685648	688110	0.35	cps
Cadmium	106-1	70669	69312	69673	69885	1.01	cps
Cadmium	108-1	48437	48784	48470	48564	0.39	cps
Calcium	43-1	2953056	2939316	2933509	2941960	0.34	cps
Calcium	44-1	47262779	47842575	47269732	47458362	0.70	cps
Chromium	52-2	239567	239728	239928	239741	0.08	cps
Cobalt	59-2	518824	514005	517073	516634	0.47	cps
Copper	63-2	885025	879198	885408	883210	0.39	cps
Dysprosium	156-1	108	8	50	56	90.42	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	33	42	53	50.76	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5729287	5689972	5746371	5721877	0.51	cps
Holmium	165-2	1099383	1093262	1086920	1093188	0.57	cps
Indium	115-1	4186072	4193083	4156815	4178657	0.46	cps
Indium	115-2	167632	166771	166044	166816	0.48	cps
Iron	56-2	39732927	39468755	39650884	39617522	0.34	cps
Iron	57-2	991248	989741	993910	991633	0.21	cps
Lead	206-1	2518687	2531723	2478737	2509716	1.10	cps
Lead	207-1	2333739	2337143	2314185	2328356	0.53	cps
Lead	208-1	10298439	10373839	10230538	10300939	0.70	cps
Lithium	6-1	519276	524766	525210	523084	0.63	cps
Magnesium	24-2	3956873	4008209	3976718	3980600	0.65	cps
Manganese	55-2	137970	135642	136758	136790	0.85	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5581594	5641246	5528400	5583747	1.01	cps
Molybdenum	95-1	6897096	6850707	6848253	6865352	0.40	cps
Molybdenum	96-1	7597092	7671726	7672436	7647085	0.57	cps
Molybdenum	97-1	4230297	4325590	4262662	4272850	1.13	cps
Molybdenum	98-1	10983310	10859681	10911825	10918272	0.57	cps
Neodymium	150-1	207	173	193	191	8.78	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	151607	150011	150139	150585	0.59	cps
Phosphorus	31-2	2300	2384	2059	2248	7.51	cps
Potassium	39-2	1138160	1138843	1124910	1133971	0.69	cps
Rhodium	103-1	3704170	3695051	3695451	3698224	0.14	cps
Rhodium	103-2	916187	913785	916693	915555	0.17	cps
Scandium	45-1	1988316	2012106	2001487	2000636	0.60	cps
Scandium	45-2	15295	15165	14851	15104	1.51	cps
Selenium	77-2	233	173	227	211	15.58	cps
Selenium	78-2	719	722	743	728	1.78	cps
Selenium	82-1	40709	40872	41578	41053	1.13	cps
Silicon	28-1	1255187	1272842	1280655	1269561	1.03	cps
Silver	109-1	3281898	3309357	3264462	3285239	0.69	cps
Silver	107-1	3374465	3417713	3385908	3392695	0.66	cps
Sodium	23-2	9095445	9058255	9056248	9069982	0.24	cps
Strontium	86-1	875987	875931	870873	874264	0.34	cps
Strontium	88-1	7733937	7695063	7654837	7694612	0.51	cps
Sulfur	34-1	404762	404903	402887	404184	0.28	cps
Terbium	159-1	5915917	5827046	5875570	5872844	0.76	cps
Terbium	159-2	1039694	1041327	1039179	1040067	0.11	cps
Thallium	203-1	3089871	3060269	3094428	3081523	0.60	cps
Thallium	205-1	7184434	7215254	7248361	7216016	0.44	cps
Tin	118-1	2382867	2388599	2388209	2386558	0.13	cps
Titanium	47-1	1514343	1507169	1519245	1513585	0.40	cps
Uranium	238-1	10761644	10699829	10672336	10711270	0.43	cps
Vanadium	51-2	179881	178768	181067	179906	0.64	cps
Yttrium	89-1	4320882	4376109	4389092	4362028	0.83	cps
Yttrium	89-2	123838	123293	123579	123570	0.22	cps
Zinc	66-2	81870	81833	80820	81508	0.73	cps
Zirconium	90-1	4708031	4704877	4695482	4702797	0.14	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P8
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:23:49	DataFile Name :	044CCV_P8011618MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1013631	1019666	1011539	1014945	0.42	cps

LB Number : LB92655 Operator : Jaswal
 Lab Sample ID : CCB023 Instrumnet Name : P8
 Client Sample ID : CCB023 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-16 19:27:16 DataFile Name : 045CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	0	19	89.22	cps
Antimony	121-1	1267	1300	1325	1297	2.26	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	0	17	75	31	128.88	cps
Barium	137-1	42	92	25	53	65.74	cps
Beryllium	9-1	283	228	233	248	12.33	cps
Bismuth	209-1	4087934	4128535	4067149	4094539	0.76	cps
Bismuth	209-2	892209	894809	895901	894306	0.21	cps
Boron	10-1	2859	3267	2950	3025	7.08	cps
Boron	11-1	15684	14383	14508	14858	4.83	cps
Cadmium	111-1	599	647	487	578	14.18	cps
Cadmium	106-1	725	833	617	725	14.94	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Calcium	43-1	600	483	450	511	15.41	cps
Calcium	44-1	11864	11597	10955	11472	4.07	cps
Chromium	52-2	223	217	297	246	18.08	cps
Cobalt	59-2	63	63	60	62	3.09	cps
Copper	63-2	250	303	273	276	9.70	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	17	33	19	65.47	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5699124	5713458	5760792	5724458	0.56	cps
Holmium	165-2	1094519	1097406	1086958	1092961	0.49	cps
Indium	115-1	4386655	4414089	4409803	4403516	0.34	cps
Indium	115-2	177098	178098	177512	177570	0.28	cps
Iron	56-2	2334	2289	2256	2293	1.70	cps
Iron	57-2	50	72	78	67	22.05	cps
Lead	206-1	611	561	722	632	13.06	cps
Lead	207-1	528	628	589	582	8.67	cps
Lead	208-1	2650	2789	2722	2721	2.55	cps
Lithium	6-1	549108	554108	551322	551513	0.45	cps
Magnesium	24-2	300	292	283	292	2.86	cps
Manganese	55-2	13	40	17	23	62.27	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P8
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:27:16	DataFile Name :	045CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	300	333	328	7.77	cps
Molybdenum	95-1	333	242	383	319	22.49	cps
Molybdenum	96-1	367	450	342	386	14.69	cps
Molybdenum	97-1	150	175	233	186	22.98	cps
Molybdenum	98-1	600	333	475	469	28.42	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	550	607	613	590	5.90	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	1950	1917	1950	1939	0.99	cps
Rhodium	103-1	3971818	3962572	3972755	3969049	0.14	cps
Rhodium	103-2	983443	983776	983906	983708	0.02	cps
Scandium	45-1	2055656	2035332	2056347	2049112	0.58	cps
Scandium	45-2	15375	15415	14881	15224	1.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-21	-50	-12	-27	-72.17	cps
Silicon	28-1	284036	273814	274393	277414	2.07	cps
Silver	109-1	133	175	208	172	21.82	cps
Silver	107-1	175	150	175	167	8.66	cps
Sodium	23-2	10179	10371	9812	10121	2.81	cps
Strontium	86-1	483	350	417	417	16.00	cps
Strontium	88-1	150	108	108	122	19.68	cps
Sulfur	34-1	254212	250898	253034	252715	0.66	cps
Terbium	159-1	5861904	5828402	5846763	5845690	0.29	cps
Terbium	159-2	1051855	1055136	1049947	1052313	0.25	cps
Thallium	203-1	708	733	608	683	9.68	cps
Thallium	205-1	1959	1600	1533	1697	13.47	cps
Tin	118-1	683	633	775	697	10.31	cps
Titanium	47-1	42	108	67	72	46.63	cps
Uranium	238-1	92	83	100	92	9.09	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	4415376	4415706	4453174	4428085	0.49	cps
Yttrium	89-2	126422	126643	128097	127054	0.72	cps
Zinc	66-2	30	33	33	32	5.97	cps
Zirconium	90-1	342	408	350	367	9.91	cps

LB Number :	LB92655	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P8
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired ::	2018-01-16 19:27:16	DataFile Name :	045CCBE_P8011618MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	50	117	100	44.10	cps