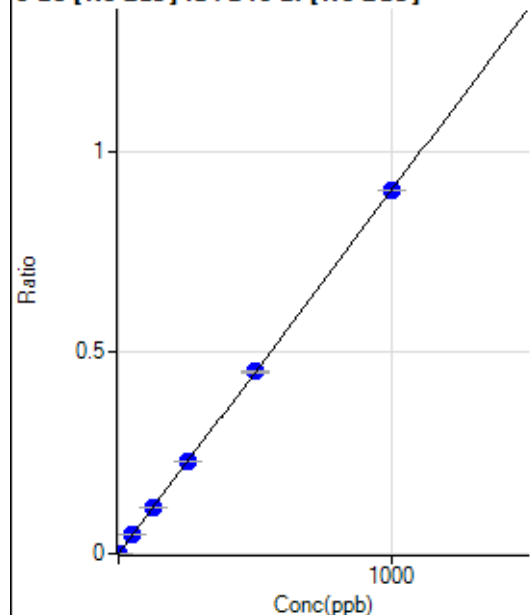


Batch Folder: D:\ICP-MS Data\P7070117-MS .b\
Analysis File: P7070117-MS .batch.bin
DA Date-Time: 2017-07-01 14:00:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7070117-MS.D	S00	2017-07-01 11:55:21
2			
3	005CAL5 P7070117-MS.D	S02	2017-07-01 12:03:09
4	006CAL5 P7070117-MS.D	S03	2017-07-01 12:06:56
5	007CAL5 P7070117-MS.D	S04	2017-07-01 12:10:43
6	008CAL5 P7070117-MS.D	S05	2017-07-01 12:14:26
7	009CAL5 P7070117-MS.D	S06	2017-07-01 12:18:04
8	010CAL5 P7070117-MS.D	S07	2017-07-01 12:21:39
9	011CAL5 P7070117-MS.D	S08	2017-07-01 12:25:10

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.74	0.0001	P	21.3
2	☐	0.100					
3	☐	1.000	0.923	1559.38	0.0009	P	0.6
4	☐	50.000	50.752	79222.62	0.0458	P	0.7
5	☐	125.000	127.198	197199.70	0.1148	P	0.4
6	☐	250.000	252.601	385210.21	0.2279	P	0.1
7	☐	500.000	500.697	751000.60	0.4516	P	0.8
8	☐	1000.000	998.689	1477732.67	0.9008	P	0.2
9	☐			1294.54	0.0008	P	16.4

$$y = 9.0189\text{E-}004 * x + 5.0853\text{E-}005$$

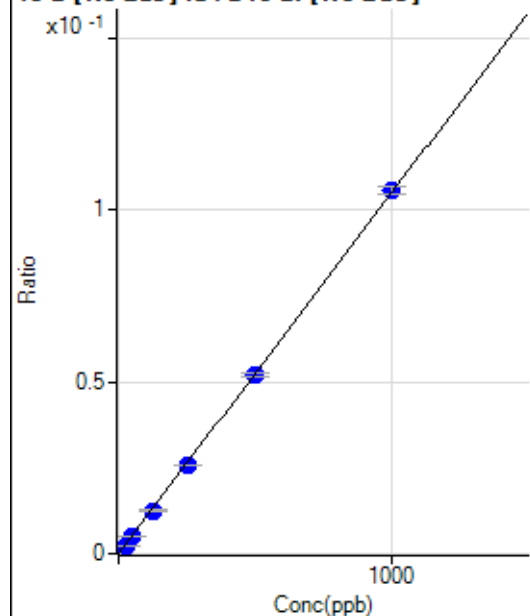
$$R = 1.0000$$

$$DL = 0.03609$$

$$BEC = 0.05639$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	31.0
2	☐	2.500					
3	☐	25.000	21.641	4122.99	0.0023	P	2.2
4	☐	50.000	47.945	8808.47	0.0051	P	0.7
5	☐	125.000	118.283	21432.52	0.0125	P	2.2
6	☐	250.000	243.188	43237.68	0.0256	P	1.0
7	☐	500.000	494.857	86438.40	0.0520	P	1.5
8	☐	1000.000	1005.301	173122.77	0.1055	P	2.2
9	☐			10251.10	0.0063	P	6.2

$$y = 1.0490\text{E-}004 * x + 6.5385\text{E-}005$$

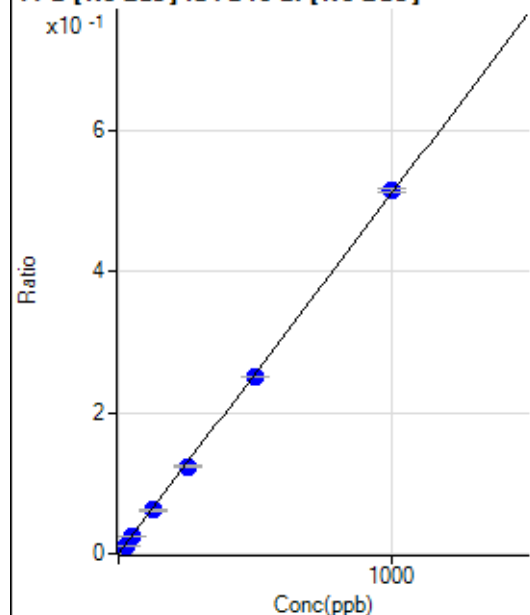
$$R = 1.0000$$

$$DL = 0.5795$$

$$BEC = 0.6233$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	597.26	0.0003	P	7.2
2	☐	2.500					
3	☐	25.000	20.886	19424.35	0.0110	P	4.1
4	☐	50.000	47.050	42137.33	0.0244	P	1.6
5	☐	125.000	120.138	106039.48	0.0617	P	2.7
6	☐	250.000	242.049	209621.07	0.1240	P	1.1
7	☐	500.000	491.018	417734.44	0.2512	P	0.9
8	☐	1000.000	1007.337	844875.17	0.5150	P	1.2
9	☐			50284.94	0.0308	P	7.4

$$y = 5.1090\text{E-}004 * x + 3.3482\text{E-}004$$

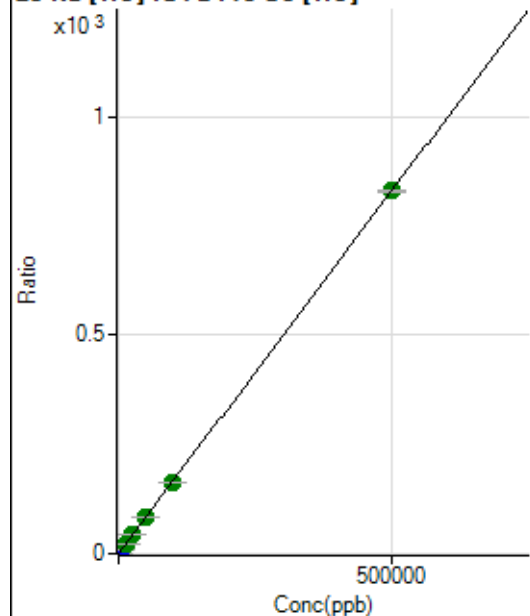
$$R = 0.9999$$

$$DL = 0.1411$$

$$BEC = 0.6553$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12124.86	0.0586	P	2.2
2	☐	50.000					
3	☐	500.000	477.425	173814.84	0.8500	P	0.2
4	☐	5000.000	5207.683	1733658.44	8.6909	P	0.5
5	☐	12500.000	12862.516	4319135.08	21.3797	A	1.0
6	☐	25000.000	25238.016	8414048.89	41.8936	A	0.4
7	☐	50000.000	49695.612	16781266.52	82.4349	A	0.6
8	☐	100000.00	98639.474	33813203.19	163.5650	A	0.7
9	☐	500000.00	500279.52	181848916.5	829.3301	A	0.6

$$y = 0.0017 * x + 0.0586$$

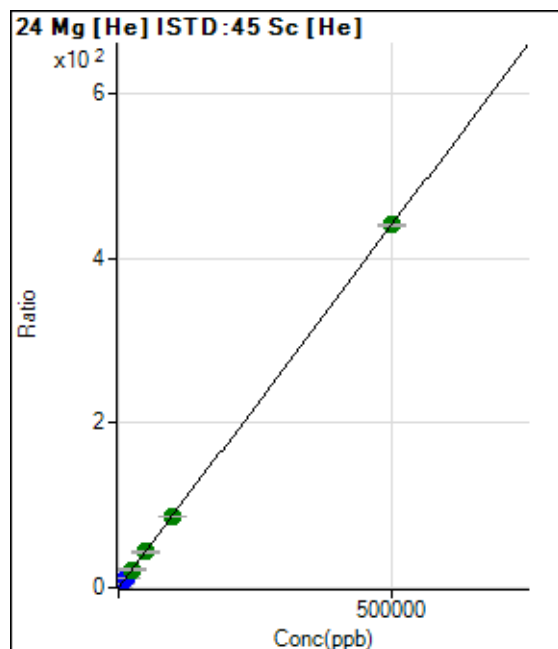
$$R = 1.0000$$

$$DL = 2.356$$

$$BEC = 35.36$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2475.31	0.0120	P	5.0
2	☐	50.000					
3	☐	500.000	466.642	86454.48	0.4228	P	1.8
4	☐	5000.000	5169.844	910293.90	4.5634	P	0.6
5	☐	12500.000	12798.523	2278735.92	11.2796	P	0.5
6	☐	25000.000	25184.064	4455393.42	22.1836	A	0.7
7	☐	50000.000	49145.037	8810168.25	43.2784	A	0.8
8	☐	100000.00	97715.873	17786631.48	86.0393	A	0.3
9	☐	500000.00	500523.99	96625712.58	440.6647	A	0.5

$$y = 8.8038\text{E-}004 * x + 0.0120$$

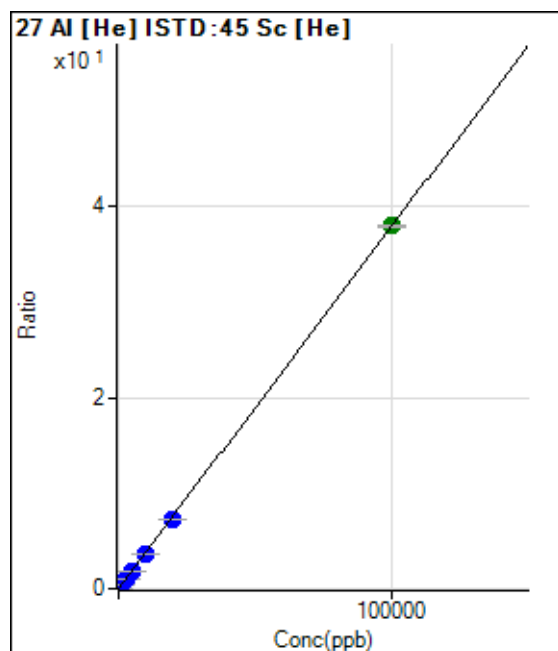
R = 1.0000

DL = 2.036

BEC = 13.59

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	56.7
2	☐	2.000					
3	☐	20.000	18.749	1497.36	0.0073	P	3.6
4	☐	1000.000	1010.875	76496.05	0.3835	P	2.0
5	☐	2500.000	2489.739	190737.66	0.9441	P	0.9
6	☐	5000.000	4920.151	374697.98	1.8656	P	0.3
7	☐	10000.000	9689.979	747914.84	3.6740	P	0.4
8	☐	20000.000	19298.273	1512586.35	7.3168	P	0.4
9	☐	100000.00	100175.48	8327908.17	37.9797	A	0.3

$$y = 3.7913\text{E-}004 * x + 2.1423\text{E-}004$$

R = 1.0000

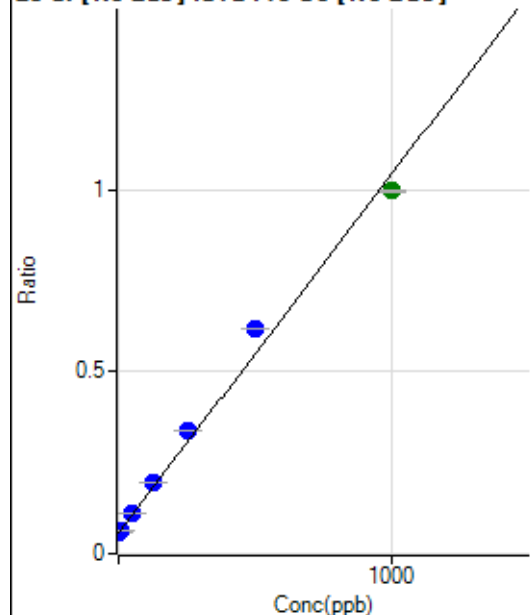
DL = 0.9615

BEC = 0.5651

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278971.96	0.0567	P	1.0
2	☐	1.000					
3	☐	10.000	8.661	320216.50	0.0652	P	0.7
4	☐	50.000	56.929	542922.25	0.1128	P	0.8
5	☐	125.000	142.206	958800.60	0.1968	P	0.3
6	☐	250.000	284.273	1616350.65	0.3368	P	0.6
7	☐	500.000	570.129	2928988.80	0.6185	P	0.2
8	☐	1000.000	953.883	4817352.93	0.9967	A	0.7
9	☐			370534.02	0.0749	P	1.5

$$y = 9.8546\text{E-}004 * x + 0.0567$$

$$R = 0.9954$$

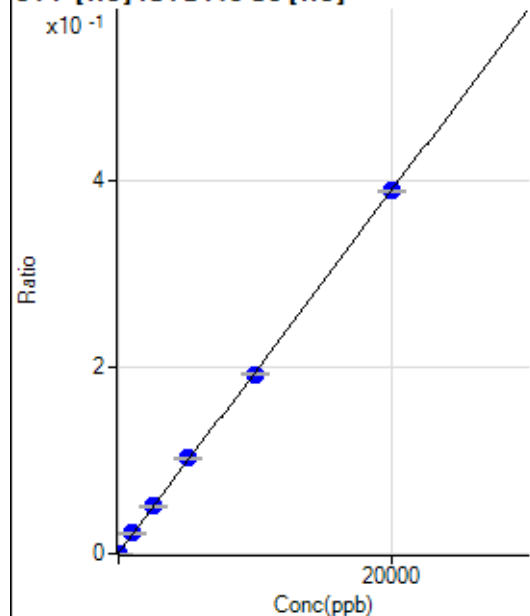
$$DL = 1.645$$

$$BEC = 57.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.577	116.67	0.0006	P	45.2
2	☐	0.000					
3	☐	0.000	1.577	127.78	0.0006	P	106.3
4	☐	1000.000	1087.199	4325.81	0.0217	P	4.6
5	☐	2500.000	2599.796	10309.55	0.0510	P	5.3
6	☐	5000.000	5246.281	20562.04	0.1024	P	1.4
7	☐	10000.000	9879.923	39141.14	0.1923	P	0.7
8	☐	20000.000	19981.634	80262.76	0.3883	P	0.8
9	☐			186.12	0.0008	P	2.5

$$y = 1.9401\text{E-}005 * x + 5.9559\text{E-}004$$

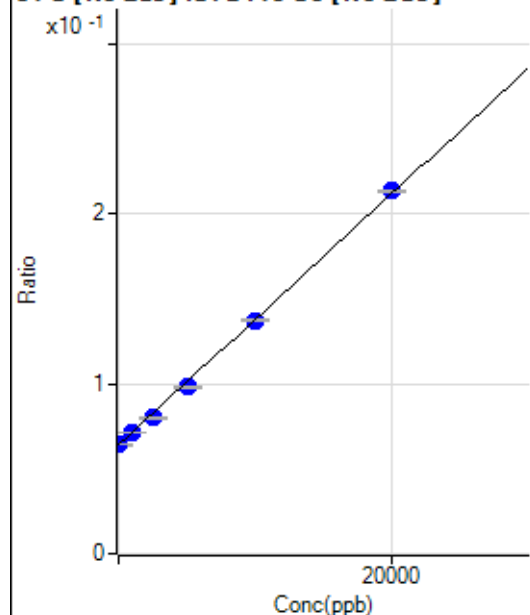
$$R = 0.9999$$

$$DL = 71.24$$

$$BEC = 30.7$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.050	315648.29	0.0641	P	0.8
2	☐	0.000					
3	☐	0.000	-2.050	314729.58	0.0641	P	0.5
4	☐	1000.000	948.107	342318.13	0.0711	P	0.1
5	☐	2500.000	2161.529	390038.69	0.0801	P	0.8
6	☐	5000.000	4585.647	470151.56	0.0980	P	0.9
7	☐	10000.000	9881.281	649169.57	0.1371	P	0.6
8	☐	20000.000	20207.851	1031288.01	0.2134	P	0.6
9	☐			297826.15	0.0602	P	1.5

$$y = 7.3869\text{E-}006 * x + 0.0641$$

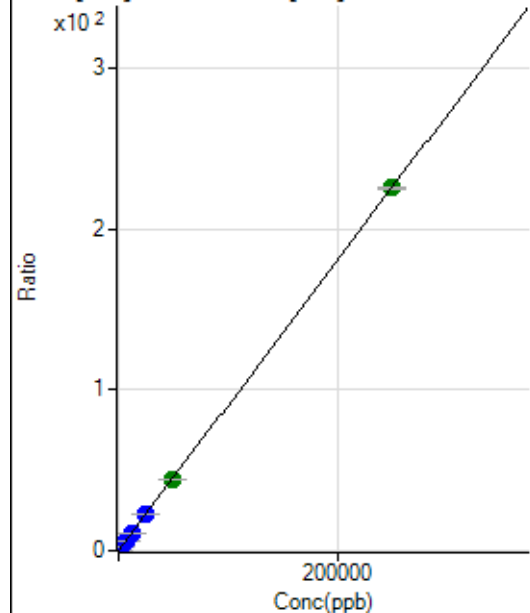
$$R = 0.9997$$

$$DL = 179.1$$

$$BEC = 8676$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26446.67	0.1278	P	1.5
2	☐	50.000					
3	☐	500.000	452.778	109554.99	0.5358	P	1.2
4	☐	2500.000	2474.367	470234.46	2.3572	P	1.0
5	☐	6250.000	6178.366	1150435.87	5.6946	P	0.5
6	☐	12500.000	12281.721	2248148.66	11.1937	P	0.7
7	☐	25000.000	24508.587	4521409.56	22.2102	P	0.2
8	☐	50000.000	48836.402	9122725.12	44.1297	A	0.5
9	☐	250000.00	250294.91	49477737.22	225.6447	A	0.7

$$y = 9.0100\text{E-}004 * x + 0.1278$$

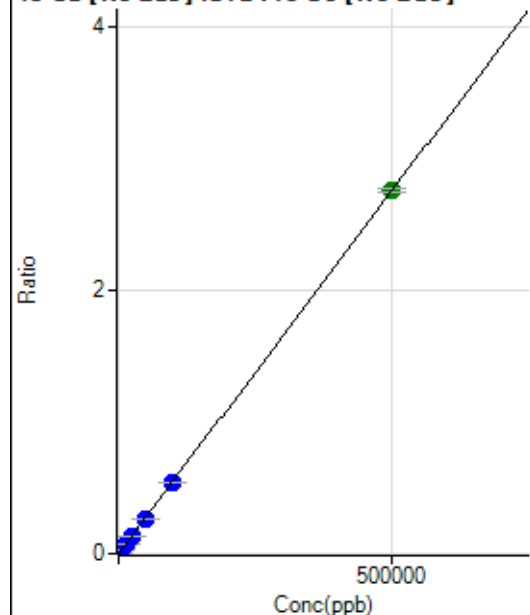
$$R = 1.0000$$

$$DL = 6.285$$

$$BEC = 141.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.35	0.0001	P	14.4
2	☐	50.000					
3	☐	500.000	439.996	12177.68	0.0025	P	2.0
4	☐	5000.000	4896.776	129795.91	0.0270	P	0.7
5	☐	12500.000	12183.114	326331.89	0.0670	P	0.5
6	☐	25000.000	24416.395	643902.83	0.1342	P	0.2
7	☐	50000.000	48765.283	1268686.83	0.2679	P	0.2
8	☐	100000.00	97499.248	2588668.11	0.5356	P	0.3
9	☐	500000.00	500661.81	13600365.15	2.7499	A	0.9

$$y = 5.4924\text{E-}006 * x + 6.2646\text{E-}005$$

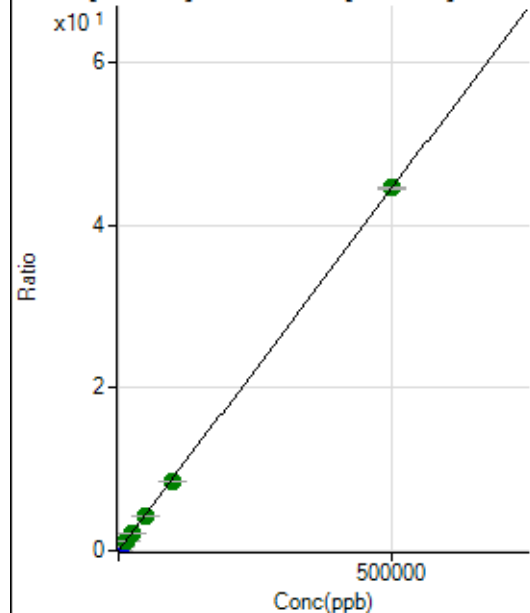
$$R = 1.0000$$

$$DL = 4.935$$

$$BEC = 11.41$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7585.64	0.0015	P	5.5
2	☐	50.000					
3	☐	500.000	441.223	200253.84	0.0408	P	0.5
4	☐	5000.000	4923.232	2115045.92	0.4393	P	0.2
5	☐	12500.000	12104.054	5250626.98	1.0777	A	0.9
6	☐	25000.000	24175.942	10323157.44	2.1510	A	0.9
7	☐	50000.000	48573.158	20458915.39	4.3202	A	0.5
8	☐	100000.00	96512.807	41484082.18	8.5826	A	0.5
9	☐	500000.00	500892.05	220260310.4	44.5363	A	0.8

$$y = 8.8911\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

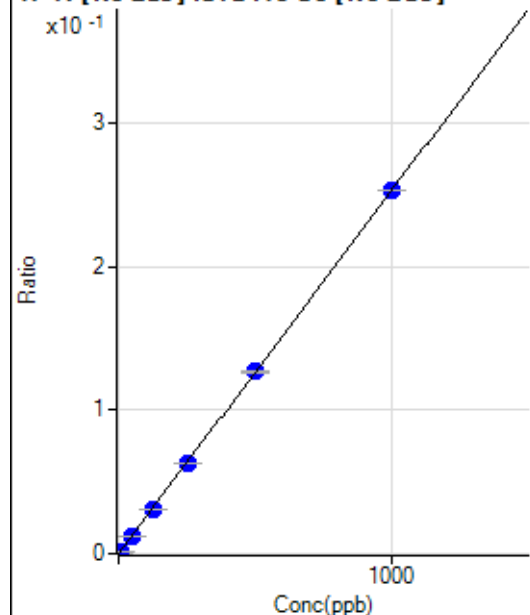
$$DL = 2.884$$

$$BEC = 17.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	39.4
2	☐	0.500					
3	☐	5.000	4.547	5743.07	0.0012	P	1.8
4	☐	50.000	50.055	61077.55	0.0127	P	0.6
5	☐	125.000	124.212	153231.89	0.0315	P	0.3
6	☐	250.000	249.826	303492.10	0.0632	P	0.4
7	☐	500.000	500.941	600409.63	0.1268	P	0.3
8	☐	1000.000	999.671	1222830.74	0.2530	P	0.0
9	☐			2331.38	0.0005	P	18.6

$$y = 2.5305E-004 * x + 1.8600E-005$$

$$R = 1.0000$$

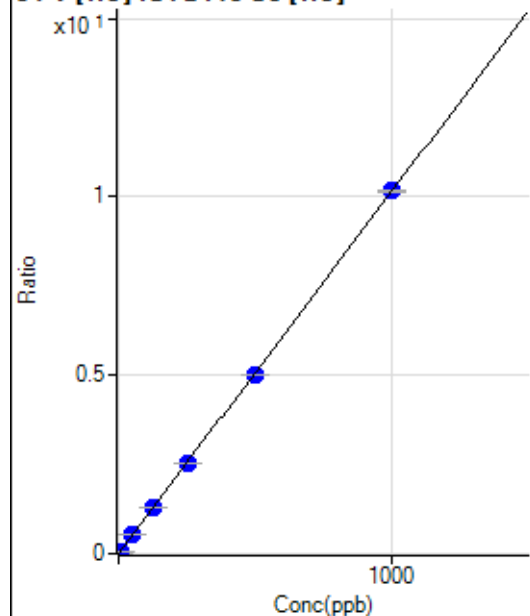
$$DL = 0.08685$$

$$BEC = 0.0735$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0001	P	22.4
2	☐	0.500					
3	☐	5.000	4.646	9652.19	0.0472	P	1.1
4	☐	50.000	50.586	102340.42	0.5130	P	0.3
5	☐	125.000	126.202	258543.91	1.2798	P	0.2
6	☐	250.000	249.572	508289.73	2.5308	P	0.2
7	☐	500.000	494.800	1021394.65	5.0174	P	0.4
8	☐	1000.000	1002.530	2101575.23	10.1658	P	0.2
9	☐			1141.18	0.0052	P	3.0

$$y = 0.0101 * x + 8.6024E-005$$

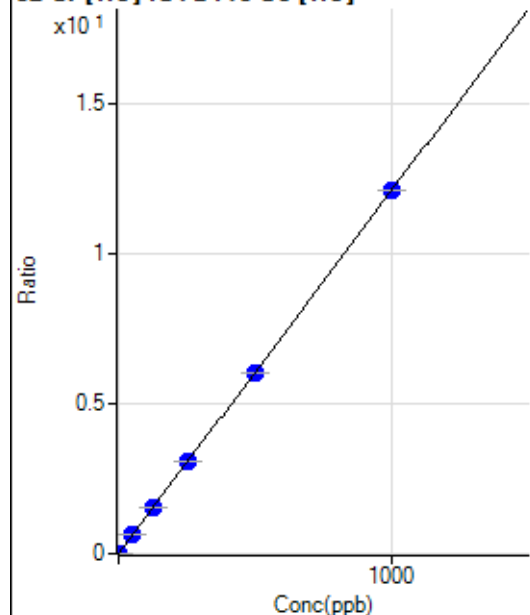
$$R = 1.0000$$

$$DL = 0.005698$$

$$BEC = 0.008484$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	407.79	0.0020	P	13.9
2	☐	0.200					
3	☐	2.000	2.023	5402.19	0.0264	P	1.1
4	☐	50.000	51.634	124845.14	0.6259	P	0.7
5	☐	125.000	128.420	313876.64	1.5537	P	0.1
6	☐	250.000	252.922	614180.63	3.0580	P	0.6
7	☐	500.000	498.650	1226962.65	6.0272	P	0.5
8	☐	1000.000	999.436	2496905.17	12.0782	P	0.1
9	☐			62915.84	0.2869	P	1.0

$$y = 0.0121 * x + 0.0020$$

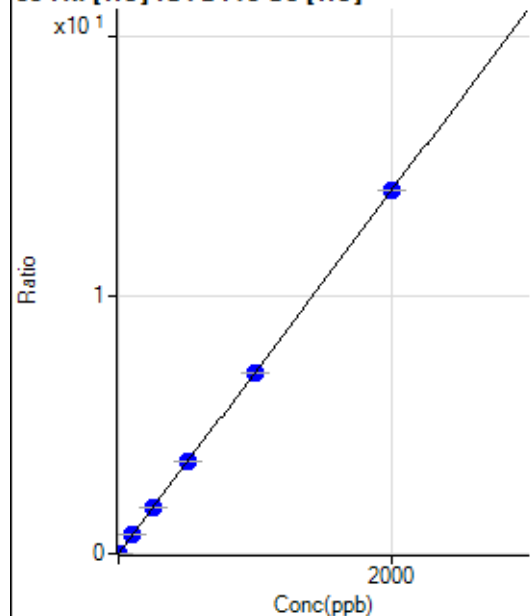
$$R = 1.0000$$

$$DL = 0.06789$$

$$BEC = 0.1631$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.24	0.0020	P	13.1
2	☐	0.100					
3	☐	1.000	0.904	1714.58	0.0084	P	4.1
4	☐	100.000	102.547	143947.96	0.7216	P	0.4
5	☐	250.000	255.803	363042.09	1.7970	P	0.5
6	☐	500.000	505.832	713291.44	3.5515	P	0.7
7	☐	1000.000	997.096	1424751.51	6.9987	P	0.3
8	☐	2000.000	1999.141	2900442.42	14.0301	P	0.1
9	☐			13718.79	0.0626	P	1.8

$$y = 0.0070 * x + 0.0020$$

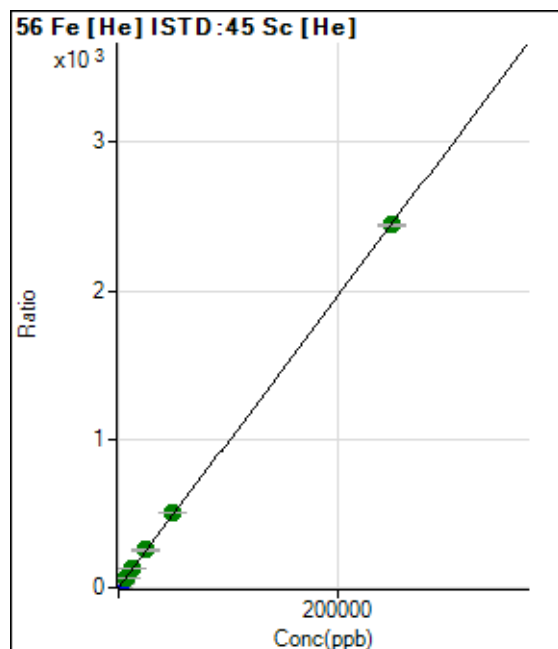
$$R = 1.0000$$

$$DL = 0.1142$$

$$BEC = 0.2909$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3963.61	0.0192	P	4.2
2	☐	5.000					
3	☐	50.000	49.104	102190.36	0.4997	P	1.4
4	☐	2500.000	2723.033	5319720.38	26.6681	P	0.4
5	☐	6250.000	6664.787	13180776.10	65.2440	A	0.6
6	☐	12500.000	13180.342	25910083.91	129.0085	A	0.8
7	☐	25000.000	25809.587	51423418.74	252.6045	A	0.3
8	☐	50000.000	51551.382	104299531.0	504.5263	A	0.2
9	☐	250000.00	249562.14	535543800.8	2,442.357	A	0.6

$$y = 0.0098 * x + 0.0192$$

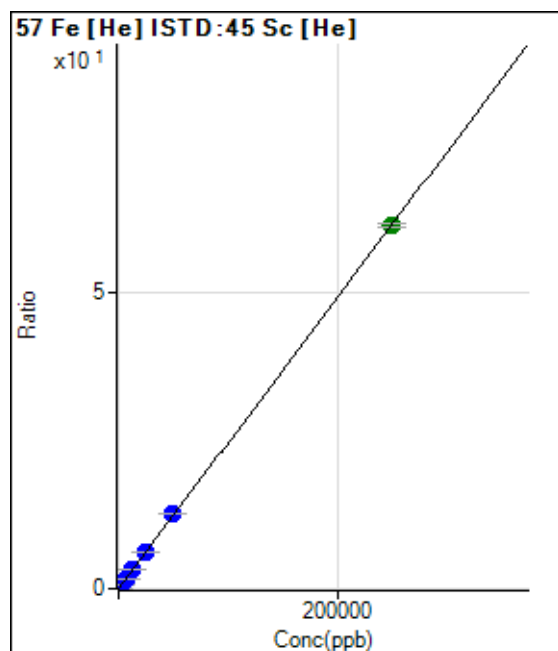
$$R = 1.0000$$

$$DL = 0.2445$$

$$BEC = 1.957$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.31	0.0009	P	27.2
2	☐	5.000					
3	☐	50.000	50.145	2707.74	0.0132	P	1.8
4	☐	2500.000	2667.018	130606.91	0.6547	P	0.6
5	☐	6250.000	6635.511	328801.20	1.6275	P	0.7
6	☐	12500.000	13055.765	642968.51	3.2014	P	0.5
7	☐	25000.000	25572.490	1276341.92	6.2696	P	0.3
8	☐	50000.000	51342.108	2601992.88	12.5866	P	0.3
9	☐	250000.00	249635.23	13418444.40	61.1950	A	0.9

$$y = 2.4513E-004 * x + 9.4936E-004$$

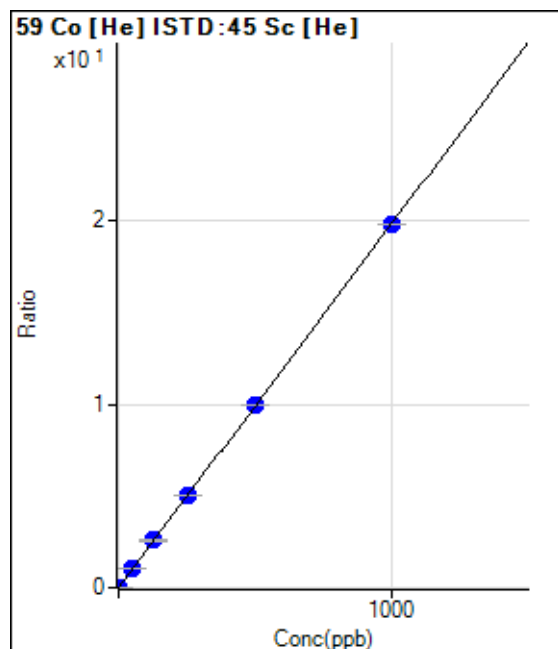
$$R = 1.0000$$

$$DL = 3.161$$

$$BEC = 3.873$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0006	P	23.2
2	☐	0.100					
3	☐	1.000	0.934	3910.58	0.0191	P	4.2
4	☐	50.000	51.962	205909.59	1.0322	P	0.4
5	☐	125.000	129.571	519806.44	2.5730	P	0.3
6	☐	250.000	255.301	1018116.86	5.0692	P	0.6
7	☐	500.000	501.003	2025007.56	9.9473	P	0.2
8	☐	1000.000	997.504	4094163.90	19.8045	P	0.2
9	☐			7330.84	0.0334	P	1.5

$$y = 0.0199 * x + 5.9122E-004$$

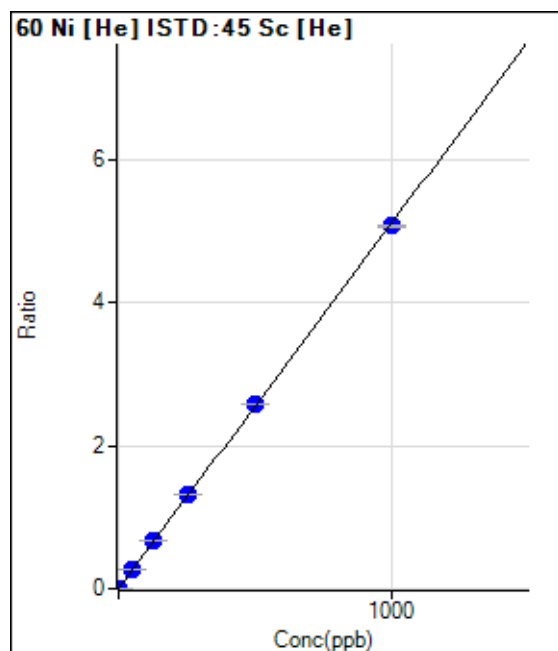
$$R = 1.0000$$

$$DL = 0.02075$$

$$BEC = 0.02978$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	484.46	0.0023	P	3.2
2	☐	0.100					
3	☐	1.000	1.076	1601.23	0.0078	P	1.6
4	☐	50.000	53.938	55357.48	0.2775	P	1.8
5	☐	125.000	132.850	137398.54	0.6801	P	0.5
6	☐	250.000	259.234	266094.78	1.3249	P	0.8
7	☐	500.000	506.621	526643.29	2.5870	P	0.4
8	☐	1000.000	993.203	1048007.89	5.0695	P	0.2
9	☐			16264.75	0.0742	P	2.1

$$y = 0.0051 * x + 0.0023$$

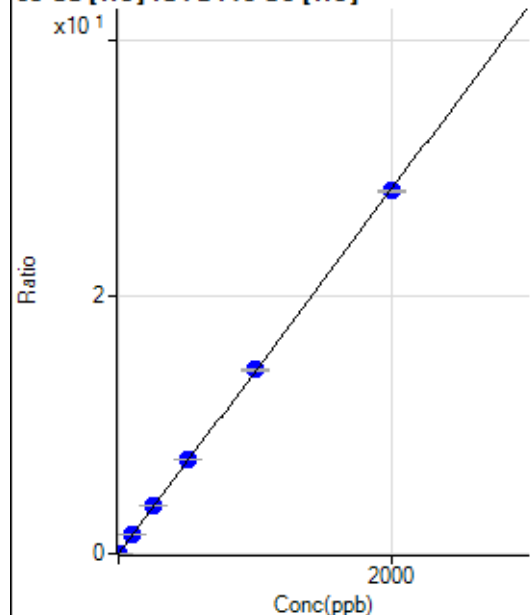
$$R = 0.9999$$

$$DL = 0.04402$$

$$BEC = 0.459$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	677.81	0.0033	P	0.7
2	☐	0.200					
3	☐	2.000	2.273	7261.92	0.0355	P	3.4
4	☐	100.000	106.254	301180.14	1.5098	P	0.5
5	☐	250.000	263.313	754905.01	3.7368	P	0.3
6	☐	500.000	517.412	1474122.27	7.3396	P	0.5
7	☐	1000.000	1007.287	2908140.86	14.2855	P	0.2
8	☐	2000.000	1990.026	5833838.11	28.2196	P	0.3
9	☐			13149.42	0.0600	P	3.0

$$y = 0.0142 * x + 0.0033$$

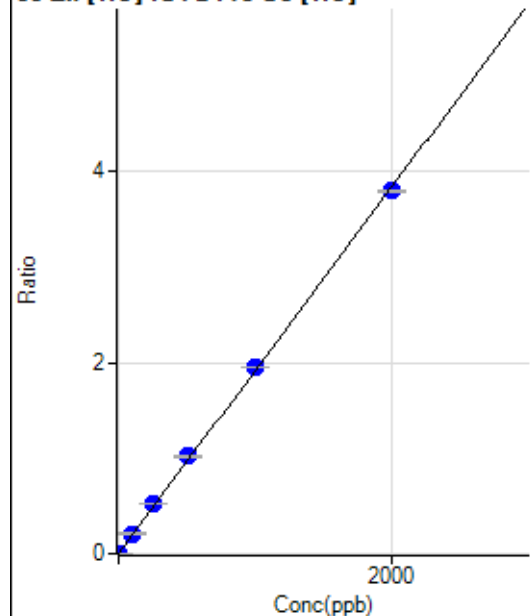
$$R = 0.9999$$

$$DL = 0.004902$$

$$BEC = 0.231$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	271.12	0.0013	P	7.4
2	☐	0.200					
3	☐	2.000	2.157	1113.39	0.0054	P	6.4
4	☐	100.000	109.203	42010.44	0.2106	P	1.9
5	☐	250.000	270.881	105141.37	0.5204	P	0.3
6	☐	500.000	530.000	204264.37	1.0170	P	0.7
7	☐	1000.000	1017.348	397177.01	1.9510	P	0.2
8	☐	2000.000	1980.755	785022.60	3.7974	P	0.4
9	☐			5399.98	0.0246	P	2.7

$$y = 0.0019 * x + 0.0013$$

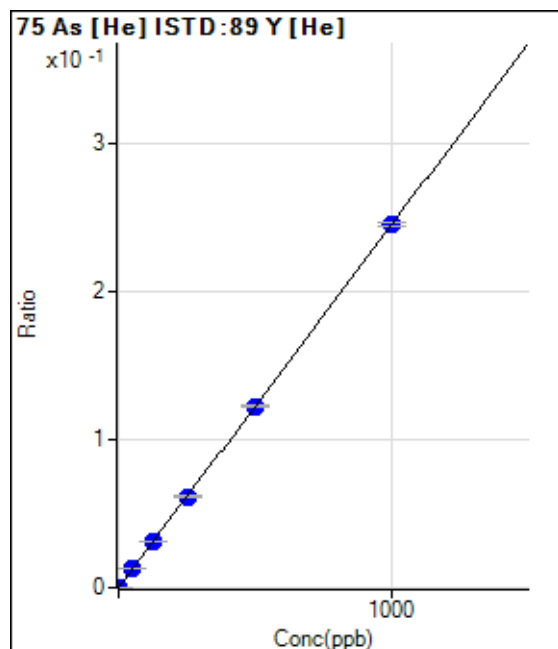
$$R = 0.9998$$

$$DL = 0.151$$

$$BEC = 0.6835$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.41	0.0000	P	66.1
2	☐	0.100					
3	☐	1.000	0.855	258.03	0.0002	P	9.4
4	☐	50.000	51.022	14658.07	0.0125	P	1.4
5	☐	125.000	126.752	36806.93	0.0310	P	1.1
6	☐	250.000	250.761	72089.03	0.0614	P	0.8
7	☐	500.000	499.257	145027.35	0.1223	P	0.9
8	☐	1000.000	999.911	292698.33	0.2449	P	1.1
9	☐			244.45	0.0002	P	6.4

$$y = 2.4488\text{E-}004 * x + 6.1166\text{E-}006$$

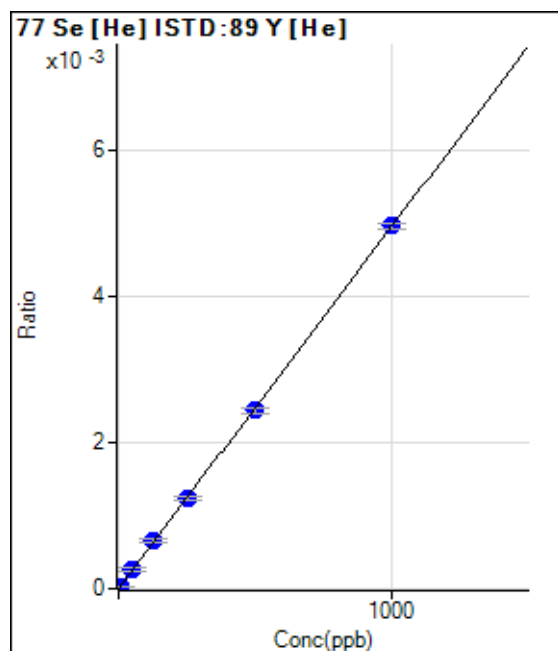
$$R = 1.0000$$

$$DL = 0.0495$$

$$BEC = 0.02498$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.118	24.44	0.0000	P	31.1
4	☐	50.000	53.691	312.23	0.0003	P	17.4
5	☐	125.000	131.095	770.03	0.0006	P	8.5
6	☐	250.000	250.984	1458.99	0.0012	P	3.4
7	☐	500.000	491.841	2889.22	0.0024	P	3.8
8	☐	1000.000	1002.892	5936.89	0.0050	P	1.7
9	☐			3.33	0.0000	P	100.6

$$y = 4.9524\text{E-}006 * x + 0.0000\text{E+}000$$

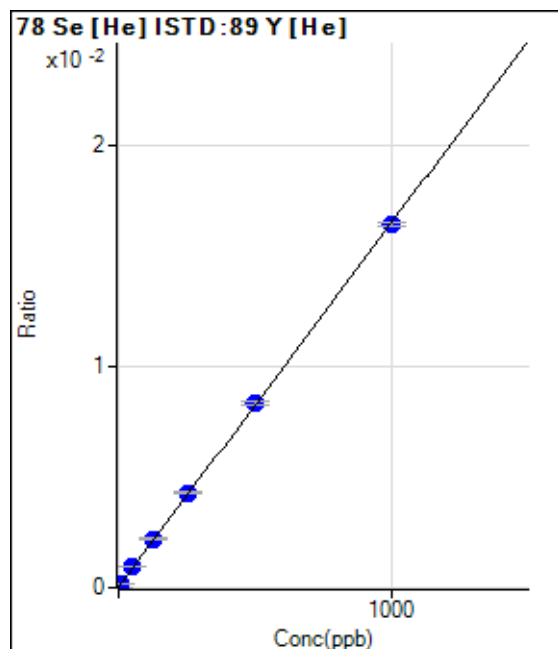
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.42	0.0000	P	37.6
2	☐	0.500					
3	☐	5.000	7.247	179.01	0.0001	P	9.0
4	☐	50.000	55.705	1111.16	0.0009	P	4.7
5	☐	125.000	132.286	2619.39	0.0022	P	1.4
6	☐	250.000	259.122	5045.98	0.0043	P	1.4
7	☐	500.000	504.594	9896.04	0.0083	P	1.4
8	☐	1000.000	994.215	19613.32	0.0164	P	1.0
9	☐			69.14	0.0001	P	5.9

$$y = 1.6473\text{E-}005 * x + 3.0105\text{E-}005$$

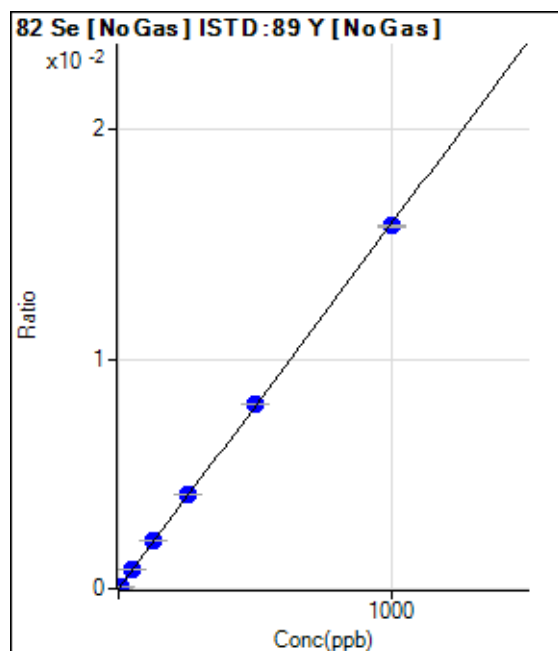
$$R = 0.9999$$

$$DL = 2.064$$

$$BEC = 1.828$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-31.25	0.0000	P	-281.
2	☐	0.500					
3	☐	5.000	5.254	688.57	0.0001	P	5.8
4	☐	50.000	51.789	6928.88	0.0008	P	0.5
5	☐	125.000	131.840	17739.67	0.0021	P	1.4
6	☐	250.000	258.164	34452.72	0.0041	P	0.9
7	☐	500.000	506.237	67407.66	0.0081	P	0.7
8	☐	1000.000	993.895	133050.30	0.0158	P	0.5
9	☐			163.37	0.0000	P	72.5

$$y = 1.5920\text{E-}005 * x - 3.6228\text{E-}006$$

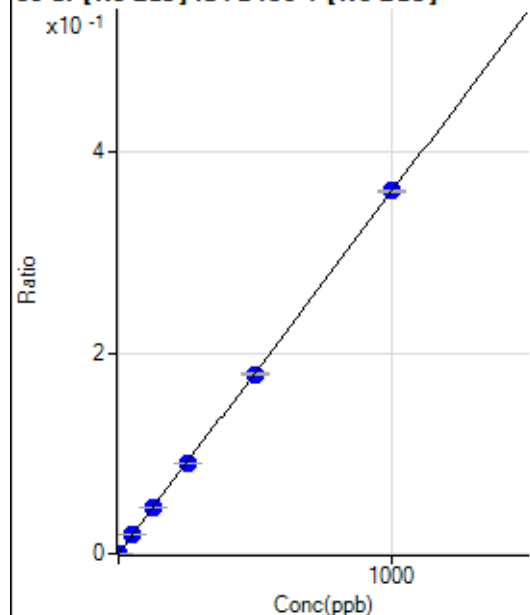
$$R = 0.9999$$

$$DL = 1.923$$

$$BEC = -0.2276$$

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	1836.31	0.0002	P	4.6
2	☐	0.100					
3	☐	1.000	0.933	4720.42	0.0005	P	1.9
4	☐	50.000	50.048	153915.89	0.0182	P	0.3
5	☐	125.000	125.184	383434.12	0.0453	P	0.7
6	☐	250.000	248.136	751439.58	0.0896	P	0.8
7	☐	500.000	496.336	1497253.50	0.1789	P	0.9
8	☐	1000.000	1002.273	3037199.92	0.3611	P	0.2
9	☐			104652.01	0.0126	P	0.9

$$y = 3.6009\text{E-}004 * x + 2.1265\text{E-}004$$

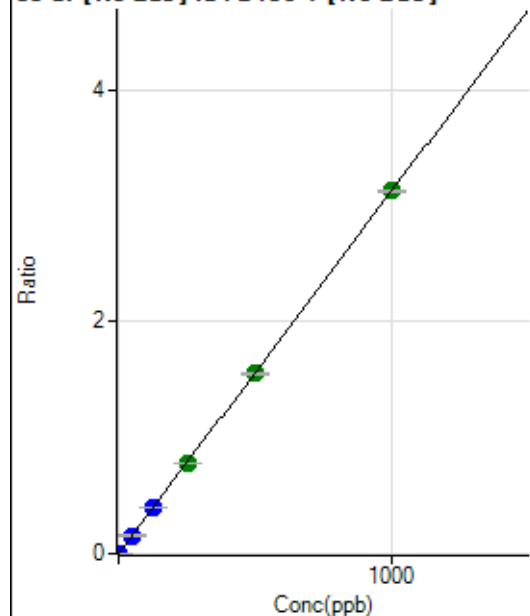
$$R = 1.0000$$

$$DL = 0.0822$$

$$BEC = 0.5906$$

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	330.57	0.0000	P	37.9
2	☐	0.100					
3	☐	1.000	0.930	25320.54	0.0029	P	2.2
4	☐	50.000	50.303	1325980.39	0.1571	P	1.0
5	☐	125.000	126.480	3343635.06	0.3949	P	0.5
6	☐	250.000	250.877	6572185.17	0.7833	A	0.8
7	☐	500.000	497.191	12989774.16	1.5524	A	0.7
8	☐	1000.000	1000.985	26286216.38	3.1254	A	0.5
9	☐			876688.94	0.1057	P	0.1

$$y = 0.0031 * x + 3.8247\text{E-}005$$

$$R = 1.0000$$

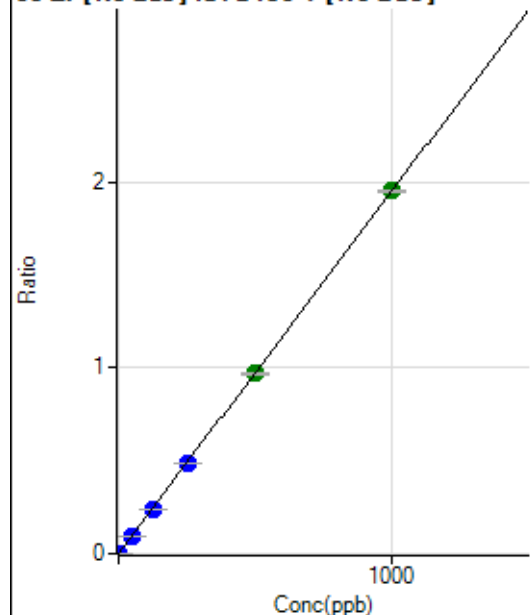
$$DL = 0.01394$$

$$BEC = 0.01225$$

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	577.82	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.842	14685.83	0.0017	P	2.4
4	☐	50.000	49.065	806731.63	0.0956	P	0.9
5	☐	125.000	124.600	2054018.93	0.2426	P	0.1
6	☐	250.000	250.466	4091312.89	0.4876	P	0.3
7	☐	500.000	496.471	8087526.40	0.9665	A	0.3
8	☐	1000.000	1001.745	16401100.19	1.9501	A	0.6
9	☐			6184.94	0.0007	P	14.3

$$y = 0.0019 * x + 6.6912E-005$$

$$R = 1.0000$$

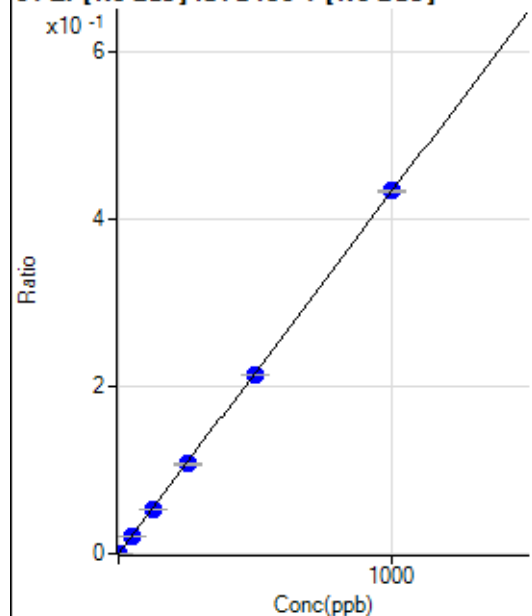
$$DL = 0.004673$$

$$BEC = 0.03437$$

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	108.34	0.0000	P	38.5
2	☐	0.100					
3	☐	1.000	0.841	3239.39	0.0004	P	6.5
4	☐	50.000	49.293	180159.59	0.0213	P	0.6
5	☐	125.000	124.416	455927.33	0.0539	P	0.3
6	☐	250.000	247.629	899177.84	0.1072	P	0.7
7	☐	500.000	495.421	1794044.74	0.2144	P	0.5
8	☐	1000.000	1002.991	3650564.71	0.4341	P	0.4
9	☐			1425.14	0.0002	P	10.2

$$y = 4.3275E-004 * x + 1.2551E-005$$

$$R = 1.0000$$

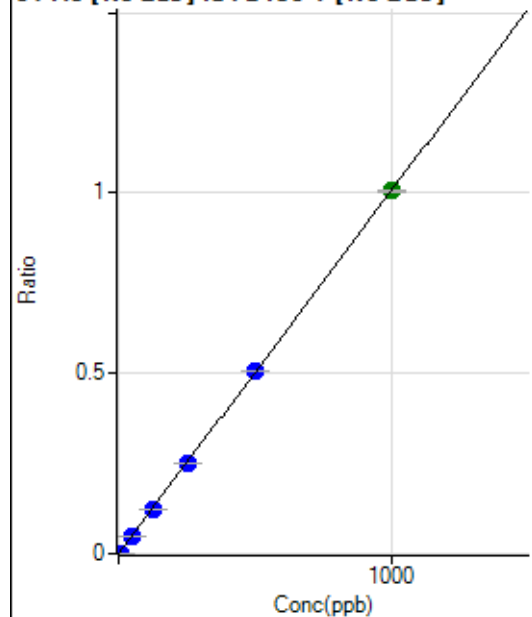
$$DL = 0.0335$$

$$BEC = 0.029$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	36.8
2	☐	0.500					
3	☐	5.000	1.958	17127.60	0.0020	P	1.3
4	☐	50.000	49.432	420046.41	0.0498	P	1.5
5	☐	125.000	124.244	1058730.62	0.1251	P	0.3
6	☐	250.000	249.744	2108857.08	0.2514	P	0.5
7	☐	500.000	502.202	4229093.41	0.5054	P	0.7
8	☐	1000.000	999.101	8456403.92	1.0055	A	0.8
9	☐			14035.25	0.0017	P	6.3

$$y = 0.0010 * x + 2.0608E-005$$

$$R = 1.0000$$

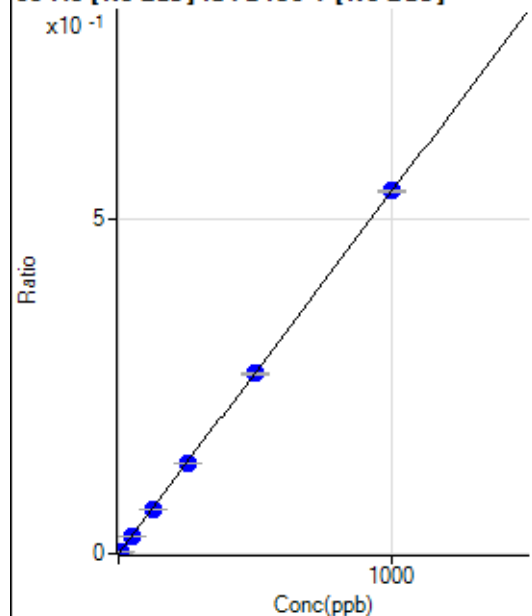
$$DL = 0.02261$$

$$BEC = 0.02048$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	54.9
2	☐	0.500					
3	☐	5.000	4.509	21060.70	0.0024	P	0.5
4	☐	50.000	49.637	226597.26	0.0268	P	1.4
5	☐	125.000	124.364	569332.03	0.0672	P	0.4
6	☐	250.000	247.913	1124655.39	0.1340	P	0.4
7	☐	500.000	496.834	2247796.67	0.2686	P	0.3
8	☐	1000.000	1002.205	4557262.04	0.5419	P	0.4
9	☐			20768.78	0.0025	P	3.7

$$y = 5.4066E-004 * x + 9.9709E-006$$

$$R = 1.0000$$

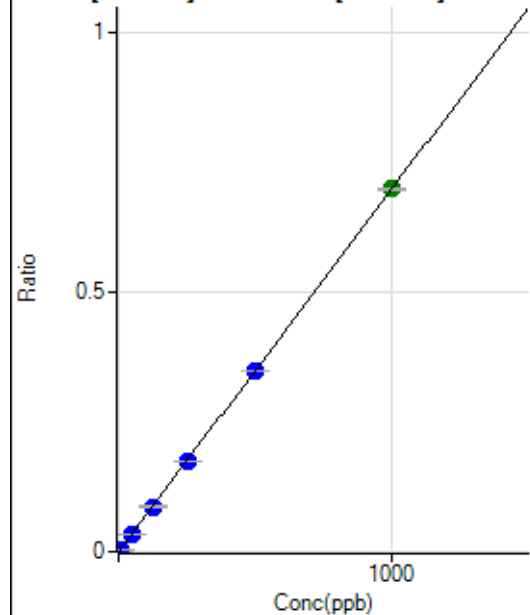
$$DL = 0.03039$$

$$BEC = 0.01844$$

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	119.45	0.0000	P	38.2
2	☐	0.500					
3	☐	5.000	3.819	23041.62	0.0027	P	0.6
4	☐	50.000	49.253	290184.13	0.0344	P	0.9
5	☐	125.000	124.500	735534.51	0.0869	P	0.6
6	☐	250.000	247.532	1449142.75	0.1727	P	0.5
7	☐	500.000	498.217	2908845.64	0.3476	P	0.3
8	☐	1000.000	1001.614	5877752.04	0.6989	A	0.3
9	☐			27652.73	0.0033	P	1.2

$$y = 6.9772\text{E-}004 * x + 1.3820\text{E-}005$$

$$R = 1.0000$$

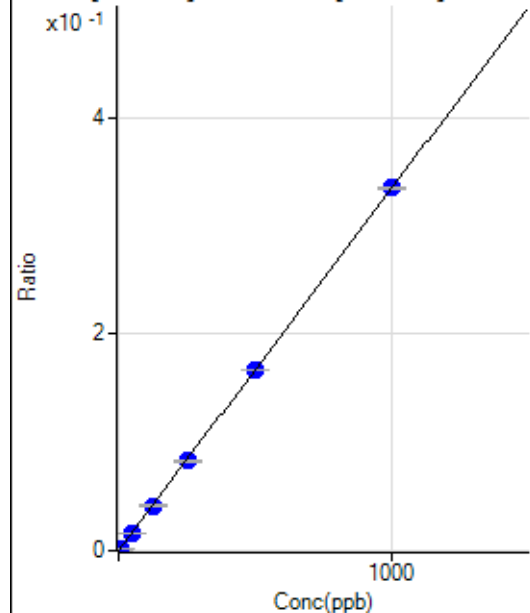
$$DL = 0.02268$$

$$BEC = 0.01981$$

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	38.89	0.0000	P	68.8
2	☐	0.500					
3	☐	5.000	4.504	12989.75	0.0015	P	5.4
4	☐	50.000	49.234	138915.62	0.0165	P	2.1
5	☐	125.000	124.666	352765.67	0.0417	P	0.6
6	☐	250.000	247.376	693662.30	0.0827	P	0.7
7	☐	500.000	497.864	1392304.78	0.1664	P	0.0
8	☐	1000.000	1001.807	2815858.07	0.3348	P	0.3
9	☐			13059.37	0.0016	P	0.6

$$y = 3.3420\text{E-}004 * x + 4.4968\text{E-}006$$

$$R = 1.0000$$

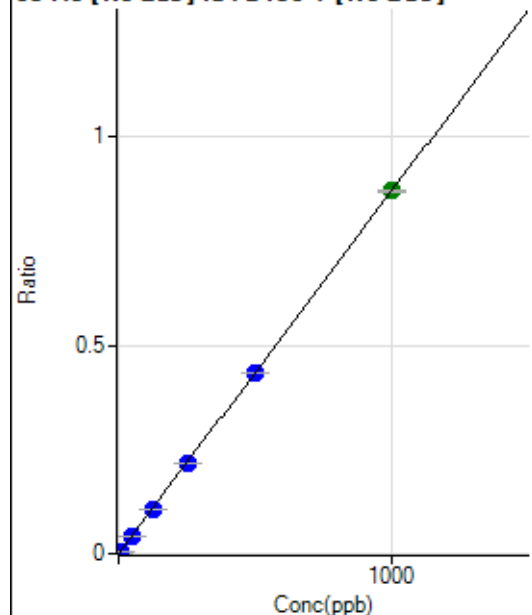
$$DL = 0.02778$$

$$BEC = 0.01346$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	16.0
2	☐	0.500					
3	☐	5.000	4.491	33757.60	0.0039	P	1.5
4	☐	50.000	49.375	362927.05	0.0430	P	1.1
5	☐	125.000	124.154	915156.44	0.1081	P	0.2
6	☐	250.000	247.703	1809334.92	0.2157	P	0.6
7	☐	500.000	499.519	3638957.94	0.4349	P	0.1
8	☐	1000.000	1000.954	7328868.91	0.8714	A	0.4
9	☐			33537.67	0.0040	P	0.5

$$y = 8.7056\text{E-}004 * x + 1.3832\text{E-}005$$

$$R = 1.0000$$

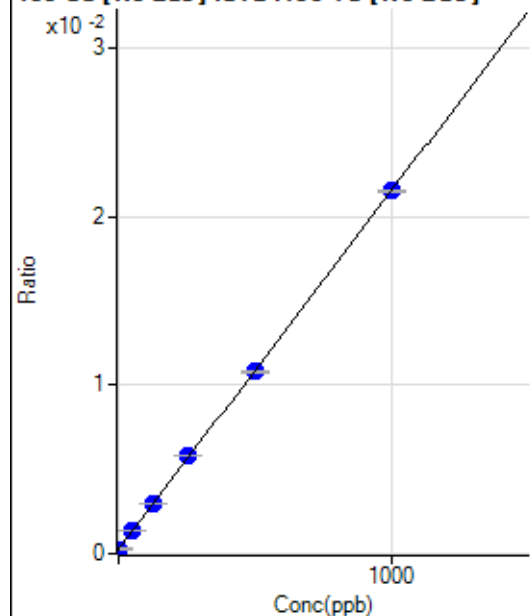
$$DL = 0.007648$$

$$BEC = 0.01589$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2950.44	0.0003	P	6.4
2	☐	0.100					
3	☐	1.000	1.231	3203.27	0.0003	P	4.6
4	☐	50.000	50.811	15041.85	0.0013	P	2.3
5	☐	125.000	128.794	33933.41	0.0030	P	1.9
6	☐	250.000	260.091	64793.75	0.0058	P	0.8
7	☐	500.000	495.564	120848.02	0.0108	P	1.1
8	☐	1000.000	999.180	238758.24	0.0215	P	0.6
9	☐			2869.87	0.0003	P	8.1

$$y = 2.1287\text{E-}005 * x + 2.5304\text{E-}004$$

$$R = 0.9999$$

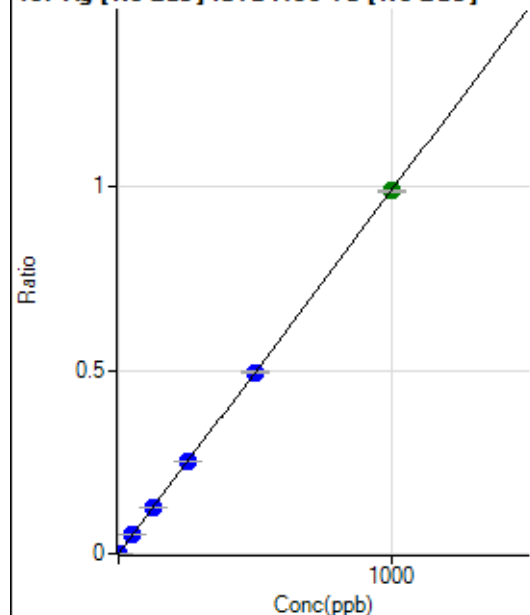
$$DL = 2.279$$

$$BEC = 11.89$$

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	77.78	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	1.251	14285.49	0.0012	P	2.3
4	☐	50.000	51.392	573427.00	0.0509	P	0.6
5	☐	125.000	127.948	1435202.04	0.1267	P	0.6
6	☐	250.000	253.969	2813563.41	0.2514	P	0.4
7	☐	500.000	499.655	5533354.55	0.4946	P	0.3
8	☐	1000.000	998.742	10967488.53	0.9887	A	0.9
9	☐			2614.25	0.0002	P	16.7

$$y = 9.8989\text{E-}004 * x + 6.6692\text{E-}006$$

$$R = 1.0000$$

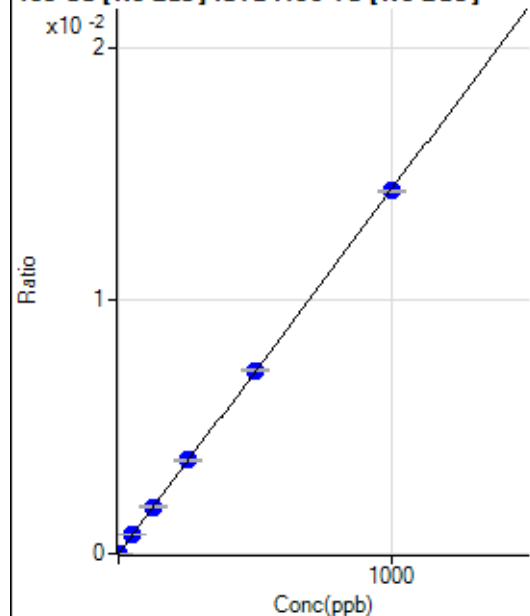
$$DL = 0.003296$$

$$BEC = 0.006737$$

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	13.89	0.0000	P	76.0
2	☐	0.100					
3	☐	1.000	1.070	190.28	0.0000	P	20.1
4	☐	50.000	51.454	8356.78	0.0007	P	3.7
5	☐	125.000	128.065	20894.88	0.0018	P	2.8
6	☐	250.000	256.524	41322.88	0.0037	P	0.6
7	☐	500.000	503.672	81095.95	0.0072	P	1.0
8	☐	1000.000	996.077	159015.97	0.0143	P	0.7
9	☐			73.61	0.0000	P	36.4

$$y = 1.4389\text{E-}005 * x + 1.1930\text{E-}006$$

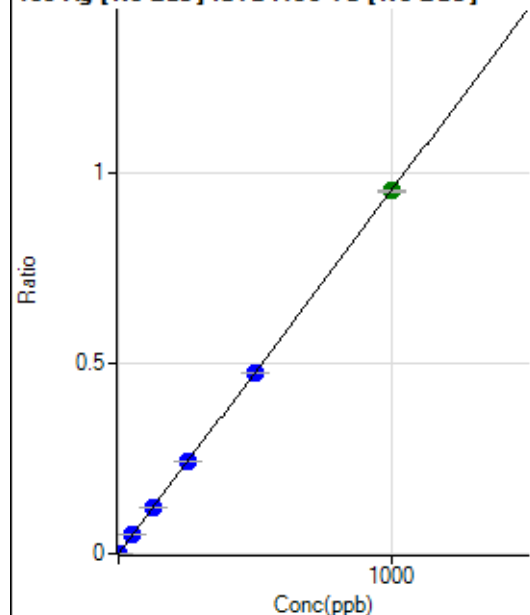
$$R = 1.0000$$

$$DL = 0.1889$$

$$BEC = 0.08291$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	49.4
2	☐	0.100					
3	☐	1.000	1.230	13548.69	0.0012	P	3.3
4	☐	50.000	51.281	552567.10	0.0490	P	0.8
5	☐	125.000	127.410	1380182.42	0.1218	P	0.9
6	☐	250.000	254.038	2717886.35	0.2429	P	0.3
7	☐	500.000	499.033	5337084.32	0.4771	P	0.3
8	☐	1000.000	999.108	10595808.05	0.9551	A	0.5
9	☐			2303.06	0.0002	P	5.8

$$y = 9.5597\text{E-}004 * x + 5.7050\text{E-}006$$

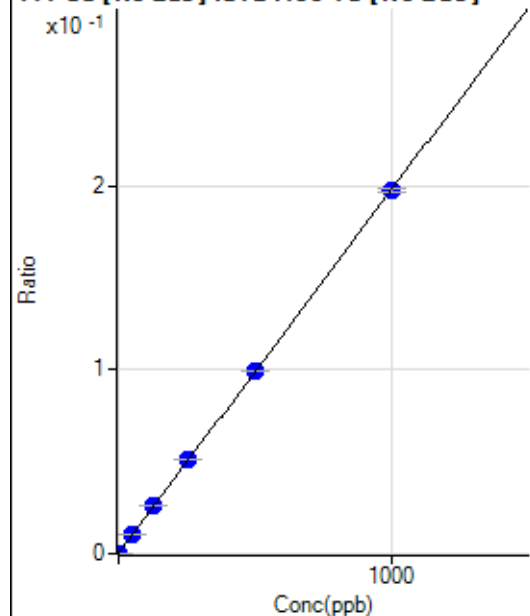
$$R = 1.0000$$

$$DL = 0.008852$$

$$BEC = 0.005968$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2073.64	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.973	4245.41	0.0004	P	2.2
4	☐	50.000	52.161	118164.80	0.0105	P	1.0
5	☐	125.000	129.459	291863.90	0.0258	P	1.0
6	☐	250.000	257.856	572197.74	0.0511	P	0.6
7	☐	500.000	501.126	1109744.09	0.0992	P	0.7
8	☐	1000.000	996.807	2186915.18	0.1971	P	1.2
9	☐			2681.02	0.0003	P	4.7

$$y = 1.9759\text{E-}004 * x + 1.7784\text{E-}004$$

$$R = 1.0000$$

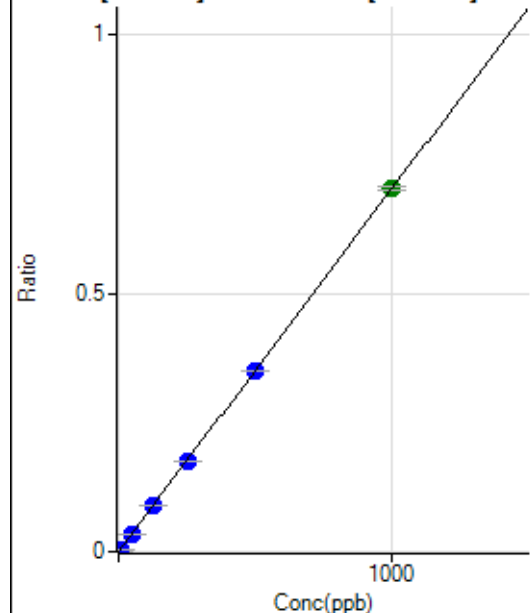
$$DL = 0.1511$$

$$BEC = 0.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1250.17	0.0001	P	10.4
2	☐	0.500					
3	☐	5.000	4.546	37804.65	0.0033	P	2.2
4	☐	50.000	49.588	393192.13	0.0349	P	0.3
5	☐	125.000	125.131	995676.06	0.0879	P	0.6
6	☐	250.000	248.951	1955319.66	0.1747	P	0.3
7	☐	500.000	499.041	3916924.65	0.3501	P	0.5
8	☐	1000.000	1000.748	7787557.81	0.7020	A	0.9
9	☐			12166.91	0.0011	P	3.9

$$y = 7.0138\text{E-}004 * x + 1.0719\text{E-}004$$

$$R = 1.0000$$

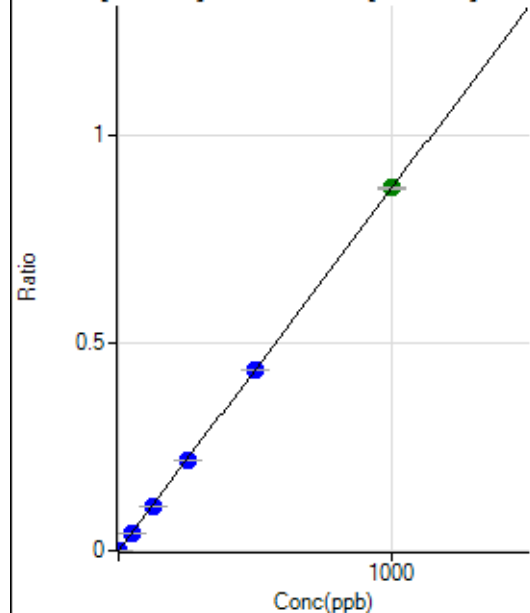
$$DL = 0.04761$$

$$BEC = 0.1528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	28.0
2	☐	0.200					
3	☐	2.000	1.843	18515.73	0.0016	P	4.1
4	☐	50.000	48.684	479355.95	0.0425	P	1.4
5	☐	125.000	123.909	1226616.07	0.1083	P	0.6
6	☐	250.000	249.332	2437761.97	0.2178	P	0.4
7	☐	500.000	497.421	4861504.23	0.4346	P	0.4
8	☐	1000.000	1001.659	9707653.17	0.8751	A	0.3
9	☐			34145.34	0.0032	P	2.4

$$y = 8.7362\text{E-}004 * x + 3.8068\text{E-}006$$

$$R = 1.0000$$

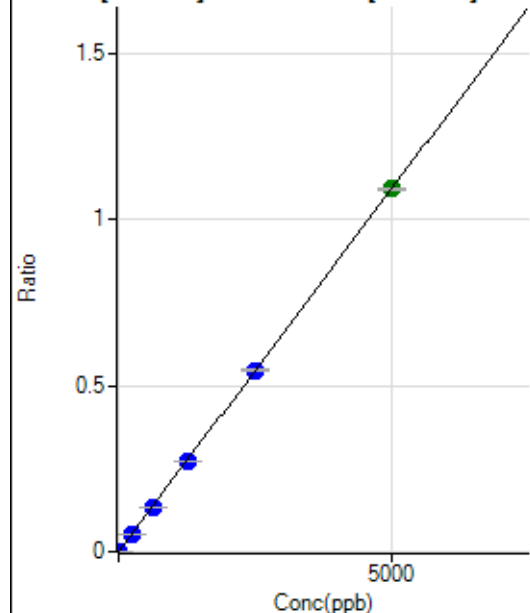
$$DL = 0.003658$$

$$BEC = 0.004358$$

Weight: <None>

Min Conc: 0

135 Ba [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	47.9
2	☐	1.000					
3	☐	10.000	9.134	22942.01	0.0020	P	2.1
4	☐	250.000	246.259	606184.78	0.0538	P	0.8
5	☐	625.000	618.658	1531022.66	0.1351	P	0.4
6	☐	1250.000	1244.080	3040721.90	0.2717	P	0.3
7	☐	2500.000	2502.244	6113657.04	0.5465	P	0.3
8	☐	5000.000	5001.340	12116917.72	1.0923	A	0.8
9	☐			6146.07	0.0006	P	11.2

$$y = 2.1839\text{E-}004 * x + 5.2377\text{E-}006$$

$$R = 1.0000$$

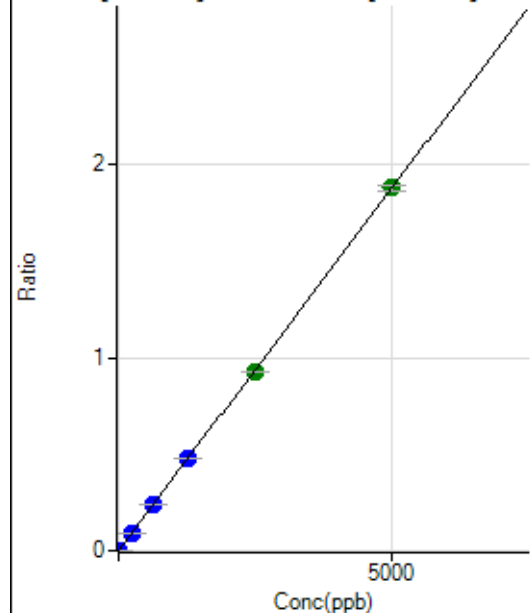
$$DL = 0.03446$$

$$BEC = 0.02398$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.90	0.0000	P	38.3
2	☐	1.000					
3	☐	10.000	9.070	39108.86	0.0034	P	2.3
4	☐	250.000	249.967	1056673.60	0.0938	P	0.4
5	☐	625.000	628.663	2671731.44	0.2358	P	0.2
6	☐	1250.000	1267.202	5318819.09	0.4753	P	0.3
7	☐	2500.000	2471.643	10370485.56	0.9270	A	0.4
8	☐	5000.000	5009.424	20841643.35	1.8788	A	1.2
9	☐			10259.75	0.0010	P	9.3

$$y = 3.7505\text{E-}004 * x + 7.6296\text{E-}006$$

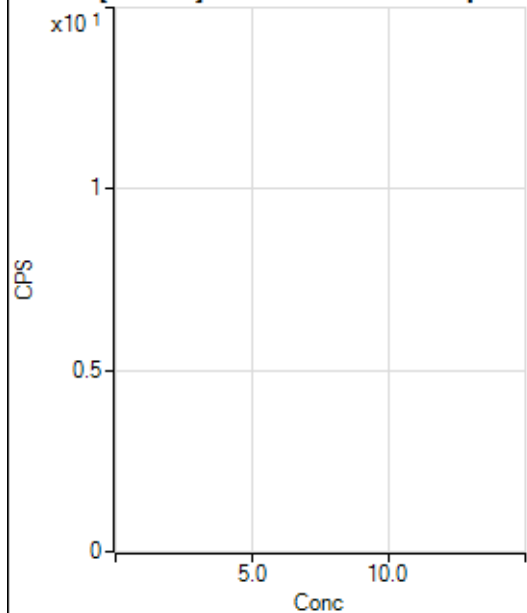
$$R = 1.0000$$

$$DL = 0.02339$$

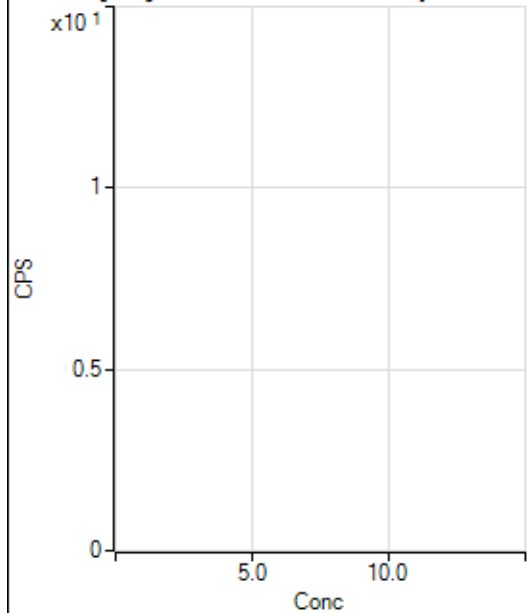
$$BEC = 0.02034$$

Weight: <None>

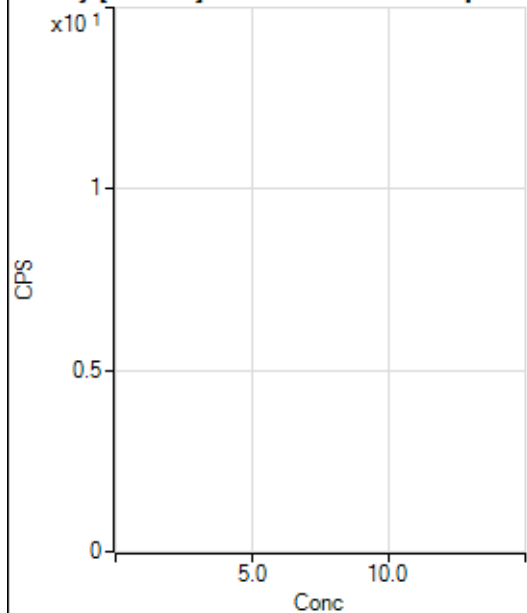
Min Conc: 0

150 Nd [No Gas] No available calibration points

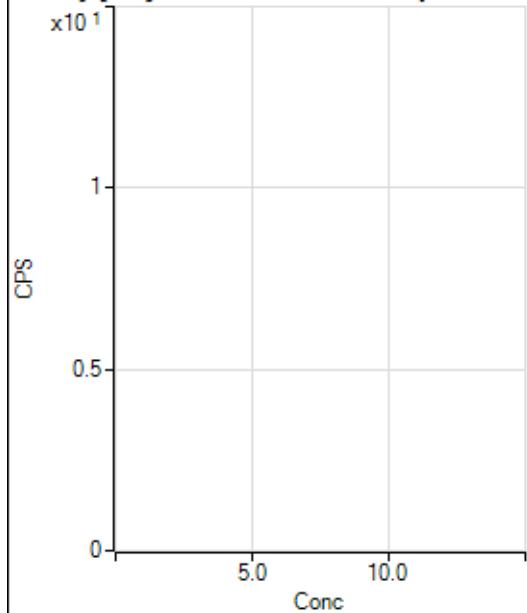
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			8.89		P	86.6
4	☐			51.11		P	27.2
5	☐			140.00		P	17.2
6	☐			262.23		P	9.6
7	☐			500.03		P	3.5
8	☐			880.06		P	10.4
9	☐			160.01		P	25.3

150 Nd [He] No available calibration points

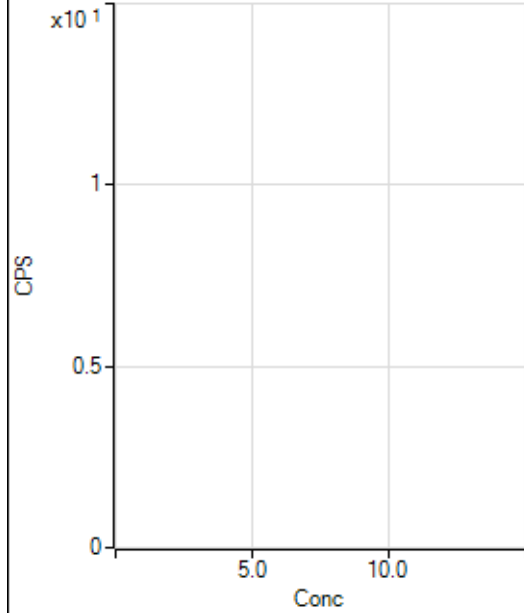
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			0.00		P	
4	☐			11.11		P	45.8
5	☐			13.33		P	50.0
6	☐			25.56		P	37.7
7	☐			32.22		P	39.2
8	☐			88.89		P	22.9
9	☐			62.22		P	8.2

156 Dy [No Gas] No available calibration points

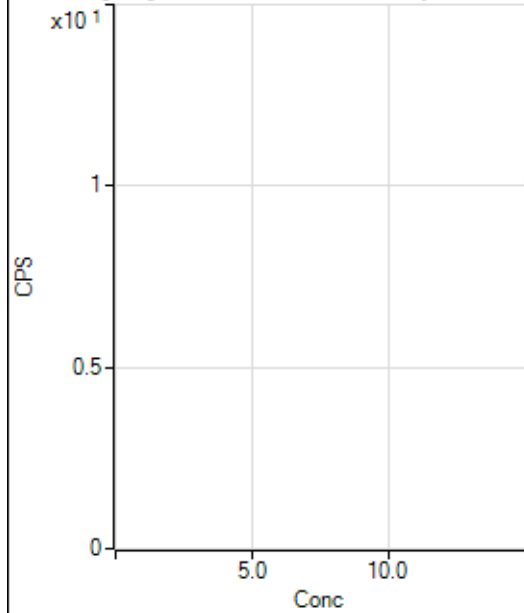
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	47.2
2	☐						
3	☐			16.67		P	86.6
4	☐			33.33		P	25.0
5	☐			58.33		P	24.7
6	☐			88.89		P	5.4
7	☐			155.56		P	40.9
8	☐			225.01		P	35.7
9	☐			188.90		P	20.4

156 Dy [He] No available calibration points

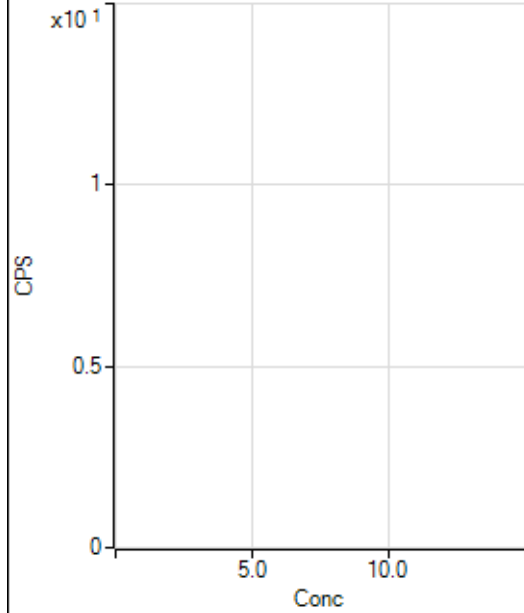
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			4.45		P	86.6
4	☐			14.44		P	35.3
5	☐			13.34		P	43.3
6	☐			31.11		P	30.9
7	☐			52.22		P	24.2
8	☐			118.89		P	28.4
9	☐			87.78		P	11.6

160 Gd [No Gas] Noavailable calibration poin_

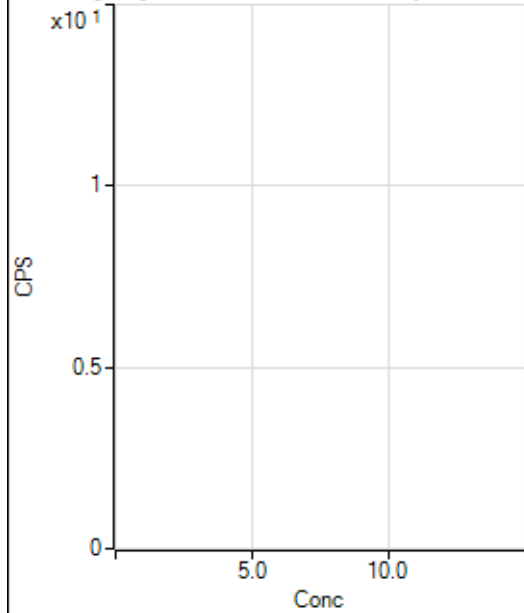
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.6
2	☐						
3	☐			66.67		P	12.5
4	☐			69.45		P	25.0
5	☐			91.67		P	18.2
6	☐			80.56		P	26.0
7	☐			116.68		P	37.8
8	☐			166.68		P	18.0
9	☐			180.56		P	14.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	21.1
2	☐						
3	☐			64.45		P	10.8
4	☐			63.33		P	NaN
5	☐			74.45		P	33.6
6	☐			65.55		P	20.6
7	☐			88.89		P	12.1
8	☐			112.22		P	20.2
9	☐			124.45		P	4.1

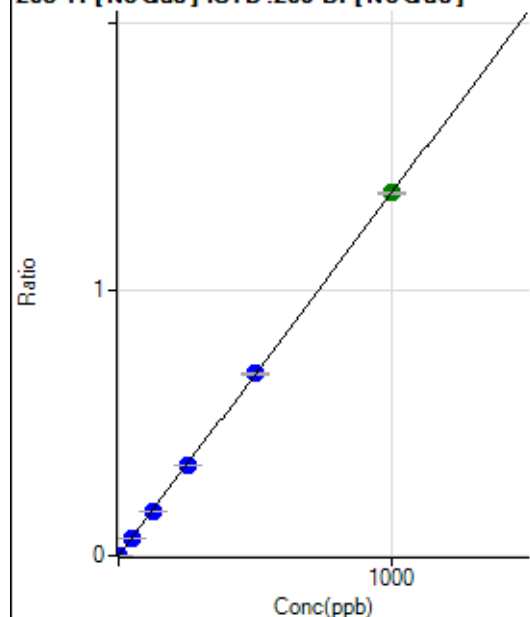
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			41.67		P	52.9
4	☐			36.11		P	13.3
5	☐			27.78		P	17.3
6	☐			58.34		P	37.8
7	☐			58.34		P	14.3
8	☐			69.45		P	25.0
9	☐			91.67		P	24.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	75.0
2	☐						
3	☐			17.78		P	47.2
4	☐			18.89		P	40.7
5	☐			22.22		P	22.9
6	☐			16.67		P	52.9
7	☐			23.33		P	28.6
8	☐			17.78		P	28.6
9	☐			42.22		P	43.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	26.2
2	☐	0.100					
3	☐	1.000	0.909	9323.09	0.0013	P	1.0
4	☐	50.000	48.336	483419.60	0.0659	P	0.4
5	☐	125.000	123.394	1218764.66	0.1682	P	0.8
6	☐	250.000	248.204	2401786.06	0.3384	P	0.8
7	☐	500.000	501.080	4751584.44	0.6831	P	0.8
8	☐	1000.000	1000.193	9354167.14	1.3635	A	0.6
9	☐			5326.28	0.0009	P	6.5

$$y = 0.0014 * x + 2.2122E-005$$

$$R = 1.0000$$

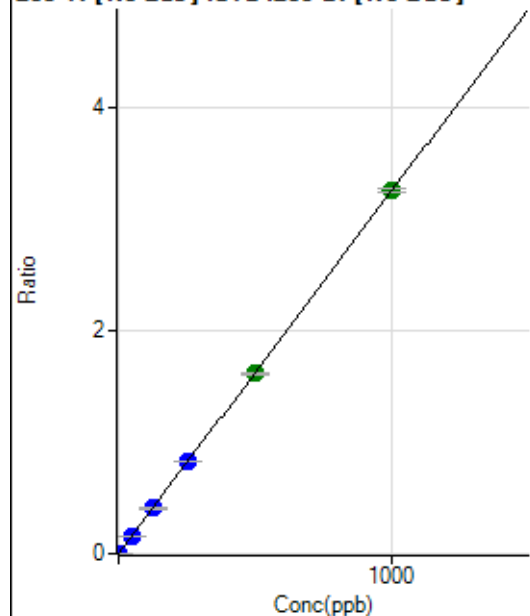
$$DL = 0.01273$$

$$BEC = 0.01623$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.70	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	0.925	22714.57	0.0031	P	1.5
4	☐	50.000	49.336	1178752.98	0.1607	P	1.2
5	☐	125.000	125.532	2961907.03	0.4089	P	1.5
6	☐	250.000	253.353	5856882.16	0.8252	P	0.6
7	☐	500.000	497.245	11264405.03	1.6195	A	0.7
8	☐	1000.000	1000.506	22353606.40	3.2585	A	1.0
9	☐			12987.51	0.0021	P	8.5

$$y = 0.0033 * x + 5.8604E-005$$

$$R = 1.0000$$

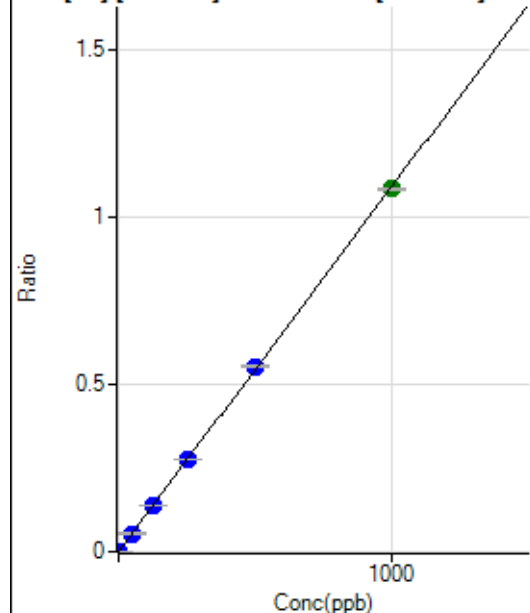
$$DL = 0.008097$$

$$BEC = 0.01799$$

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	831.54	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	1.163	10194.94	0.0014	P	1.6
4	☐	50.000	49.950	400222.50	0.0546	P	1.0
5	☐	125.000	126.524	1000192.35	0.1381	P	0.7
6	☐	250.000	252.433	1954413.51	0.2754	P	0.5
7	☐	500.000	508.568	3857841.49	0.5546	P	0.9
8	☐	1000.000	994.919	7442792.82	1.0849	A	0.3
9	☐			15837.57	0.0026	P	0.7

$$y = 0.0011 * x + 1.1032E-004$$

$$R = 0.9999$$

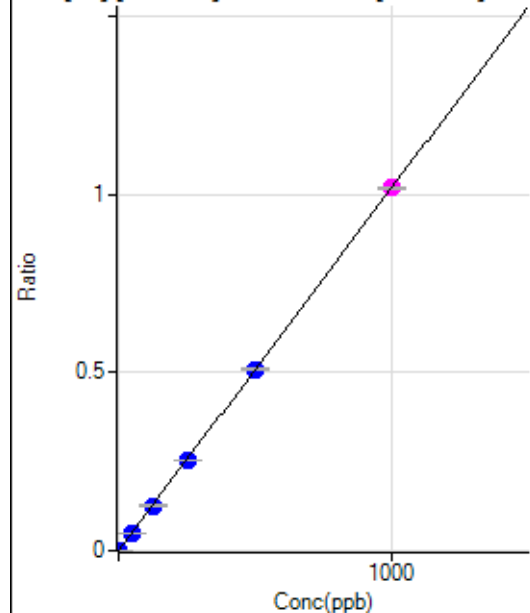
$$DL = 0.02867$$

$$BEC = 0.1012$$

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	729.67	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	1.105	9040.37	0.0012	P	0.7
4	☐	50.000	49.188	368363.24	0.0502	P	0.6
5	☐	125.000	124.326	918621.52	0.1268	P	1.0
6	☐	250.000	248.667	1799520.21	0.2535	P	0.7
7	☐	500.000	499.942	3544774.10	0.5096	P	0.6
8	☐	1000.000	1000.487	6995800.39	1.0198	M	0.4
9	☐			14000.28	0.0023	P	2.3

$$y = 0.0010 * x + 9.6824E-005$$

$$R = 1.0000$$

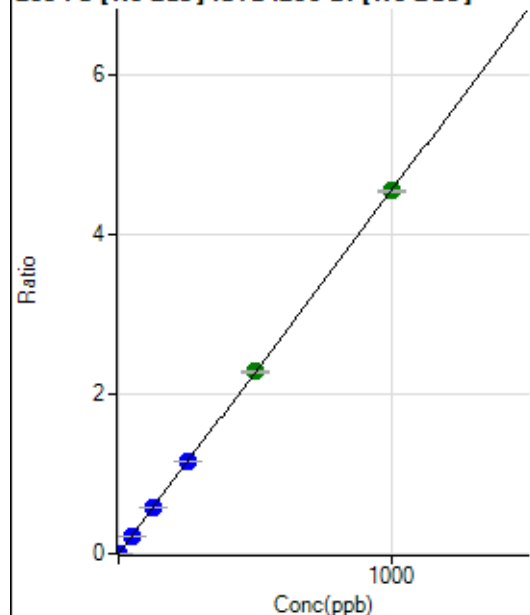
$$DL = 0.03001$$

$$BEC = 0.095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3229.89	0.0004	P	3.3
2	☐	0.100					
3	☐	1.000	1.132	41205.87	0.0056	P	2.0
4	☐	50.000	49.325	1647473.76	0.2246	P	0.5
5	☐	125.000	125.451	4134258.70	0.5707	P	0.6
6	☐	250.000	252.292	8143162.58	1.1473	P	0.6
7	☐	500.000	500.529	15828685.45	2.2757	A	0.6
8	☐	1000.000	999.140	31160194.96	4.5422	A	0.7
9	☐			64021.21	0.0104	P	2.5

$$y = 0.0045 * x + 4.2852E-004$$

$$R = 1.0000$$

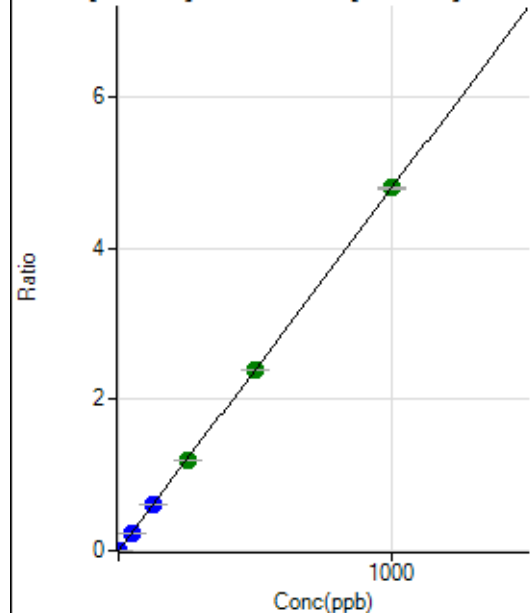
$$DL = 0.00935$$

$$BEC = 0.09427$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291.68	0.0000	P	4.7
2	☐	0.100					
3	☐	1.000	0.892	31917.79	0.0043	P	1.0
4	☐	50.000	48.636	1710796.20	0.2333	P	0.6
5	☐	125.000	125.936	4375368.19	0.6040	P	0.7
6	☐	250.000	247.350	8419740.90	1.1862	A	0.4
7	☐	500.000	498.393	16624671.03	2.3901	A	0.8
8	☐	1000.000	1001.417	32945070.52	4.8024	A	0.7
9	☐			10185.02	0.0017	P	10.4

$$y = 0.0048 * x + 3.8697E-005$$

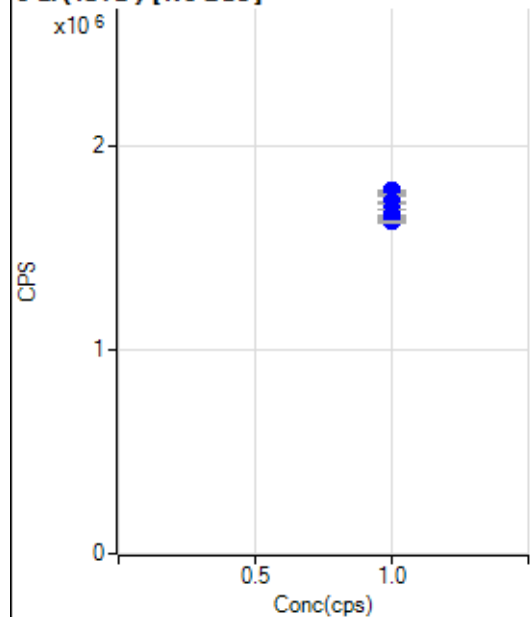
$$R = 1.0000$$

$$DL = 0.001146$$

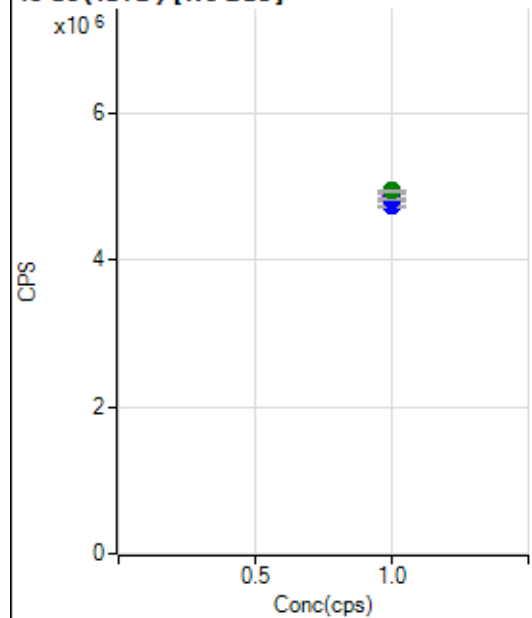
$$BEC = 0.008069$$

Weight: <None>

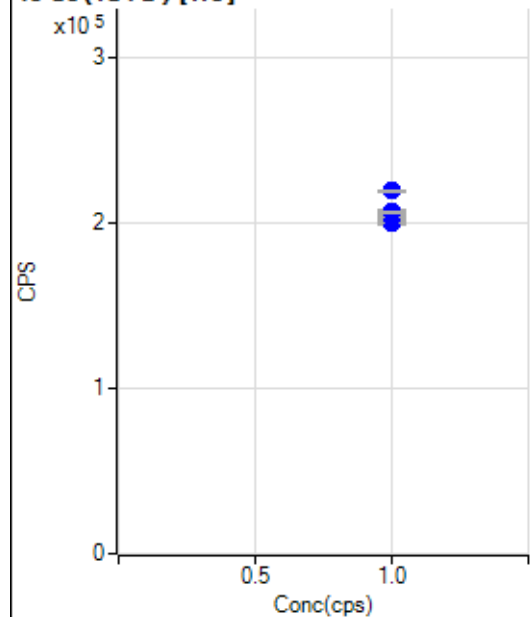
Min Conc: 0

6 Li (ISTD) [No Gas]

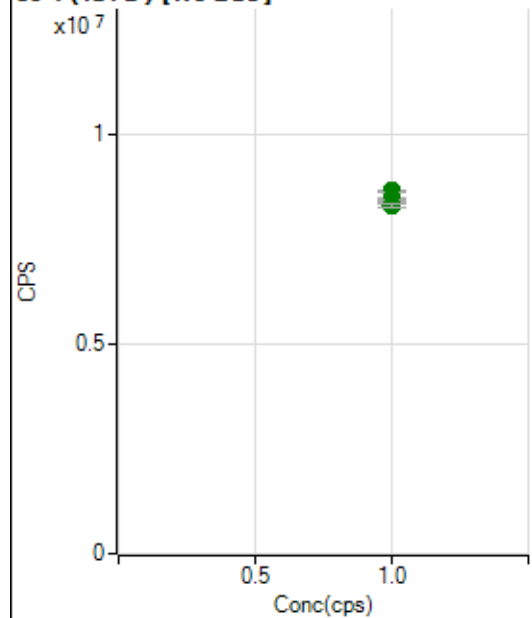
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1783953.32		P	0.2
2	☐	1.000					
3	☐	1.000		1765160.11		P	0.4
4	☐	1.000		1728870.13		P	0.4
5	☐	1.000		1718232.46		P	0.1
6	☐	1.000		1690496.97		P	0.3
7	☐	1.000		1662927.37		P	0.5
8	☐	1.000		1640549.72		P	0.2
9	☐	1.000		1635244.70		P	0.5

45 Sc (ISTD) [No Gas]

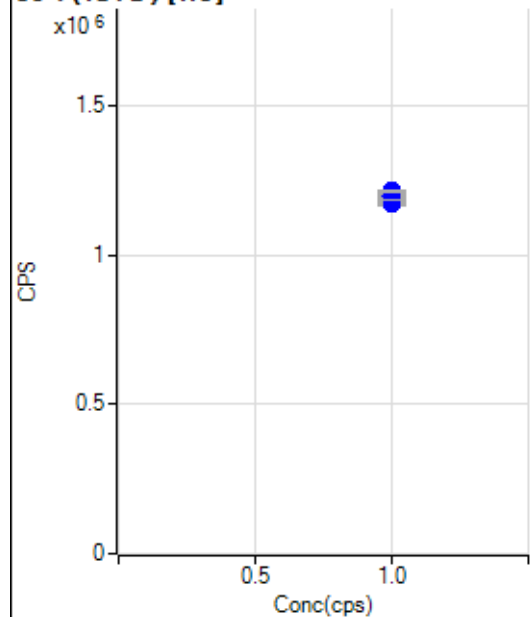
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4923833.88		A	0.4
2	☐	1.000					
3	☐	1.000		4911762.74		A	0.1
4	☐	1.000		4814901.11		M	0.5
5	☐	1.000		4872154.19		M	0.9
6	☐	1.000		4799294.64		P	0.6
7	☐	1.000		4735689.00		P	0.6
8	☐	1.000		4833544.25		P	0.5
9	☐	1.000		4945792.21		A	0.8

45 Sc (ISTD) [He]

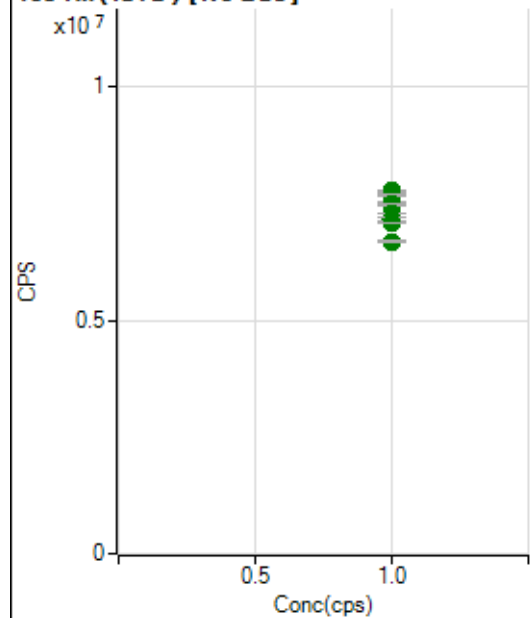
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		206915.56		P	0.9
2	☐	1.000					
3	☐	1.000		204488.18		P	0.6
4	☐	1.000		199481.38		P	0.6
5	☐	1.000		202022.13		P	0.3
6	☐	1.000		200846.10		P	0.6
7	☐	1.000		203573.33		P	0.5
8	☐	1.000		206729.01		P	0.6
9	☐	1.000		219271.45		P	0.3

89 Y (ISTD) [No Gas]

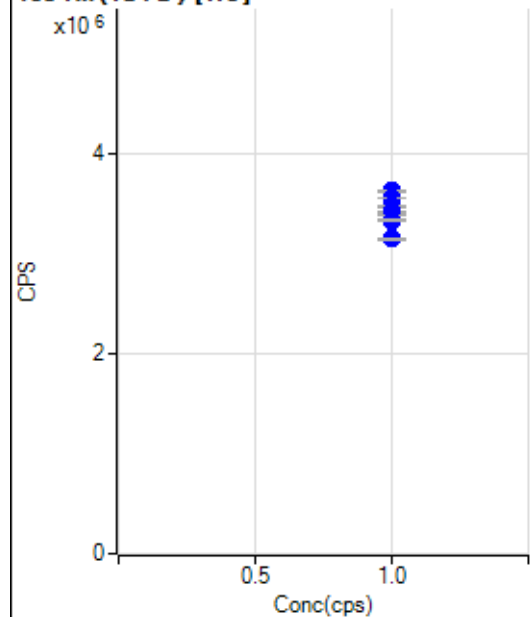
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8635272.79		A	0.4
2	☐	1.000					
3	☐	1.000		8603831.54		A	0.2
4	☐	1.000		8440968.62		A	0.9
5	☐	1.000		8466077.23		A	0.3
6	☐	1.000		8390202.65		A	0.6
7	☐	1.000		8367774.53		A	0.7
8	☐	1.000		8410474.11		A	0.4
9	☐	1.000		8296738.56		A	0.9

89 Y(ISTD) [He]

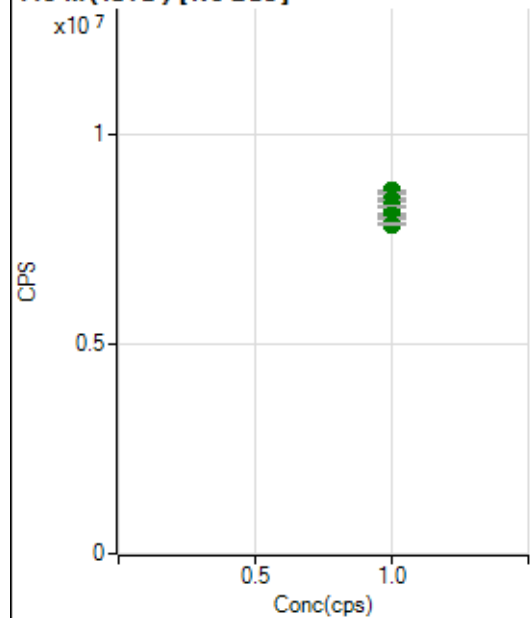
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1210182.33		P	0.3
2	☐	1.000					
3	☐	1.000		1197709.96		P	0.3
4	☐	1.000		1172728.45		P	1.1
5	☐	1.000		1185650.03		P	0.7
6	☐	1.000		1173847.07		P	0.2
7	☐	1.000		1186204.05		P	0.5
8	☐	1.000		1195437.70		P	1.1
9	☐	1.000		1215816.12		P	0.8

103 Rh(ISTD) [No Gas]

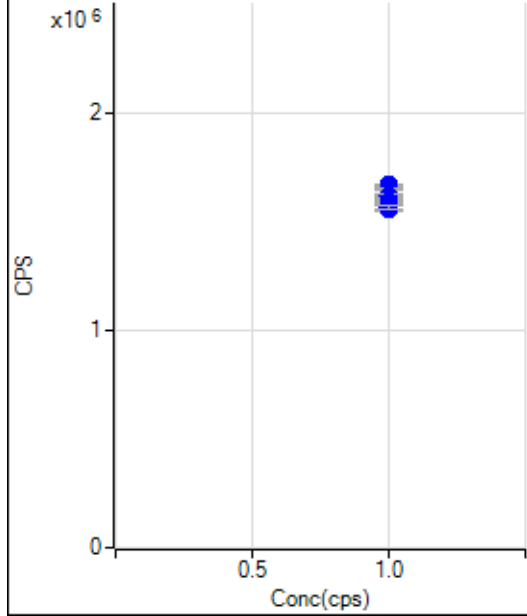
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7773592.88		A	0.2
2	☐	1.000					
3	☐	1.000		7684746.61		A	0.4
4	☐	1.000		7506807.55		A	0.9
5	☐	1.000		7487672.82		A	0.8
6	☐	1.000		7287777.33		A	0.3
7	☐	1.000		7172129.41		A	0.8
8	☐	1.000		7081777.07		A	0.1
9	☐	1.000		6694524.24		A	1.1

103 Rh (ISTD) [He]

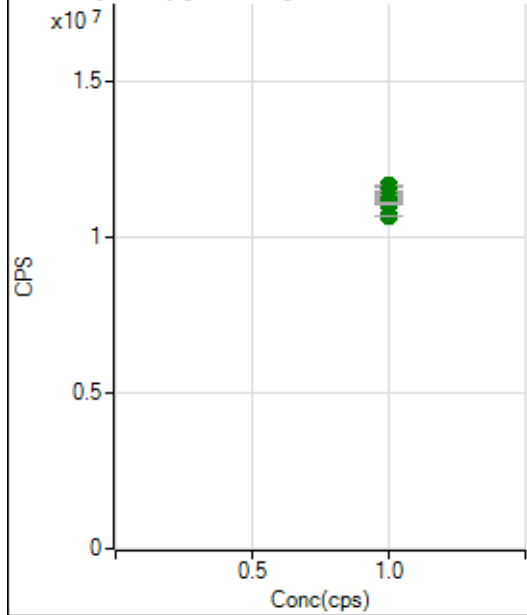
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3628341.30		P	0.2
2	☐	1.000					
3	☐	1.000		3559901.34		P	0.2
4	☐	1.000		3472740.40		P	0.5
5	☐	1.000		3476138.73		P	0.4
6	☐	1.000		3414309.53		P	0.4
7	☐	1.000		3381123.28		P	0.3
8	☐	1.000		3336561.72		P	0.7
9	☐	1.000		3147389.50		P	0.2

115 In (ISTD) [No Gas]

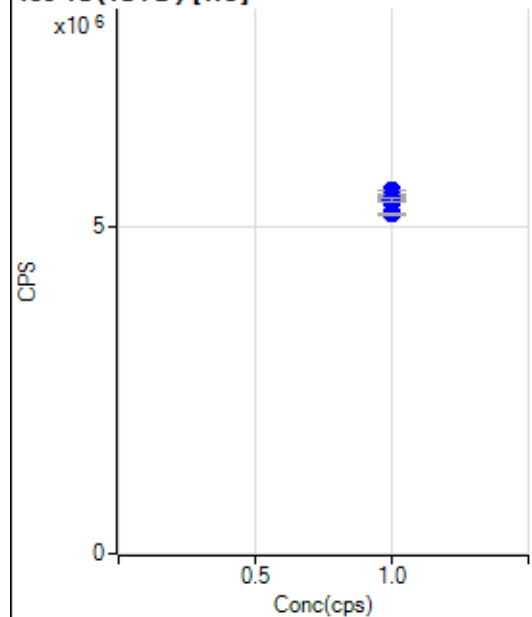
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8672132.23		A	0.5
2	☐	1.000					
3	☐	1.000		8621639.24		A	0.5
4	☐	1.000		8456147.59		A	0.7
5	☐	1.000		8438877.51		A	0.3
6	☐	1.000		8314392.20		A	0.6
7	☐	1.000		8106321.38		A	0.3
8	☐	1.000		8032082.28		A	0.4
9	☐	1.000		7873131.34		A	0.6

115 In (ISTD) [He]

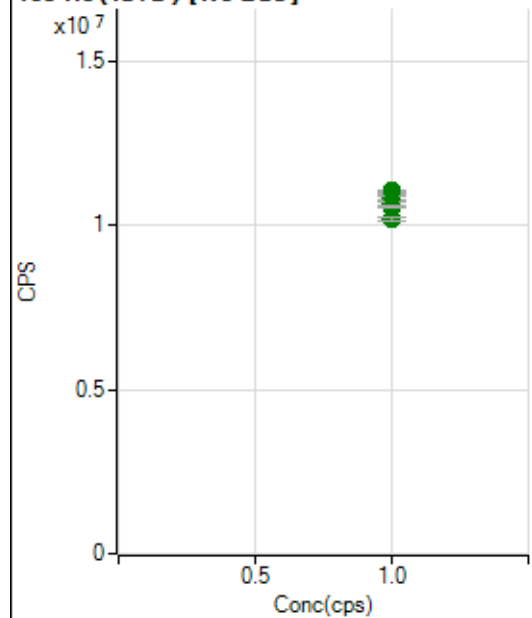
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1668318.88		P	0.3
2	☐	1.000					
3	☐	1.000		1649701.76		P	0.2
4	☐	1.000		1606779.85		P	1.0
5	☐	1.000		1618220.46		P	0.6
6	☐	1.000		1594326.53		P	0.3
7	☐	1.000		1581059.20		P	0.5
8	☐	1.000		1554137.62		P	0.8
9	☐	1.000		1564049.59		P	0.8

159 Tb (ISTD) [No Gas]

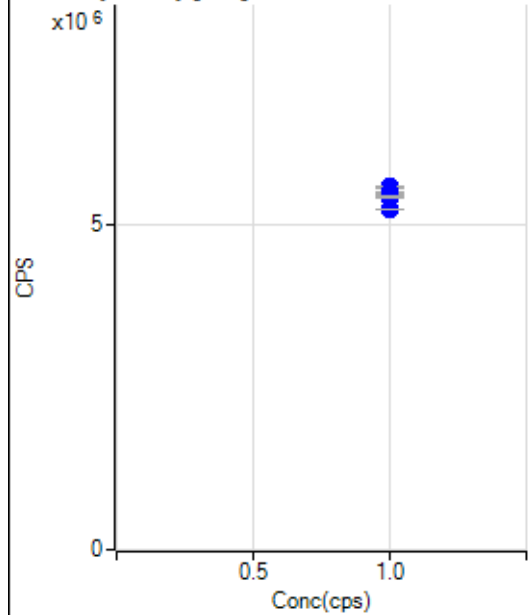
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11661404.13		A	0.7
2	☐	1.000					
3	☐	1.000		11471269.83		A	0.2
4	☐	1.000		11270558.03		A	0.8
5	☐	1.000		11331242.47		A	0.5
6	☐	1.000		11191304.28		A	0.5
7	☐	1.000		11187314.28		A	0.5
8	☐	1.000		11093792.89		A	0.8
9	☐	1.000		10689800.53		A	0.4

159 Tb (ISTD) [He]

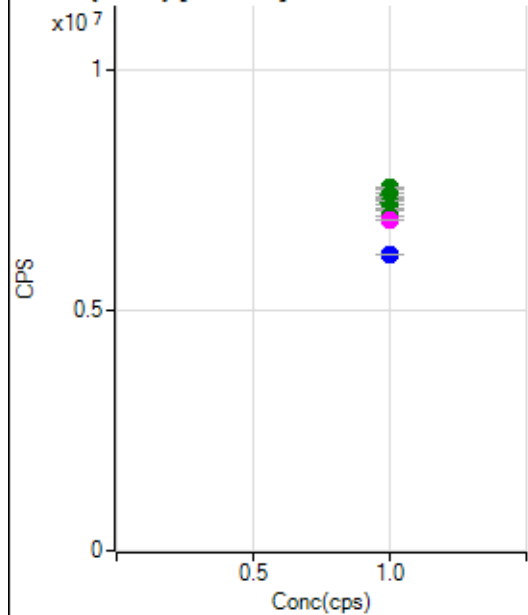
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5555959.29		P	0.1
2	☐	1.000					
3	☐	1.000		5487215.92		P	0.6
4	☐	1.000		5391885.30		P	0.5
5	☐	1.000		5424474.99		P	0.3
6	☐	1.000		5388957.00		P	0.2
7	☐	1.000		5411779.78		P	0.5
8	☐	1.000		5410146.17		P	1.0
9	☐	1.000		5202846.90		P	0.2

165 Ho (ISTD) [No Gas]

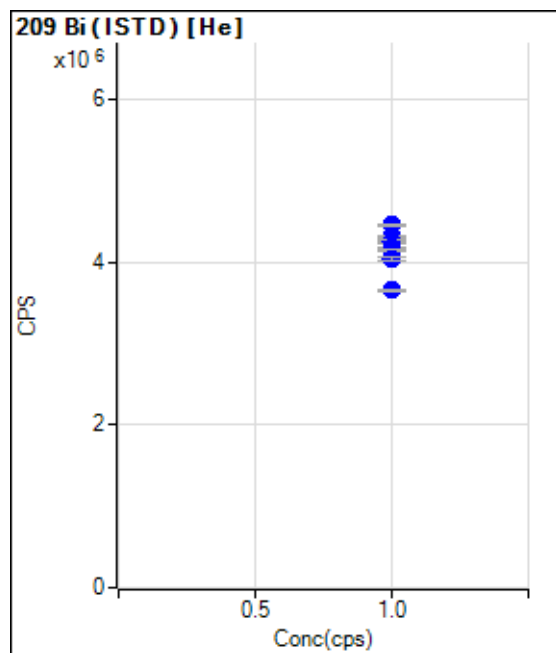
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11061471.60		A	0.3
2	☐	1.000					
3	☐	1.000		10934538.53		A	1.0
4	☐	1.000		10837735.48		A	0.7
5	☐	1.000		10837622.81		A	0.7
6	☐	1.000		10757084.70		A	0.2
7	☐	1.000		10666022.11		A	0.7
8	☐	1.000		10575425.58		A	0.2
9	☐	1.000		10202808.99		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5576557.59		P	0.6
2	☐	1.000					
3	☐	1.000		5485167.83		P	0.3
4	☐	1.000		5421940.79		P	0.1
5	☐	1.000		5425186.13		P	1.0
6	☐	1.000		5410149.05		P	0.3
7	☐	1.000		5434816.58		P	0.6
8	☐	1.000		5420361.66		P	0.9
9	☐	1.000		5235597.46		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7537072.18		A	0.2
2	☐	1.000					
3	☐	1.000		7394302.67		A	0.7
4	☐	1.000		7333927.94		A	0.7
5	☐	1.000		7244596.49		A	1.0
6	☐	1.000		7097981.91		A	0.7
7	☐	1.000		6955566.84		A	0.3
8	☐	1.000		6860136.56		M	0.2
9	☐	1.000		6155187.89		P	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4463773.13		P	0.6
2	☐	1.000					
3	☐	1.000		4326354.83		P	0.4
4	☐	1.000		4270273.09		P	0.3
5	☐	1.000		4255558.16		P	0.8
6	☐	1.000		4181936.57		P	0.4
7	☐	1.000		4148570.81		P	0.5
8	☐	1.000		4044009.87		P	0.9
9	☐	1.000		3658494.67		P	0.4

US EPA Tune Check Sample Report

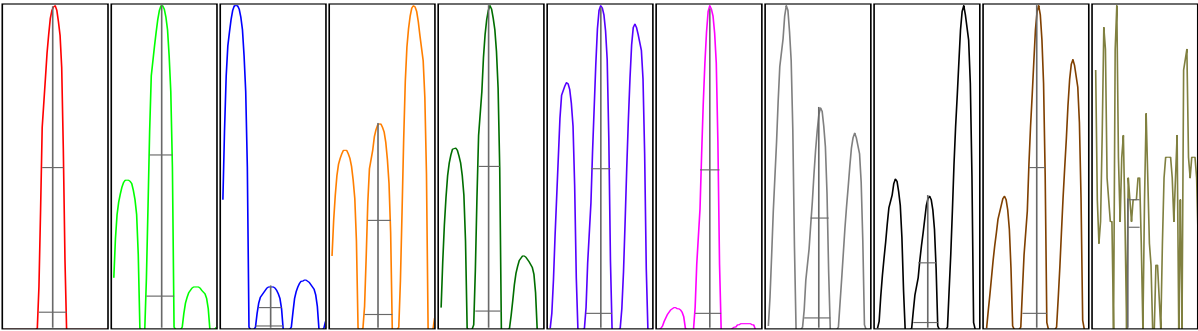
Batch Folder D:\ICP-MS Data\P7070117-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7757	0.39	5.00	
24	124641	0.31	5.00	
25	16430	0.52	5.00	
26	19021	0.53	5.00	
59	80202	0.43	5.00	
113	11461	0.55	5.00	
115	161502	0.25	5.00	
206	32590	0.81	5.00	
207	28570	0.94	5.00	
208	69157	0.72	5.00	
220	0	32.97		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7708	7754	7786	7776	7759
24	123990	124706	125030	124822	124658
25	16299	16401	16522	16447	16482
26	18892	18957	19121	19117	19018
59	79609	80208	80371	80322	80501
113	11354	11455	11489	11503	11503
115	160985	161975	161458	161815	161278
206	32142	32606	32623	32762	32815
207	28136	28497	28728	28803	28688
208	68271	69428	69291	69333	69460
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12801	8.95	8.9 - 9.1		0.819	0.900	
24	195820	23.95	23.9 - 24.1		0.807	0.900	
25	25972	24.95	24.9 - 25.1		0.789	0.900	
26	29803	25.90	25.9 - 26.1		0.809	0.900	
59	136220	58.95	58.9 - 59.1		0.782	0.900	
113	22354	113.05	112.9 - 113.1		0.751	0.900	
115	316328	115.05	114.9 - 115.1		0.751	0.900	
206	66941	206.05	205.9 - 206.1		0.763	0.900	
207	59164	207.05	206.9 - 207.1		0.730	0.900	
208	144127	208.05	207.9 - 208.1		0.728	0.900	
220	0	219.55	-		0.324		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.9	V	Deflect	13.8	V
Extract 2	-155.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	19797	0.74	
89	5591	0.99	
205	28303	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	19786	19782	19888	19960	19570
89	5597	5595	5612	5649	5500
205	28292	28271	28489	28357	28108

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V	Deflect	2.0	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1						ppb
Boron	10-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2						ppb
Iron	57-2						ppb
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				96		%
Magnesium	24-2						ppb
Manganese	55-2						ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2						ppb
Selenium	78-2						ppb
Selenium	82-1						ppb
Silicon	28-1						ppb
Silver	109-1						ppb
Silver	107-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2						ppb
Zirconium	90-1						ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

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

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	0.07	0.28	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.05	-0.01	-0.04	0.00	N/A	ppb
Boron	10-1	-0.09	0.22	-0.13	0.00	N/A	ppb
Cadmium	106-1	0.81	-0.69	-0.12	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.06	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.05	-0.01	0.00	N/A	ppb
Calcium	43-1	1.90	-0.95	-0.95	0.00	N/A	ppb
Calcium	44-1	0.87	0.16	-1.03	0.00	N/A	ppb
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.06	0.09	-0.03	0.00	N/A	ppb
Iron	57-2	1.20	-0.79	-0.40	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.68	-0.68	0.00	0.00	N/A	ppb
Manganese	55-2	0.04	-0.02	-0.02	0.00	N/A	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00	N/A	ppb
Phosphorus	31-2	13.15	-5.69	-12.20	-1.58		ppb
Potassium	39-2	0.12	2.03	-2.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.78	-0.25	-0.53	0.00	N/A	ppb
Selenium	82-1	0.74	-0.35	-0.39	0.00	N/A	ppb
Silicon	28-1	0.53	0.03	-0.56	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.66	0.21	-0.87	0.00	N/A	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	N/A	ppb
Sulfur	34-1	50.84	37.58	-82.26	2.05	3575.71	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.03	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

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

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.48	18.65	18.12	18.75	3.66	ppb
Antimony	121-1	1.81	1.79	1.93	1.84	4.13	ppb
Arsenic	75-2	0.80	0.81	0.95	0.85	9.68	ppb
Barium	135-1	8.92	9.26	9.22	9.13	2.06	ppb
Barium	137-1	8.85	9.26	9.11	9.07	2.30	ppb
Beryllium	9-1	0.92	0.92	0.93	0.92	0.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	19.90	21.18	21.58	20.89	4.21	ppb
Boron	10-1	22.19	21.52	21.22	21.64	2.31	ppb
Cadmium	106-1	0.56	1.71	1.43	1.23	48.83	ppb
Cadmium	108-1	0.98	0.90	1.33	1.07	21.69	ppb
Cadmium	111-1	0.94	1.02	0.96	0.97	4.27	ppb
Calcium	43-1	449.92	433.06	437.01	440.00	2.00	ppb
Calcium	44-1	443.64	440.42	439.61	441.22	0.48	ppb
Chromium	52-2	2.02	2.05	2.00	2.02	1.22	ppb
Cobalt	59-2	0.94	0.89	0.97	0.93	4.39	ppb
Copper	63-2	2.18	2.32	2.32	2.27	3.75	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	49.29	49.71	48.31	49.10	1.47	ppb
Iron	57-2	51.25	49.83	49.36	50.15	1.96	ppb
Lead	206-1	1.18	1.14	1.17	1.16	1.74	ppb
Lead	207-1	1.09	1.11	1.11	1.10	0.78	ppb
Lead	208-1	1.15	1.13	1.11	1.13	2.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	457.52	467.60	474.81	466.64	1.86	ppb
Manganese	55-2	0.85	0.92	0.94	0.90	5.46	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.56	4.43	4.48	4.49	1.53	ppb
Molybdenum	94-1	1.93	1.98	1.96	1.96	1.32	ppb
Molybdenum	95-1	4.49	4.51	4.53	4.51	0.49	ppb
Molybdenum	96-1	3.84	3.82	3.80	3.82	0.55	ppb
Molybdenum	97-1	4.43	4.31	4.78	4.50	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.08	1.05	1.08	2.25	ppb
Phosphorus	31-2	40.90	-22.36	-13.81	1.58	2176.31	ppb
Potassium	39-2	456.30	444.77	457.27	452.78	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	3.37	5.60	3.38	4.12	31.13	ppb
Selenium	78-2	7.66	6.31	7.77	7.25	11.25	ppb
Selenium	82-1	4.92	5.45	5.39	5.25	5.50	ppb
Silicon	28-1	8.27	9.14	8.57	8.66	5.13	ppb
Silver	109-1	1.19	1.27	1.23	1.23	3.32	ppb
Silver	107-1	1.25	1.28	1.23	1.25	2.31	ppb
Sodium	23-2	476.58	478.54	477.16	477.43	0.21	ppb
Strontium	86-1	0.96	0.93	0.90	0.93	3.16	ppb
Strontium	88-1	0.95	0.93	0.91	0.93	2.20	ppb
Sulfur	34-1	47.21	-9.29	-44.07	-2.05		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.91	0.90	0.92	0.91	1.07	ppb
Thallium	205-1	0.92	0.94	0.92	0.93	1.52	ppb
Tin	118-1	4.43	4.58	4.63	4.55	2.32	ppb
Titanium	47-1	4.45	4.60	4.58	4.55	1.82	ppb
Uranium	238-1	0.88	0.89	0.90	0.89	0.98	ppb
Vanadium	51-2	4.65	4.70	4.59	4.65	1.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.00	2.36	2.11	2.16	8.41	ppb
Zirconium	90-1	0.84	0.86	0.82	0.84	2.49	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.84	0.79	0.84	6.70	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	988.29	1018.42	1025.91	1010.88	1.97	ppb
Antimony	121-1	47.96	49.28	48.81	48.68	1.38	ppb
Arsenic	75-2	51.64	51.20	50.22	51.02	1.42	ppb
Barium	135-1	244.31	248.18	246.29	246.26	0.79	ppb
Barium	137-1	249.01	251.01	249.88	249.97	0.40	ppb
Beryllium	9-1	50.88	51.01	50.37	50.75	0.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	11-1	46.77	47.92	46.46	47.05	1.63	ppb
Boron	10-1	47.57	48.17	48.09	47.95	0.68	ppb
Cadmium	106-1	51.67	51.64	49.12	50.81	2.88	ppb
Cadmium	108-1	49.24	52.78	52.35	51.45	3.75	ppb
Cadmium	111-1	52.34	52.60	51.54	52.16	1.05	ppb
Calcium	43-1	4859.73	4929.31	4901.28	4896.78	0.71	ppb
Calcium	44-1	4929.93	4927.79	4911.98	4923.23	0.20	ppb
Chromium	52-2	51.91	51.73	51.26	51.63	0.65	ppb
Cobalt	59-2	51.73	52.11	52.04	51.96	0.39	ppb
Copper	63-2	106.56	106.53	105.67	106.25	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	2726.93	2730.27	2711.90	2723.03	0.36	ppb
Iron	57-2	2650.19	2669.35	2681.52	2667.02	0.59	ppb
Lead	206-1	49.64	50.54	49.67	49.95	1.02	ppb
Lead	207-1	49.03	49.53	49.01	49.19	0.60	ppb
Lead	208-1	49.11	49.60	49.26	49.32	0.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	5185.40	5192.56	5131.57	5169.84	0.64	ppb
Manganese	55-2	102.35	103.01	102.28	102.55	0.39	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.78	48.76	49.58	49.37	1.10	ppb
Molybdenum	94-1	49.42	48.70	50.17	49.43	1.49	ppb
Molybdenum	95-1	50.21	48.83	49.86	49.64	1.44	ppb
Molybdenum	96-1	49.69	48.82	49.24	49.25	0.88	ppb
Molybdenum	97-1	50.21	48.12	49.37	49.23	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.31	54.68	52.82	53.94	1.83	ppb
Phosphorus	31-2	1055.32	1147.05	1059.22	1087.20	4.77	ppb
Potassium	39-2	2445.94	2476.85	2500.31	2474.37	1.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	43.55	55.64	61.88	53.69	17.35	ppb
Selenium	78-2	56.56	57.86	52.70	55.70	4.82	ppb
Selenium	82-1	51.55	51.80	52.02	51.79	0.45	ppb
Silicon	28-1	56.75	57.91	56.13	56.93	1.59	ppb
Silver	109-1	50.85	51.58	51.41	51.28	0.75	ppb
Silver	107-1	51.47	51.67	51.03	51.39	0.64	ppb
Sodium	23-2	5226.09	5216.58	5180.38	5207.68	0.46	ppb
Strontium	86-1	50.23	49.93	49.98	50.05	0.32	ppb
Strontium	88-1	50.38	49.78	50.75	50.30	0.97	ppb
Sulfur	34-1	957.36	952.28	934.68	948.11	1.26	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	48.20	48.56	48.25	48.34	0.41	ppb
Thallium	205-1	49.00	50.01	49.00	49.34	1.18	ppb
Tin	118-1	49.42	49.71	49.64	49.59	0.31	ppb
Titanium	47-1	49.81	49.96	50.39	50.06	0.60	ppb
Uranium	238-1	48.36	48.92	48.63	48.64	0.57	ppb
Vanadium	51-2	50.71	50.41	50.64	50.59	0.31	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	106.77	110.10	110.74	109.20	1.95	ppb
Zirconium	90-1	48.97	48.70	49.53	49.06	0.87	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.02	49.24	49.62	49.29	0.61	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2509.68	2494.78	2464.75	2489.74	0.92	ppb
Antimony	121-1	123.39	123.60	124.74	123.91	0.59	ppb
Arsenic	75-2	126.64	125.36	128.25	126.75	1.14	ppb
Barium	135-1	616.49	617.84	621.64	618.66	0.43	ppb
Barium	137-1	626.86	629.58	629.55	628.66	0.25	ppb
Beryllium	9-1	127.23	127.74	126.62	127.20	0.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	11-1	116.83	120.30	123.28	120.14	2.69	ppb
Boron	10-1	116.66	116.95	121.25	118.28	2.17	ppb
Cadmium	106-1	127.61	131.80	126.97	128.79	2.03	ppb
Cadmium	108-1	130.62	123.96	129.61	128.07	2.80	ppb
Cadmium	111-1	127.90	130.21	130.27	129.46	1.05	ppb
Calcium	43-1	12116.97	12200.21	12232.16	12183.11	0.49	ppb
Calcium	44-1	12211.52	12104.68	11995.96	12104.05	0.89	ppb
Chromium	52-2	128.42	128.58	128.26	128.42	0.12	ppb
Cobalt	59-2	129.99	129.12	129.60	129.57	0.34	ppb
Copper	63-2	263.50	262.39	264.06	263.31	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6671.96	6697.52	6624.88	6664.79	0.55	ppb
Iron	57-2	6622.08	6685.87	6598.58	6635.51	0.68	ppb
Lead	206-1	125.48	126.94	127.15	126.52	0.72	ppb
Lead	207-1	123.41	125.75	123.82	124.33	1.01	ppb
Lead	208-1	124.65	126.14	125.57	125.45	0.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	12775.11	12876.62	12743.84	12798.52	0.54	ppb
Manganese	55-2	254.46	256.83	256.11	255.80	0.48	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	124.34	123.93	124.19	124.15	0.17	ppb
Molybdenum	94-1	124.41	124.45	123.87	124.24	0.26	ppb
Molybdenum	95-1	124.73	124.62	123.74	124.36	0.44	ppb
Molybdenum	96-1	125.19	124.61	123.70	124.50	0.60	ppb
Molybdenum	97-1	124.56	125.52	123.93	124.67	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.12	132.10	133.33	132.85	0.50	ppb
Phosphorus	31-2	2600.99	2460.12	2738.28	2599.80	5.35	ppb
Potassium	39-2	6145.45	6199.26	6190.39	6178.37	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	136.23	138.71	118.34	131.09	8.48	ppb
Selenium	78-2	134.51	131.07	131.28	132.29	1.46	ppb
Selenium	82-1	132.01	133.58	129.93	131.84	1.39	ppb
Silicon	28-1	142.89	141.56	142.17	142.21	0.47	ppb
Silver	109-1	126.36	127.27	128.60	127.41	0.89	ppb
Silver	107-1	127.08	128.09	128.68	127.95	0.63	ppb
Sodium	23-2	12991.21	12855.98	12740.35	12862.52	0.98	ppb
Strontium	86-1	124.42	126.23	124.90	125.18	0.75	ppb
Strontium	88-1	125.75	126.88	126.81	126.48	0.50	ppb
Sulfur	34-1	2260.35	2078.16	2146.08	2161.53	4.26	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	122.36	124.39	123.43	123.39	0.82	ppb
Thallium	205-1	123.42	126.92	126.26	125.53	1.48	ppb
Tin	118-1	124.40	125.20	125.80	125.13	0.56	ppb
Titanium	47-1	124.49	124.36	123.79	124.21	0.30	ppb
Uranium	238-1	125.05	126.83	125.92	125.94	0.71	ppb
Vanadium	51-2	126.29	126.35	125.97	126.20	0.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	271.72	270.53	270.40	270.88	0.27	ppb
Zirconium	90-1	124.65	124.63	124.52	124.60	0.06	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.54	124.73	123.99	124.42	0.31	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4933.74	4905.86	4920.85	4920.15	0.28	ppb
Antimony	121-1	248.09	249.65	250.26	249.33	0.45	ppb
Arsenic	75-2	248.60	252.80	250.89	250.76	0.84	ppb
Barium	135-1	1247.73	1242.11	1242.40	1244.08	0.25	ppb
Barium	137-1	1269.56	1262.32	1269.72	1267.20	0.33	ppb
Beryllium	9-1	252.58	252.31	252.91	252.60	0.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	11-1	239.20	242.40	244.54	242.05	1.11	ppb
Boron	10-1	240.47	244.99	244.11	243.19	0.98	ppb
Cadmium	106-1	257.74	261.08	261.44	260.09	0.78	ppb
Cadmium	108-1	258.09	256.50	254.98	256.52	0.61	ppb
Cadmium	111-1	256.80	257.21	259.56	257.86	0.58	ppb
Calcium	43-1	24466.34	24348.43	24434.41	24416.39	0.25	ppb
Calcium	44-1	24161.98	23957.72	24408.13	24175.94	0.93	ppb
Chromium	52-2	252.34	254.59	251.83	252.92	0.58	ppb
Cobalt	59-2	253.87	257.06	254.98	255.30	0.63	ppb
Copper	63-2	514.98	519.82	517.43	517.41	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	13145.20	13302.21	13093.62	13180.34	0.82	ppb
Iron	57-2	13041.72	13127.02	12998.56	13055.77	0.50	ppb
Lead	206-1	250.91	253.01	253.38	252.43	0.53	ppb
Lead	207-1	247.01	248.70	250.29	248.67	0.66	ppb
Lead	208-1	250.48	253.31	253.08	252.29	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	25356.74	25202.19	24993.26	25184.06	0.72	ppb
Manganese	55-2	503.55	509.69	504.26	505.83	0.66	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	249.45	246.39	247.26	247.70	0.64	ppb
Molybdenum	94-1	251.25	248.72	249.26	249.74	0.53	ppb
Molybdenum	95-1	248.99	247.01	247.75	247.91	0.40	ppb
Molybdenum	96-1	248.86	247.53	246.20	247.53	0.54	ppb
Molybdenum	97-1	249.08	247.35	245.69	247.38	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.53	261.48	257.69	259.23	0.77	ppb
Phosphorus	31-2	5332.99	5201.69	5204.16	5246.28	1.43	ppb
Potassium	39-2	12325.69	12343.98	12175.50	12281.72	0.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	250.82	259.56	242.57	250.98	3.38	ppb
Selenium	78-2	261.06	254.86	261.45	259.12	1.43	ppb
Selenium	82-1	260.85	256.54	257.10	258.16	0.91	ppb
Silicon	28-1	285.43	281.80	285.59	284.27	0.75	ppb
Silver	109-1	254.60	253.23	254.28	254.04	0.28	ppb
Silver	107-1	255.06	253.08	253.77	253.97	0.40	ppb
Sodium	23-2	25338.29	25254.19	25121.56	25238.02	0.43	ppb
Strontium	86-1	250.32	247.54	246.55	248.14	0.79	ppb
Strontium	88-1	253.25	249.39	249.98	250.88	0.83	ppb
Sulfur	34-1	4701.34	4465.57	4590.03	4585.65	2.57	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	247.80	246.49	250.32	248.20	0.79	ppb
Thallium	205-1	251.66	253.52	254.88	253.35	0.64	ppb
Tin	118-1	248.21	249.64	249.00	248.95	0.29	ppb
Titanium	47-1	250.23	248.66	250.59	249.83	0.41	ppb
Uranium	238-1	246.22	247.94	247.90	247.35	0.40	ppb
Vanadium	51-2	249.38	250.18	249.16	249.57	0.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	528.69	534.04	527.27	530.00	0.67	ppb
Zirconium	90-1	250.66	249.51	251.23	250.47	0.35	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.60	246.37	246.92	247.63	0.70	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9736.71	9659.71	9673.52	9689.98	0.42	ppb
Antimony	121-1	497.44	495.51	499.31	497.42	0.38	ppb
Arsenic	75-2	496.58	504.57	496.62	499.26	0.92	ppb
Barium	135-1	2499.84	2496.21	2510.68	2502.24	0.30	ppb
Barium	137-1	2482.11	2472.47	2460.35	2471.64	0.44	ppb
Beryllium	9-1	499.53	505.37	497.19	500.70	0.84	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	11-1	486.78	491.06	495.22	491.02	0.86	ppb
Boron	10-1	488.35	493.12	503.10	494.86	1.52	ppb
Cadmium	106-1	489.54	496.64	500.52	495.56	1.12	ppb
Cadmium	108-1	498.11	504.73	508.18	503.67	1.02	ppb
Cadmium	111-1	500.88	497.92	504.58	501.13	0.67	ppb
Calcium	43-1	48879.67	48721.57	48694.61	48765.28	0.21	ppb
Calcium	44-1	48831.15	48376.81	48511.52	48573.16	0.48	ppb
Chromium	52-2	500.76	496.23	498.96	498.65	0.46	ppb
Cobalt	59-2	500.62	500.44	501.95	501.00	0.16	ppb
Copper	63-2	1006.28	1010.03	1005.55	1007.29	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	25870.61	25726.76	25831.39	25809.59	0.29	ppb
Iron	57-2	25481.99	25608.91	25626.56	25572.49	0.31	ppb
Lead	206-1	505.25	513.76	506.70	508.57	0.90	ppb
Lead	207-1	498.11	503.36	498.35	499.94	0.59	ppb
Lead	208-1	499.74	503.90	497.95	500.53	0.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	49581.05	48823.27	49030.79	49145.04	0.80	ppb
Manganese	55-2	999.70	993.47	998.12	997.10	0.32	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	499.09	499.55	499.93	499.52	0.08	ppb
Molybdenum	94-1	505.45	502.56	498.59	502.20	0.69	ppb
Molybdenum	95-1	497.71	495.17	497.62	496.83	0.29	ppb
Molybdenum	96-1	499.37	496.69	498.59	498.22	0.28	ppb
Molybdenum	97-1	497.93	497.92	497.74	497.86	0.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.68	506.39	504.80	506.62	0.38	ppb
Phosphorus	31-2	9960.11	9853.51	9826.15	9879.92	0.72	ppb
Potassium	39-2	24515.56	24467.44	24542.76	24508.59	0.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	513.41	479.77	482.35	491.84	3.81	ppb
Selenium	78-2	507.37	496.67	509.74	504.59	1.38	ppb
Selenium	82-1	510.30	505.45	502.96	506.24	0.74	ppb
Silicon	28-1	571.48	568.61	570.29	570.13	0.25	ppb
Silver	109-1	498.79	497.45	500.86	499.03	0.34	ppb
Silver	107-1	499.52	498.03	501.41	499.65	0.34	ppb
Sodium	23-2	50033.53	49506.66	49546.65	49695.61	0.59	ppb
Strontium	86-1	501.52	494.64	492.84	496.34	0.92	ppb
Strontium	88-1	500.94	495.36	495.28	497.19	0.65	ppb
Sulfur	34-1	9991.74	9876.21	9775.90	9881.28	1.09	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	496.45	504.55	502.24	501.08	0.83	ppb
Thallium	205-1	493.55	498.15	500.03	497.25	0.67	ppb
Tin	118-1	498.02	497.23	501.88	499.04	0.50	ppb
Titanium	47-1	499.64	502.76	500.42	500.94	0.32	ppb
Uranium	238-1	501.33	500.11	493.75	498.39	0.82	ppb
Vanadium	51-2	497.02	493.91	493.47	494.80	0.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1017.18	1019.54	1015.33	1017.35	0.21	ppb
Zirconium	90-1	497.50	496.86	495.05	496.47	0.26	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.17	494.33	493.76	495.42	0.48	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19348.72	19210.01	19336.09	19298.27	0.40	ppb
Antimony	121-1	1004.36	997.77	1002.85	1001.66	0.34	ppb
Arsenic	75-2	1011.55	988.62	999.56	999.91	1.15	ppb
Barium	135-1	5015.75	4953.73	5034.54	5001.34	0.85	ppb
Barium	137-1	5008.59	4947.52	5072.16	5009.42	1.24	ppb
Beryllium	9-1	998.69	997.05	1000.33	998.69	0.16	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	11-1	995.42	1007.64	1018.95	1007.34	1.17	ppb
Boron	10-1	982.56	1006.24	1027.11	1005.30	2.22	ppb
Cadmium	106-1	1004.92	993.70	998.93	999.18	0.56	ppb
Cadmium	108-1	994.87	989.32	1004.04	996.08	0.75	ppb
Cadmium	111-1	999.68	983.45	1007.29	996.81	1.22	ppb
Calcium	43-1	97798.53	97451.03	97248.18	97499.25	0.29	ppb
Calcium	44-1	96809.20	95935.33	96793.90	96512.81	0.52	ppb
Chromium	52-2	1000.03	998.71	999.56	999.44	0.07	ppb
Cobalt	59-2	997.01	999.35	996.15	997.50	0.17	ppb
Copper	63-2	1985.22	1995.82	1989.04	1990.03	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	51607.14	51619.05	51427.95	51551.38	0.21	ppb
Iron	57-2	51489.16	51367.12	51170.04	51342.11	0.31	ppb
Lead	206-1	992.14	994.45	998.17	994.92	0.31	ppb
Lead	207-1	999.82	996.46	1005.18	1000.49	0.44	ppb
Lead	208-1	990.91	1003.11	1003.40	999.14	0.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	97964.46	97791.81	97391.35	97715.87	0.30	ppb
Manganese	55-2	1998.70	1998.22	2000.50	1999.14	0.06	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1005.17	1000.07	997.62	1000.95	0.38	ppb
Molybdenum	94-1	1003.14	1004.10	990.06	999.10	0.78	ppb
Molybdenum	95-1	1004.35	1004.28	997.99	1002.20	0.36	ppb
Molybdenum	96-1	999.22	1000.90	1004.72	1001.61	0.28	ppb
Molybdenum	97-1	1002.12	1004.91	998.40	1001.81	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.21	995.82	991.57	993.20	0.23	ppb
Phosphorus	31-2	20149.03	19825.80	19970.07	19981.63	0.81	ppb
Potassium	39-2	49117.55	48733.82	48657.83	48836.40	0.50	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	1015.52	1010.16	982.99	1002.89	1.74	ppb
Selenium	78-2	1003.62	983.45	995.58	994.22	1.02	ppb
Selenium	82-1	996.92	988.63	996.14	993.89	0.46	ppb
Silicon	28-1	959.46	955.67	946.52	953.88	0.70	ppb
Silver	109-1	996.94	995.48	1004.90	999.11	0.51	ppb
Silver	107-1	1006.91	989.95	999.36	998.74	0.85	ppb
Sodium	23-2	99315.49	98021.77	98581.17	98639.47	0.66	ppb
Strontium	86-1	1002.32	1004.68	999.82	1002.27	0.24	ppb
Strontium	88-1	995.95	1004.76	1002.24	1000.99	0.45	ppb
Sulfur	34-1	20382.49	20185.10	20055.96	20207.85	0.81	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	999.96	993.89	1006.73	1000.19	0.64	ppb
Thallium	205-1	989.60	1008.09	1003.83	1000.51	0.97	ppb
Tin	118-1	1005.40	990.06	1006.78	1000.75	0.93	ppb
Titanium	47-1	999.64	999.73	999.65	999.67	0.00	ppb
Uranium	238-1	1000.04	1009.24	994.97	1001.42	0.72	ppb
Vanadium	51-2	1002.77	1000.33	1004.49	1002.53	0.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	1988.64	1973.84	1979.79	1980.76	0.38	ppb
Zirconium	90-1	1005.02	1005.94	994.28	1001.75	0.65	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1007.07	1000.50	1001.40	1002.99	0.36	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99888.53	100554.76	100083.17	100175.49	0.34	ppb
Antimony	121-1	3.75	3.58	3.63	3.65	2.38	ppb
Arsenic	75-2	0.74	0.80	0.84	0.80	6.64	ppb
Barium	135-1	2.85	2.69	2.28	2.61	11.29	ppb
Barium	137-1	2.78	2.54	2.30	2.54	9.37	ppb
Beryllium	9-1	0.97	0.68	0.81	0.82	17.51	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	11-1	64.36	58.78	55.50	59.55	7.52	ppb
Boron	10-1	62.87	59.08	55.49	59.15	6.24	ppb
Cadmium	106-1	-0.35	1.69	0.84	0.72	141.73	ppb
Cadmium	108-1	0.59	0.27	0.33	0.40	44.00	ppb
Cadmium	111-1	0.31	0.43	0.37	0.37	16.29	ppb
Calcium	43-1	499450.65	496860.67	505674.14	500661.82	0.90	ppb
Calcium	44-1	502795.45	496026.24	503854.46	500892.05	0.85	ppb
Chromium	52-2	23.31	23.71	23.73	23.58	1.02	ppb
Cobalt	59-2	1.63	1.67	1.67	1.65	1.49	ppb
Copper	63-2	4.12	4.00	3.87	4.00	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	247989.39	249754.97	250942.09	249562.15	0.60	ppb
Iron	57-2	247691.98	249006.24	252207.47	249635.23	0.93	ppb
Lead	206-1	2.28	2.24	2.26	2.26	0.76	ppb
Lead	207-1	2.19	2.13	2.09	2.14	2.40	ppb
Lead	208-1	2.26	2.18	2.14	2.19	2.66	ppb
Lithium	6-1				92		%
Magnesium	24-2	498350.21	499997.43	503224.33	500523.99	0.50	ppb
Manganese	55-2	8.49	8.58	8.81	8.63	1.89	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CAL5_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.64	4.60	4.64	4.63	0.55	ppb
Molybdenum	94-1	1.67	1.55	1.76	1.66	6.40	ppb
Molybdenum	95-1	4.81	4.54	4.48	4.61	3.76	ppb
Molybdenum	96-1	4.82	4.72	4.73	4.76	1.22	ppb
Molybdenum	97-1	4.72	4.70	4.67	4.70	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.31	14.20	13.73	14.08	2.18	ppb
Phosphorus	31-2	12.53	12.32	14.31	13.05	8.40	ppb
Potassium	39-2	249049.70	249545.93	252289.12	250294.92	0.70	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	1.12	0.00	0.55	0.55	100.59	ppb
Selenium	78-2	1.43	1.60	1.84	1.62	12.56	ppb
Selenium	82-1	2.24	0.48	1.68	1.46	61.22	ppb
Silicon	28-1	18.36	17.52	19.71	18.53	5.95	ppb
Silver	109-1	0.23	0.22	0.21	0.22	6.00	ppb
Silver	107-1	0.28	0.25	0.20	0.24	17.13	ppb
Sodium	23-2	498780.59	498136.88	503921.11	500279.53	0.63	ppb
Strontium	86-1	34.60	34.07	34.64	34.44	0.92	ppb
Strontium	88-1	33.86	33.85	33.78	33.83	0.14	ppb
Sulfur	34-1	-445.69	-669.39	-456.52	-523.87		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.67	0.60	0.59	0.62	6.70	ppb
Thallium	205-1	0.69	0.61	0.59	0.63	8.71	ppb
Tin	118-1	1.54	1.46	1.41	1.47	4.35	ppb
Titanium	47-1	2.14	1.45	1.79	1.79	19.32	ppb
Uranium	238-1	0.38	0.33	0.31	0.34	10.68	ppb
Vanadium	51-2	0.51	0.52	0.49	0.50	3.03	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	11.89	12.55	12.06	12.17	2.81	ppb
Zirconium	90-1	0.41	0.33	0.30	0.35	15.68	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CALS_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.40	0.32	0.37	10.96	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.50	495.70	488.65	493.61	0.88	ppb
Antimony	121-1	194.04	195.29	198.36	195.90	1.14	ppb
Arsenic	75-2	201.47	201.02	204.15	202.21	0.84	ppb
Barium	135-1	97.69	96.79	99.49	97.99	1.40	ppb
Barium	137-1	99.08	98.61	100.11	99.27	0.77	ppb
Beryllium	9-1	100.98	99.65	100.76	100.46	0.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	448.99	464.19	467.46	460.21	2.14	ppb
Boron	10-1	443.28	456.06	462.68	454.01	2.17	ppb
Cadmium	106-1	84.27	86.49	84.53	85.10	1.43	ppb
Cadmium	108-1	96.14	98.24	98.02	97.46	1.18	ppb
Cadmium	111-1	103.74	103.39	103.73	103.62	0.19	ppb
Calcium	43-1	1976.54	1882.01	1942.27	1933.61	2.48	ppb
Calcium	44-1	1936.37	1926.69	1946.93	1936.66	0.52	ppb
Chromium	52-2	98.07	97.13	96.87	97.36	0.65	ppb
Cobalt	59-2	101.25	100.03	100.86	100.71	0.62	ppb
Copper	63-2	102.22	101.37	101.23	101.60	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				102		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	1050.89	1039.59	1045.81	1045.43	0.54	ppb
Iron	57-2	1033.23	1027.79	1033.70	1031.57	0.32	ppb
Lead	206-1	197.87	196.71	201.94	198.84	1.38	ppb
Lead	207-1	189.12	188.54	190.93	189.53	0.66	ppb
Lead	208-1	193.38	193.53	196.84	194.58	1.01	ppb
Lithium	6-1				106		%
Magnesium	24-2	1194.78	1185.73	1180.28	1186.93	0.62	ppb
Manganese	55-2	98.90	97.91	97.50	98.11	0.74	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS.L

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	459.91	465.45	463.30	462.89	0.60	ppb
Molybdenum	94-1	140.09	141.47	139.52	140.36	0.71	ppb
Molybdenum	95-1	456.81	463.94	461.89	460.88	0.80	ppb
Molybdenum	96-1	381.00	383.68	381.14	381.94	0.40	ppb
Molybdenum	97-1	457.76	457.97	462.20	459.31	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.31	102.92	104.20	103.81	0.75	ppb
Phosphorus	31-2	7.45	-1.74	5.67	3.80	128.42	ppb
Potassium	39-2	1949.50	1976.10	1933.57	1953.06	1.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	213.31	213.12	209.20	211.88	1.10	ppb
Selenium	78-2	211.54	214.44	212.29	212.76	0.71	ppb
Selenium	82-1	207.83	210.63	210.85	209.77	0.80	ppb
Silicon	28-1	521.42	526.68	527.29	525.13	0.62	ppb
Silver	109-1	100.62	102.19	103.21	102.01	1.28	ppb
Silver	107-1	101.58	102.88	103.37	102.61	0.90	ppb
Sodium	23-2	2023.05	1995.62	2006.14	2008.27	0.69	ppb
Strontium	86-1	2.12	2.27	2.09	2.16	4.29	ppb
Strontium	88-1	2.17	2.24	2.26	2.22	2.11	ppb
Sulfur	34-1	-1161.07	-1167.06	-1166.88	-1165.00		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	193.79	195.38	201.43	196.87	2.05	ppb
Thallium	205-1	199.39	199.78	204.76	201.31	1.49	ppb
Tin	118-1	479.61	483.02	481.14	481.26	0.35	ppb
Titanium	47-1	460.35	461.45	464.35	462.05	0.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.18	ppb
Vanadium	51-2	97.67	97.23	96.90	97.27	0.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	210.93	208.69	207.80	209.14	0.77	ppb
Zirconium	90-1	1.62	1.33	1.11	1.35	19.22	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.66	1.23	1.22	1.37	18.11	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:32:38	DataFile Name :	013CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.62	0.73	0.62	17.75	ppb
Antimony	121-1	0.75	0.69	0.73	0.72	4.01	ppb
Arsenic	75-2	0.16	0.19	0.13	0.16	18.45	ppb
Barium	135-1	0.01	0.02	0.03	0.02	64.49	ppb
Barium	137-1	0.04	0.04	0.03	0.04	15.70	ppb
Beryllium	9-1	0.22	0.29	0.24	0.25	14.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	35.11	34.70	31.78	33.86	5.35	ppb
Boron	10-1	36.11	36.47	35.17	35.92	1.86	ppb
Cadmium	106-1	0.37	1.93	0.85	1.05	76.07	ppb
Cadmium	108-1	-0.06	-0.06	-0.03	-0.05		ppb
Cadmium	111-1	0.04	0.16	0.08	0.09	62.59	ppb
Calcium	43-1	1.22	2.06	-0.99	0.76	205.76	ppb
Calcium	44-1	0.99	0.55	2.42	1.32	74.24	ppb
Chromium	52-2	0.04	0.04	0.06	0.05	20.48	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.62	ppb
Copper	63-2	0.13	0.13	0.14	0.13	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				102		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	4.39	4.38	4.36	4.38	0.40	ppb
Iron	57-2	4.88	2.42	2.68	3.33	40.56	ppb
Lead	206-1	0.10	0.10	0.08	0.09	11.02	ppb
Lead	207-1	0.11	0.12	0.11	0.11	5.32	ppb
Lead	208-1	0.11	0.10	0.09	0.10	6.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	-3.38	-3.16	-3.49	-3.35		ppb
Manganese	55-2	-0.11	-0.12	-0.11	-0.11		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:32:38	DataFile Name :	013CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.32	0.32	0.32	0.32	0.71	ppb
Molybdenum	94-1	0.12	0.10	0.10	0.10	10.51	ppb
Molybdenum	95-1	0.31	0.32	0.33	0.32	1.94	ppb
Molybdenum	96-1	0.26	0.27	0.22	0.25	11.57	ppb
Molybdenum	97-1	0.38	0.31	0.29	0.33	15.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.08	-0.11		ppb
Phosphorus	31-2	5.51	-3.78	-22.93	-7.07		ppb
Potassium	39-2	5.40	14.64	12.36	10.80	44.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	0.53	0.53	0.00	0.35	86.60	ppb
Selenium	78-2	2.05	1.96	1.25	1.76	25.08	ppb
Selenium	82-1	-0.10	0.68	1.53	0.70	115.85	ppb
Silicon	28-1	2.85	3.06	3.34	3.08	8.06	ppb
Silver	109-1	0.03	0.02	0.02	0.02	11.67	ppb
Silver	107-1	0.02	0.01	0.01	0.02	14.45	ppb
Sodium	23-2	24.72	23.70	22.63	23.68	4.39	ppb
Strontium	86-1	0.02	-0.05	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	33.42	ppb
Sulfur	34-1	-898.16	-808.52	-788.47	-831.72		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.07	0.07	6.65	ppb
Thallium	205-1	0.08	0.08	0.06	0.07	14.20	ppb
Tin	118-1	0.64	0.62	0.60	0.62	3.16	ppb
Titanium	47-1	0.02	0.06	0.04	0.04	55.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.32	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	86.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.15	-0.10	-0.15	-0.13		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	66.10	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:32:38	DataFile Name :	013CCBE_P7070117-MS

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

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 12:36:07 DataFile Name : 014ICSA_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92188.01	90049.28	91377.02	91204.77	1.18	ppb
Antimony	121-1	1.42	1.45	1.56	1.47	5.10	ppb
Arsenic	75-2	0.37	0.35	0.44	0.39	11.94	ppb
Barium	135-1	1.34	1.45	1.53	1.44	6.70	ppb
Barium	137-1	1.49	1.43	1.46	1.46	2.08	ppb
Beryllium	9-1	0.49	0.52	0.40	0.47	13.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	11-1	21.64	21.62	20.66	21.31	2.63	ppb
Boron	10-1	22.40	19.81	20.87	21.03	6.18	ppb
Cadmium	106-1	0.43	0.81	-0.68	0.19	414.55	ppb
Cadmium	108-1	11.58	11.28	10.93	11.26	2.93	ppb
Cadmium	111-1	0.38	0.45	0.40	0.41	8.97	ppb
Calcium	43-1	93543.80	92791.84	93607.62	93314.42	0.49	ppb
Calcium	44-1	92755.39	92097.80	93144.69	92665.96	0.57	ppb
Chromium	52-2	19.74	19.23	19.45	19.47	1.31	ppb
Cobalt	59-2	1.11	1.11	1.17	1.13	3.42	ppb
Copper	63-2	7.89	7.79	7.81	7.83	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	100570.48	98794.39	98896.52	99420.46	1.00	ppb
Iron	57-2	100627.60	99089.51	99938.23	99885.11	0.77	ppb
Lead	206-1	4.53	4.61	4.47	4.54	1.60	ppb
Lead	207-1	3.93	3.87	3.85	3.88	1.04	ppb
Lead	208-1	4.16	4.16	4.13	4.15	0.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	96135.43	94111.90	94984.38	95077.24	1.07	ppb
Manganese	55-2	7.48	7.46	7.28	7.41	1.45	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:36:07	DataFile Name :	014ICSA_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1894.36	1869.71	1866.38	1876.82	0.81	ppb
Molybdenum	94-1	577.96	564.99	568.96	570.64	1.16	ppb
Molybdenum	95-1	1914.44	1881.69	1875.70	1890.61	1.10	ppb
Molybdenum	96-1	1590.91	1537.34	1554.20	1560.81	1.75	ppb
Molybdenum	97-1	1910.58	1887.69	1883.17	1893.81	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	4.95	4.88	5.09	6.02	ppb
Phosphorus	31-2	99069.96	96008.38	98060.99	97713.11	1.60	ppb
Potassium	39-2	97220.40	95000.02	95723.46	95981.29	1.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.52	0.17	173.21	ppb
Selenium	78-2	0.78	1.79	2.32	1.63	48.07	ppb
Selenium	82-1	0.95	0.52	0.94	0.81	30.60	ppb
Silicon	28-1	28.87	28.68	31.19	29.58	4.72	ppb
Silver	109-1	0.08	0.09	0.08	0.08	11.37	ppb
Silver	107-1	0.08	0.10	0.10	0.09	9.28	ppb
Sodium	23-2	96779.09	95600.04	96855.08	96411.40	0.73	ppb
Strontium	86-1	32.43	31.60	31.94	31.99	1.31	ppb
Strontium	88-1	32.13	31.81	32.00	31.98	0.50	ppb
Sulfur	34-1	101102.21	100567.84	101627.13	101099.06	0.52	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.09	0.10	0.10	2.48	ppb
Thallium	205-1	0.09	0.10	0.10	0.09	5.77	ppb
Tin	118-1	0.31	0.32	0.30	0.31	2.81	ppb
Titanium	47-1	1901.11	1897.70	1927.73	1908.85	0.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	20.56	ppb
Vanadium	51-2	0.17	0.12	0.15	0.15	17.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	11.83	11.09	11.02	11.31	3.94	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	26.44	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:36:07	DataFile Name :	014ICSA_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.04	0.05	28.83	ppb

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 12:39:33 DataFile Name : 015ICSB_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89894.16	91168.71	88895.96	89986.28	1.27	ppb
Antimony	121-1	19.76	19.84	20.27	19.95	1.38	ppb
Arsenic	75-2	20.09	20.04	19.15	19.76	2.68	ppb
Barium	135-1	20.75	20.40	21.21	20.79	1.95	ppb
Barium	137-1	21.02	21.30	21.34	21.22	0.82	ppb
Beryllium	9-1	20.20	20.12	20.51	20.28	1.00	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	11-1	65.91	65.10	67.20	66.07	1.60	ppb
Boron	10-1	66.98	64.24	67.85	66.36	2.84	ppb
Cadmium	106-1	15.39	14.07	16.51	15.33	7.97	ppb
Cadmium	108-1	27.22	28.48	28.58	28.09	2.70	ppb
Cadmium	111-1	19.35	19.33	19.75	19.48	1.23	ppb
Calcium	43-1	94383.46	93072.05	93956.80	93804.10	0.71	ppb
Calcium	44-1	93030.13	92937.38	94329.88	93432.47	0.83	ppb
Chromium	52-2	38.28	38.93	37.71	38.31	1.60	ppb
Cobalt	59-2	20.47	20.69	20.50	20.55	0.56	ppb
Copper	63-2	27.11	26.91	26.81	26.94	0.56	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				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	98900.83	99347.60	97788.33	98678.92	0.81	ppb
Iron	57-2	98666.64	99291.53	97908.33	98622.17	0.70	ppb
Lead	206-1	24.45	24.27	24.81	24.51	1.11	ppb
Lead	207-1	22.18	22.32	23.10	22.53	2.21	ppb
Lead	208-1	23.09	23.11	23.52	23.24	1.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	93932.12	95005.25	93457.22	94131.53	0.84	ppb
Manganese	55-2	26.89	27.33	26.12	26.78	2.29	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:39:33	DataFile Name :	015ICSB_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1933.10	1922.91	1945.49	1933.83	0.58	ppb
Molybdenum	94-1	586.58	584.58	591.25	587.47	0.58	ppb
Molybdenum	95-1	1946.42	1942.80	1969.52	1952.92	0.74	ppb
Molybdenum	96-1	1604.61	1592.58	1617.33	1604.84	0.77	ppb
Molybdenum	97-1	1964.23	1924.41	1941.66	1943.43	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.59	24.45	24.42	24.49	0.37	ppb
Phosphorus	31-2	96641.53	97984.05	97231.28	97285.62	0.69	ppb
Potassium	39-2	95089.16	95774.77	94366.04	95076.66	0.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	16.09	20.88	23.53	20.17	18.71	ppb
Selenium	78-2	23.05	21.62	20.05	21.57	6.96	ppb
Selenium	82-1	20.36	19.47	19.57	19.80	2.46	ppb
Silicon	28-1	88.61	87.19	90.34	88.71	1.78	ppb
Silver	109-1	18.47	18.56	18.56	18.53	0.29	ppb
Silver	107-1	18.49	18.44	18.90	18.61	1.36	ppb
Sodium	23-2	95136.04	95950.51	94426.35	95170.97	0.80	ppb
Strontium	86-1	32.25	31.75	31.76	31.92	0.89	ppb
Strontium	88-1	32.32	32.22	32.40	32.31	0.28	ppb
Sulfur	34-1	101232.34	100726.69	101616.13	101191.72	0.44	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	19.59	19.61	19.88	19.69	0.82	ppb
Thallium	205-1	19.85	19.74	20.04	19.88	0.77	ppb
Tin	118-1	47.48	47.36	48.92	47.92	1.81	ppb
Titanium	47-1	1955.42	1939.26	1984.60	1959.76	1.17	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	19.61	ppb
Vanadium	51-2	19.30	19.39	19.31	19.33	0.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	29.70	30.22	30.18	30.03	0.96	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	20.37	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:39:33	DataFile Name :	015ICSB_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.06	0.06	19.12	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48687.23	48125.78	48863.30	48558.77	0.79	ppb
Antimony	121-1	487.39	485.95	495.48	489.61	1.05	ppb
Arsenic	75-2	486.25	483.92	486.99	485.72	0.33	ppb
Barium	135-1	2503.86	2483.53	2516.72	2501.37	0.67	ppb
Barium	137-1	2506.11	2482.86	2541.19	2510.05	1.17	ppb
Beryllium	9-1	521.28	519.49	519.49	520.09	0.20	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	11-1	514.45	518.62	529.05	520.71	1.44	ppb
Boron	10-1	506.33	518.79	524.96	516.69	1.84	ppb
Cadmium	106-1	494.34	492.84	489.36	492.18	0.52	ppb
Cadmium	108-1	492.56	485.06	485.61	487.74	0.86	ppb
Cadmium	111-1	486.65	480.08	494.08	486.93	1.44	ppb
Calcium	43-1	233841.87	235895.85	235336.15	235024.63	0.45	ppb
Calcium	44-1	234370.83	234984.02	233830.40	234395.08	0.25	ppb
Chromium	52-2	486.99	482.66	489.16	486.27	0.68	ppb
Cobalt	59-2	465.94	462.14	468.20	465.43	0.66	ppb
Copper	63-2	907.57	902.56	914.54	908.23	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	120382.53	119834.58	119913.98	120043.70	0.25	ppb
Iron	57-2	119444.57	118304.12	119768.40	119172.36	0.65	ppb
Lead	206-1	497.77	497.79	500.15	498.57	0.27	ppb
Lead	207-1	488.40	488.85	491.53	489.59	0.35	ppb
Lead	208-1	493.57	492.07	495.37	493.67	0.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	237637.03	235310.68	237820.06	236922.59	0.59	ppb
Manganese	55-2	954.18	945.26	959.13	952.86	0.74	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	483.35	491.25	490.32	488.31	0.88	ppb
Molybdenum	94-1	491.26	498.56	496.53	495.45	0.76	ppb
Molybdenum	95-1	487.17	487.66	484.89	486.57	0.30	ppb
Molybdenum	96-1	485.24	491.16	489.45	488.62	0.62	ppb
Molybdenum	97-1	482.87	492.17	486.78	487.27	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.18	464.00	468.44	465.87	0.49	ppb
Phosphorus	31-2	9805.84	9843.12	10025.91	9891.62	1.19	ppb
Potassium	39-2	120320.11	119919.37	120797.83	120345.77	0.37	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	487.04	444.23	472.16	467.81	4.65	ppb
Selenium	78-2	483.11	479.63	475.83	479.52	0.76	ppb
Selenium	82-1	473.37	479.17	482.34	478.29	0.95	ppb
Silicon	28-1	617.39	627.16	637.61	627.39	1.61	ppb
Silver	109-1	482.19	477.28	491.06	483.51	1.44	ppb
Silver	107-1	484.53	480.28	492.71	485.84	1.30	ppb
Sodium	23-2	240475.36	238370.98	240185.26	239677.20	0.48	ppb
Strontium	86-1	494.54	499.09	501.22	498.28	0.68	ppb
Strontium	88-1	504.61	502.91	502.30	503.27	0.24	ppb
Sulfur	34-1	9755.17	9810.51	9679.03	9748.24	0.68	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	490.57	491.05	493.87	491.83	0.36	ppb
Thallium	205-1	492.73	495.60	494.62	494.32	0.29	ppb
Tin	118-1	491.55	488.73	501.45	493.91	1.35	ppb
Titanium	47-1	482.79	489.30	495.05	489.04	1.25	ppb
Uranium	238-1	506.28	504.02	508.85	506.38	0.48	ppb
Vanadium	51-2	484.51	482.01	486.95	484.49	0.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	911.79	902.47	915.08	909.78	0.72	ppb
Zirconium	90-1	495.55	495.17	498.98	496.57	0.42	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.28	491.47	495.64	492.13	0.66	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.88	0.87	0.88	1.06	ppb
Antimony	121-1	0.41	0.39	0.44	0.41	6.27	ppb
Arsenic	75-2	0.07	0.09	0.09	0.09	11.96	ppb
Barium	135-1	0.07	0.05	0.03	0.05	46.77	ppb
Barium	137-1	0.07	0.04	0.03	0.05	41.81	ppb
Beryllium	9-1	0.25	0.28	0.19	0.24	18.00	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	12.49	12.55	12.01	12.35	2.43	ppb
Boron	10-1	13.45	13.26	11.08	12.60	10.46	ppb
Cadmium	106-1	-1.02	0.70	0.01	-0.11		ppb
Cadmium	108-1	0.07	0.02	-0.06	0.01	654.30	ppb
Cadmium	111-1	-0.07	0.06	0.00	0.00		ppb
Calcium	43-1	1.79	-3.17	-0.08	-0.49		ppb
Calcium	44-1	1.90	-0.40	0.13	0.54	222.43	ppb
Chromium	52-2	0.02	0.05	0.04	0.04	34.10	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	71.59	ppb
Copper	63-2	0.12	0.07	0.12	0.10	28.06	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				98		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	4.81	5.18	4.88	4.96	3.99	ppb
Iron	57-2	5.00	5.76	4.99	5.25	8.47	ppb
Lead	206-1	0.10	0.07	0.07	0.08	18.26	ppb
Lead	207-1	0.12	0.07	0.08	0.09	26.82	ppb
Lead	208-1	0.10	0.08	0.08	0.08	14.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	-3.30	-5.25	-4.71	-4.42		ppb
Manganese	55-2	-0.15	-0.13	-0.13	-0.14		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.13	0.11	0.11	0.12	9.11	ppb
Molybdenum	94-1	0.09	0.09	0.09	0.09	3.88	ppb
Molybdenum	95-1	0.09	0.10	0.14	0.11	23.70	ppb
Molybdenum	96-1	0.11	0.11	0.11	0.11	0.87	ppb
Molybdenum	97-1	0.14	0.12	0.13	0.13	7.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.10	-0.10	-0.11		ppb
Phosphorus	31-2	-8.03	5.08	2.89	-0.02		ppb
Potassium	39-2	20.93	18.67	21.33	20.31	7.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	1.04	1.05	0.00	0.70	86.60	ppb
Selenium	78-2	0.53	1.85	0.53	0.97	79.13	ppb
Selenium	82-1	0.56	0.30	0.20	0.36	52.45	ppb
Silicon	28-1	5.93	5.69	5.78	5.80	2.16	ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.41	ppb
Silver	107-1	0.02	0.02	0.01	0.02	54.11	ppb
Sodium	23-2	37.00	35.61	33.74	35.45	4.61	ppb
Strontium	86-1	0.00	-0.09	-0.05	-0.05		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	350.16	ppb
Sulfur	34-1	-707.63	-532.09	-623.88	-621.20		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.04	0.05	13.77	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.10	ppb
Tin	118-1	0.22	0.24	0.25	0.23	7.36	ppb
Titanium	47-1	0.04	0.09	0.06	0.06	44.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	25.97	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	-0.19	-0.17	-0.11	-0.16		ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	6.08	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.04	0.07	0.06	30.07	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.98	18.44	18.21	17.88	4.40	ppb
Antimony	121-1	2.22	2.09	2.18	2.16	2.89	ppb
Arsenic	75-2	1.00	1.18	1.27	1.15	11.79	ppb
Barium	135-1	9.36	9.26	9.27	9.30	0.60	ppb
Barium	137-1	9.62	9.20	9.27	9.37	2.42	ppb
Beryllium	9-1	1.15	1.28	1.17	1.20	6.03	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	30.84	32.39	31.07	31.44	2.65	ppb
Boron	10-1	30.85	32.01	32.85	31.90	3.15	ppb
Cadmium	106-1	1.83	0.98	0.91	1.24	41.27	ppb
Cadmium	108-1	1.73	0.58	1.23	1.18	49.10	ppb
Cadmium	111-1	1.15	0.96	0.90	1.00	12.89	ppb
Calcium	43-1	444.49	436.65	468.52	449.89	3.69	ppb
Calcium	44-1	444.12	445.91	455.67	448.57	1.39	ppb
Chromium	52-2	2.10	2.03	2.06	2.06	1.73	ppb
Cobalt	59-2	0.95	0.96	0.94	0.95	1.00	ppb
Copper	63-2	2.15	2.27	2.19	2.20	2.71	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				98		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	51.89	53.37	53.46	52.91	1.66	ppb
Iron	57-2	54.31	49.85	49.10	51.09	5.52	ppb
Lead	206-1	1.08	1.12	1.15	1.12	3.09	ppb
Lead	207-1	1.08	1.12	1.11	1.10	1.93	ppb
Lead	208-1	1.12	1.13	1.14	1.13	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	462.82	471.86	469.79	468.16	1.01	ppb
Manganese	55-2	0.84	0.83	0.89	0.86	3.99	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.72	4.56	4.70	4.66	1.80	ppb
Molybdenum	94-1	2.10	2.09	2.19	2.12	2.52	ppb
Molybdenum	95-1	4.49	4.44	4.64	4.52	2.33	ppb
Molybdenum	96-1	3.89	3.89	4.00	3.93	1.66	ppb
Molybdenum	97-1	4.79	4.49	4.54	4.60	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.03	0.93	0.98	5.03	ppb
Phosphorus	31-2	7.39	-7.60	4.05	1.28	615.25	ppb
Potassium	39-2	488.41	496.19	496.84	493.81	0.95	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	6.33	7.98	3.72	6.01	35.69	ppb
Selenium	78-2	7.69	7.68	7.15	7.51	4.11	ppb
Selenium	82-1	5.84	5.01	6.06	5.64	9.79	ppb
Silicon	28-1	15.84	15.05	16.96	15.95	6.03	ppb
Silver	109-1	1.34	1.28	1.29	1.31	2.32	ppb
Silver	107-1	1.33	1.32	1.34	1.33	0.77	ppb
Sodium	23-2	518.44	520.54	528.07	522.35	0.97	ppb
Strontium	86-1	0.98	1.01	0.89	0.96	6.80	ppb
Strontium	88-1	0.94	0.93	0.97	0.95	1.89	ppb
Sulfur	34-1	-466.11	-645.08	-520.01	-543.73		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.93	0.96	1.00	0.96	3.48	ppb
Thallium	205-1	0.94	0.97	0.98	0.96	1.97	ppb
Tin	118-1	4.88	4.87	4.87	4.87	0.19	ppb
Titanium	47-1	4.73	4.56	4.68	4.66	1.86	ppb
Uranium	238-1	0.89	0.91	0.90	0.90	1.40	ppb
Vanadium	51-2	4.68	4.66	4.79	4.71	1.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.85	1.92	2.03	1.93	4.77	ppb
Zirconium	90-1	0.96	1.00	1.01	0.99	2.61	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	1.05	1.07	1.01	8.04	ppb

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : PB100243BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 13:12:43 DataFile Name : 021CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.61	0.52	0.55	10.01	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	4.99	ppb
Arsenic	75-2	0.00	0.01	0.04	0.02	102.30	ppb
Barium	135-1	0.00	0.02	-0.01	0.00	397.89	ppb
Barium	137-1	-0.01	0.00	0.02	0.00	524.12	ppb
Beryllium	9-1	0.21	0.20	0.21	0.21	4.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	8.34	7.71	7.27	7.77	6.93	ppb
Boron	10-1	8.80	6.94	7.04	7.60	13.76	ppb
Cadmium	106-1	0.77	0.54	0.67	0.66	17.40	ppb
Cadmium	108-1	0.10	-0.06	-0.06	-0.01		ppb
Cadmium	111-1	0.06	0.04	0.06	0.05	16.84	ppb
Calcium	43-1	0.09	-2.45	0.98	-0.46		ppb
Calcium	44-1	-1.29	-1.49	-1.60	-1.46		ppb
Chromium	52-2	0.02	0.01	0.01	0.02	54.41	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	179.72	ppb
Copper	63-2	0.06	0.08	0.07	0.07	19.23	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				97		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2.87	3.02	2.97	2.96	2.53	ppb
Iron	57-2	3.73	1.40	3.46	2.86	44.60	ppb
Lead	206-1	0.09	0.09	0.08	0.09	4.58	ppb
Lead	207-1	0.09	0.06	0.09	0.08	19.44	ppb
Lead	208-1	0.09	0.07	0.09	0.08	12.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	-3.73	-3.30	-2.74	-3.26		ppb
Manganese	55-2	-0.18	-0.14	-0.16	-0.16		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:12:43	DataFile Name :	021CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.04	0.05	0.04	13.66	ppb
Molybdenum	94-1	0.05	0.04	0.08	0.06	32.56	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	25.81	ppb
Molybdenum	96-1	0.05	0.05	0.07	0.06	19.29	ppb
Molybdenum	97-1	0.03	0.07	0.06	0.06	34.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.09	-0.09		ppb
Phosphorus	31-2	3.87	0.03	9.84	4.58	108.01	ppb
Potassium	39-2	18.30	18.62	18.88	18.60	1.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.53	0.18	173.21	ppb
Selenium	78-2	1.37	1.99	2.09	1.82	21.47	ppb
Selenium	82-1	1.34	-0.10	1.03	0.76	100.06	ppb
Silicon	28-1	5.61	4.61	5.56	5.26	10.73	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.27	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.77	ppb
Sodium	23-2	32.88	32.35	33.57	32.93	1.86	ppb
Strontium	86-1	-0.02	0.04	0.02	0.01	188.23	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-383.97	-461.46	-425.59	-423.67		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.03	0.02	44.63	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	44.24	ppb
Tin	118-1	0.14	0.11	0.14	0.13	11.22	ppb
Titanium	47-1	0.02	0.05	0.00	0.02	98.90	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				102		%
Yttrium	89-2				105		%
Zinc	66-2	-0.14	-0.19	-0.07	-0.13		ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	29.85	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:12:43	DataFile Name :	021CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.02	0.03	38.60	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.53	36.88	35.67	37.03	3.88	ppb
Antimony	121-1	3.96	4.08	4.02	4.02	1.40	ppb
Arsenic	75-2	2.16	2.15	2.02	2.11	3.63	ppb
Barium	135-1	18.94	18.83	18.70	18.82	0.63	ppb
Barium	137-1	19.04	18.86	19.44	19.11	1.54	ppb
Beryllium	9-1	2.22	2.10	2.17	2.16	2.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	49.20	50.88	51.91	50.66	2.70	ppb
Boron	10-1	51.17	49.98	49.89	50.35	1.42	ppb
Cadmium	106-1	2.49	1.63	2.17	2.10	20.79	ppb
Cadmium	108-1	2.37	2.12	2.11	2.20	6.80	ppb
Cadmium	111-1	2.02	1.90	2.05	1.99	3.99	ppb
Calcium	43-1	921.97	909.65	885.58	905.73	2.04	ppb
Calcium	44-1	918.96	915.32	907.05	913.78	0.67	ppb
Chromium	52-2	3.98	4.00	3.78	3.92	3.19	ppb
Cobalt	59-2	2.05	2.00	1.94	2.00	2.60	ppb
Copper	63-2	4.17	4.12	4.20	4.16	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	398.54	393.67	389.22	393.81	1.18	ppb
Iron	57-2	377.79	388.39	385.38	383.85	1.42	ppb
Lead	206-1	2.38	2.28	2.30	2.32	2.29	ppb
Lead	207-1	2.26	2.18	2.15	2.20	2.62	ppb
Lead	208-1	2.32	2.22	2.23	2.26	2.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	964.24	942.97	937.21	948.14	1.50	ppb
Manganese	55-2	1.91	1.94	1.96	1.94	1.25	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.13	9.23	9.30	9.22	0.90	ppb
Molybdenum	94-1	3.95	4.22	4.21	4.13	3.71	ppb
Molybdenum	95-1	9.36	9.33	9.53	9.41	1.14	ppb
Molybdenum	96-1	8.13	8.01	8.00	8.05	0.93	ppb
Molybdenum	97-1	9.21	8.94	9.58	9.24	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.93	1.91	1.94	1.69	ppb
Phosphorus	31-2	7.89	11.78	3.47	7.71	53.93	ppb
Potassium	39-2	958.48	941.08	938.98	946.18	1.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	12.85	10.12	9.46	10.81	16.64	ppb
Selenium	78-2	11.14	10.45	10.55	10.71	3.49	ppb
Selenium	82-1	9.81	10.10	10.69	10.20	4.38	ppb
Silicon	28-1	27.95	27.11	25.62	26.89	4.40	ppb
Silver	109-1	2.14	2.12	2.15	2.14	0.84	ppb
Silver	107-1	2.11	2.08	2.08	2.09	0.94	ppb
Sodium	23-2	988.98	994.05	983.12	988.72	0.55	ppb
Strontium	86-1	2.00	1.94	1.87	1.94	3.50	ppb
Strontium	88-1	1.90	1.95	1.90	1.92	1.61	ppb
Sulfur	34-1	-167.05	-302.18	-353.75	-274.33		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	1.97	1.93	1.88	1.93	2.36	ppb
Thallium	205-1	1.94	1.94	1.92	1.94	0.64	ppb
Tin	118-1	9.86	9.69	9.79	9.78	0.91	ppb
Titanium	47-1	9.41	8.95	9.47	9.27	3.08	ppb
Uranium	238-1	1.87	1.87	1.79	1.84	2.63	ppb
Vanadium	51-2	9.49	9.75	9.51	9.58	1.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	3.95	4.26	3.85	4.02	5.28	ppb
Zirconium	90-1	1.96	1.91	1.97	1.95	1.59	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.04	1.93	1.99	1.99	2.79	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.68	0.37	0.44	48.10	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.25	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	76.32	ppb
Barium	135-1	0.02	0.00	0.01	0.01	119.34	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	1003.04	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	7.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	7.59	7.59	7.47	7.55	0.94	ppb
Boron	10-1	6.65	7.62	8.27	7.51	10.87	ppb
Cadmium	106-1	-0.73	0.53	-0.48	-0.23		ppb
Cadmium	108-1	0.02	-0.01	-0.03	-0.01		ppb
Cadmium	111-1	-0.06	0.05	-0.03	-0.01		ppb
Calcium	43-1	-2.65	-5.59	-0.54	-2.93		ppb
Calcium	44-1	-1.74	-1.42	-1.30	-1.49		ppb
Chromium	52-2	0.01	0.01	0.02	0.01	23.86	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	270.14	ppb
Copper	63-2	0.12	0.08	0.08	0.09	27.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2.45	2.41	2.40	2.42	1.25	ppb
Iron	57-2	1.29	3.16	0.85	1.77	69.41	ppb
Lead	206-1	0.08	0.07	0.08	0.08	7.21	ppb
Lead	207-1	0.08	0.08	0.07	0.08	9.69	ppb
Lead	208-1	0.09	0.08	0.09	0.08	7.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.50	-2.55	-3.09	-2.71		ppb
Manganese	55-2	-0.16	-0.14	-0.13	-0.14		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.03	0.04	0.03	24.71	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	16.42	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	37.88	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	21.87	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	23.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.08	-0.03		ppb
Phosphorus	31-2	3.94	5.66	3.90	4.50	22.30	ppb
Potassium	39-2	25.60	23.10	16.74	21.81	20.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.98	1.62	1.55	1.38	25.25	ppb
Selenium	82-1	-0.01	0.87	0.06	0.31	159.39	ppb
Silicon	28-1	4.69	5.11	5.07	4.96	4.64	ppb
Silver	109-1	0.03	0.02	0.02	0.02	11.86	ppb
Silver	107-1	0.02	0.03	0.02	0.02	22.32	ppb
Sodium	23-2	40.11	32.47	35.44	36.01	10.70	ppb
Strontium	86-1	0.04	0.03	-0.05	0.01	570.08	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-245.62	-343.04	-247.54	-278.73		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.01	0.02	0.02	17.05	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	6.80	ppb
Tin	118-1	0.09	0.09	0.08	0.09	7.45	ppb
Titanium	47-1	0.03	0.05	0.01	0.03	66.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.13	-0.15	-0.11	-0.13		ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	49.41	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.00	0.02	113.72	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.35	43.56	36.90	37.93	13.66	ppb
Antimony	121-1	3.79	3.83	3.75	3.79	1.02	ppb
Arsenic	75-2	1.86	2.19	2.03	2.02	8.11	ppb
Barium	135-1	18.47	17.96	18.41	18.28	1.54	ppb
Barium	137-1	18.12	18.34	18.44	18.30	0.88	ppb
Beryllium	9-1	2.09	2.09	2.01	2.06	2.05	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	11-1	47.90	48.47	49.39	48.59	1.54	ppb
Boron	10-1	49.11	47.77	49.73	48.87	2.05	ppb
Cadmium	106-1	1.71	1.69	1.68	1.69	0.99	ppb
Cadmium	108-1	2.22	2.22	2.35	2.27	3.20	ppb
Cadmium	111-1	1.85	1.84	1.88	1.86	1.06	ppb
Calcium	43-1	902.92	906.79	886.59	898.76	1.19	ppb
Calcium	44-1	885.61	875.34	890.01	883.65	0.85	ppb
Chromium	52-2	3.81	4.16	4.11	4.03	4.56	ppb
Cobalt	59-2	1.97	2.03	1.94	1.98	2.11	ppb
Copper	63-2	4.08	4.22	4.30	4.20	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	385.51	400.09	395.19	393.60	1.88	ppb
Iron	57-2	384.93	391.95	390.38	389.09	0.95	ppb
Lead	206-1	2.19	2.33	2.29	2.27	3.29	ppb
Lead	207-1	2.15	2.27	2.21	2.21	2.62	ppb
Lead	208-1	2.19	2.29	2.22	2.23	2.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	921.87	965.47	947.68	945.00	2.32	ppb
Manganese	55-2	1.94	2.10	2.05	2.03	4.02	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.07	9.10	9.15	9.11	0.46	ppb
Molybdenum	94-1	3.99	4.09	4.12	4.07	1.62	ppb
Molybdenum	95-1	9.27	9.13	9.23	9.21	0.83	ppb
Molybdenum	96-1	7.66	8.02	7.86	7.85	2.26	ppb
Molybdenum	97-1	9.12	9.38	9.30	9.26	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.16	1.96	2.07	5.01	ppb
Phosphorus	31-2	12.06	19.78	7.09	12.98	49.27	ppb
Potassium	39-2	926.03	975.24	958.15	953.14	2.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	6.48	8.79	8.75	8.01	16.47	ppb
Selenium	78-2	12.61	12.58	10.41	11.87	10.66	ppb
Selenium	82-1	9.96	8.48	9.87	9.43	8.81	ppb
Silicon	28-1	25.62	24.68	25.31	25.20	1.91	ppb
Silver	109-1	2.02	1.98	2.03	2.01	1.43	ppb
Silver	107-1	2.05	1.97	2.09	2.04	2.98	ppb
Sodium	23-2	975.36	1020.73	991.84	995.98	2.31	ppb
Strontium	86-1	1.96	1.93	1.93	1.94	0.85	ppb
Strontium	88-1	1.87	1.90	1.89	1.89	1.02	ppb
Sulfur	34-1	-260.59	-480.39	-237.14	-326.04		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1.89	1.86	1.84	1.86	1.37	ppb
Thallium	205-1	1.86	1.91	1.88	1.88	1.39	ppb
Tin	118-1	9.27	9.53	9.34	9.38	1.46	ppb
Titanium	47-1	9.44	9.34	9.49	9.42	0.78	ppb
Uranium	238-1	1.82	1.83	1.82	1.82	0.33	ppb
Vanadium	51-2	9.18	9.57	9.51	9.42	2.21	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4.10	3.82	4.18	4.03	4.68	ppb
Zirconium	90-1	1.80	1.83	1.87	1.83	1.90	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.74	1.86	1.97	1.86	6.04	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.51	51.92	45.78	49.40	6.51	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	5.95	ppb
Arsenic	75-2	9.54	9.58	9.45	9.52	0.67	ppb
Barium	135-1	0.03	0.03	0.00	0.02	71.54	ppb
Barium	137-1	0.01	0.00	0.03	0.01	105.30	ppb
Beryllium	9-1	0.15	0.15	0.12	0.14	12.90	ppb
Bismuth	209-1				115		%
Bismuth	209-2				113		%
Boron	11-1	4.46	4.26	4.48	4.40	2.80	ppb
Boron	10-1	4.02	4.20	4.61	4.27	7.11	ppb
Cadmium	106-1	0.38	0.62	1.33	0.78	63.40	ppb
Cadmium	108-1	1.57	1.23	1.49	1.43	12.66	ppb
Cadmium	111-1	1.77	1.64	1.85	1.75	6.00	ppb
Calcium	43-1	806.78	787.32	774.34	789.48	2.07	ppb
Calcium	44-1	794.09	778.05	783.92	785.36	1.03	ppb
Chromium	52-2	-0.08	-0.10	-0.08	-0.09		ppb
Cobalt	59-2	2.90	2.86	2.80	2.85	1.78	ppb
Copper	63-2	11.69	11.90	11.95	11.85	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				121		%
Indium	115-2				116		%
Iron	56-2	312.10	310.38	310.13	310.87	0.35	ppb
Iron	57-2	295.74	300.47	305.03	300.41	1.55	ppb
Lead	206-1	1.02	0.98	1.02	1.01	2.12	ppb
Lead	207-1	1.04	0.96	0.98	1.00	4.32	ppb
Lead	208-1	1.03	0.97	0.99	1.00	3.12	ppb
Lithium	6-1				123		%
Magnesium	24-2	336.98	337.22	345.29	339.83	1.39	ppb
Manganese	55-2	427.30	429.81	427.91	428.34	0.31	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.57	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	7.40	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	37.64	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	39.85	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	37.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.68	0.78	0.73	6.38	ppb
Phosphorus	31-2	13.20	-20.53	-13.71	-7.01		ppb
Potassium	39-2	22.57	21.95	19.65	21.39	7.19	ppb
Rhodium	103-1				121		%
Rhodium	103-2				116		%
Scandium	45-1				127		%
Scandium	45-2				123		%
Selenium	77-2	0.46	0.46	0.93	0.62	43.35	ppb
Selenium	78-2	1.04	1.35	0.65	1.01	34.80	ppb
Selenium	82-1	-0.13	0.27	0.07	0.07	294.35	ppb
Silicon	28-1	21.26	21.58	21.82	21.55	1.31	ppb
Silver	109-1	0.02	0.01	0.01	0.02	17.98	ppb
Silver	107-1	0.03	0.02	0.01	0.02	31.02	ppb
Sodium	23-2	136.41	132.51	134.31	134.41	1.46	ppb
Strontium	86-1	2.88	2.92	2.91	2.91	0.73	ppb
Strontium	88-1	2.98	3.00	2.94	2.97	1.02	ppb
Sulfur	34-1	-143.57	-3.24	63.43	-27.79		ppb
Terbium	159-1				118		%
Terbium	159-2				114		%
Thallium	203-1	0.00	0.01	0.00	0.00	164.87	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.07	-0.06	-0.05	-0.06		ppb
Titanium	47-1	-0.01	0.03	0.02	0.01	176.00	ppb
Uranium	238-1	0.22	0.21	0.21	0.21	1.28	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				124		%
Yttrium	89-2				120		%
Zinc	66-2	369.37	371.38	373.44	371.40	0.55	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	700.46	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49361.75	47831.98	48162.68	48452.14	1.66	ppb
Antimony	121-1	491.67	485.57	479.56	485.60	1.25	ppb
Arsenic	75-2	494.17	485.97	486.28	488.81	0.95	ppb
Barium	135-1	2499.18	2477.67	2446.39	2474.41	1.07	ppb
Barium	137-1	2538.21	2476.46	2428.18	2480.95	2.22	ppb
Beryllium	9-1	509.88	511.86	516.45	512.73	0.66	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	11-1	503.88	507.57	514.56	508.67	1.07	ppb
Boron	10-1	492.68	506.51	513.21	504.13	2.08	ppb
Cadmium	106-1	497.44	487.59	476.61	487.21	2.14	ppb
Cadmium	108-1	492.58	491.79	474.52	486.30	2.10	ppb
Cadmium	111-1	486.40	479.13	471.39	478.97	1.57	ppb
Calcium	43-1	233366.73	236264.59	235017.51	234882.94	0.62	ppb
Calcium	44-1	234816.62	234460.40	234105.15	234460.72	0.15	ppb
Chromium	52-2	491.61	479.17	479.65	483.48	1.46	ppb
Cobalt	59-2	471.64	457.89	460.73	463.42	1.57	ppb
Copper	63-2	984.91	961.63	964.16	970.23	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	122567.68	117843.88	118332.62	119581.39	2.17	ppb
Iron	57-2	121712.18	117408.72	118188.10	119103.00	1.93	ppb
Lead	206-1	497.44	497.64	497.20	497.43	0.04	ppb
Lead	207-1	488.97	491.08	485.90	488.65	0.53	ppb
Lead	208-1	492.88	492.46	490.19	491.84	0.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	242331.37	234671.71	234962.40	237321.83	1.83	ppb
Manganese	55-2	970.83	941.75	936.69	949.76	1.94	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	486.19	491.88	496.25	491.44	1.03	ppb
Molybdenum	94-1	492.15	498.23	502.36	497.58	1.03	ppb
Molybdenum	95-1	486.21	489.97	492.72	489.63	0.67	ppb
Molybdenum	96-1	487.52	492.25	493.70	491.16	0.66	ppb
Molybdenum	97-1	484.25	490.21	494.32	489.59	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.42	461.60	461.87	466.30	1.69	ppb
Phosphorus	31-2	9898.49	9772.28	9799.17	9823.31	0.68	ppb
Potassium	39-2	121639.43	118153.90	118237.62	119343.65	1.67	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	486.95	517.41	462.60	488.99	5.62	ppb
Selenium	78-2	489.82	492.34	492.83	491.66	0.33	ppb
Selenium	82-1	477.15	481.55	478.07	478.92	0.48	ppb
Silicon	28-1	617.30	627.33	629.22	624.61	1.03	ppb
Silver	109-1	482.77	477.11	470.92	476.93	1.24	ppb
Silver	107-1	484.74	477.48	473.55	478.59	1.19	ppb
Sodium	23-2	245243.86	238122.97	238648.65	240671.82	1.65	ppb
Strontium	86-1	502.27	503.74	501.97	502.66	0.19	ppb
Strontium	88-1	506.02	505.99	505.92	505.98	0.01	ppb
Sulfur	34-1	10186.74	10304.14	10142.47	10211.12	0.82	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	494.74	493.56	493.71	494.00	0.13	ppb
Thallium	205-1	490.93	493.74	496.53	493.73	0.57	ppb
Tin	118-1	493.26	486.09	484.96	488.10	0.92	ppb
Titanium	47-1	485.91	485.53	481.92	484.45	0.46	ppb
Uranium	238-1	504.81	501.96	503.32	503.36	0.28	ppb
Vanadium	51-2	489.99	476.36	475.67	480.67	1.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	995.17	967.40	974.07	978.88	1.48	ppb
Zirconium	90-1	492.09	498.73	496.71	495.85	0.69	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.45	492.05	496.23	491.58	1.00	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	-0.15	0.27	0.19	164.06	ppb
Antimony	121-1	0.30	0.25	0.31	0.29	9.89	ppb
Arsenic	75-2	0.08	0.04	0.04	0.05	44.75	ppb
Barium	135-1	0.01	0.01	0.01	0.01	0.71	ppb
Barium	137-1	0.03	0.02	0.01	0.02	60.18	ppb
Beryllium	9-1	0.22	0.19	0.21	0.21	6.82	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	11-1	9.75	9.45	8.48	9.23	7.17	ppb
Boron	10-1	10.07	8.93	9.63	9.54	6.06	ppb
Cadmium	106-1	-0.73	-0.75	-1.46	-0.98		ppb
Cadmium	108-1	-0.03	0.00	0.05	0.00	967.37	ppb
Cadmium	111-1	-0.04	-0.04	-0.11	-0.07		ppb
Calcium	43-1	-0.11	-4.84	-1.43	-2.13		ppb
Calcium	44-1	0.34	-0.46	0.02	-0.03		ppb
Chromium	52-2	0.03	0.01	0.05	0.03	60.37	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	422.12	ppb
Copper	63-2	0.05	0.09	0.10	0.08	31.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	3.46	2.98	3.43	3.29	8.15	ppb
Iron	57-2	3.79	3.65	4.60	4.01	12.74	ppb
Lead	206-1	0.06	0.06	0.04	0.05	20.42	ppb
Lead	207-1	0.06	0.07	0.06	0.06	14.08	ppb
Lead	208-1	0.07	0.06	0.06	0.06	3.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	-5.50	-5.14	-5.44	-5.36		ppb
Manganese	55-2	-0.13	-0.15	-0.16	-0.15		ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.07	0.06	0.07	0.07	13.15	ppb
Molybdenum	94-1	0.07	0.07	0.06	0.07	12.35	ppb
Molybdenum	95-1	0.06	0.05	0.07	0.06	15.23	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	15.01	ppb
Molybdenum	97-1	0.07	0.06	0.10	0.08	29.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.07	-0.02	-0.04		ppb
Phosphorus	31-2	-4.48	1.43	-0.22	-1.09		ppb
Potassium	39-2	23.38	28.21	22.02	24.54	13.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.45	0.94	1.51	1.30	24.31	ppb
Selenium	82-1	-0.62	1.32	0.93	0.54	187.99	ppb
Silicon	28-1	5.20	5.71	4.10	5.01	16.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.65	ppb
Silver	107-1	0.01	0.02	0.01	0.01	40.88	ppb
Sodium	23-2	32.31	32.15	35.45	33.30	5.59	ppb
Strontium	86-1	0.08	0.00	0.02	0.04	116.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-171.16	-167.54	-287.36	-208.69		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.03	0.02	0.03	26.40	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	13.28	ppb
Tin	118-1	0.13	0.17	0.15	0.15	12.57	ppb
Titanium	47-1	0.00	0.01	0.02	0.01	75.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.96	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	-0.11	-0.17	-0.14		ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	10.85	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.10	0.08	0.08	23.11	ppb

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3959	3951	3826	3912	1.91	cps
Antimony	121-1	175	225	225	208	13.86	cps
Arsenic	75-2	83	78	50	70	25.38	cps
Barium	135-1	4943	4509	4901	4784	5.00	cps
Barium	137-1	8461	8078	7352	7964	7.07	cps
Beryllium	9-1	1056	917	889	954	9.36	cps
Bismuth	209-1	7244936	7245160	7226193	7238763	0.15	cps
Bismuth	209-2	4318087	4343157	4404196	4355147	1.02	cps
Boron	11-1	642	783	758	728	10.39	cps
Boron	10-1	42	133	167	114	56.83	cps
Cadmium	106-1	3526	3251	3359	3378	4.10	cps
Cadmium	108-1	46	46	42	44	5.40	cps
Cadmium	111-1	3069	2810	2780	2887	5.50	cps
Calcium	43-1	792	833	858	828	4.07	cps
Calcium	44-1	16276	15642	15692	15870	2.22	cps
Chromium	52-2	1170	910	997	1026	12.91	cps
Cobalt	59-2	1673	1493	1437	1535	8.05	cps
Copper	63-2	1607	1610	1527	1581	2.98	cps
Dysprosium	156-1	75	142	133	117	31.14	cps
Dysprosium	156-2	3	13	20	12	68.66	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	30	7	10	16	81.11	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	80	80	97	86	11.25	cps
Holmium	165-1	10697315	10671365	10655255	10674645	0.20	cps
Holmium	165-2	5427685	5490199	5555610	5491165	1.16	cps
Indium	115-1	8533150	8590079	8559815	8561015	0.33	cps
Indium	115-2	1642160	1646428	1666876	1651821	0.80	cps
Iron	56-2	8731	8219	9148	8699	5.35	cps
Iron	57-2	422	350	250	341	25.38	cps
Lead	206-1	5474	5240	4556	5090	9.36	cps
Lead	207-1	4768	4418	4323	4503	5.20	cps
Lead	208-1	21474	20301	19123	20299	5.79	cps
Lithium	6-1	1726117	1713218	1717669	1719001	0.38	cps
Magnesium	24-2	3042	3284	3217	3181	3.92	cps
Manganese	55-2	1007	1007	1007	1007	0.00	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3667	3301	3050	3339	9.29	cps
Molybdenum	94-1	1400	1325	1225	1317	6.67	cps
Molybdenum	95-1	2317	1967	1825	2036	12.43	cps
Molybdenum	96-1	2317	2209	1950	2159	8.73	cps
Molybdenum	97-1	1500	1258	1175	1311	12.88	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1060	983	950	998	5.65	cps
Phosphorus	31-2	117	108	108	111	4.33	cps
Potassium	39-2	26716	26416	25840	26324	1.69	cps
Rhodium	103-1	7563014	7540398	7589017	7564143	0.32	cps
Rhodium	103-2	3553482	3563411	3621305	3579399	1.02	cps
Scandium	45-1	4843956	4862094	4877088	4861046	0.34	cps
Scandium	45-2	202527	203723	205196	203815	0.66	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	61	57	44	54	16.10	cps
Selenium	82-1	-45	46	150	50	194.58	cps
Silicon	28-1	294135	291689	291576	292466	0.49	cps
Silver	109-1	17	42	100	53	81.02	cps
Silver	107-1	83	100	108	97	13.09	cps
Sodium	23-2	13315	13256	13715	13429	1.86	cps
Strontium	86-1	1800	2067	1917	1928	6.93	cps
Strontium	88-1	1367	1308	1367	1347	2.50	cps
Sulfur	34-1	318481	317790	323189	319820	0.92	cps
Terbium	159-1	11150130	11226816	11176507	11184484	0.35	cps
Terbium	159-2	5410072	5447793	5511671	5456512	0.94	cps
Thallium	203-1	2500	2242	2209	2317	6.89	cps
Thallium	205-1	5993	5376	5285	5551	6.94	cps
Tin	118-1	2342	2409	2284	2345	2.66	cps
Titanium	47-1	133	133	133	133	0.00	cps
Uranium	238-1	19958	17779	15510	17749	12.53	cps
Vanadium	51-2	410	420	373	401	6.13	cps
Yttrium	89-1	8446452	8447485	8619902	8504613	1.17	cps
Yttrium	89-2	1193035	1197813	1208709	1199853	0.67	cps
Zinc	66-2	827	1010	817	884	12.31	cps
Zirconium	90-1	608	583	742	644	13.21	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:37:19	DataFile Name :	001SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	192	83	119	52.36	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	67	44	57.28	cps
Antimony	121-1	33	42	58	44	28.65	cps
Arsenic	75-2	9	11	2	7	66.16	cps
Barium	135-1	33	92	58	61	47.89	cps
Barium	137-1	125	58	83	89	37.89	cps
Beryllium	9-1	72	111	89	91	21.51	cps
Bismuth	209-1	7555267	7534267	7521682	7537072	0.23	cps
Bismuth	209-2	4437377	4494619	4459324	4463773	0.65	cps
Boron	11-1	642	592	558	597	7.02	cps
Boron	10-1	100	158	92	117	31.13	cps
Cadmium	106-1	3134	2775	2942	2950	6.08	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Cadmium	111-1	2185	1965	2072	2074	5.30	cps
Calcium	43-1	358	283	283	308	14.04	cps
Calcium	44-1	7936	7669	7152	7586	5.25	cps
Chromium	52-2	467	357	400	408	13.59	cps
Cobalt	59-2	113	153	100	122	22.71	cps
Copper	63-2	673	680	680	678	0.57	cps
Dysprosium	156-1	42	25	67	44	47.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	23	13	3	13	75.02	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	70	97	67	78	21.14	cps
Holmium	165-1	11029108	11094825	11060481	11061472	0.30	cps
Holmium	165-2	5548260	5615968	5565445	5576558	0.63	cps
Indium	115-1	8724090	8648661	8643645	8672132	0.52	cps
Indium	115-2	1664705	1666650	1673602	1668319	0.28	cps
Iron	56-2	3817	4134	3940	3964	4.03	cps
Iron	57-2	256	156	178	196	26.75	cps
Lead	206-1	817	917	761	832	9.48	cps
Lead	207-1	683	689	817	730	10.34	cps
Lead	208-1	3295	3295	3100	3230	3.48	cps
Lithium	6-1	1780157	1786792	1784911	1783953	0.19	cps
Magnesium	24-2	2584	2342	2500	2475	4.96	cps
Manganese	55-2	483	387	397	422	12.59	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	142	108	108	119	16.11	cps
Molybdenum	94-1	158	250	125	178	36.41	cps
Molybdenum	95-1	33	100	125	86	55.03	cps
Molybdenum	96-1	142	67	150	119	38.42	cps
Molybdenum	97-1	58	8	50	39	68.89	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	497	483	473	484	2.42	cps
Phosphorus	31-2	175	100	75	117	44.61	cps
Potassium	39-2	26316	26717	26308	26447	0.88	cps
Rhodium	103-1	7773503	7757225	7790051	7773593	0.21	cps
Rhodium	103-2	3625831	3636967	3622227	3628341	0.21	cps
Scandium	45-1	4903762	4932270	4935469	4923834	0.35	cps
Scandium	45-2	205700	206062	208985	206916	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	31	26	36	37.47	cps
Selenium	82-1	70	-80	-85	-31	-282.02	cps
Silicon	28-1	280420	279591	276905	278972	0.66	cps
Silver	109-1	33	67	100	67	50.01	cps
Silver	107-1	67	92	75	78	16.37	cps
Sodium	23-2	12281	12147	11947	12125	1.38	cps
Strontium	86-1	1934	1800	1775	1836	4.64	cps
Strontium	88-1	308	217	467	331	38.26	cps
Sulfur	34-1	316133	317488	313324	315648	0.67	cps
Terbium	159-1	11592867	11648033	11743312	11661404	0.65	cps
Terbium	159-2	5547283	5560037	5560558	5555959	0.14	cps
Thallium	203-1	117	192	192	167	25.98	cps
Thallium	205-1	467	367	492	442	14.98	cps
Tin	118-1	1300	1100	1350	1250	10.59	cps
Titanium	47-1	50	108	117	92	39.63	cps
Uranium	238-1	308	283	283	292	4.95	cps
Vanadium	51-2	20	20	13	18	21.66	cps
Yttrium	89-1	8641442	8599681	8664695	8635273	0.38	cps
Yttrium	89-2	1207685	1213930	1208932	1210182	0.27	cps
Zinc	66-2	247	283	283	271	7.81	cps
Zirconium	90-1	608	558	567	578	4.64	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 11:55:21	DataFile Name :	003CALB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	108	67	108	38.46	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1500	1442	1497	3.62	cps
Antimony	121-1	18187	18021	19339	18516	3.88	cps
Arsenic	75-2	243	246	285	258	9.14	cps
Barium	135-1	22427	23304	23095	22942	2.00	cps
Barium	137-1	38187	39984	39156	39109	2.30	cps
Beryllium	9-1	1561	1550	1567	1559	0.54	cps
Bismuth	209-1	7437851	7407806	7337251	7394303	0.70	cps
Bismuth	209-2	4317044	4346878	4315142	4326355	0.41	cps
Boron	11-1	18612	19655	20006	19424	3.73	cps
Boron	10-1	4242	4092	4034	4123	2.61	cps
Cadmium	106-1	3042	3326	3242	3203	4.55	cps
Cadmium	108-1	175	163	233	190	19.87	cps
Cadmium	111-1	4170	4356	4211	4245	2.31	cps
Calcium	43-1	12447	11980	12105	12178	1.99	cps
Calcium	44-1	201345	199729	199687	200254	0.47	cps
Chromium	52-2	5391	5501	5314	5402	1.74	cps
Cobalt	59-2	3927	3761	4044	3911	3.64	cps
Copper	63-2	6958	7452	7375	7262	3.66	cps
Dysprosium	156-1	8	33	8	17	86.64	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	27	17	10	18	47.19	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	67	57	70	64	10.76	cps
Holmium	165-1	11055848	10917239	10830529	10934539	1.04	cps
Holmium	165-2	5497938	5493893	5463672	5485168	0.34	cps
Indium	115-1	8590766	8675450	8598702	8621639	0.54	cps
Indium	115-2	1647376	1653382	1648347	1649702	0.20	cps
Iron	56-2	102304	104144	100123	102190	1.97	cps
Iron	57-2	2756	2711	2656	2708	1.85	cps
Lead	206-1	10410	10043	10132	10195	1.88	cps
Lead	207-1	9020	9109	8992	9040	0.67	cps
Lead	208-1	42233	41326	40058	41206	2.65	cps
Lithium	6-1	1772573	1762061	1760846	1765160	0.37	cps
Magnesium	24-2	84597	87253	87513	86454	1.87	cps
Manganese	55-2	1630	1753	1760	1715	4.27	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	34217	33323	33732	33758	1.33	cps
Molybdenum	94-1	16844	17353	17186	17128	1.51	cps
Molybdenum	95-1	20916	21075	21191	21061	0.66	cps
Molybdenum	96-1	23111	23078	22936	23042	0.40	cps
Molybdenum	97-1	12748	12439	13782	12990	5.41	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1620	1617	1567	1601	1.87	cps
Phosphorus	31-2	283	33	67	128	106.24	cps
Potassium	39-2	109930	108864	109871	109555	0.55	cps
Rhodium	103-1	7721113	7680522	7652604	7684747	0.45	cps
Rhodium	103-2	3565226	3564425	3550053	3559901	0.24	cps
Scandium	45-1	4912646	4907492	4915150	4911763	0.08	cps
Scandium	45-2	203970	205964	203530	204488	0.63	cps
Selenium	77-2	20	33	20	24	31.49	cps
Selenium	78-2	187	161	189	179	8.68	cps
Selenium	82-1	642	717	707	689	5.96	cps
Silicon	28-1	318364	322266	320019	320217	0.61	cps
Silver	109-1	13098	13999	13549	13549	3.32	cps
Silver	107-1	14233	14666	13958	14285	2.50	cps
Sodium	23-2	173088	175448	172909	173815	0.82	cps
Strontium	86-1	4801	4726	4634	4720	1.77	cps
Strontium	88-1	25791	25390	24781	25321	2.01	cps
Sulfur	34-1	316574	314194	313421	314730	0.52	cps
Terbium	159-1	11484612	11489799	11439399	11471270	0.24	cps
Terbium	159-2	5463712	5523909	5474027	5487216	0.59	cps
Thallium	203-1	9420	9229	9320	9323	1.03	cps
Thallium	205-1	22670	23146	22328	22715	1.81	cps
Tin	118-1	36891	38170	38354	37805	2.11	cps
Titanium	47-1	5626	5810	5793	5743	1.77	cps
Uranium	238-1	31832	31915	32007	31918	0.27	cps
Vanadium	51-2	9637	9827	9493	9652	1.73	cps
Yttrium	89-1	8582868	8616604	8612023	8603832	0.21	cps
Yttrium	89-2	1196928	1202065	1194137	1197710	0.34	cps
Zinc	66-2	1050	1200	1090	1113	6.98	cps
Zirconium	90-1	14683	15042	14333	14686	2.41	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:03:09	DataFile Name :	005CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3442	3242	3034	3239	6.30	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74746	76663	78079	76496	2.19	cps
Antimony	121-1	475401	481348	481319	479356	0.71	cps
Arsenic	75-2	14665	14720	14589	14658	0.45	cps
Barium	135-1	605445	605970	607139	606185	0.14	cps
Barium	137-1	1059737	1052446	1057837	1056674	0.36	cps
Beryllium	9-1	79759	79502	78407	79223	0.91	cps
Bismuth	209-1	7391211	7285657	7324916	7333928	0.73	cps
Bismuth	209-2	4262611	4261172	4287037	4270273	0.34	cps
Boron	11-1	42068	42837	41508	42137	1.58	cps
Boron	10-1	8778	8836	8811	8808	0.33	cps
Cadmium	106-1	15350	15117	14658	15042	2.34	cps
Cadmium	108-1	8052	8503	8515	8357	3.15	cps
Cadmium	111-1	119357	118177	116961	118165	1.01	cps
Calcium	43-1	129513	130202	129673	129796	0.28	cps
Calcium	44-1	2129310	2109584	2106243	2115046	0.59	cps
Chromium	52-2	125448	124433	124655	124845	0.43	cps
Cobalt	59-2	204887	205422	207420	205910	0.65	cps
Copper	63-2	301887	300383	301271	301180	0.25	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	83	50	75	69	24.98	cps
Gadolinium	160-2	63	63	63	63	0.00	cps
Holmium	165-1	10912161	10844499	10756547	10837735	0.72	cps
Holmium	165-2	5415540	5421417	5428865	5421941	0.12	cps
Indium	115-1	8522714	8448615	8397114	8456148	0.75	cps
Indium	115-2	1595949	1599534	1624856	1606780	0.98	cps
Iron	56-2	5324492	5306063	5328606	5319720	0.23	cps
Iron	57-2	129712	130037	132072	130607	0.98	cps
Lead	206-1	400869	402270	397529	400223	0.61	cps
Lead	207-1	370046	368468	366575	368363	0.47	cps
Lead	208-1	1653129	1645936	1643356	1647474	0.31	cps
Lithium	6-1	1736232	1726193	1724185	1728870	0.37	cps
Magnesium	24-2	912550	909530	908802	910294	0.22	cps
Manganese	55-2	143599	143845	144400	143948	0.28	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	366355	361268	361159	362927	0.82	cps
Molybdenum	94-1	420492	417144	422503	420046	0.64	cps
Molybdenum	95-1	229513	224716	225564	226597	1.13	cps
Molybdenum	96-1	293135	289943	287475	290184	0.98	cps
Molybdenum	97-1	141850	136859	138038	138916	1.88	cps
Neodymium	150-1	67	47	40	51	27.15	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	55712	55826	54534	55357	1.29	cps
Phosphorus	31-2	4201	4534	4242	4326	4.20	cps
Potassium	39-2	464863	468214	477627	470234	1.41	cps
Rhodium	103-1	7544586	7425185	7550651	7506808	0.94	cps
Rhodium	103-2	3452485	3482708	3483029	3472740	0.51	cps
Scandium	45-1	4840828	4798056	4805819	4814901	0.47	cps
Scandium	45-2	199373	198440	200631	199481	0.55	cps
Selenium	77-2	250	323	363	312	18.41	cps
Selenium	78-2	1115	1154	1065	1111	4.01	cps
Selenium	82-1	6905	6985	6896	6929	0.71	cps
Silicon	28-1	545010	545658	538099	542922	0.77	cps
Silver	109-1	551600	551329	554772	552567	0.35	cps
Silver	107-1	578156	571873	570252	573427	0.73	cps
Sodium	23-2	1738822	1727555	1734598	1733658	0.33	cps
Strontium	86-1	154656	154785	152307	153916	0.91	cps
Strontium	88-1	1329665	1322682	1325594	1325980	0.26	cps
Sulfur	34-1	344492	341268	341195	342318	0.55	cps
Terbium	159-1	11346242	11178792	11286640	11270558	0.75	cps
Terbium	159-2	5363540	5396508	5415608	5391885	0.49	cps
Thallium	203-1	485809	482474	481976	483420	0.43	cps
Thallium	205-1	1179994	1186949	1169316	1178753	0.75	cps
Tin	118-1	394465	390976	394135	393192	0.49	cps
Titanium	47-1	61111	60752	61370	61078	0.51	cps
Uranium	238-1	1714482	1709468	1708439	1710796	0.19	cps
Vanadium	51-2	102526	101445	103050	102340	0.80	cps
Yttrium	89-1	8450904	8507781	8364221	8440969	0.86	cps
Yttrium	89-2	1159110	1173469	1185607	1172728	1.13	cps
Zinc	66-2	41058	42131	42843	42010	2.14	cps
Zirconium	90-1	806110	807064	807021	806732	0.07	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:06:56	DataFile Name :	006CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	179369	181412	179698	180160	0.61	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191756	191603	188854	190738	0.86	cps
Antimony	121-1	1227263	1223663	1228922	1226616	0.22	cps
Arsenic	75-2	36781	36654	36986	36807	0.46	cps
Barium	135-1	1532938	1529142	1530988	1531023	0.12	cps
Barium	137-1	2676737	2675864	2662594	2671731	0.30	cps
Beryllium	9-1	197022	198349	196228	197200	0.54	cps
Bismuth	209-1	7330860	7196343	7206586	7244596	1.03	cps
Bismuth	209-2	4285961	4261013	4219700	4255558	0.79	cps
Boron	11-1	103016	106347	108756	106039	2.72	cps
Boron	10-1	21115	21224	21958	21433	2.14	cps
Cadmium	106-1	33808	34660	33332	33933	1.98	cps
Cadmium	108-1	21412	20227	21045	20895	2.90	cps
Cadmium	111-1	289744	293567	292281	291864	0.67	cps
Calcium	43-1	321211	329176	328609	326332	1.36	cps
Calcium	44-1	5242821	5289591	5219469	5250627	0.68	cps
Chromium	52-2	313047	315049	313534	313877	0.33	cps
Cobalt	59-2	520110	519301	520008	519806	0.08	cps
Copper	63-2	753425	754135	757155	754905	0.26	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	25	33	25	28	17.33	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	108	92	75	92	18.18	cps
Gadolinium	160-2	60	103	60	74	33.61	cps
Holmium	165-1	10856777	10903653	10752439	10837623	0.71	cps
Holmium	165-2	5449650	5462284	5363624	5425186	0.99	cps
Indium	115-1	8460198	8415732	8440702	8438878	0.26	cps
Indium	115-2	1624349	1623663	1606649	1618220	0.62	cps
Iron	56-2	13159907	13278560	13103862	13180776	0.68	cps
Iron	57-2	327263	332121	327020	328801	0.88	cps
Lead	206-1	1003812	996868	999897	1000192	0.35	cps
Lead	207-1	922764	922988	910113	918622	0.80	cps
Lead	208-1	4156973	4129297	4116506	4134259	0.50	cps
Lithium	6-1	1716276	1720861	1717561	1718232	0.14	cps
Magnesium	24-2	2268520	2298341	2269346	2278736	0.75	cps
Manganese	55-2	360177	365412	363537	363042	0.73	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	916434	916106	912929	915156	0.21	cps
Molybdenum	94-1	1060036	1063476	1052679	1058731	0.52	cps
Molybdenum	95-1	570947	572134	564916	569332	0.68	cps
Molybdenum	96-1	739510	738288	728805	735535	0.80	cps
Molybdenum	97-1	352410	356178	349709	352766	0.92	cps
Neodymium	150-1	120	133	167	140	17.17	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	137316	136966	137914	137399	0.35	cps
Phosphorus	31-2	10287	9787	10854	10310	5.18	cps
Potassium	39-2	1141398	1157115	1152795	1150436	0.71	cps
Rhodium	103-1	7462755	7553374	7446889	7487673	0.77	cps
Rhodium	103-2	3485284	3483336	3459796	3476139	0.41	cps
Scandium	45-1	4821971	4907863	4886629	4872154	0.92	cps
Scandium	45-2	201486	202527	202053	202022	0.26	cps
Selenium	77-2	800	820	690	770	9.09	cps
Selenium	78-2	2663	2613	2582	2619	1.57	cps
Selenium	82-1	17760	18026	17434	17740	1.67	cps
Silicon	28-1	952178	962706	961518	958801	0.60	cps
Silver	109-1	1375330	1378796	1386422	1380182	0.41	cps
Silver	107-1	1432253	1436883	1436470	1435202	0.18	cps
Sodium	23-2	4350695	4327781	4278929	4319135	0.85	cps
Strontium	86-1	381064	387731	381507	383434	0.97	cps
Strontium	88-1	3323994	3363641	3343271	3343635	0.59	cps
Sulfur	34-1	389561	389895	390660	390039	0.14	cps
Terbium	159-1	11385107	11332098	11276522	11331242	0.48	cps
Terbium	159-2	5439377	5424462	5409586	5424475	0.27	cps
Thallium	203-1	1223044	1220479	1212770	1218765	0.44	cps
Thallium	205-1	2947040	2974979	2963703	2961907	0.47	cps
Tin	118-1	994547	996305	996177	995676	0.10	cps
Titanium	47-1	151991	154534	153170	153232	0.83	cps
Uranium	238-1	4396691	4377334	4352080	4375368	0.51	cps
Vanadium	51-2	258033	259492	258107	258544	0.32	cps
Yttrium	89-1	8465048	8490196	8442988	8466077	0.28	cps
Yttrium	89-2	1185839	1193715	1177396	1185650	0.69	cps
Zinc	66-2	105185	105269	104970	105141	0.15	cps
Zirconium	90-1	2054594	2060361	2047102	2054019	0.32	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:10:43	DataFile Name :	007CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	456307	458362	453113	455927	0.58	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375253	371644	377197	374698	0.75	cps
Antimony	121-1	2413722	2454887	2444677	2437762	0.88	cps
Arsenic	75-2	71402	72572	72293	72089	0.85	cps
Barium	135-1	3034795	3053344	3034027	3040722	0.36	cps
Barium	137-1	5302805	5328793	5324859	5318819	0.26	cps
Beryllium	9-1	384322	385874	385434	385210	0.21	cps
Bismuth	209-1	7131083	7124823	7038040	7097982	0.73	cps
Bismuth	209-2	4191974	4189666	4164169	4181937	0.37	cps
Boron	11-1	206702	210528	211634	209621	1.23	cps
Boron	10-1	42661	43681	43371	43238	1.21	cps
Cadmium	106-1	63920	65402	65059	64794	1.20	cps
Cadmium	108-1	41373	41557	41039	41323	0.64	cps
Cadmium	111-1	567078	574054	575461	572198	0.78	cps
Calcium	43-1	643578	646448	641682	643903	0.37	cps
Calcium	44-1	10291204	10299387	10378881	10323157	0.47	cps
Chromium	52-2	612012	614985	615544	614181	0.31	cps
Cobalt	59-2	1011121	1019742	1023488	1018117	0.62	cps
Copper	63-2	1465345	1473208	1483813	1474122	0.63	cps
Dysprosium	156-1	92	92	83	89	5.41	cps
Dysprosium	156-2	37	37	20	31	30.93	cps
Erbium	164-1	50	42	83	58	37.80	cps
Erbium	164-2	20	7	23	17	52.90	cps
Gadolinium	160-1	83	58	100	81	26.03	cps
Gadolinium	160-2	80	53	63	66	20.55	cps
Holmium	165-1	10781937	10760034	10729283	10757085	0.25	cps
Holmium	165-2	5394929	5426265	5409253	5410149	0.29	cps
Indium	115-1	8282031	8370242	8290903	8314392	0.58	cps
Indium	115-2	1591942	1599033	1592004	1594327	0.26	cps
Iron	56-2	25808886	26012876	25908490	25910084	0.39	cps
Iron	57-2	641472	643089	644345	642969	0.22	cps
Lead	206-1	1951731	1966306	1945203	1954414	0.55	cps
Lead	207-1	1795928	1806647	1795986	1799520	0.34	cps
Lead	208-1	8122633	8207130	8099725	8143163	0.69	cps
Lithium	6-1	1686772	1695334	1689385	1690497	0.26	cps
Magnesium	24-2	4480311	4435245	4450625	4455393	0.51	cps
Manganese	55-2	709184	714959	715732	713291	0.50	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1809352	1809587	1809066	1809335	0.01	cps
Molybdenum	94-1	2106723	2111672	2108176	2108857	0.12	cps
Molybdenum	95-1	1121596	1126655	1125715	1124655	0.24	cps
Molybdenum	96-1	1446699	1457045	1443685	1449143	0.48	cps
Molybdenum	97-1	693550	697382	690055	693662	0.53	cps
Neodymium	150-1	233	273	280	262	9.63	cps
Neodymium	150-2	20	37	20	26	37.66	cps
Nickel	60-2	265044	266990	266251	266095	0.37	cps
Phosphorus	31-2	20874	20281	20531	20562	1.45	cps
Potassium	39-2	2253300	2247598	2243549	2248149	0.22	cps
Rhodium	103-1	7281376	7310117	7271839	7287777	0.27	cps
Rhodium	103-2	3405019	3409310	3428600	3414310	0.37	cps
Scandium	45-1	4787043	4831666	4779175	4799295	0.59	cps
Scandium	45-2	200591	199790	202158	200846	0.60	cps
Selenium	77-2	1457	1507	1413	1459	3.20	cps
Selenium	78-2	5079	4956	5103	5046	1.56	cps
Selenium	82-1	34568	34423	34367	34453	0.30	cps
Silicon	28-1	1617709	1615528	1615815	1616351	0.07	cps
Silver	109-1	2710674	2724792	2718193	2717886	0.26	cps
Silver	107-1	2811911	2819796	2808983	2813563	0.20	cps
Sodium	23-2	8436794	8375267	8430086	8414049	0.40	cps
Strontium	86-1	752723	753728	747868	751440	0.42	cps
Strontium	88-1	6588013	6569052	6559490	6572185	0.22	cps
Sulfur	34-1	473056	469050	468349	470152	0.54	cps
Terbium	159-1	11136726	11255495	11181692	11191304	0.54	cps
Terbium	159-2	5395539	5392723	5378609	5388957	0.17	cps
Thallium	203-1	2409114	2394308	2401937	2401786	0.31	cps
Thallium	205-1	5845033	5883015	5842598	5856882	0.39	cps
Tin	118-1	1939959	1971976	1954024	1955320	0.82	cps
Titanium	47-1	303210	304115	303151	303492	0.18	cps
Uranium	238-1	8420325	8471699	8367198	8419741	0.62	cps
Vanadium	51-2	507248	506862	510760	508290	0.42	cps
Yttrium	89-1	8331193	8435798	8403618	8390203	0.64	cps
Yttrium	89-2	1172779	1172186	1176576	1173847	0.20	cps
Zinc	66-2	203507	204740	204547	204264	0.32	cps
Zirconium	90-1	4065655	4097914	4110370	4091313	0.56	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:14:26	DataFile Name :	008CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	899983	899492	898059	899178	0.11	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	747765	745382	750597	747915	0.35	cps
Antimony	121-1	4836956	4868647	4878910	4861504	0.45	cps
Arsenic	75-2	143984	145980	145119	145027	0.69	cps
Barium	135-1	6076718	6131372	6132882	6113657	0.52	cps
Barium	137-1	10361462	10429206	10320789	10370486	0.53	cps
Beryllium	9-1	747281	756003	749718	751001	0.60	cps
Bismuth	209-1	6937352	6974220	6955128	6955567	0.27	cps
Bismuth	209-2	4125989	4151936	4167787	4148571	0.51	cps
Boron	11-1	413022	416647	423535	417734	1.28	cps
Boron	10-1	85072	85903	88340	86438	1.97	cps
Cadmium	106-1	118803	121745	121996	120848	1.47	cps
Cadmium	108-1	79790	81697	81801	81096	1.40	cps
Cadmium	111-1	1103558	1108535	1117140	1109744	0.62	cps
Calcium	43-1	1263262	1269089	1273709	1268687	0.41	cps
Calcium	44-1	20431841	20401134	20543772	20458915	0.37	cps
Chromium	52-2	1225979	1220688	1234221	1226963	0.56	cps
Cobalt	59-2	2013327	2022167	2039529	2025008	0.66	cps
Copper	63-2	2890680	2915259	2918483	2908141	0.52	cps
Dysprosium	156-1	225	142	100	156	40.91	cps
Dysprosium	156-2	47	43	67	52	24.17	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	30	17	23	23	28.56	cps
Gadolinium	160-1	83	167	100	117	37.80	cps
Gadolinium	160-2	93	77	97	89	12.05	cps
Holmium	165-1	10595550	10661113	10741403	10666022	0.68	cps
Holmium	165-2	5397814	5450786	5455849	5434817	0.59	cps
Indium	115-1	8111755	8124878	8082331	8106321	0.27	cps
Indium	115-2	1575625	1577581	1589972	1581059	0.49	cps
Iron	56-2	51286937	51244432	51738887	51423419	0.53	cps
Iron	57-2	1265444	1277796	1285786	1276342	0.80	cps
Lead	206-1	3822544	3907622	3843359	3857841	1.15	cps
Lead	207-1	3522527	3578563	3533232	3544774	0.84	cps
Lead	208-1	15762115	15977770	15746171	15828685	0.82	cps
Lithium	6-1	1658513	1658503	1671766	1662927	0.46	cps
Magnesium	24-2	8843955	8750255	8836294	8810168	0.59	cps
Manganese	55-2	1421324	1419182	1433748	1424752	0.55	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3605295	3654036	3657542	3638958	0.80	cps
Molybdenum	94-1	4220851	4249589	4216840	4229093	0.42	cps
Molybdenum	95-1	2232884	2249455	2261051	2247797	0.63	cps
Molybdenum	96-1	2891179	2911820	2923539	2908846	0.56	cps
Molybdenum	97-1	1380824	1398159	1397931	1392305	0.71	cps
Neodymium	150-1	487	493	520	500	3.53	cps
Neodymium	150-2	27	47	23	32	39.17	cps
Nickel	60-2	526138	526263	527529	526643	0.15	cps
Phosphorus	31-2	39261	39027	39135	39141	0.30	cps
Potassium	39-2	4500026	4512613	4551590	4521410	0.59	cps
Rhodium	103-1	7110056	7188205	7218127	7172129	0.78	cps
Rhodium	103-2	3369409	3382028	3391933	3381123	0.33	cps
Scandium	45-1	4704370	4741400	4761297	4735689	0.61	cps
Scandium	45-2	202554	203517	204649	203573	0.52	cps
Selenium	77-2	3010	2807	2850	2889	3.71	cps
Selenium	78-2	9931	9701	10055	9896	1.81	cps
Selenium	82-1	67382	67581	67261	67408	0.24	cps
Silicon	28-1	2915904	2925448	2945614	2928989	0.52	cps
Silver	109-1	5307400	5348475	5355378	5337084	0.49	cps
Silver	107-1	5503701	5544755	5551608	5533355	0.47	cps
Sodium	23-2	16810947	16713182	16819671	16781267	0.35	cps
Strontium	86-1	1500263	1498334	1493163	1497254	0.25	cps
Strontium	88-1	12978312	12995280	12995730	12989774	0.08	cps
Sulfur	34-1	648730	649790	648989	649170	0.09	cps
Terbium	159-1	11130367	11246816	11184760	11187314	0.52	cps
Terbium	159-2	5382569	5422618	5430151	5411780	0.47	cps
Thallium	203-1	4695326	4797231	4762196	4751584	1.09	cps
Thallium	205-1	11151401	11315106	11326709	11264405	0.87	cps
Tin	118-1	3889007	3923453	3938314	3916925	0.65	cps
Titanium	47-1	594891	603311	603028	600410	0.80	cps
Uranium	238-1	16678719	16726621	16468673	16624671	0.83	cps
Vanadium	51-2	1020850	1019297	1024037	1021395	0.24	cps
Yttrium	89-1	8297594	8402042	8403688	8367775	0.73	cps
Yttrium	89-2	1183986	1181404	1193223	1186204	0.52	cps
Zinc	66-2	395123	397925	398484	397177	0.45	cps
Zirconium	90-1	8036429	8127042	8099109	8087526	0.57	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:18:04	DataFile Name :	009CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1788909	1797463	1795762	1794045	0.25	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1508390	1505158	1524211	1512586	0.67	cps
Antimony	121-1	9685424	9759674	9677861	9707653	0.47	cps
Arsenic	75-2	292314	291398	294383	292698	0.52	cps
Barium	135-1	12091760	12113264	12145729	12116918	0.22	cps
Barium	137-1	20735426	20775903	21013601	20841643	0.72	cps
Beryllium	9-1	1474622	1476313	1482263	1477733	0.27	cps
Bismuth	209-1	6853417	6851922	6875070	6860137	0.19	cps
Bismuth	209-2	4008925	4044189	4078915	4044010	0.87	cps
Boron	11-1	833118	845694	855813	844875	1.35	cps
Boron	10-1	168848	173398	177122	173123	2.39	cps
Cadmium	106-1	238922	239669	237684	238758	0.42	cps
Cadmium	108-1	158036	159405	159607	159016	0.54	cps
Cadmium	111-1	2182413	2177754	2200578	2186915	0.55	cps
Calcium	43-1	2582875	2591381	2591748	2588668	0.19	cps
Calcium	44-1	41391136	41299371	41761739	41484082	0.59	cps
Chromium	52-2	2484975	2494257	2511484	2496905	0.54	cps
Cobalt	59-2	4070140	4100366	4111985	4094164	0.53	cps
Copper	63-2	5788451	5848817	5864247	5833838	0.69	cps
Dysprosium	156-1	258	133	283	225	35.72	cps
Dysprosium	156-2	137	80	140	119	28.36	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	142	200	158	167	18.03	cps
Gadolinium	160-2	130	120	87	112	20.22	cps
Holmium	165-1	10590641	10557961	10577675	10575426	0.16	cps
Holmium	165-2	5375618	5414985	5470481	5420362	0.88	cps
Indium	115-1	7995740	8064858	8035649	8032082	0.43	cps
Indium	115-2	1542500	1553933	1565981	1554138	0.76	cps
Iron	56-2	103851833	104401675	104645086	104299531	0.39	cps
Iron	57-2	2595450	2602407	2608122	2601993	0.24	cps
Lead	206-1	7414673	7430385	7483320	7442793	0.48	cps
Lead	207-1	6984235	6959291	7043875	6995800	0.62	cps
Lead	208-1	30873225	31246464	31360896	31160195	0.82	cps
Lithium	6-1	1637100	1641673	1642876	1640550	0.19	cps
Magnesium	24-2	17736225	17794605	17829064	17786631	0.26	cps
Manganese	55-2	2884216	2898122	2918989	2900442	0.60	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7332537	7324081	7329988	7328869	0.06	cps
Molybdenum	94-1	8459247	8500741	8409224	8456404	0.54	cps
Molybdenum	95-1	4550099	4567765	4553922	4557262	0.20	cps
Molybdenum	96-1	5841937	5874830	5916489	5877752	0.64	cps
Molybdenum	97-1	2806298	2825212	2816064	2815858	0.34	cps
Neodymium	150-1	980	860	800	880	10.42	cps
Neodymium	150-2	107	93	67	89	22.91	cps
Nickel	60-2	1041335	1050418	1052270	1048008	0.56	cps
Phosphorus	31-2	80500	79612	80676	80263	0.71	cps
Potassium	39-2	9125933	9100682	9141560	9122725	0.23	cps
Rhodium	103-1	7093369	7078488	7073474	7081777	0.15	cps
Rhodium	103-2	3311346	3345925	3352414	3336562	0.66	cps
Scandium	45-1	4807929	4840960	4851744	4833544	0.47	cps
Scandium	45-2	205618	206659	207910	206729	0.56	cps
Selenium	77-2	5935	6021	5855	5937	1.40	cps
Selenium	78-2	19545	19535	19760	19613	0.65	cps
Selenium	82-1	132960	132375	133816	133050	0.54	cps
Silicon	28-1	4818319	4833354	4800386	4817353	0.34	cps
Silver	109-1	10520293	10655240	10611891	10595808	0.65	cps
Silver	107-1	11002482	10972118	10927866	10967489	0.34	cps
Sodium	23-2	33862300	33590552	33986758	33813203	0.60	cps
Strontium	86-1	3026082	3045178	3040339	3037200	0.33	cps
Strontium	88-1	26056769	26391145	26410734	26286216	0.76	cps
Sulfur	34-1	1032043	1032075	1029746	1031288	0.13	cps
Terbium	159-1	11038471	11196540	11046368	11093793	0.80	cps
Terbium	159-2	5345836	5437557	5447045	5410146	1.03	cps
Thallium	203-1	9342769	9284007	9435725	9354167	0.82	cps
Thallium	205-1	22088233	22496048	22476538	22353606	1.03	cps
Tin	118-1	7785150	7776168	7801355	7787558	0.16	cps
Titanium	47-1	1216308	1224775	1227410	1222831	0.47	cps
Uranium	238-1	32867901	33162765	32804546	32945071	0.58	cps
Vanadium	51-2	2090764	2096250	2117712	2101575	0.68	cps
Yttrium	89-1	8379296	8412357	8439770	8410474	0.36	cps
Yttrium	89-2	1180040	1203624	1202649	1195438	1.12	cps
Zinc	66-2	783915	782023	789130	785023	0.47	cps
Zirconium	90-1	16393917	16473649	16335735	16401100	0.42	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:21:39	DataFile Name :	010CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3651860	3642346	3657488	3650565	0.21	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CALC_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8279247	8375565	8328912	8327908	0.58	cps
Antimony	121-1	35053	33583	33800	34145	2.33	cps
Arsenic	75-2	226	246	261	244	7.23	cps
Barium	135-1	6719	6360	5360	6146	11.46	cps
Barium	137-1	11213	10304	9262	10260	9.52	cps
Beryllium	9-1	1506	1089	1289	1295	16.10	cps
Bismuth	209-1	6161854	6140856	6162853	6155188	0.20	cps
Bismuth	209-2	3641100	3668553	3665831	3658495	0.41	cps
Boron	11-1	54048	49632	47175	50285	6.93	cps
Boron	10-1	10838	10237	9678	10251	5.66	cps
Cadmium	106-1	2625	3100	2884	2870	8.29	cps
Cadmium	108-1	104	54	63	74	36.39	cps
Cadmium	111-1	2552	2816	2675	2681	4.92	cps
Calcium	43-1	13443059	13595939	13762097	13600365	1.17	cps
Calcium	44-1	219075805	219723722	221981405	220260310	0.69	cps
Chromium	52-2	61993	63382	63372	62916	1.27	cps
Cobalt	59-2	7185	7415	7392	7331	1.73	cps
Copper	63-2	13493	13186	12769	13149	2.76	cps
Dysprosium	156-1	167	167	233	189	20.38	cps
Dysprosium	156-2	77	90	97	88	11.60	cps
Erbium	164-1	117	83	75	92	24.05	cps
Erbium	164-2	23	43	60	42	43.49	cps
Gadolinium	160-1	175	208	158	181	14.10	cps
Gadolinium	160-2	120	130	123	124	4.09	cps
Holmium	165-1	10116249	10218352	10273827	10202809	0.78	cps
Holmium	165-2	5244022	5245404	5217367	5235597	0.30	cps
Indium	115-1	7816669	7887417	7915309	7873131	0.65	cps
Indium	115-2	1549034	1570727	1572388	1564050	0.83	cps
Iron	56-2	530577156	536989523	539064723	535543801	0.83	cps
Iron	57-2	13274158	13410393	13570782	13418444	1.11	cps
Lead	206-1	15965	15682	15865	15838	0.91	cps
Lead	207-1	14352	13935	13713	14000	2.32	cps
Lead	208-1	65844	63600	62620	64021	2.58	cps
Lithium	6-1	1627059	1634503	1644172	1635245	0.52	cps
Magnesium	24-2	95918644	96710221	97248273	96625713	0.69	cps
Manganese	55-2	13466	13680	14010	13719	2.00	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CAL5_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	33407	33240	33966	33538	1.13	cps
Molybdenum	94-1	14024	13065	15017	14035	6.95	cps
Molybdenum	95-1	21492	20415	20399	20769	3.02	cps
Molybdenum	96-1	27828	27377	27753	27653	0.87	cps
Molybdenum	97-1	13032	13032	13115	13059	0.37	cps
Neodymium	150-1	140	207	133	160	25.35	cps
Neodymium	150-2	63	57	67	62	8.18	cps
Nickel	60-2	16473	16429	15892	16265	1.99	cps
Phosphorus	31-2	183	183	192	186	2.59	cps
Potassium	39-2	49084623	49424888	49923701	49477737	0.85	cps
Rhodium	103-1	6664042	6643899	6775632	6694524	1.06	cps
Rhodium	103-2	3142031	3144838	3155300	3147390	0.22	cps
Scandium	45-1	4900418	4981982	4954976	4945792	0.84	cps
Scandium	45-2	218618	219696	219501	219271	0.26	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	65	69	74	69	6.74	cps
Selenium	82-1	263	33	194	163	72.16	cps
Silicon	28-1	366317	368304	376981	370534	1.53	cps
Silver	109-1	2450	2284	2175	2303	6.02	cps
Silver	107-1	3017	2684	2142	2614	16.90	cps
Sodium	23-2	180762921	181419846	183363983	181848917	0.74	cps
Strontium	86-1	104345	103286	106325	104652	1.47	cps
Strontium	88-1	870862	874971	884234	876689	0.78	cps
Sulfur	34-1	297944	294670	300865	297826	1.04	cps
Terbium	159-1	10694367	10729796	10645239	10689801	0.40	cps
Terbium	159-2	5188747	5206457	5213337	5202847	0.24	cps
Thallium	203-1	5726	5185	5068	5326	6.60	cps
Thallium	205-1	14242	12582	12139	12988	8.53	cps
Tin	118-1	12690	12122	11689	12167	4.13	cps
Titanium	47-1	2744	1917	2334	2331	17.73	cps
Uranium	238-1	11372	9879	9304	10185	10.48	cps
Vanadium	51-2	1153	1167	1103	1141	2.93	cps
Yttrium	89-1	8233772	8275176	8381267	8296739	0.92	cps
Yttrium	89-2	1206996	1213741	1226712	1215816	0.82	cps
Zinc	66-2	5268	5571	5361	5400	2.88	cps
Zirconium	90-1	7119	5918	5518	6185	13.47	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:25:10	DataFile Name :	011CALS_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467	1533	1275	1425	9.41	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS.L

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44559	44651	43807	44339	1.04	cps
Antimony	121-1	2047443	2039282	2052934	2046553	0.34	cps
Arsenic	75-2	66641	66397	66925	66654	0.40	cps
Barium	135-1	257751	252715	257455	255974	1.10	cps
Barium	137-1	448897	442156	444866	445307	0.76	cps
Beryllium	9-1	173704	171001	170833	171846	0.94	cps
Bismuth	209-1	7647966	7563405	7370771	7527381	1.89	cps
Bismuth	209-2	4600817	4607756	4590158	4599577	0.19	cps
Boron	11-1	437914	451602	449355	446290	1.64	cps
Boron	10-1	88769	91098	91317	90394	1.56	cps
Cadmium	106-1	24722	25031	24313	24689	1.46	cps
Cadmium	108-1	16723	16910	16723	16785	0.65	cps
Cadmium	111-1	249719	246303	244927	246983	1.00	cps
Calcium	43-1	61320	57922	59269	59504	2.88	cps
Calcium	44-1	975538	962707	964640	967628	0.71	cps
Chromium	52-2	280666	278980	276930	278859	0.67	cps
Cobalt	59-2	475461	471426	473095	473327	0.43	cps
Copper	63-2	343461	341887	339765	341704	0.54	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	100	125	92	106	16.44	cps
Erbium	164-2	47	33	77	52	42.50	cps
Gadolinium	160-1	75	100	67	81	21.54	cps
Gadolinium	160-2	67	60	63	63	5.27	cps
Holmium	165-1	11400434	11217431	11217962	11278609	0.94	cps
Holmium	165-2	5839900	5823720	5866146	5843255	0.37	cps
Indium	115-1	9324363	9175307	8975389	9158353	1.91	cps
Indium	115-2	1787298	1791586	1786830	1788571	0.15	cps
Iron	56-2	2436296	2419015	2421864	2425725	0.38	cps
Iron	57-2	60112	60017	60073	60067	0.08	cps
Lead	206-1	1650896	1623040	1623760	1632565	0.97	cps
Lead	207-1	1474874	1454068	1434969	1454637	1.37	cps
Lead	208-1	6726262	6656895	6598326	6660494	0.96	cps
Lithium	6-1	1906262	1901549	1878864	1895558	0.77	cps
Magnesium	24-2	251541	250576	248248	250122	0.68	cps
Manganese	55-2	164582	163533	162074	163396	0.77	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS.L

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3782602	3786922	3774471	3781331	0.17	cps
Molybdenum	94-1	1332061	1330697	1314153	1325637	0.75	cps
Molybdenum	95-1	2333338	2344254	2336997	2338196	0.24	cps
Molybdenum	96-1	2511440	2501946	2488642	2500676	0.46	cps
Molybdenum	97-1	1445287	1430386	1445513	1440395	0.60	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	126389	125165	126113	125889	0.51	cps
Phosphorus	31-2	175	133	167	158	13.92	cps
Potassium	39-2	445547	452876	441666	446696	1.27	cps
Rhodium	103-1	8392982	8271393	8263161	8309178	0.87	cps
Rhodium	103-2	3916005	3917503	3905480	3912996	0.17	cps
Scandium	45-1	5616066	5569793	5523452	5569771	0.83	cps
Scandium	45-2	236449	237319	236187	236652	0.25	cps
Selenium	77-2	1427	1423	1387	1412	1.57	cps
Selenium	78-2	4747	4805	4721	4758	0.90	cps
Selenium	82-1	31225	31304	31379	31303	0.25	cps
Silicon	28-1	3203917	3206432	3183043	3197797	0.40	cps
Silver	109-1	1161885	1167775	1168852	1166171	0.32	cps
Silver	107-1	1214574	1217369	1212284	1214742	0.21	cps
Sodium	23-2	806775	798950	799262	801662	0.55	cps
Strontium	86-1	9237	9612	9037	9295	3.14	cps
Strontium	88-1	64336	65752	66295	65461	1.54	cps
Sulfur	34-1	311777	308962	306399	309046	0.87	cps
Terbium	159-1	12077956	11952706	11846419	11959027	0.97	cps
Terbium	159-2	5835450	5887469	5839638	5854186	0.49	cps
Thallium	203-1	2020704	2014670	2024219	2019865	0.24	cps
Thallium	205-1	4966891	4921436	4915778	4934702	0.57	cps
Tin	118-1	4064200	4050633	3998933	4037922	0.85	cps
Titanium	47-1	654341	650490	649139	651323	0.41	cps
Uranium	238-1	667	700	583	650	9.24	cps
Vanadium	51-2	234198	234002	232082	233427	0.50	cps
Yttrium	89-1	9447133	9345500	9357868	9383500	0.59	cps
Yttrium	89-2	1350610	1348626	1338529	1345922	0.48	cps
Zinc	66-2	95892	95224	94369	95162	0.80	cps
Zirconium	90-1	30492	24781	20766	25346	19.28	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:28:51	DataFile Name :	012ICV_P7070117-MS .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6894	5101	5068	5688	18.37	cps

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 12:32:38 DataFile Name : 013CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	108	100	8.33	cps
Antimony	121-1	7727	7160	7619	7502	4.01	cps
Arsenic	75-2	57	69	50	59	15.90	cps
Barium	135-1	83	108	150	114	29.57	cps
Barium	137-1	250	275	225	250	10.00	cps
Beryllium	9-1	461	578	500	513	11.58	cps
Bismuth	209-1	7522228	7483861	7512108	7506066	0.26	cps
Bismuth	209-2	4390495	4353458	4407890	4383948	0.63	cps
Boron	11-1	33830	33045	30498	32458	5.37	cps
Boron	10-1	7135	7119	6910	7055	1.78	cps
Cadmium	106-1	3075	3467	3201	3248	6.16	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	2196	2457	2280	2311	5.78	cps
Calcium	43-1	375	400	308	361	13.12	cps
Calcium	44-1	8811	8595	9462	8956	5.04	cps
Chromium	52-2	550	553	587	563	3.60	cps
Cobalt	59-2	230	210	210	217	5.33	cps
Copper	63-2	1147	1157	1153	1152	0.44	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	8	42	50	33	66.15	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	92	75	25	64	54.31	cps
Gadolinium	160-2	60	80	67	69	14.78	cps
Holmium	165-1	11276292	11217499	11235825	11243205	0.27	cps
Holmium	165-2	5602587	5551892	5634035	5596171	0.74	cps
Indium	115-1	9019585	9074362	9100471	9064806	0.46	cps
Indium	115-2	1719761	1721484	1722997	1721414	0.09	cps
Iron	56-2	14007	13851	13673	13844	1.21	cps
Iron	57-2	483	344	356	394	19.57	cps
Lead	206-1	1628	1672	1511	1604	5.19	cps
Lead	207-1	1545	1628	1589	1587	2.63	cps
Lead	208-1	6918	6706	6462	6695	3.41	cps
Lithium	6-1	1851538	1829555	1840258	1840450	0.60	cps
Magnesium	24-2	2025	2050	1967	2014	2.12	cps
Manganese	55-2	293	267	273	278	5.00	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:32:38	DataFile Name :	013CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2675	2650	2684	2670	0.65	cps
Molybdenum	94-1	1267	1125	1067	1153	8.92	cps
Molybdenum	95-1	1659	1659	1709	1675	1.72	cps
Molybdenum	96-1	1784	1875	1517	1725	10.79	cps
Molybdenum	97-1	1225	983	933	1047	14.90	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	377	400	430	402	6.65	cps
Phosphorus	31-2	158	117	33	103	61.93	cps
Potassium	39-2	29906	31501	30741	30716	2.60	cps
Rhodium	103-1	8226228	8178070	8193423	8199240	0.30	cps
Rhodium	103-2	3722155	3716194	3724497	3720949	0.12	cps
Scandium	45-1	5409291	5407410	5387545	5401415	0.22	cps
Scandium	45-2	225384	223384	221229	223332	0.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	81	80	65	75	12.13	cps
Selenium	82-1	-48	67	190	69	171.50	cps
Silicon	28-1	321651	322701	322991	322448	0.22	cps
Silver	109-1	358	300	317	325	9.25	cps
Silver	107-1	283	250	233	256	9.96	cps
Sodium	23-2	22442	21867	21265	21858	2.69	cps
Strontium	86-1	2009	1800	1784	1864	6.73	cps
Strontium	88-1	417	383	408	403	4.31	cps
Sulfur	34-1	310803	314276	313919	312999	0.61	cps
Terbium	159-1	11788556	11787218	11799957	11791911	0.06	cps
Terbium	159-2	5576178	5555691	5620648	5584173	0.59	cps
Thallium	203-1	942	842	883	889	5.65	cps
Thallium	205-1	2417	2300	1934	2217	11.38	cps
Tin	118-1	6560	6377	6243	6393	2.49	cps
Titanium	47-1	125	183	150	153	19.15	cps
Uranium	238-1	408	392	350	383	7.84	cps
Vanadium	51-2	20	40	33	31	32.73	cps
Yttrium	89-1	9203454	9187898	9178373	9189909	0.14	cps
Yttrium	89-2	1274033	1275381	1278505	1275973	0.18	cps
Zinc	66-2	230	250	227	236	5.36	cps
Zirconium	90-1	667	750	658	692	7.33	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:32:38	DataFile Name :	013CCBE_P7070117-MS

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

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 12:36:07 DataFile Name : 014ICSA_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7786148	7721060	7784357	7763855	0.48	cps
Antimony	121-1	14633	14917	15985	15178	4.70	cps
Arsenic	75-2	126	120	148	131	11.18	cps
Barium	135-1	3509	3784	3976	3756	6.25	cps
Barium	137-1	6685	6410	6493	6530	2.16	cps
Beryllium	9-1	889	928	733	850	12.11	cps
Bismuth	209-1	7100050	7123257	7151999	7125102	0.37	cps
Bismuth	209-2	4157663	4215224	4206191	4193026	0.74	cps
Boron	11-1	20481	20356	19447	20095	2.81	cps
Boron	10-1	4342	3834	4026	4067	6.31	cps
Cadmium	106-1	3092	3184	2792	3023	6.78	cps
Cadmium	108-1	1979	1925	1854	1920	3.27	cps
Cadmium	111-1	2979	3140	2998	3039	2.88	cps
Calcium	43-1	2771146	2759551	2758842	2763180	0.25	cps
Calcium	44-1	44484043	44340311	44442058	44422137	0.17	cps
Chromium	52-2	53574	52995	53242	53270	0.55	cps
Cobalt	59-2	5021	5108	5368	5165	3.49	cps
Copper	63-2	25643	25713	25623	25659	0.18	cps
Dysprosium	156-1	67	58	67	64	7.53	cps
Dysprosium	156-2	17	20	30	22	31.22	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	133	158	75	122	34.99	cps
Gadolinium	160-2	90	103	93	96	7.26	cps
Holmium	165-1	11204793	11265639	11167554	11212662	0.44	cps
Holmium	165-2	5676907	5719580	5713761	5703416	0.41	cps
Indium	115-1	8820038	8957120	8874928	8884029	0.78	cps
Indium	115-2	1691849	1712449	1704458	1702919	0.61	cps
Iron	56-2	219262194	218662388	217476305	218466962	0.42	cps
Iron	57-2	5495343	5493563	5504870	5497925	0.11	cps
Lead	206-1	35849	36629	35649	36042	1.44	cps
Lead	207-1	29105	28759	28759	28875	0.69	cps
Lead	208-1	137144	137902	137324	137457	0.29	cps
Lithium	6-1	1798247	1788276	1785749	1790757	0.37	cps
Magnesium	24-2	18857068	18740664	18792353	18796695	0.31	cps
Manganese	55-2	12145	12295	11942	12127	1.46	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:36:07	DataFile Name :	014ICSA_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	15119983	15056705	15045413	15074033	0.27	cps
Molybdenum	94-1	5332780	5259670	5302196	5298215	0.69	cps
Molybdenum	95-1	9489744	9410823	9390540	9430369	0.56	cps
Molybdenum	96-1	10176893	9922168	10041340	10046800	1.27	cps
Molybdenum	97-1	5854058	5835649	5827684	5839130	0.23	cps
Neodymium	150-1	60	107	47	71	44.30	cps
Neodymium	150-2	17	23	7	16	53.90	cps
Nickel	60-2	6708	6238	6125	6357	4.87	cps
Phosphorus	31-2	428308	421382	427611	425767	0.90	cps
Potassium	39-2	19542295	19386753	19408143	19445730	0.43	cps
Rhodium	103-1	7745510	7726166	7722820	7731499	0.16	cps
Rhodium	103-2	3552281	3605707	3578487	3578825	0.75	cps
Scandium	45-1	5392982	5413932	5365378	5390764	0.45	cps
Scandium	45-2	222771	226155	224696	224541	0.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	78	89	74	22.91	cps
Selenium	82-1	106	43	106	85	42.47	cps
Silicon	28-1	458976	459777	468890	462548	1.19	cps
Silver	109-1	917	1133	1017	1022	10.61	cps
Silver	107-1	1033	1208	1192	1145	8.44	cps
Sodium	23-2	35750484	35851626	36087787	35896632	0.48	cps
Strontium	86-1	109028	107224	108467	108239	0.85	cps
Strontium	88-1	919991	919016	925545	921517	0.38	cps
Sulfur	34-1	4373274	4368892	4371693	4371287	0.05	cps
Terbium	159-1	11789929	11777792	11706410	11758044	0.38	cps
Terbium	159-2	5631894	5701780	5724960	5686211	0.85	cps
Thallium	203-1	1067	1075	1117	1086	2.47	cps
Thallium	205-1	2450	2700	2650	2600	5.09	cps
Tin	118-1	3842	3901	3734	3826	2.21	cps
Titanium	47-1	2594568	2599969	2617427	2603988	0.46	cps
Uranium	238-1	1067	867	825	920	14.05	cps
Vanadium	51-2	410	297	360	356	15.97	cps
Yttrium	89-1	9168238	9250222	9259796	9226086	0.55	cps
Yttrium	89-2	1293538	1304340	1299683	1299187	0.42	cps
Zinc	66-2	5341	5104	5041	5162	3.06	cps
Zirconium	90-1	1684	1333	1308	1442	14.54	cps

LB Number : LB88492

Operator : Jaswal

Lab Sample ID : ICSA

Instrumnet Name : P7

Client Sample ID : ICSA

Dilution Factor : 1

Date & Time Acquired :: 2017-07-01 12:36:07

DataFile Name : 014ICSA_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	400	275	333	18.88	cps

LB Number : LB88492 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-01 12:39:33 DataFile Name : 015ICSB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7666715	7719163	7611328	7665735	0.70	cps
Antimony	121-1	199962	202126	203655	201914	0.92	cps
Arsenic	75-2	6390	6335	6177	6301	1.75	cps
Barium	135-1	52542	52015	53328	52628	1.26	cps
Barium	137-1	91400	93220	92130	92250	0.99	cps
Beryllium	9-1	32151	32135	32546	32277	0.72	cps
Bismuth	209-1	6969982	6988680	6887202	6948621	0.78	cps
Bismuth	209-2	4136093	4136779	4212372	4161748	1.05	cps
Boron	11-1	59852	59317	60839	60003	1.29	cps
Boron	10-1	12481	12014	12606	12367	2.52	cps
Cadmium	106-1	6727	6443	6952	6707	3.80	cps
Cadmium	108-1	4551	4793	4743	4695	2.72	cps
Cadmium	111-1	46357	46612	46932	46634	0.62	cps
Calcium	43-1	2740584	2729238	2718572	2729464	0.40	cps
Calcium	44-1	43731235	44119724	44185666	44012208	0.56	cps
Chromium	52-2	104493	105501	103346	104446	1.03	cps
Cobalt	59-2	91566	91849	92059	91825	0.27	cps
Copper	63-2	87191	85947	86591	86576	0.72	cps
Dysprosium	156-1	58	33	42	44	28.64	cps
Dysprosium	156-2	30	23	30	28	13.86	cps
Erbium	164-1	42	75	75	64	30.12	cps
Erbium	164-2	7	23	43	24	75.09	cps
Gadolinium	160-1	108	100	125	111	11.46	cps
Gadolinium	160-2	103	100	67	90	22.53	cps
Holmium	165-1	11016848	10997924	11055543	11023438	0.27	cps
Holmium	165-2	5656800	5619662	5757387	5677950	1.25	cps
Indium	115-1	8744233	8770355	8789237	8767942	0.26	cps
Indium	115-2	1688200	1677294	1709907	1691800	0.98	cps
Iron	56-2	217732310	217133527	216127794	216997877	0.37	cps
Iron	57-2	5440990	5435836	5420358	5432395	0.20	cps
Lead	206-1	186576	185736	187064	186459	0.36	cps
Lead	207-1	158240	159646	162834	160240	1.47	cps
Lead	208-1	734431	737268	739312	737003	0.33	cps
Lithium	6-1	1759800	1765581	1754953	1760111	0.30	cps
Magnesium	24-2	18605263	18681648	18583839	18623584	0.28	cps
Manganese	55-2	42906	43290	41860	42685	1.73	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:39:33	DataFile Name :	015ICSB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	15249664	15214465	15268985	15244371	0.18	cps
Molybdenum	94-1	5349310	5346940	5364305	5353518	0.18	cps
Molybdenum	95-1	9535997	9546650	9599861	9560836	0.36	cps
Molybdenum	96-1	10145078	10099075	10173282	10139145	0.37	cps
Molybdenum	97-1	5948393	5845192	5850003	5881196	0.99	cps
Neodymium	150-1	53	73	40	56	30.20	cps
Neodymium	150-2	13	27	3	14	81.07	cps
Nickel	60-2	28752	28384	28668	28601	0.67	cps
Phosphorus	31-2	421901	424665	426140	424236	0.51	cps
Potassium	39-2	19301582	19299896	19230172	19277217	0.21	cps
Rhodium	103-1	7613810	7629649	7625032	7622830	0.11	cps
Rhodium	103-2	3552563	3528903	3601572	3561013	1.04	cps
Scandium	45-1	5286062	5338342	5267413	5297272	0.69	cps
Scandium	45-2	224951	223323	225833	224702	0.57	cps
Selenium	77-2	103	133	153	130	19.36	cps
Selenium	78-2	532	498	474	501	5.75	cps
Selenium	82-1	2904	2784	2776	2822	2.54	cps
Silicon	28-1	761105	761127	767367	763200	0.47	cps
Silver	109-1	204548	206984	204077	205203	0.76	cps
Silver	107-1	212106	212985	215261	213451	0.76	cps
Sodium	23-2	35487694	35532457	35361256	35460469	0.25	cps
Strontium	86-1	107148	105846	105032	106009	1.01	cps
Strontium	88-1	914834	914701	912351	913962	0.15	cps
Sulfur	34-1	4291652	4314157	4291444	4299085	0.30	cps
Terbium	159-1	11583469	11660763	11499559	11581264	0.70	cps
Terbium	159-2	5658603	5621729	5708068	5662800	0.77	cps
Thallium	203-1	186298	186988	186798	186695	0.19	cps
Thallium	205-1	451053	449648	449945	450215	0.16	cps
Tin	118-1	386965	388621	395796	390460	1.20	cps
Titanium	47-1	2615770	2619811	2645436	2627006	0.61	cps
Uranium	238-1	892	700	742	778	12.96	cps
Vanadium	51-2	44046	43939	44230	44071	0.33	cps
Yttrium	89-1	9061547	9088567	9015242	9055118	0.41	cps
Yttrium	89-2	1297089	1289551	1315747	1300796	1.04	cps
Zinc	66-2	13099	13226	13356	13227	0.97	cps
Zirconium	90-1	1525	1283	1242	1350	11.33	cps

LB Number : LB88492

Operator : Jaswal

Lab Sample ID : ICSAB

Instrumnet Name : P7

Client Sample ID : ICSAB

Dilution Factor : 1

Date & Time Acquired :: 2017-07-01 12:39:33

DataFile Name : 015ICSB_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	350	358	331	12.44	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4243008	4225194	4269049	4245750	0.52	cps
Antimony	121-1	4695750	4740164	4746741	4727551	0.59	cps
Arsenic	75-2	152736	151745	152856	152446	0.40	cps
Barium	135-1	6030567	6056092	6027344	6038001	0.26	cps
Barium	137-1	10365517	10397264	10451363	10404715	0.42	cps
Beryllium	9-1	806695	808722	806845	807421	0.14	cps
Bismuth	209-1	6598760	6620766	6580539	6600022	0.31	cps
Bismuth	209-2	3980479	3970576	3978175	3976410	0.13	cps
Boron	11-1	451518	457890	465996	458468	1.58	cps
Boron	10-1	91242	94041	94939	93407	2.06	cps
Cadmium	106-1	118837	119962	117005	118601	1.26	cps
Cadmium	108-1	78176	77946	76640	77587	1.07	cps
Cadmium	111-1	1062412	1061150	1072517	1065360	0.58	cps
Calcium	43-1	6814532	6881149	6846355	6847346	0.49	cps
Calcium	44-1	110565786	110964102	110122327	110550739	0.38	cps
Chromium	52-2	1353021	1350938	1362476	1355478	0.45	cps
Cobalt	59-2	2126477	2124798	2142139	2131138	0.45	cps
Copper	63-2	2958701	2964184	2988906	2970597	0.54	cps
Dysprosium	156-1	242	167	183	197	19.97	cps
Dysprosium	156-2	97	107	87	97	10.34	cps
Erbium	164-1	33	75	83	64	41.93	cps
Erbium	164-2	47	40	50	46	11.18	cps
Gadolinium	160-1	133	167	192	164	17.86	cps
Gadolinium	160-2	110	103	127	113	10.60	cps
Holmium	165-1	10575779	10577641	10634098	10595839	0.31	cps
Holmium	165-2	5524950	5501725	5535647	5520774	0.31	cps
Indium	115-1	8246644	8248272	8274689	8256535	0.19	cps
Indium	115-2	1621987	1641405	1632580	1631991	0.60	cps
Iron	56-2	270809289	271576539	270432878	270939569	0.22	cps
Iron	57-2	6730538	6715732	6765737	6737335	0.38	cps
Lead	206-1	3582208	3594294	3589380	3588627	0.17	cps
Lead	207-1	3285268	3299269	3297200	3293912	0.23	cps
Lead	208-1	14807849	14812212	14820898	14813653	0.04	cps
Lithium	6-1	1715691	1725922	1721915	1721176	0.30	cps
Magnesium	24-2	48092408	47974919	48250342	48105890	0.29	cps
Manganese	55-2	1539523	1536444	1551389	1542452	0.51	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3700319	3727423	3744932	3724224	0.60	cps
Molybdenum	94-1	4347510	4372959	4383953	4368141	0.43	cps
Molybdenum	95-1	2316243	2297973	2300001	2304739	0.43	cps
Molybdenum	96-1	2977267	2986829	2996059	2986718	0.31	cps
Molybdenum	97-1	1419078	1433566	1427237	1426627	0.51	cps
Neodymium	150-1	553	580	500	544	7.48	cps
Neodymium	150-2	97	73	60	77	24.21	cps
Nickel	60-2	546058	548717	551269	548681	0.47	cps
Phosphorus	31-2	43866	44359	44960	44395	1.23	cps
Potassium	39-2	24948425	25049895	25110279	25036200	0.33	cps
Rhodium	103-1	7131465	7181406	7153923	7155598	0.35	cps
Rhodium	103-2	3386286	3406998	3416221	3403168	0.45	cps
Scandium	45-1	5305546	5310766	5296479	5304264	0.14	cps
Scandium	45-2	229861	231567	230439	230622	0.38	cps
Selenium	77-2	3094	2817	2997	2969	4.73	cps
Selenium	78-2	10246	10155	10085	10162	0.80	cps
Selenium	82-1	66239	66454	67337	66677	0.87	cps
Silicon	28-1	3528557	3583152	3628066	3579925	1.39	cps
Silver	109-1	5083623	5094547	5147885	5108685	0.67	cps
Silver	107-1	5289503	5308413	5348495	5315470	0.57	cps
Sodium	23-2	91639871	91511950	91759246	91637022	0.13	cps
Strontium	86-1	1567809	1568171	1585248	1573743	0.63	cps
Strontium	88-1	13854677	13685383	13759285	13766448	0.62	cps
Sulfur	34-1	722360	725242	718147	721916	0.49	cps
Terbium	159-1	11028107	11165472	10965918	11053166	0.92	cps
Terbium	159-2	5470388	5469085	5461322	5466932	0.09	cps
Thallium	203-1	4413225	4432297	4430672	4425398	0.24	cps
Thallium	205-1	10589444	10686541	10600771	10625586	0.50	cps
Tin	118-1	3803217	3828546	3857933	3829899	0.71	cps
Titanium	47-1	648283	657669	663608	656520	1.18	cps
Uranium	238-1	16021562	16003156	16058352	16027690	0.18	cps
Vanadium	51-2	1129324	1131838	1137848	1133003	0.39	cps
Yttrium	89-1	8793476	8715428	8772998	8760634	0.46	cps
Yttrium	89-2	1282642	1280467	1281709	1281606	0.09	cps
Zinc	66-2	401968	400813	404430	402404	0.46	cps
Zirconium	90-1	8483209	8401522	8522156	8468962	0.73	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P7
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 12:58:19	DataFile Name :	018CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1861995	1853713	1881805	1865838	0.77	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	125	125	125	0.00	cps
Antimony	121-1	4117	4009	4468	4198	5.71	cps
Arsenic	75-2	31	37	37	35	9.12	cps
Barium	135-1	242	192	125	186	31.45	cps
Barium	137-1	375	250	225	283	28.36	cps
Beryllium	9-1	500	544	406	483	14.68	cps
Bismuth	209-1	7186496	7315000	7231980	7244492	0.90	cps
Bismuth	209-2	4336424	4360648	4353093	4350055	0.28	cps
Boron	11-1	12097	12164	11638	11966	2.39	cps
Boron	10-1	2659	2625	2209	2498	10.04	cps
Cadmium	106-1	2634	3101	2892	2875	8.13	cps
Cadmium	108-1	25	17	4	15	68.61	cps
Cadmium	111-1	1868	2196	2026	2030	8.09	cps
Calcium	43-1	392	242	333	322	23.47	cps
Calcium	44-1	9237	8044	8319	8533	7.32	cps
Chromium	52-2	510	577	570	552	6.65	cps
Cobalt	59-2	203	163	153	173	15.26	cps
Copper	63-2	1123	970	1143	1079	8.79	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	8	58	33	75.01	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	67	63	90	73	19.81	cps
Holmium	165-1	10760056	10791721	10827504	10793094	0.31	cps
Holmium	165-2	5515091	5518470	5532274	5521945	0.16	cps
Indium	115-1	8771075	8778779	8878989	8809614	0.68	cps
Indium	115-2	1718974	1727685	1715702	1720787	0.36	cps
Iron	56-2	15058	15937	15397	15464	2.87	cps
Iron	57-2	494	539	500	511	4.74	cps
Lead	206-1	1550	1356	1389	1432	7.27	cps
Lead	207-1	1556	1245	1295	1365	12.24	cps
Lead	208-1	6251	5678	5606	5845	6.04	cps
Lithium	6-1	1800949	1802511	1799123	1800861	0.09	cps
Magnesium	24-2	2059	1675	1800	1845	10.60	cps
Manganese	55-2	223	263	253	247	8.44	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1133	983	1008	1042	7.71	cps
Molybdenum	94-1	983	967	1017	989	2.57	cps
Molybdenum	95-1	533	575	767	625	19.91	cps
Molybdenum	96-1	792	800	800	797	0.60	cps
Molybdenum	97-1	458	408	417	428	6.26	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	373	423	417	404	6.71	cps
Phosphorus	31-2	100	158	150	136	23.18	cps
Potassium	39-2	33347	32996	33848	33397	1.28	cps
Rhodium	103-1	7939429	8000064	8013960	7984484	0.50	cps
Rhodium	103-2	3711296	3691613	3728845	3710585	0.50	cps
Scandium	45-1	5402835	5345754	5358815	5369135	0.56	cps
Scandium	45-2	227344	228114	230193	228550	0.64	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	50	78	50	59	27.07	cps
Selenium	82-1	48	11	-4	18	144.80	cps
Silicon	28-1	337713	332834	334163	334903	0.75	cps
Silver	109-1	158	225	242	208	21.17	cps
Silver	107-1	342	325	150	272	39.00	cps
Sodium	23-2	27267	26833	26366	26822	1.68	cps
Strontium	86-1	1892	1625	1734	1750	7.66	cps
Strontium	88-1	575	275	317	389	41.79	cps
Sulfur	34-1	318037	321608	318761	319468	0.59	cps
Terbium	159-1	11387684	11574221	11423136	11461680	0.86	cps
Terbium	159-2	5488705	5513716	5534386	5512269	0.41	cps
Thallium	203-1	667	600	550	606	9.67	cps
Thallium	205-1	1258	1392	1325	1325	5.03	cps
Tin	118-1	2942	3150	3226	3106	4.73	cps
Titanium	47-1	150	225	183	186	20.19	cps
Uranium	238-1	367	350	333	350	4.76	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	8933189	9020496	8909898	8954528	0.65	cps
Yttrium	89-2	1289991	1282998	1289534	1287507	0.30	cps
Zinc	66-2	217	223	253	231	8.45	cps
Zirconium	90-1	1625	1775	1684	1695	4.46	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P7
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:05:47	DataFile Name :	019CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	267	392	344	19.70	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1608	1583	1564	3.63	cps
Antimony	121-1	22035	20966	21534	21512	2.48	cps
Arsenic	75-2	320	372	400	364	11.10	cps
Barium	135-1	23287	23195	22920	23134	0.83	cps
Barium	137-1	41096	39557	39357	40003	2.38	cps
Beryllium	9-1	1961	2184	1989	2045	5.92	cps
Bismuth	209-1	7228901	7189569	7120793	7179754	0.76	cps
Bismuth	209-2	4311626	4261289	4250681	4274532	0.76	cps
Boron	11-1	29012	30498	29171	29560	2.76	cps
Boron	10-1	5951	6185	6318	6152	3.02	cps
Cadmium	106-1	3317	3134	3075	3176	3.97	cps
Cadmium	108-1	296	108	213	206	45.70	cps
Cadmium	111-1	4594	4206	4013	4271	6.94	cps
Calcium	43-1	13382	13231	13874	13496	2.49	cps
Calcium	44-1	219259	221450	221349	220686	0.56	cps
Chromium	52-2	6168	5911	5985	6021	2.20	cps
Cobalt	59-2	4404	4391	4294	4363	1.38	cps
Copper	63-2	7619	7909	7635	7721	2.11	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	0	67	67	44	86.60	cps
Erbium	164-2	33	23	13	23	42.86	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	67	50	83	67	25.00	cps
Holmium	165-1	10799913	10825902	10781136	10802317	0.21	cps
Holmium	165-2	5495722	5477612	5463246	5478860	0.30	cps
Indium	115-1	8863211	8814805	8715198	8797738	0.86	cps
Indium	115-2	1700880	1693217	1683440	1692512	0.52	cps
Iron	56-2	118860	120843	120670	120124	0.91	cps
Iron	57-2	3217	2939	2889	3015	5.86	cps
Lead	206-1	9337	9609	9732	9559	2.11	cps
Lead	207-1	8659	8920	8720	8766	1.56	cps
Lead	208-1	39764	40080	39797	39880	0.44	cps
Lithium	6-1	1802844	1806490	1799444	1802926	0.20	cps
Magnesium	24-2	94597	95386	94690	94891	0.45	cps
Manganese	55-2	1797	1753	1850	1800	2.69	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	36940	35729	36431	36367	1.67	cps
Molybdenum	94-1	19147	19005	19706	19286	1.92	cps
Molybdenum	95-1	21859	21584	22352	21931	1.77	cps
Molybdenum	96-1	24438	24447	24898	24594	1.07	cps
Molybdenum	97-1	14383	13474	13499	13785	3.76	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1650	1690	1573	1638	3.62	cps
Phosphorus	31-2	167	100	150	139	24.98	cps
Potassium	39-2	128082	128308	128049	128146	0.11	cps
Rhodium	103-1	7949837	7961269	7892676	7934594	0.46	cps
Rhodium	103-2	3683495	3666002	3659565	3669687	0.34	cps
Scandium	45-1	5344088	5376717	5263382	5328062	1.09	cps
Scandium	45-2	225543	223186	222508	223746	0.71	cps
Selenium	77-2	40	50	23	38	35.67	cps
Selenium	78-2	200	198	187	195	3.59	cps
Selenium	82-1	801	683	824	769	9.85	cps
Silicon	28-1	386214	384374	386198	385595	0.27	cps
Silver	109-1	14617	14091	14032	14247	2.26	cps
Silver	107-1	15000	14992	15025	15006	0.12	cps
Sodium	23-2	207044	205657	207811	206837	0.53	cps
Strontium	86-1	5084	5176	4726	4996	4.76	cps
Strontium	88-1	26717	26401	27110	26742	1.33	cps
Sulfur	34-1	324113	318983	317122	320073	1.13	cps
Terbium	159-1	11361537	11439511	11291515	11364188	0.65	cps
Terbium	159-2	5513979	5432641	5477896	5474839	0.74	cps
Thallium	203-1	9320	9554	9829	9568	2.66	cps
Thallium	205-1	22637	23062	23171	22957	1.23	cps
Tin	118-1	40134	40325	39741	40067	0.74	cps
Titanium	47-1	6502	6310	6327	6379	1.66	cps
Uranium	238-1	31138	31814	30913	31288	1.50	cps
Vanadium	51-2	10714	10571	10824	10703	1.19	cps
Yttrium	89-1	8966102	8961468	8874259	8933943	0.58	cps
Yttrium	89-2	1275900	1265085	1264721	1268568	0.50	cps
Zinc	66-2	1093	1113	1157	1121	2.89	cps
Zirconium	90-1	17411	18112	18062	17862	2.19	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:09:15	DataFile Name :	020SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3676	4184	4209	4023	7.48	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:12:43	DataFile Name :	021CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	92	94	5.09	cps
Antimony	121-1	1667	1534	1634	1611	4.31	cps
Arsenic	75-2	9	11	20	14	43.83	cps
Barium	135-1	58	100	42	67	45.07	cps
Barium	137-1	42	92	158	97	60.20	cps
Beryllium	9-1	433	406	433	424	3.78	cps
Bismuth	209-1	7231455	7178653	7185020	7198376	0.40	cps
Bismuth	209-2	4283928	4316714	4263474	4288039	0.63	cps
Boron	11-1	8253	7627	7260	7713	6.50	cps
Boron	10-1	1775	1417	1442	1545	12.95	cps
Cadmium	106-1	3042	3009	2992	3014	0.84	cps
Cadmium	108-1	29	4	4	13	115.44	cps
Cadmium	111-1	2134	2116	2117	2122	0.49	cps
Calcium	43-1	333	258	358	317	16.43	cps
Calcium	44-1	7527	7394	7369	7430	1.15	cps
Chromium	52-2	507	463	473	481	4.72	cps
Cobalt	59-2	130	157	133	140	10.38	cps
Copper	63-2	913	1000	963	959	4.54	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	63	83	77	74	13.69	cps
Holmium	165-1	10746876	10769310	10722106	10746097	0.22	cps
Holmium	165-2	5493070	5498773	5422924	5471589	0.77	cps
Indium	115-1	8697695	8784670	8684454	8722273	0.62	cps
Indium	115-2	1684940	1697247	1684903	1689030	0.42	cps
Iron	56-2	10576	10899	10732	10736	1.50	cps
Iron	57-2	417	289	400	369	18.85	cps
Lead	206-1	1517	1478	1445	1480	2.44	cps
Lead	207-1	1367	1156	1356	1293	9.19	cps
Lead	208-1	6112	5428	6029	5856	6.37	cps
Lithium	6-1	1795176	1784575	1792764	1790838	0.31	cps
Magnesium	24-2	1942	2025	2125	2031	4.52	cps
Manganese	55-2	170	230	203	201	14.95	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:12:43	DataFile Name :	021CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	417	425	500	447	10.26	cps
Molybdenum	94-1	600	558	858	672	24.18	cps
Molybdenum	95-1	292	208	283	261	17.58	cps
Molybdenum	96-1	433	417	542	464	14.63	cps
Molybdenum	97-1	142	250	225	206	27.60	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	423	407	420	417	2.12	cps
Phosphorus	31-2	150	133	175	153	13.73	cps
Potassium	39-2	32278	32345	32228	32283	0.18	cps
Rhodium	103-1	7891297	7883692	7913143	7896044	0.19	cps
Rhodium	103-2	3654946	3661433	3625874	3647418	0.52	cps
Scandium	45-1	5278846	5251764	5268554	5266388	0.26	cps
Scandium	45-2	223669	223689	222508	223288	0.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	67	80	81	76	10.63	cps
Selenium	82-1	156	-46	113	75	142.36	cps
Silicon	28-1	328250	321406	327402	325686	1.15	cps
Silver	109-1	317	308	325	317	2.63	cps
Silver	107-1	292	308	325	308	5.41	cps
Sodium	23-2	25297	25105	25422	25275	0.63	cps
Strontium	86-1	1825	1984	1950	1920	4.35	cps
Strontium	88-1	167	217	225	203	15.56	cps
Sulfur	34-1	323358	318694	321109	321054	0.73	cps
Terbium	159-1	11289317	11371777	11197867	11286320	0.77	cps
Terbium	159-2	5475197	5475009	5452199	5467468	0.24	cps
Thallium	203-1	317	283	442	347	24.04	cps
Thallium	205-1	892	658	1050	867	22.73	cps
Tin	118-1	2300	2134	2317	2250	4.51	cps
Titanium	47-1	125	158	100	128	22.90	cps
Uranium	238-1	192	167	158	172	10.07	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	8823398	8751155	8840017	8804857	0.54	cps
Yttrium	89-2	1265724	1267122	1262195	1265014	0.20	cps
Zinc	66-2	233	210	263	236	11.35	cps
Zirconium	90-1	1350	992	1183	1175	15.26	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:12:43	DataFile Name :	021CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	267	183	222	18.88	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300	3159	3109	3189	3.12	cps
Antimony	121-1	39248	40359	39448	39685	1.49	cps
Arsenic	75-2	672	674	643	663	2.67	cps
Barium	135-1	46906	46621	45919	46482	1.09	cps
Barium	137-1	80944	80199	81925	81023	1.07	cps
Beryllium	9-1	3706	3473	3578	3586	3.26	cps
Bismuth	209-1	7131021	7199899	7220272	7183731	0.65	cps
Bismuth	209-2	4279175	4271881	4343288	4298115	0.91	cps
Boron	11-1	46038	46924	47952	46971	2.04	cps
Boron	10-1	9820	9462	9462	9581	2.16	cps
Cadmium	106-1	3467	3259	3359	3362	3.10	cps
Cadmium	108-1	400	358	354	371	6.83	cps
Cadmium	111-1	6539	6269	6546	6451	2.45	cps
Calcium	43-1	26625	26349	26032	26335	1.13	cps
Calcium	44-1	432343	431912	434279	432844	0.29	cps
Chromium	52-2	11141	11204	10771	11039	2.12	cps
Cobalt	59-2	9186	8946	8869	9001	1.84	cps
Copper	63-2	13900	13723	14207	13943	1.76	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	50	33	58	47	26.95	cps
Gadolinium	160-2	57	53	60	57	5.89	cps
Holmium	165-1	10742204	10754098	10822471	10772925	0.40	cps
Holmium	165-2	5503171	5502114	5555685	5520323	0.55	cps
Indium	115-1	8794521	8654385	8789637	8746181	0.91	cps
Indium	115-2	1682734	1688565	1704398	1691899	0.66	cps
Iron	56-2	872725	861430	866346	866833	0.65	cps
Iron	57-2	20832	21394	21594	21273	1.86	cps
Lead	206-1	19303	18714	18886	18968	1.60	cps
Lead	207-1	17123	16711	16511	16781	1.86	cps
Lead	208-1	78097	75848	76332	76759	1.54	cps
Lithium	6-1	1807539	1782230	1785628	1791799	0.77	cps
Magnesium	24-2	191684	187366	189432	189494	1.14	cps
Manganese	55-2	3444	3484	3577	3502	1.95	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	70960	71797	71480	71412	0.59	cps
Molybdenum	94-1	35604	38085	37525	37071	3.51	cps
Molybdenum	95-1	45164	45114	45507	45262	0.47	cps
Molybdenum	96-1	50675	49963	49327	49988	1.35	cps
Molybdenum	97-1	27452	26709	28262	27475	2.83	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2760	2714	2730	2735	0.86	cps
Phosphorus	31-2	167	183	150	167	10.00	cps
Potassium	39-2	220754	217091	220388	219411	0.92	cps
Rhodium	103-1	7901056	7809836	7794671	7835188	0.73	cps
Rhodium	103-2	3631619	3655994	3682405	3656673	0.69	cps
Scandium	45-1	5193530	5208587	5284020	5228712	0.93	cps
Scandium	45-2	222664	222487	226306	223819	0.96	cps
Selenium	77-2	80	63	60	68	15.81	cps
Selenium	78-2	269	256	261	262	2.48	cps
Selenium	82-1	1359	1403	1468	1410	3.88	cps
Silicon	28-1	437297	434282	432769	434783	0.53	cps
Silver	109-1	23195	22978	23161	23111	0.51	cps
Silver	107-1	23746	23345	23187	23426	1.23	cps
Sodium	23-2	378074	379645	382057	379925	0.53	cps
Strontium	86-1	8311	8136	7794	8080	3.25	cps
Strontium	88-1	53175	54705	52538	53473	2.08	cps
Sulfur	34-1	326454	322202	324855	324504	0.66	cps
Terbium	159-1	11325270	11324847	11226336	11292151	0.50	cps
Terbium	159-2	5449691	5481982	5541004	5490892	0.84	cps
Thallium	203-1	19331	19123	18681	19045	1.74	cps
Thallium	205-1	45521	46022	45621	45721	0.58	cps
Tin	118-1	79558	78142	78252	78650	1.00	cps
Titanium	47-1	12464	11889	12756	12370	3.57	cps
Uranium	238-1	64368	64896	62216	63826	2.22	cps
Vanadium	51-2	21452	22017	21836	21768	1.32	cps
Yttrium	89-1	8908373	8921716	8814336	8881475	0.66	cps
Yttrium	89-2	1257045	1263738	1281063	1267282	0.98	cps
Zinc	66-2	1977	2107	1967	2017	3.87	cps
Zirconium	90-1	34593	33766	34325	34228	1.23	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100243BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:16:10	DataFile Name :	022LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7994	7577	7702	7758	2.76	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	75	81	21.53	cps
Antimony	121-1	925	833	850	870	5.62	cps
Arsenic	75-2	11	17	9	12	31.24	cps
Barium	135-1	108	58	75	81	31.60	cps
Barium	137-1	117	58	92	89	32.92	cps
Beryllium	9-1	239	261	256	252	4.59	cps
Bismuth	209-1	7217907	7205521	7231500	7218309	0.18	cps
Bismuth	209-2	4101026	4148620	4147666	4132437	0.66	cps
Boron	11-1	7502	7511	7377	7463	1.00	cps
Boron	10-1	1358	1542	1659	1520	9.95	cps
Cadmium	106-1	2667	2984	2742	2798	5.92	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Cadmium	111-1	1859	2109	1951	1973	6.40	cps
Calcium	43-1	250	167	308	242	29.46	cps
Calcium	44-1	7210	7377	7361	7316	1.26	cps
Chromium	52-2	443	447	457	449	1.55	cps
Cobalt	59-2	133	170	107	137	23.26	cps
Copper	63-2	1053	927	923	968	7.66	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	60	40	37	46	27.70	cps
Holmium	165-1	10825213	10730231	10683118	10746187	0.67	cps
Holmium	165-2	5228245	5272678	5267632	5256185	0.46	cps
Indium	115-1	8739469	8658220	8725787	8707825	0.50	cps
Indium	115-2	1616970	1616150	1621926	1618349	0.19	cps
Iron	56-2	9103	9092	8992	9062	0.68	cps
Iron	57-2	267	367	244	293	22.25	cps
Lead	206-1	1461	1372	1445	1426	3.31	cps
Lead	207-1	1295	1300	1206	1267	4.18	cps
Lead	208-1	6034	5606	5895	5845	3.73	cps
Lithium	6-1	1781238	1783124	1778031	1780798	0.14	cps
Magnesium	24-2	2059	2067	1950	2025	3.21	cps
Manganese	55-2	200	230	237	222	8.79	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	408	317	442	389	16.65	cps
Molybdenum	94-1	458	383	433	425	8.99	cps
Molybdenum	95-1	200	175	267	214	22.15	cps
Molybdenum	96-1	325	350	267	314	13.62	cps
Molybdenum	97-1	167	133	192	164	17.86	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	497	490	407	464	10.80	cps
Phosphorus	31-2	142	150	142	144	3.33	cps
Potassium	39-2	31810	31610	30157	31192	2.89	cps
Rhodium	103-1	7760816	7758968	7877667	7799150	0.87	cps
Rhodium	103-2	3471755	3508284	3483715	3487918	0.53	cps
Scandium	45-1	5201074	5216567	5164383	5194008	0.52	cps
Scandium	45-2	210824	212667	211024	211505	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	69	67	64	11.02	cps
Selenium	82-1	-33	90	-24	11	607.98	cps
Silicon	28-1	318748	321854	318400	319667	0.59	cps
Silver	109-1	350	317	292	319	9.16	cps
Silver	107-1	350	375	267	331	17.16	cps
Sodium	23-2	26374	23911	24763	25016	5.00	cps
Strontium	86-1	2000	1992	1709	1900	8.74	cps
Strontium	88-1	267	258	225	250	8.82	cps
Sulfur	34-1	323910	321121	321552	322194	0.47	cps
Terbium	159-1	11229782	11292173	11294650	11272202	0.33	cps
Terbium	159-2	5224688	5241031	5265788	5243836	0.39	cps
Thallium	203-1	325	283	333	314	8.54	cps
Thallium	205-1	758	792	750	767	2.88	cps
Tin	118-1	1925	1959	1859	1914	2.66	cps
Titanium	47-1	133	158	108	133	18.75	cps
Uranium	238-1	208	183	167	186	11.27	cps
Vanadium	51-2	17	13	23	18	28.64	cps
Yttrium	89-1	8766800	8842988	8788728	8799506	0.45	cps
Yttrium	89-2	1201148	1208249	1198944	1202780	0.40	cps
Zinc	66-2	223	217	233	224	3.74	cps
Zirconium	90-1	1117	1058	758	978	19.66	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:19:38	DataFile Name :	023CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	175	100	169	39.45	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2842	3559	3067	3156	11.62	cps
Antimony	121-1	37927	38287	37150	37788	1.54	cps
Arsenic	75-2	574	663	619	619	7.19	cps
Barium	135-1	46178	44857	45534	45523	1.45	cps
Barium	137-1	77777	78656	78304	78246	0.57	cps
Beryllium	9-1	3450	3456	3328	3412	2.12	cps
Bismuth	209-1	7177885	7179394	7147137	7168139	0.25	cps
Bismuth	209-2	4253526	4183311	4231472	4222769	0.85	cps
Boron	11-1	44316	44876	45595	44929	1.43	cps
Boron	10-1	9320	9078	9420	9273	1.90	cps
Cadmium	106-1	3309	3301	3267	3292	0.67	cps
Cadmium	108-1	379	379	396	385	2.50	cps
Cadmium	111-1	6214	6179	6206	6200	0.30	cps
Calcium	43-1	26074	26399	25548	26007	1.65	cps
Calcium	44-1	416826	415473	417873	416724	0.29	cps
Chromium	52-2	10624	11101	11138	10954	2.62	cps
Cobalt	59-2	8766	8683	8466	8638	1.79	cps
Copper	63-2	13500	13433	13863	13599	1.70	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	67	75	81	21.53	cps
Erbium	164-2	47	37	33	39	17.85	cps
Gadolinium	160-1	8	50	75	44	75.78	cps
Gadolinium	160-2	47	63	50	53	16.53	cps
Holmium	165-1	10700970	10724713	10760203	10728629	0.28	cps
Holmium	165-2	5414843	5374185	5425560	5404863	0.50	cps
Indium	115-1	8739534	8683358	8655043	8692645	0.49	cps
Indium	115-2	1668812	1635861	1668012	1657561	1.13	cps
Iron	56-2	838109	837073	839350	838177	0.14	cps
Iron	57-2	21066	20643	20871	20860	1.01	cps
Lead	206-1	17912	19053	18641	18536	3.12	cps
Lead	207-1	16449	17301	16811	16854	2.53	cps
Lead	208-1	74489	77796	75335	75873	2.26	cps
Lithium	6-1	1786253	1788146	1783356	1785918	0.14	cps
Magnesium	24-2	182025	183375	182760	182720	0.37	cps
Manganese	55-2	3464	3574	3544	3527	1.61	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	70014	69486	69336	69612	0.51	cps
Molybdenum	94-1	35746	36239	36180	36055	0.75	cps
Molybdenum	95-1	44462	43291	43451	43735	1.45	cps
Molybdenum	96-1	47438	49102	47773	48104	1.83	cps
Molybdenum	97-1	27001	27478	27035	27171	0.98	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2880	2840	2660	2794	4.20	cps
Phosphorus	31-2	183	208	158	183	13.64	cps
Potassium	39-2	212663	214131	214039	213611	0.39	cps
Rhodium	103-1	7734175	7807727	7755526	7765809	0.49	cps
Rhodium	103-2	3614370	3563231	3599326	3592309	0.73	cps
Scandium	45-1	5192100	5234767	5179869	5202246	0.55	cps
Scandium	45-2	221023	212745	215956	216575	1.93	cps
Selenium	77-2	40	53	53	49	15.74	cps
Selenium	78-2	296	291	248	278	9.46	cps
Selenium	82-1	1371	1150	1333	1285	9.20	cps
Silicon	28-1	425273	423903	422688	423955	0.31	cps
Silver	109-1	22101	21642	22034	21926	1.13	cps
Silver	107-1	23320	22360	23470	23050	2.61	cps
Sodium	23-2	370297	372428	367708	370144	0.64	cps
Strontium	86-1	8119	7961	7869	7983	1.59	cps
Strontium	88-1	51904	52413	51485	51934	0.89	cps
Sulfur	34-1	322777	316930	322914	320874	1.06	cps
Terbium	159-1	11430096	11422477	11312487	11388353	0.58	cps
Terbium	159-2	5439644	5360735	5367830	5389403	0.81	cps
Thallium	203-1	18622	18355	18046	18341	1.57	cps
Thallium	205-1	43840	45077	44242	44386	1.42	cps
Tin	118-1	75503	77589	75335	76142	1.65	cps
Titanium	47-1	12498	12472	12531	12500	0.23	cps
Uranium	238-1	62869	63187	62509	62855	0.54	cps
Vanadium	51-2	20595	20658	20842	20698	0.62	cps
Yttrium	89-1	8849709	8756587	8685928	8764075	0.94	cps
Yttrium	89-2	1245638	1224993	1231385	1234005	0.86	cps
Zinc	66-2	2027	1837	2014	1959	5.41	cps
Zirconium	90-1	31636	31769	32220	31875	0.96	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	PB100244BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:23:06	DataFile Name :	024LCSE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6794	7144	7511	7149	5.02	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4926	5043	4443	4804	6.62	cps
Antimony	121-1	517	467	508	497	5.39	cps
Arsenic	75-2	3402	3406	3369	3392	0.60	cps
Barium	135-1	175	167	83	142	35.78	cps
Barium	137-1	142	117	233	164	37.48	cps
Beryllium	9-1	406	406	339	383	10.04	cps
Bismuth	209-1	8580178	8678039	8637832	8632016	0.57	cps
Bismuth	209-2	5011603	5046645	5019066	5025771	0.37	cps
Boron	11-1	5818	5501	5693	5671	2.81	cps
Boron	10-1	1083	1108	1192	1128	5.03	cps
Cadmium	106-1	3609	3651	3826	3695	3.11	cps
Cadmium	108-1	329	258	308	299	12.19	cps
Cadmium	111-1	7301	6880	7380	7187	3.74	cps
Calcium	43-1	28178	27510	26783	27490	2.54	cps
Calcium	44-1	452370	443462	442128	445987	1.25	cps
Chromium	52-2	247	207	257	237	11.18	cps
Cobalt	59-2	14818	14517	14217	14517	2.07	cps
Copper	63-2	43007	43585	43685	43426	0.84	cps
Dysprosium	156-1	3617	3867	3676	3720	3.52	cps
Dysprosium	156-2	1860	1807	1850	1839	1.54	cps
Erbium	164-1	3551	4026	4051	3876	7.27	cps
Erbium	164-2	1934	1787	1563	1761	10.58	cps
Gadolinium	160-1	4009	3859	4117	3995	3.25	cps
Gadolinium	160-2	2227	2224	2120	2190	2.77	cps
Holmium	165-1	13132491	12983411	12976550	13030817	0.68	cps
Holmium	165-2	6298439	6363470	6395046	6352318	0.78	cps
Indium	115-1	10633876	10439610	10365182	10479556	1.32	cps
Indium	115-2	1941997	1940913	1944342	1942418	0.09	cps
Iron	56-2	781902	774660	772249	776271	0.65	cps
Iron	57-2	18685	18907	19146	18913	1.22	cps
Lead	206-1	10460	10249	10566	10425	1.55	cps
Lead	207-1	9948	9320	9498	9589	3.38	cps
Lead	208-1	44030	42178	42533	42913	2.29	cps
Lithium	6-1	2225985	2192421	2171308	2196571	1.26	cps
Magnesium	24-2	78515	78271	79888	78891	1.10	cps
Manganese	55-2	763291	764872	759740	762634	0.34	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	375	367	300	347	11.84	cps
Molybdenum	94-1	333	317	325	325	2.56	cps
Molybdenum	95-1	242	175	258	225	19.60	cps
Molybdenum	96-1	367	275	250	297	20.67	cps
Molybdenum	97-1	150	183	108	147	25.52	cps
Neodymium	150-1	5021	4741	4661	4808	3.93	cps
Neodymium	150-2	1770	1847	1797	1805	2.16	cps
Nickel	60-2	1550	1477	1593	1540	3.83	cps
Phosphorus	31-2	217	50	83	117	75.59	cps
Potassium	39-2	37690	37406	36796	37298	1.22	cps
Rhodium	103-1	9547512	9387351	9353811	9429558	1.10	cps
Rhodium	103-2	4195161	4188674	4197996	4193943	0.11	cps
Scandium	45-1	6270363	6270849	6206168	6249127	0.60	cps
Scandium	45-2	254397	253430	252847	253558	0.31	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	69	76	59	68	12.30	cps
Selenium	82-1	-62	6	-27	-27	-124.56	cps
Silicon	28-1	486626	488633	485096	486785	0.36	cps
Silver	109-1	325	258	258	281	13.72	cps
Silver	107-1	442	342	275	353	23.78	cps
Sodium	23-2	72434	70517	71111	71354	1.38	cps
Strontium	86-1	13432	13524	13373	13443	0.56	cps
Strontium	88-1	100207	100492	97682	99460	1.56	cps
Sulfur	34-1	395230	401760	400673	399221	0.88	cps
Terbium	159-1	13817764	13706434	13592272	13705490	0.82	cps
Terbium	159-2	6289934	6316852	6344148	6316978	0.43	cps
Thallium	203-1	192	267	192	217	19.98	cps
Thallium	205-1	492	500	442	478	6.60	cps
Tin	118-1	808	883	942	878	7.62	cps
Titanium	47-1	100	158	142	133	22.54	cps
Uranium	238-1	9287	9204	9145	9212	0.77	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Yttrium	89-1	10739266	10686959	10599543	10675256	0.66	cps
Yttrium	89-2	1453059	1448752	1451958	1451257	0.15	cps
Zinc	66-2	180418	180709	181293	180807	0.25	cps
Zirconium	90-1	425	467	567	486	14.98	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	I3944-01DLX500	Instrumnet Name :	P7
Client Sample ID :	MH0CA0	Dilution Factor :	500
Date & Time Acquired ::	2017-07-01 13:26:34	DataFile Name :	025SMPL_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	167	150	139	24.98	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4035862	4023310	4060057	4039743	0.46	cps
Antimony	121-1	4575532	4598559	4596725	4590272	0.28	cps
Arsenic	75-2	145381	145545	145736	145554	0.12	cps
Barium	135-1	5814187	5865988	5862062	5847412	0.49	cps
Barium	137-1	10140583	10068675	9991928	10067062	0.74	cps
Beryllium	9-1	779138	780763	784371	781424	0.34	cps
Bismuth	209-1	6443238	6525944	6544361	6504514	0.83	cps
Bismuth	209-2	3780365	3861554	3849496	3830472	1.14	cps
Boron	11-1	436694	439106	443228	439676	0.75	cps
Boron	10-1	87670	89967	90763	89467	1.79	cps
Cadmium	106-1	115493	115258	114090	114947	0.65	cps
Cadmium	108-1	75516	76727	74930	75725	1.21	cps
Cadmium	111-1	1025694	1028234	1023913	1025947	0.21	cps
Calcium	43-1	6463669	6569975	6571927	6535190	0.95	cps
Calcium	44-1	105286400	105545123	105975884	105602469	0.33	cps
Chromium	52-2	1281416	1284960	1289056	1285144	0.30	cps
Cobalt	59-2	2019437	2016950	2033945	2023444	0.45	cps
Copper	63-2	3012255	3025723	3040349	3026109	0.46	cps
Dysprosium	156-1	192	150	117	153	24.60	cps
Dysprosium	156-2	70	103	80	84	20.26	cps
Erbium	164-1	50	92	108	83	36.06	cps
Erbium	164-2	43	33	20	32	36.33	cps
Gadolinium	160-1	117	267	208	197	38.34	cps
Gadolinium	160-2	100	107	133	113	15.57	cps
Holmium	165-1	10328658	10251020	10440782	10340153	0.92	cps
Holmium	165-2	5250161	5342585	5319485	5304077	0.91	cps
Indium	115-1	7969227	8004901	8028682	8000937	0.37	cps
Indium	115-2	1550942	1566425	1577714	1565027	0.86	cps
Iron	56-2	258680028	255866550	257494095	257346891	0.55	cps
Iron	57-2	6434341	6385430	6441986	6420586	0.48	cps
Lead	206-1	3495448	3541717	3548580	3528582	0.82	cps
Lead	207-1	3211576	3266835	3241499	3239970	0.85	cps
Lead	208-1	14438668	14611527	14585147	14545114	0.64	cps
Lithium	6-1	1694140	1691103	1683823	1689689	0.31	cps
Magnesium	24-2	46010666	45838424	45996375	45948488	0.21	cps
Manganese	55-2	1469544	1466553	1461893	1465997	0.26	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3557542	3588647	3615529	3587239	0.81	cps
Molybdenum	94-1	4162944	4202011	4231040	4198665	0.81	cps
Molybdenum	95-1	2209493	2220076	2229460	2219677	0.45	cps
Molybdenum	96-1	2859023	2878309	2882846	2873393	0.44	cps
Molybdenum	97-1	1360226	1372942	1382557	1371908	0.82	cps
Neodymium	150-1	513	427	600	513	16.88	cps
Neodymium	150-2	70	70	93	78	17.32	cps
Nickel	60-2	523570	522992	524453	523671	0.14	cps
Phosphorus	31-2	41542	42194	42403	42046	1.07	cps
Potassium	39-2	23662504	23646593	23715492	23674863	0.15	cps
Rhodium	103-1	6843180	6928836	6972531	6914849	0.95	cps
Rhodium	103-2	3207875	3236252	3251397	3231841	0.68	cps
Scandium	45-1	5042622	5062693	5091069	5065461	0.48	cps
Scandium	45-2	215652	221857	222346	219951	1.70	cps
Selenium	77-2	2897	3134	2804	2945	5.78	cps
Selenium	78-2	9729	9955	9972	9886	1.37	cps
Selenium	82-1	63817	64217	63665	63900	0.45	cps
Silicon	28-1	3353230	3416608	3445275	3405038	1.38	cps
Silver	109-1	4916303	4944445	4939476	4933408	0.30	cps
Silver	107-1	5111496	5123861	5143304	5126220	0.31	cps
Sodium	23-2	87679435	87583448	87970267	87744383	0.23	cps
Strontium	86-1	1521911	1521882	1514461	1519418	0.28	cps
Strontium	88-1	13279554	13239758	13219819	13246377	0.23	cps
Sulfur	34-1	702638	709826	707724	706729	0.52	cps
Terbium	159-1	10652345	10840522	10971818	10821562	1.48	cps
Terbium	159-2	5206013	5318645	5271365	5265341	1.07	cps
Thallium	203-1	4345854	4391164	4404833	4380617	0.70	cps
Thallium	205-1	10302028	10494142	10583127	10459766	1.37	cps
Tin	118-1	3686425	3697058	3733122	3705535	0.66	cps
Titanium	47-1	620141	622122	620951	621071	0.16	cps
Uranium	238-1	15598413	15709528	15796413	15701452	0.63	cps
Vanadium	51-2	1071494	1071660	1072465	1071873	0.05	cps
Yttrium	89-1	8404859	8380260	8368765	8384628	0.22	cps
Yttrium	89-2	1201310	1222957	1223792	1216020	1.05	cps
Zinc	66-2	411576	411612	415362	412850	0.53	cps
Zirconium	90-1	8051840	8136597	8092429	8093622	0.52	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P7
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:30:02	DataFile Name :	026CCV_P7070117-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1769422	1784533	1797221	1783725	0.78	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	33	67	61	41.67	cps
Antimony	121-1	2917	2492	3009	2806	9.83	cps
Arsenic	75-2	31	20	19	23	29.88	cps
Barium	135-1	83	83	83	83	0.00	cps
Barium	137-1	225	183	117	175	31.23	cps
Beryllium	9-1	439	389	422	417	6.11	cps
Bismuth	209-1	7176891	7120793	7145660	7147782	0.39	cps
Bismuth	209-2	4164231	4172149	4142485	4159622	0.37	cps
Boron	11-1	9437	9020	8211	8889	7.01	cps
Boron	10-1	1992	1750	1892	1878	6.47	cps
Cadmium	106-1	2642	2625	2459	2575	3.94	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Cadmium	111-1	1885	1875	1723	1828	4.96	cps
Calcium	43-1	317	183	283	261	26.57	cps
Calcium	44-1	8019	7627	7978	7875	2.73	cps
Chromium	52-2	487	460	547	498	8.92	cps
Cobalt	59-2	137	170	97	134	27.31	cps
Copper	63-2	850	963	983	932	7.71	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	75	58	58	64	15.05	cps
Gadolinium	160-2	63	83	53	67	22.92	cps
Holmium	165-1	10594591	10566932	10555478	10572334	0.19	cps
Holmium	165-2	5278960	5278712	5247019	5268230	0.35	cps
Indium	115-1	8560030	8532036	8539384	8543817	0.17	cps
Indium	115-2	1611940	1631478	1620736	1621385	0.60	cps
Iron	56-2	11294	10343	11155	10930	4.70	cps
Iron	57-2	400	394	439	411	5.89	cps
Lead	206-1	1261	1245	1106	1204	7.10	cps
Lead	207-1	1128	1217	1100	1148	5.31	cps
Lead	208-1	5245	5056	5112	5138	1.89	cps
Lithium	6-1	1775257	1747060	1758517	1760278	0.81	cps
Magnesium	24-2	1517	1592	1517	1542	2.81	cps
Manganese	55-2	240	210	190	213	11.80	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	667	533	625	608	11.21	cps
Molybdenum	94-1	817	750	683	750	8.89	cps
Molybdenum	95-1	358	317	408	361	12.71	cps
Molybdenum	96-1	567	450	492	503	11.76	cps
Molybdenum	97-1	242	200	333	258	26.41	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	470	427	470	456	5.49	cps
Phosphorus	31-2	108	133	125	122	10.41	cps
Potassium	39-2	31710	32779	31217	31902	2.50	cps
Rhodium	103-1	7722392	7663063	7703882	7696445	0.39	cps
Rhodium	103-2	3483912	3500504	3506239	3496885	0.33	cps
Scandium	45-1	5105201	5086193	5170707	5120700	0.87	cps
Scandium	45-2	212970	213910	211405	212762	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	56	67	62	9.55	cps
Selenium	82-1	-116	148	98	43	323.25	cps
Silicon	28-1	315434	316806	313857	315366	0.47	cps
Silver	109-1	167	133	167	156	12.37	cps
Silver	107-1	192	300	192	228	27.46	cps
Sodium	23-2	23886	23937	24813	24212	2.15	cps
Strontium	86-1	2092	1817	1925	1945	7.13	cps
Strontium	88-1	417	250	250	306	31.49	cps
Sulfur	34-1	320747	319689	320425	320287	0.17	cps
Terbium	159-1	11119825	11075450	11082010	11092428	0.22	cps
Terbium	159-2	5259364	5264210	5234473	5252682	0.30	cps
Thallium	203-1	533	492	375	467	17.59	cps
Thallium	205-1	1067	1250	1208	1175	8.18	cps
Tin	118-1	2242	2534	2384	2386	6.11	cps
Titanium	47-1	100	108	125	111	11.46	cps
Uranium	238-1	292	317	308	306	4.17	cps
Vanadium	51-2	10	20	3	11	75.52	cps
Yttrium	89-1	8611468	8515939	8707241	8611549	1.11	cps
Yttrium	89-2	1200655	1219905	1211181	1210580	0.80	cps
Zinc	66-2	227	237	207	223	6.84	cps
Zirconium	90-1	1867	1709	1634	1736	6.86	cps

LB Number :	LB88492	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P7
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-07-01 13:38:06	DataFile Name :	027CCBE_P7070117-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	475	408	408	16.33	cps