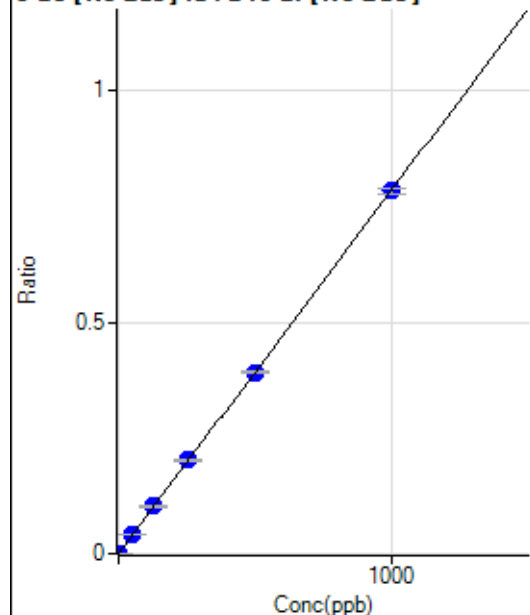


Batch Folder: D:\P8121317-MS .b\
Analysis File: P8121317-MS .batch.bin
DA Date-Time: 2017-12-13 17:28:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	007CALB P8121317-MS.D	S00	2017-12-13 12:12:53
2			
3	009CALS P8121317-MS.D	S02	2017-12-13 12:19:35
4	010CALS P8121317-MS.D	S03	2017-12-13 12:23:07
5	011CALS P8121317-MS.D	S04	2017-12-13 12:26:37
6	012CALS P8121317-MS.D	S05	2017-12-13 12:30:04
7	013CALS P8121317-MS.D	S06	2017-12-13 12:33:24
8	014CALS P8121317-MS.D	S07	2017-12-13 12:36:40
9	015CALS P8121317-MS.D	S08	2017-12-13 12:39:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0001	P	31.6
2	☐	0.100					
3	☐	1.000	0.987	850.05	0.0009	P	8.3
4	☐	50.000	52.871	41696.10	0.0416	P	0.7
5	☐	125.000	129.603	105975.96	0.1018	P	1.0
6	☐	250.000	256.826	207272.51	0.2017	P	1.1
7	☐	500.000	498.408	395409.43	0.3914	P	0.6
8	☐	1000.000	998.371	754154.27	0.7839	P	1.4
9	☐			394.46	0.0004	P	5.7

$$y = 7.8506E-004 * x + 1.0096E-004$$

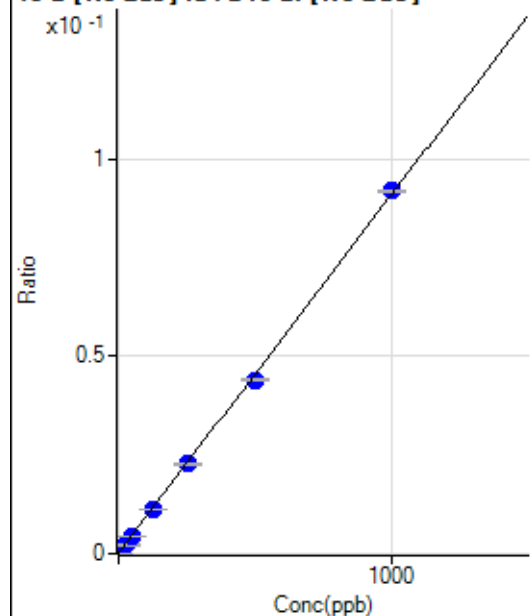
$$R = 1.0000$$

$$DL = 0.1218$$

$$BEC = 0.1286$$

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	191.68	0.0002	P	6.9
2	☐	2.500					
3	☐	25.000	22.232	2136.38	0.0022	P	7.9
4	☐	50.000	47.823	4534.23	0.0045	P	2.4
5	☐	125.000	120.131	11535.68	0.0111	P	1.5
6	☐	250.000	247.514	23269.71	0.0226	P	2.3
7	☐	500.000	481.974	44380.74	0.0439	P	0.9
8	☐	1000.000	1010.421	88407.63	0.0919	P	0.6
9	☐			3422.76	0.0036	P	8.0

$$y = 9.0755E-005 * x + 1.8351E-004$$

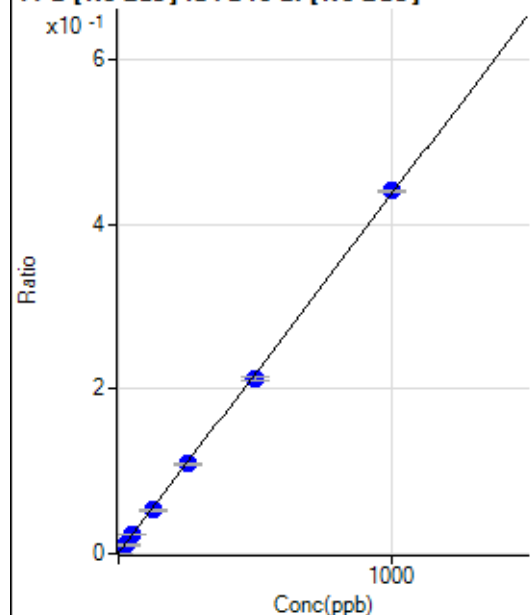
$$R = 0.9998$$

$$DL = 0.4193$$

$$BEC = 2.022$$

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	758.38	0.0007	P	12.4
2	☐	2.500					
3	☐	25.000	22.613	10259.71	0.0106	P	3.6
4	☐	50.000	49.971	22537.91	0.0225	P	2.3
5	☐	125.000	120.222	55235.04	0.0531	P	3.3
6	☐	250.000	248.116	111763.03	0.1088	P	0.9
7	☐	500.000	483.722	213544.61	0.2114	P	2.3
8	☐	1000.000	1009.269	423537.36	0.4402	P	0.5
9	☐			16565.90	0.0174	P	7.8

$$y = 4.3544\text{E-}004 * x + 7.2623\text{E-}004$$

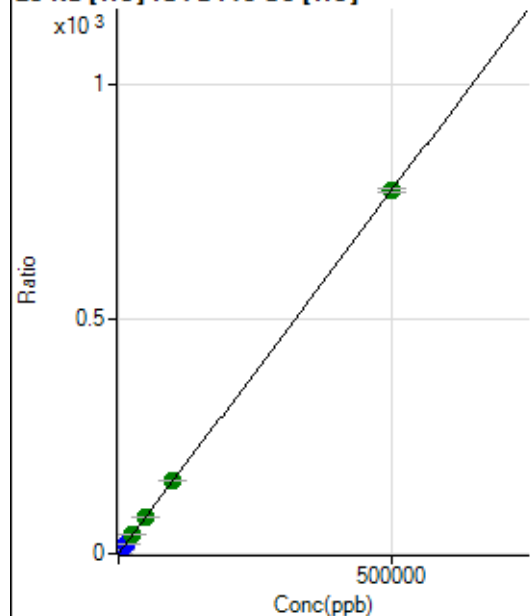
$$R = 0.9998$$

$$DL = 0.618$$

$$BEC = 1.668$$

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	2594.80	0.0795	P	7.0
2	☐	50.000					
3	☐	500.000	460.088	24855.88	0.7900	P	2.6
4	☐	5000.000	5199.581	260601.66	8.1091	P	1.2
5	☐	12500.000	12600.109	624192.49	19.5375	P	1.0
6	☐	25000.000	26403.305	1206883.10	40.8534	A	3.1
7	☐	50000.000	51012.464	2259840.09	78.8566	A	1.4
8	☐	100000.00	100509.91	4194149.27	155.2940	A	0.5
9	☐	500000.00	499722.14	21123263.15	771.7857	A	0.9

$$y = 0.0015 * x + 0.0795$$

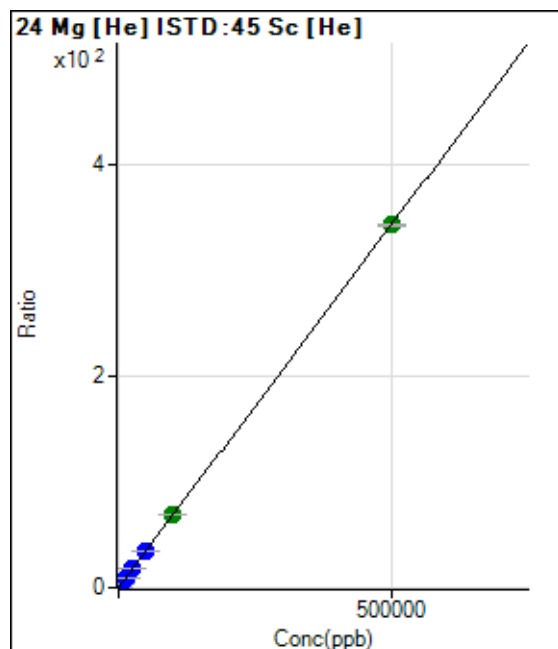
$$R = 1.0000$$

$$DL = 10.82$$

$$BEC = 51.49$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0060	P	11.9
2	☐	50.000					
3	☐	500.000	467.479	10293.06	0.3270	P	3.4
4	☐	5000.000	5185.767	114614.38	3.5664	P	0.9
5	☐	12500.000	12473.983	273803.52	8.5703	P	0.6
6	☐	25000.000	25823.090	523898.27	17.7355	P	2.6
7	☐	50000.000	50522.868	994225.13	34.6937	P	1.6
8	☐	100000.00	101701.75	1886072.89	69.8318	A	0.2
9	☐	500000.00	499565.03	9387741.53	342.9944	A	0.2

$$y = 6.8657\text{E-}004 * x + 0.0060$$

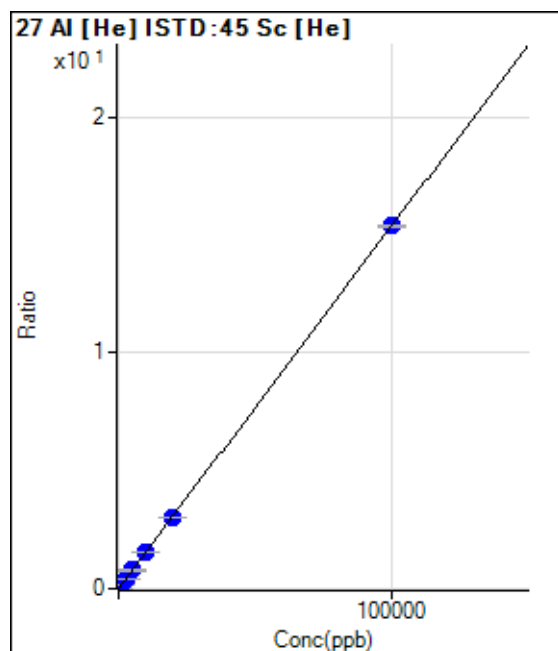
$$R = 1.0000$$

$$DL = 3.121$$

$$BEC = 8.748$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0008	P	33.6
2	☐	2.000					
3	☐	20.000	35.519	197.34	0.0062	P	73.9
4	☐	1000.000	1060.597	5259.55	0.1637	P	2.1
5	☐	2500.000	2469.207	12139.01	0.3800	P	4.7
6	☐	5000.000	5083.959	23086.30	0.7817	P	3.4
7	☐	10000.000	9981.054	43957.92	1.5338	P	0.5
8	☐	20000.000	19679.595	81659.76	3.0235	P	1.0
9	☐	100000.00	100061.93	420676.96	15.3701	P	0.4

$$y = 1.5360\text{E-}004 * x + 7.6818\text{E-}004$$

$$R = 1.0000$$

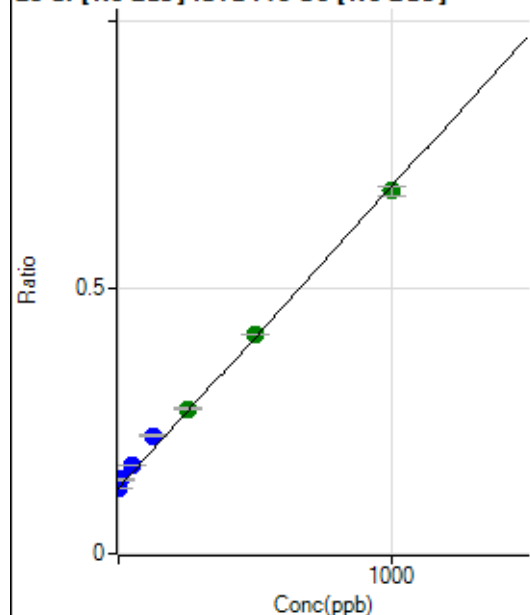
$$DL = 5.041$$

$$BEC = 5.001$$

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	436144.74	0.1236	P	0.3
2	☐	1.000					
3	☐	10.000	27.753	463678.33	0.1393	P	0.9
4	☐	50.000	76.166	569276.10	0.1668	P	1.0
5	☐	125.000	173.735	770687.94	0.2220	P	1.6
6	☐	250.000	261.799	934258.26	0.2719	A	1.1
7	☐	500.000	508.789	1385630.08	0.4118	A	0.5
8	☐	1000.000	985.078	2245064.01	0.6817	A	2.8
9	☐			544334.51	0.1665	P	0.3

$$y = 5.6648\text{E-}004 * x + 0.1236$$

$$R = 0.9990$$

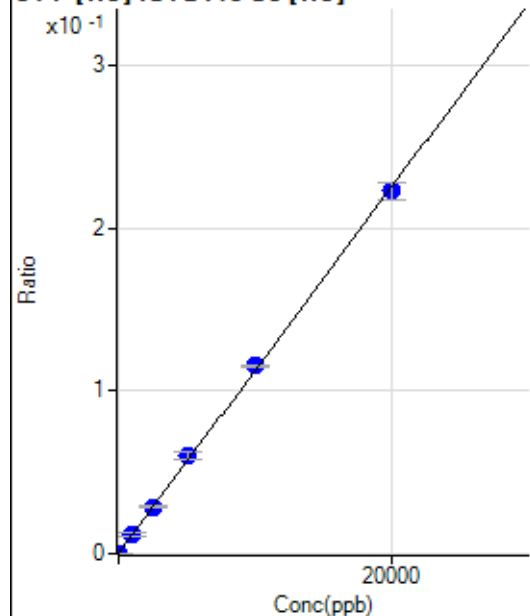
$$DL = 1.923$$

$$BEC = 218.2$$

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	6.910	8.33	0.0002	P	99.3
2	☐	0.000					
3	☐	0.000	-6.910	2.78	0.0001	P	173.
4	☐	1000.000	1052.679	386.13	0.0120	P	19.5
5	☐	2500.000	2530.909	916.73	0.0287	P	6.0
6	☐	5000.000	5333.321	1780.75	0.0603	P	6.8
7	☐	10000.000	10231.692	3308.88	0.1155	P	1.8
8	☐	20000.000	19794.327	6029.31	0.2232	P	4.8
9	☐			16.67	0.0006	P	132.

$$y = 1.1269\text{E-}005 * x + 1.6806\text{E-}004$$

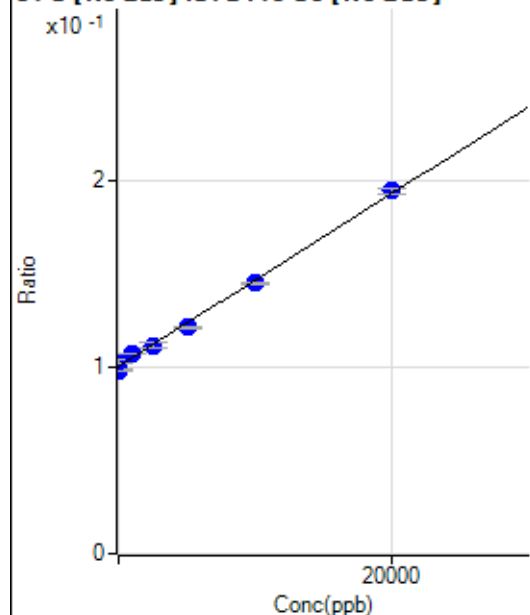
$$R = 0.9997$$

$$DL = 53.31$$

$$BEC = 14.91$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-509.416	346354.53	0.0982	P	0.9
2	☐	0.000					
3	☐	0.000	509.416	342377.30	0.1029	P	1.8
4	☐	1000.000	1459.639	366288.52	0.1073	P	0.2
5	☐	2500.000	2438.254	388139.95	0.1118	P	2.5
6	☐	5000.000	4551.480	417905.33	0.1216	P	0.9
7	☐	10000.000	9600.750	487991.83	0.1450	P	0.8
8	☐	20000.000	20296.491	641024.75	0.1946	P	1.8
9	☐			291511.09	0.0892	P	0.5

$$y = 4.6354\text{E-}006 * x + 0.1005$$

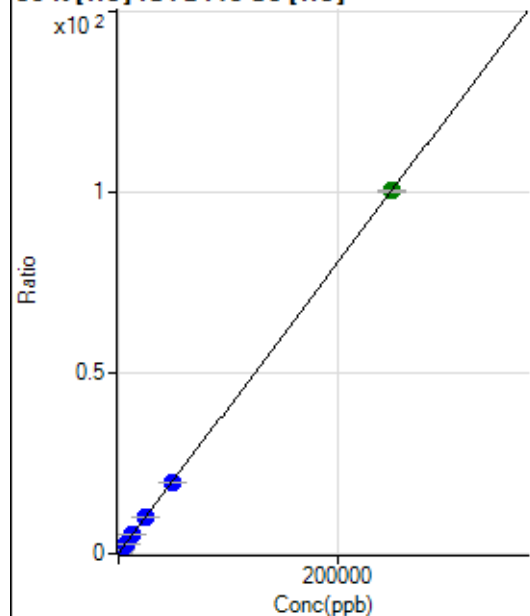
$$R = 0.9982$$

$$DL = 893.8$$

$$BEC = 2.169\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2480.88	0.0762	P	10.2
2	☐	50.000					
3	☐	500.000	503.429	8750.33	0.2781	P	2.6
4	☐	2500.000	2660.903	36749.01	1.1433	P	1.7
5	☐	6250.000	6331.226	83550.83	2.6151	P	1.6
6	☐	12500.000	12987.062	156108.58	5.2843	P	2.0
7	☐	25000.000	25223.291	292056.68	10.1913	P	1.3
8	☐	50000.000	49340.076	536448.34	19.8627	P	0.5
9	☐	250000.00	250081.65	2746913.56	100.3646	A	0.8

$$y = 4.0102\text{E-}004 * x + 0.0762$$

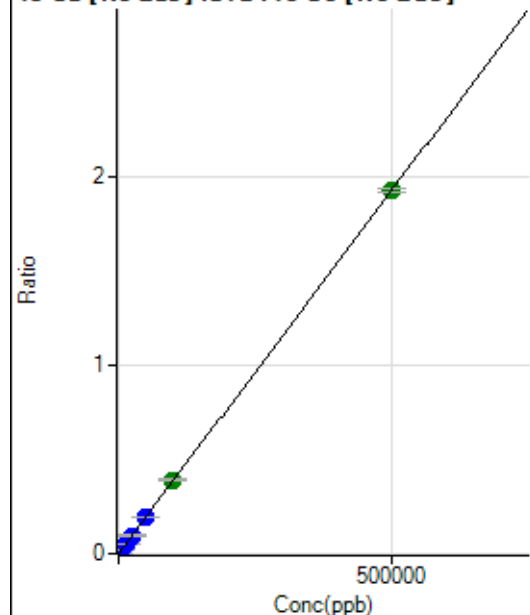
$$R = 1.0000$$

$$DL = 57.96$$

$$BEC = 190$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	950.08	0.0003	P	12.8
2	☐	50.000					
3	☐	500.000	439.798	6543.48	0.0020	P	4.7
4	☐	5000.000	5036.202	67264.58	0.0197	P	2.1
5	☐	12500.000	12447.758	167691.96	0.0483	P	1.0
6	☐	25000.000	25039.587	332944.87	0.0969	P	0.6
7	☐	50000.000	49827.508	647901.99	0.1926	P	0.2
8	☐	100000.00	101331.08	1288995.98	0.3913	A	1.5
9	☐	500000.00	499750.05	6305522.02	1.9290	A	1.0

$$y = 3.8594E-006 * x + 2.6925E-004$$

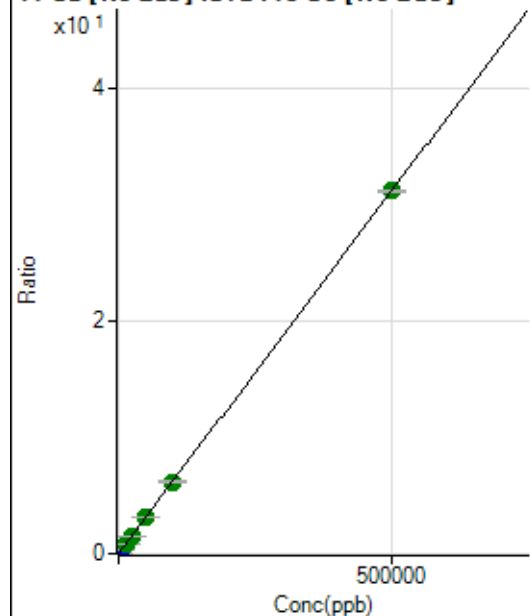
$$R = 1.0000$$

$$DL = 26.86$$

$$BEC = 69.76$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12892.65	0.0037	P	0.7
2	☐	50.000					
3	☐	500.000	452.780	106071.22	0.0319	P	1.4
4	☐	5000.000	5033.357	1083464.53	0.3174	P	0.7
5	☐	12500.000	12524.130	2722501.84	0.7843	A	1.2
6	☐	25000.000	24926.789	5351017.83	1.5575	A	0.3
7	☐	50000.000	49772.735	10450745.03	3.1062	A	0.6
8	☐	100000.00	98960.158	20330455.66	6.1723	A	1.0
9	☐	500000.00	500233.46	101940383.5	31.1855	A	0.7

$$y = 6.2335E-005 * x + 0.0037$$

$$R = 1.0000$$

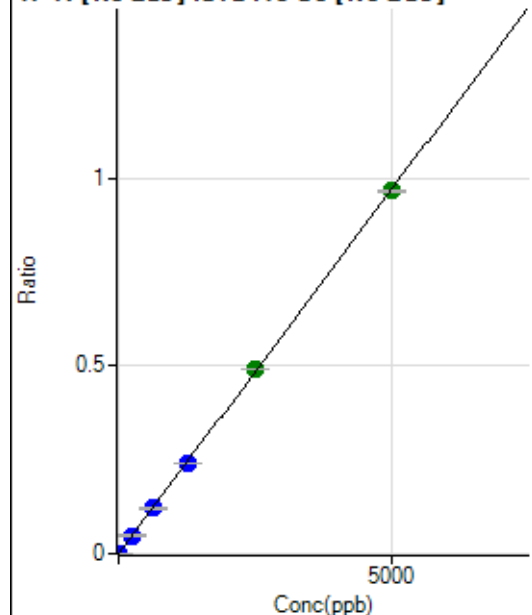
$$DL = 1.239$$

$$BEC = 58.63$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	18.7
2	☐	0.500					
3	☐	5.000	4.508	3008.79	0.0009	P	4.0
4	☐	250.000	250.194	165835.77	0.0486	P	1.4
5	☐	625.000	624.401	420668.72	0.1212	P	1.8
6	☐	1250.000	1249.706	833336.80	0.2425	P	0.4
7	☐	2500.000	2536.206	1656035.51	0.4922	A	0.9
8	☐	5000.000	4982.036	3184751.50	0.9669	A	0.5
9	☐			452.81	0.0001	P	4.1

$$y = 1.9406E-004 * x + 2.9133E-005$$

$$R = 1.0000$$

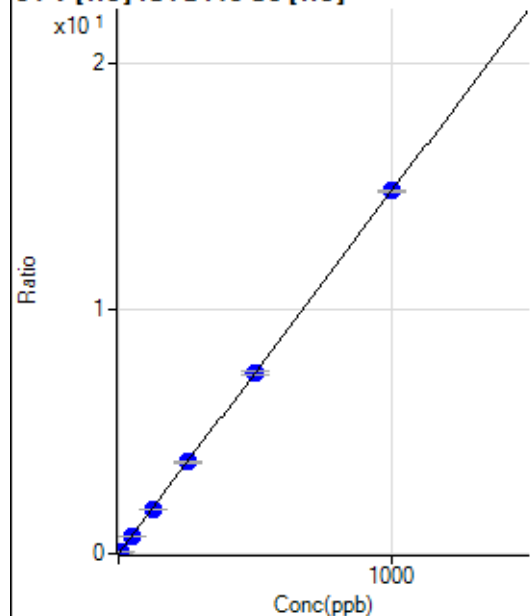
$$DL = 0.08415$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0002	P	75.5
2	☐	0.500					
3	☐	5.000	4.291	2004.63	0.0637	P	2.9
4	☐	50.000	49.174	23386.43	0.7278	P	2.7
5	☐	125.000	120.856	57142.67	1.7885	P	1.5
6	☐	250.000	252.849	110531.68	3.7417	P	2.5
7	☐	500.000	497.982	211173.98	7.3691	P	1.7
8	☐	1000.000	1000.860	399998.08	14.8104	P	0.6
9	☐			78.89	0.0029	P	25.3

$$y = 0.0148 * x + 1.7490E-004$$

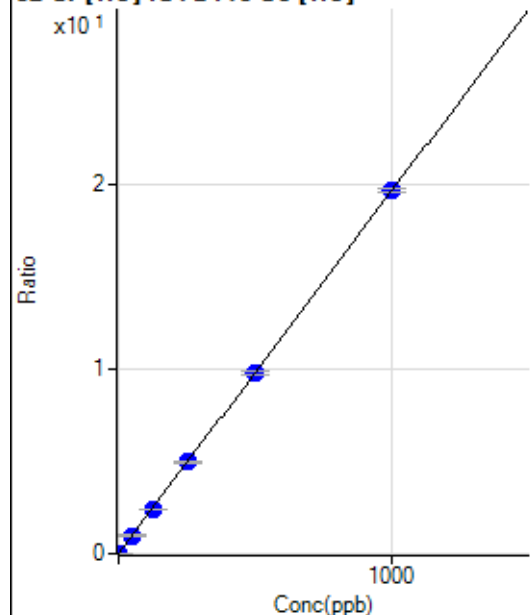
$$R = 1.0000$$

$$DL = 0.02679$$

$$BEC = 0.01182$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	303.34	0.0093	P	7.0
2	☐	0.200					
3	☐	2.000	1.926	1481.22	0.0471	P	1.3
4	☐	50.000	49.831	31713.87	0.9868	P	1.2
5	☐	125.000	121.182	76245.09	2.3866	P	0.2
6	☐	250.000	252.776	146771.90	4.9681	P	2.0
7	☐	500.000	497.809	280130.81	9.7751	P	1.4
8	☐	1000.000	1000.887	530534.57	19.6443	P	0.9
9	☐			4820.92	0.1761	P	1.2

$$y = 0.0196 * x + 0.0093$$

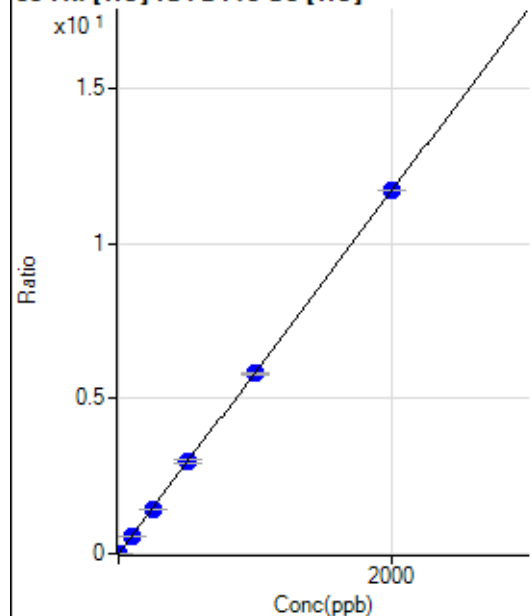
$$R = 1.0000$$

$$DL = 0.09965$$

$$BEC = 0.4729$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0005	P	40.1
2	☐	0.100					
3	☐	1.000	1.063	211.12	0.0067	P	24.1
4	☐	100.000	99.227	18687.16	0.5815	P	0.8
5	☐	250.000	245.333	45907.53	1.4369	P	0.4
6	☐	500.000	510.274	88273.16	2.9882	P	2.8
7	☐	1000.000	994.989	166971.46	5.8264	P	1.1
8	☐	2000.000	2000.559	316383.99	11.7142	P	0.1
9	☐			761.15	0.0278	P	7.7

$$y = 0.0059 * x + 4.7002E-004$$

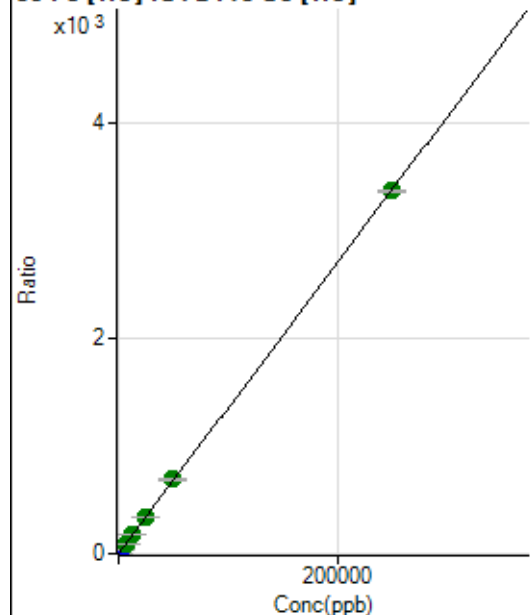
$$R = 1.0000$$

$$DL = 0.09657$$

$$BEC = 0.08027$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1166.76	0.0357	P	0.4
2	☐	5.000					
3	☐	50.000	45.897	20597.14	0.6544	P	0.2
4	☐	2500.000	2506.816	1087237.85	33.8309	P	1.0
5	☐	6250.000	6336.719	2730376.80	85.4630	A	0.6
6	☐	12500.000	12938.009	5153199.77	174.4571	A	2.8
7	☐	25000.000	25362.128	9799531.12	341.9506	A	1.5
8	☐	50000.000	51004.702	18571682.59	687.6464	A	0.6
9	☐	250000.00	249738.71	92149640.02	3,366.843	A	0.5

$$y = 0.0135 * x + 0.0357$$

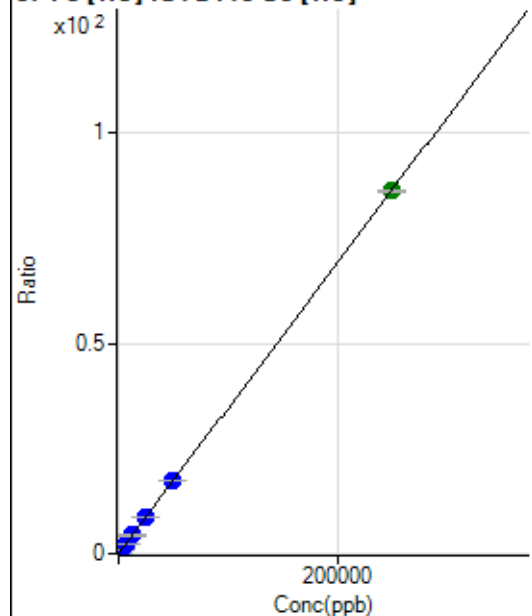
$$R = 1.0000$$

$$DL = 0.03021$$

$$BEC = 2.648$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.48	0.0010	P	69.4
2	☐	5.000					
3	☐	50.000	46.818	538.93	0.0171	P	11.0
4	☐	2500.000	2446.407	27149.21	0.8449	P	2.3
5	☐	6250.000	6086.251	67104.00	2.1006	P	2.8
6	☐	12500.000	12731.900	129761.13	4.3931	P	2.9
7	☐	25000.000	24998.812	247166.73	8.6249	P	1.9
8	☐	50000.000	50446.542	470034.19	17.4037	P	0.7
9	☐	250000.00	249903.84	2359600.40	86.2115	A	0.7

$$y = 3.4497E-004 * x + 9.6593E-004$$

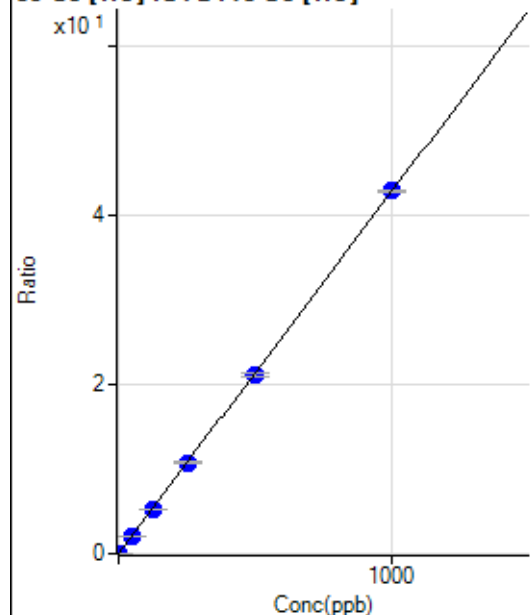
$$R = 1.0000$$

$$DL = 5.828$$

$$BEC = 2.8$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0016	P	17.7
2	☐	0.100					
3	☐	1.000	0.911	1274.52	0.0405	P	3.2
4	☐	50.000	48.907	67188.60	2.0906	P	0.8
5	☐	125.000	120.185	164055.80	5.1352	P	1.0
6	☐	250.000	251.983	317976.98	10.7648	P	2.8
7	☐	500.000	495.001	605952.30	21.1451	P	1.7
8	☐	1000.000	1002.660	1156710.28	42.8292	P	0.7
9	☐			1283.41	0.0469	P	3.2

$$y = 0.0427 * x + 0.0016$$

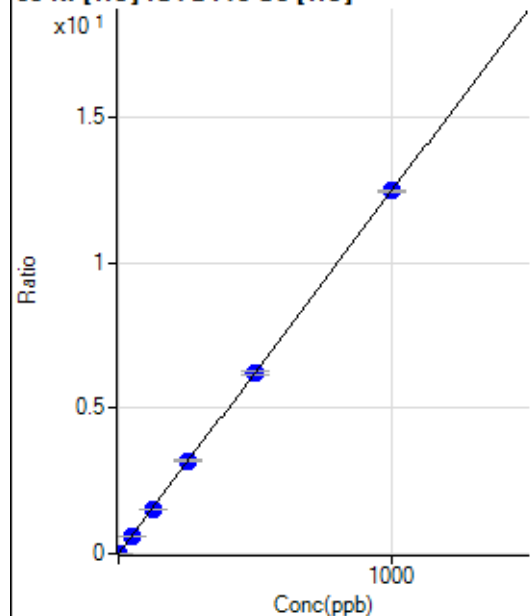
$$R = 1.0000$$

$$DL = 0.01994$$

$$BEC = 0.03756$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0048	P	5.6
2	☐	0.100					
3	☐	1.000	1.014	551.13	0.0175	P	7.6
4	☐	50.000	49.319	19936.75	0.6204	P	1.8
5	☐	125.000	122.142	48857.67	1.5293	P	1.6
6	☐	250.000	255.288	94269.51	3.1910	P	2.1
7	☐	500.000	497.213	177971.63	6.2105	P	1.5
8	☐	1000.000	1000.463	337361.24	12.4914	P	0.7
9	☐			2053.53	0.0750	P	4.5

$$y = 0.0125 * x + 0.0048$$

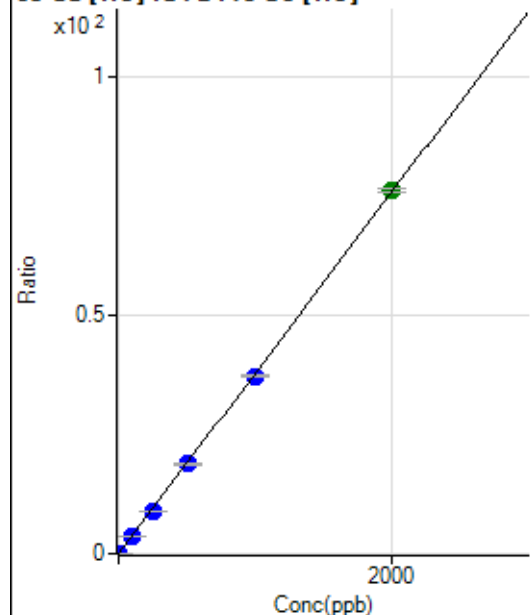
$$R = 1.0000$$

$$DL = 0.06557$$

$$BEC = 0.3875$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.01	0.0052	P	24.3
2	☐	0.200					
3	☐	2.000	1.737	2230.22	0.0709	P	3.0
4	☐	100.000	96.529	117409.43	3.6532	P	0.2
5	☐	250.000	238.630	288278.82	9.0234	P	0.3
6	☐	500.000	499.382	557637.17	18.8777	P	2.5
7	☐	1000.000	984.914	1066811.82	37.2267	P	1.3
8	☐	2000.000	2009.293	2050887.89	75.9396	A	1.2
9	☐			2211.33	0.0808	P	4.8

$$y = 0.0378 * x + 0.0052$$

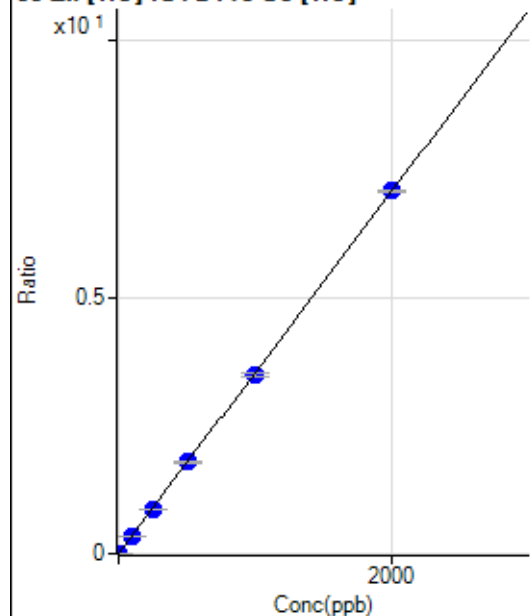
$$R = 0.9999$$

$$DL = 0.1011$$

$$BEC = 0.1388$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0017	P	8.2
2	☐	0.200					
3	☐	2.000	1.933	268.90	0.0086	P	15.1
4	☐	100.000	99.375	11333.70	0.3526	P	0.2
5	☐	250.000	240.572	27193.53	0.8512	P	1.0
6	☐	500.000	504.568	52685.40	1.7834	P	2.1
7	☐	1000.000	992.296	100458.95	3.5057	P	2.0
8	☐	2000.000	2003.920	191157.10	7.0779	P	0.5
9	☐			566.69	0.0207	P	8.5

$$y = 0.0035 * x + 0.0017$$

$$R = 1.0000$$

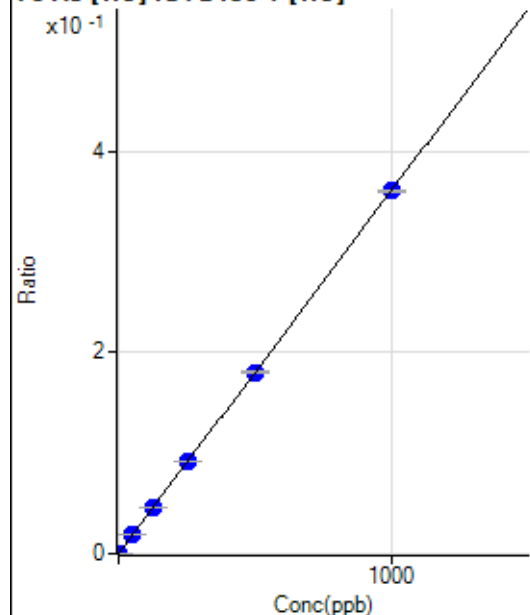
$$DL = 0.1212$$

$$BEC = 0.4903$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	1.025	82.10	0.0004	P	8.8
4	☐	50.000	51.778	4282.80	0.0187	P	2.8
5	☐	125.000	126.779	10682.59	0.0458	P	2.9
6	☐	250.000	254.752	20494.92	0.0921	P	0.7
7	☐	500.000	499.089	39274.81	0.1803	P	1.0
8	☐	1000.000	998.956	75282.46	0.3610	P	0.5
9	☐			34.57	0.0002	P	17.0

$$y = 3.6134\text{E-}004 * x + 2.6073\text{E-}006$$

$$R = 1.0000$$

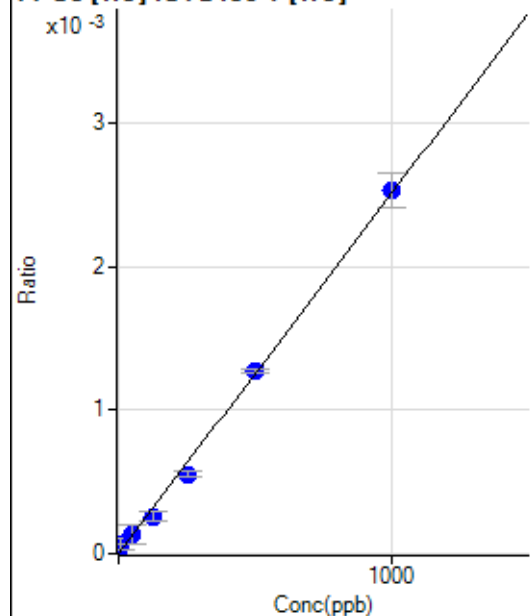
$$DL = 0.03749$$

$$BEC = 0.007216$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	26.163	14.45	0.0001	P	113.
4	☐	50.000	52.468	30.01	0.0001	P	97.0
5	☐	125.000	102.739	60.00	0.0003	P	24.4
6	☐	250.000	219.220	122.23	0.0005	P	7.5
7	☐	500.000	505.132	275.57	0.0013	P	2.0
8	☐	1000.000	1007.682	526.69	0.0025	P	9.5
9	☐			1.11	0.0000	P	173.

$$y = 2.5051\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9988$$

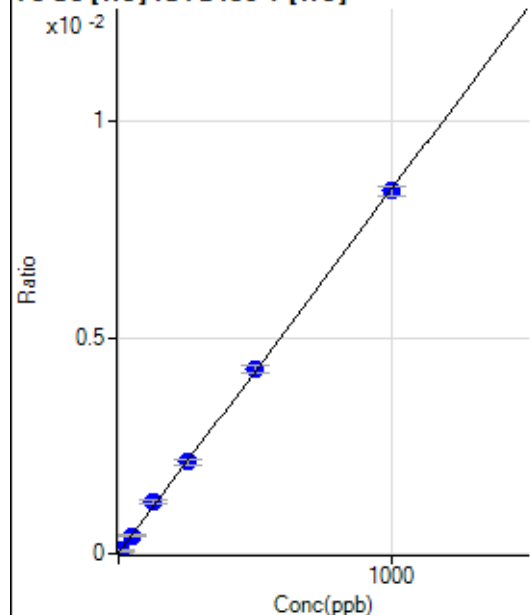
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	5.6
2	☐	0.500					
3	☐	5.000	7.705	16.05	0.0001	P	53.0
4	☐	50.000	48.341	95.06	0.0004	P	17.8
5	☐	125.000	141.500	279.63	0.0012	P	5.4
6	☐	250.000	250.660	471.62	0.0021	P	5.7
7	☐	500.000	504.569	926.58	0.0043	P	3.9
8	☐	1000.000	995.558	1748.89	0.0084	P	2.9
9	☐			0.62	0.0000	P	173.

$$y = 8.4165\text{E-}006 * x + 8.0239\text{E-}006$$

$$R = 0.9998$$

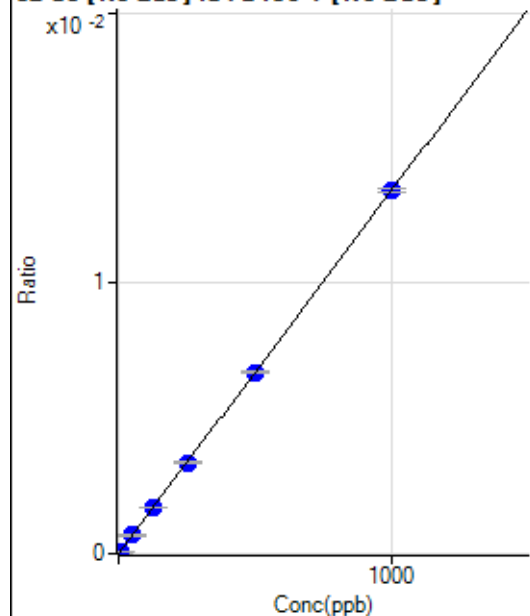
$$DL = 0.1598$$

$$BEC = 0.9534$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-47.83	0.0000	P	-87.
2	☐	0.500					
3	☐	5.000	4.905	365.57	0.0001	P	27.1
4	☐	50.000	50.931	4320.98	0.0007	P	3.2
5	☐	125.000	127.844	11237.51	0.0017	P	1.1
6	☐	250.000	251.195	22468.24	0.0034	P	0.8
7	☐	500.000	499.691	44301.26	0.0067	P	1.1
8	☐	1000.000	999.454	87805.89	0.0134	P	1.2
9	☐			43.91	0.0000	P	129.

$$y = 1.3441\text{E-}005 * x - 7.2394\text{E-}006$$

$$R = 1.0000$$

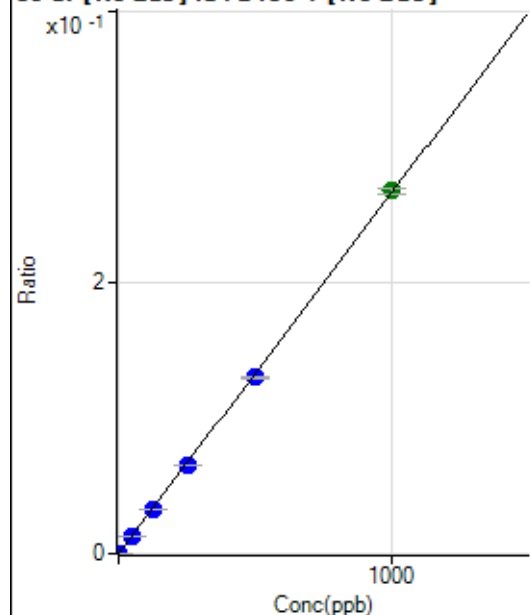
$$DL = 1.412$$

$$BEC = -0.5386$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	541.70	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	1.083	2305.86	0.0004	P	1.9
4	☐	50.000	48.951	83538.47	0.0131	P	0.9
5	☐	125.000	123.658	216407.09	0.0330	P	1.0
6	☐	250.000	245.525	435760.86	0.0653	P	0.4
7	☐	500.000	489.897	860380.01	0.1303	P	0.8
8	☐	1000.000	1006.390	1749907.83	0.2676	A	1.3
9	☐			56180.85	0.0088	P	0.8

$$y = 2.6581E-004 * x + 8.2200E-005$$

$$R = 0.9999$$

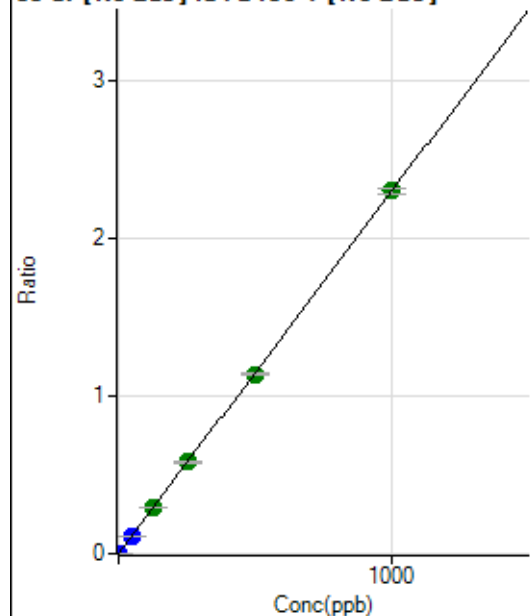
$$DL = 0.06152$$

$$BEC = 0.3092$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.914	13165.31	0.0021	P	2.6
4	☐	50.000	50.258	735284.23	0.1152	P	0.4
5	☐	125.000	127.496	1919948.31	0.2923	A	1.2
6	☐	250.000	252.489	3860762.89	0.5789	A	1.0
7	☐	500.000	494.928	7493036.02	1.1348	A	1.3
8	☐	1000.000	1001.589	15017788.01	2.2965	A	1.4
9	☐			494031.86	0.0774	P	0.1

$$y = 0.0023 * x + 1.6027E-005$$

$$R = 1.0000$$

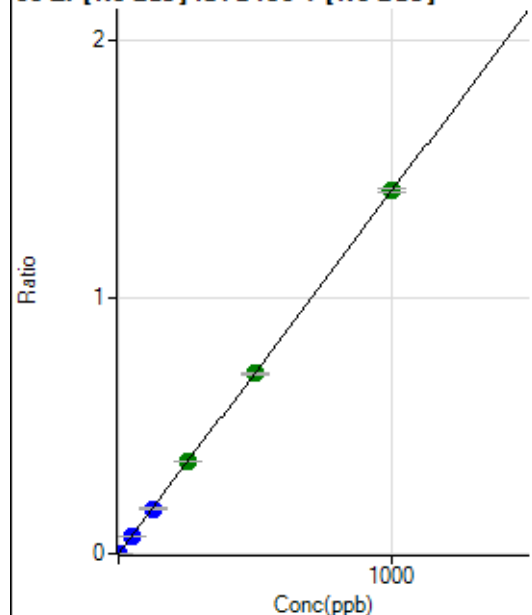
$$DL = 0.003881$$

$$BEC = 0.00699$$

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	413.92	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	0.952	8783.77	0.0014	P	1.3
4	☐	50.000	49.725	448986.17	0.0704	P	0.3
5	☐	125.000	124.254	1154155.41	0.1758	P	1.5
6	☐	250.000	252.648	2382765.20	0.3573	A	0.4
7	☐	500.000	496.973	4640520.77	0.7028	A	0.7
8	☐	1000.000	1000.959	9256343.52	1.4154	A	0.9
9	☐			1080.65	0.0002	P	1.4

$$y = 0.0014 * x + 6.2802E-005$$

$$R = 1.0000$$

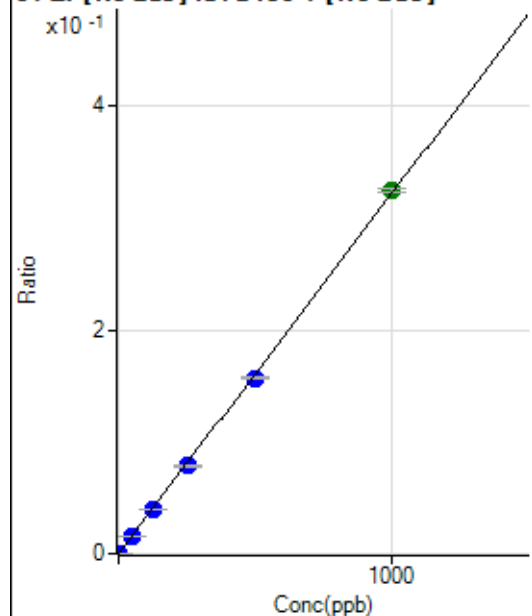
$$DL = 0.01263$$

$$BEC = 0.04442$$

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	91.67	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	0.906	1900.22	0.0003	P	12.7
4	☐	50.000	48.627	99778.20	0.0156	P	0.9
5	☐	125.000	121.566	256618.80	0.0391	P	0.5
6	☐	250.000	243.855	522615.81	0.0784	P	0.6
7	☐	500.000	487.131	1033629.28	0.1565	P	0.9
8	☐	1000.000	1008.469	2119179.41	0.3240	A	1.1
9	☐			250.01	0.0000	P	15.0

$$y = 3.2131E-004 * x + 1.3919E-005$$

$$R = 0.9999$$

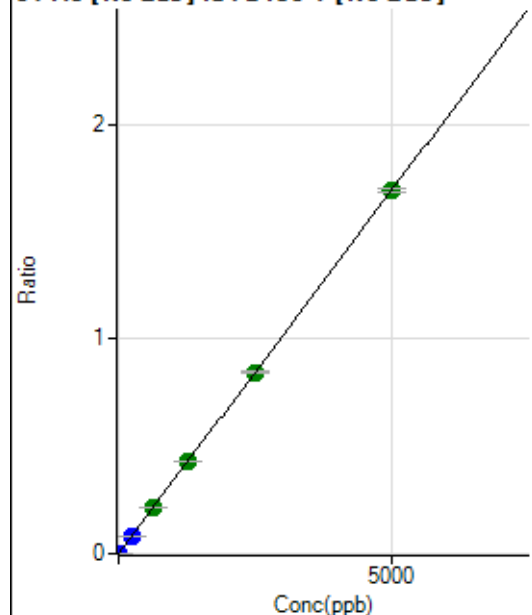
$$DL = 0.03147$$

$$BEC = 0.04332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	36.6
2	☐	0.500					
3	☐	5.000	4.671	9995.79	0.0016	P	2.7
4	☐	250.000	250.723	540952.21	0.0848	P	0.5
5	☐	625.000	627.998	1394517.33	0.2123	A	1.5
6	☐	1250.000	1266.633	2855838.85	0.4282	A	0.6
7	☐	2500.000	2500.643	5582460.58	0.8454	A	1.3
8	☐	5000.000	4995.109	11043810.75	1.6888	A	1.2
9	☐			3706.22	0.0006	P	1.0

$$y = 3.3808\text{E-}004 * x + 2.4867\text{E-}005$$

$$R = 1.0000$$

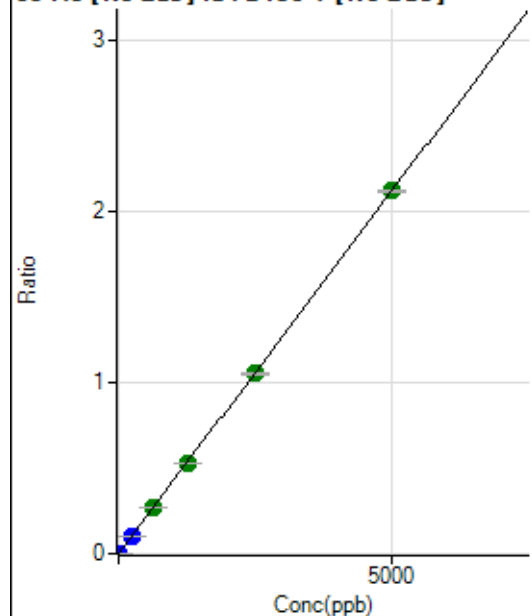
$$DL = 0.08076$$

$$BEC = 0.07355$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	62.8
2	☐	0.500					
3	☐	5.000	4.615	12214.33	0.0020	P	2.3
4	☐	250.000	247.268	668452.83	0.1048	P	0.4
5	☐	625.000	634.437	1765439.91	0.2688	A	1.1
6	☐	1250.000	1254.110	3543625.08	0.5314	A	0.8
7	☐	2500.000	2483.097	6947289.56	1.0521	A	0.7
8	☐	5000.000	5006.382	13872451.35	2.1212	A	0.5
9	☐			6401.77	0.0010	P	4.6

$$y = 4.2370\text{E-}004 * x + 4.6281\text{E-}006$$

$$R = 1.0000$$

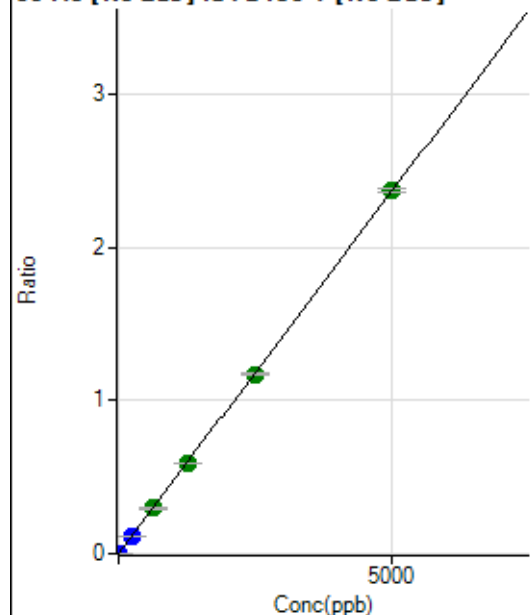
$$DL = 0.02058$$

$$BEC = 0.01092$$

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	63.89	0.0000	P	42.0
2	☐	0.500					
3	☐	5.000	4.328	12787.12	0.0021	P	1.9
4	☐	250.000	247.207	744373.11	0.1167	P	1.2
5	☐	625.000	626.908	1942959.83	0.2959	A	1.2
6	☐	1250.000	1248.091	3928049.09	0.5890	A	0.8
7	☐	2500.000	2472.906	7706187.76	1.1671	A	1.0
8	☐	5000.000	5013.926	15474472.57	2.3663	A	1.2
9	☐			7794.27	0.0012	P	1.9

$$y = 4.7194\text{E-}004 * x + 9.6999\text{E-}006$$

$$R = 1.0000$$

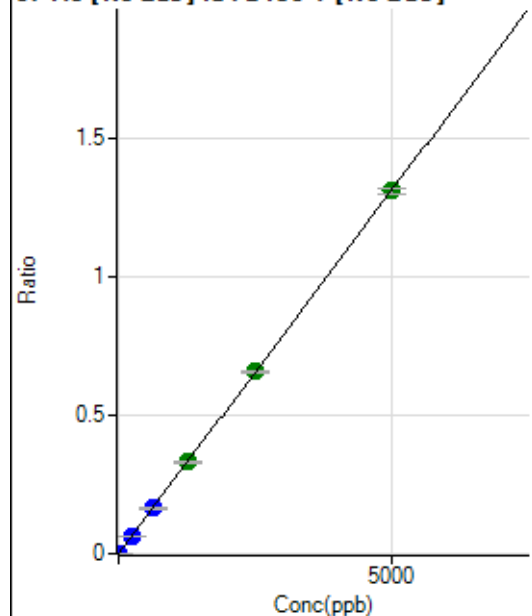
$$DL = 0.02587$$

$$BEC = 0.02055$$

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	47.22	0.0000	P	79.4
2	☐	0.500					
3	☐	5.000	4.419	7260.58	0.0012	P	0.4
4	☐	250.000	247.300	413487.34	0.0648	P	0.4
5	☐	625.000	623.940	1073715.39	0.1635	P	1.4
6	☐	1250.000	1259.984	2201815.82	0.3302	A	0.7
7	☐	2500.000	2503.857	4332390.29	0.6561	A	1.2
8	☐	5000.000	4995.843	8560894.98	1.3091	A	1.7
9	☐			3483.95	0.0005	P	6.6

$$y = 2.6204\text{E-}004 * x + 7.1493\text{E-}006$$

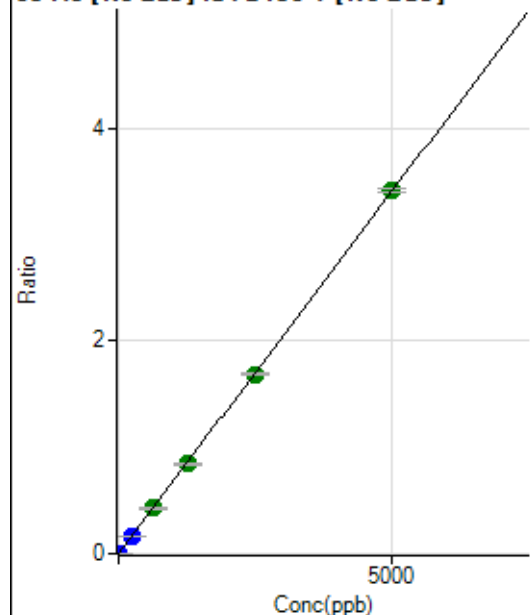
$$R = 1.0000$$

$$DL = 0.06501$$

$$BEC = 0.02728$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	4.475	19014.21	0.0031	P	1.8
4	☐	250.000	246.468	1070576.23	0.1678	P	1.1
5	☐	625.000	625.928	2798566.23	0.4262	A	0.9
6	☐	1250.000	1238.761	5624196.09	0.8434	A	1.1
7	☐	2500.000	2474.618	11124733.15	1.6848	A	1.0
8	☐	5000.000	5015.562	22331287.65	3.4147	A	1.1
9	☐			9097.89	0.0014	P	1.4

$$y = 6.8082E-004 * x + 5.0553E-006$$

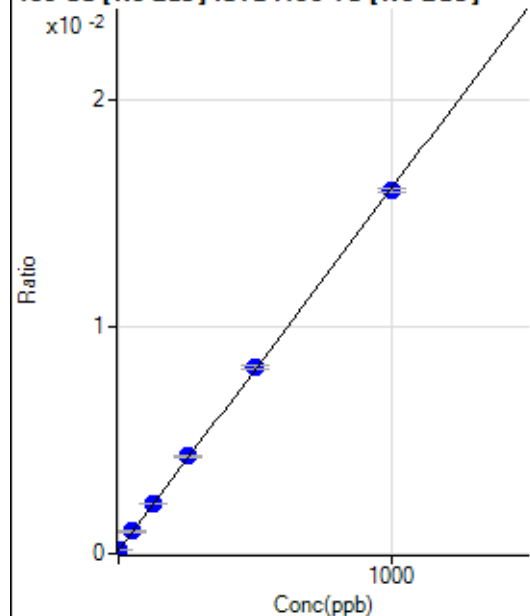
$$R = 1.0000$$

$$DL = 0.005477$$

$$BEC = 0.007425$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1214.00	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	1.225	1302.90	0.0002	P	6.2
4	☐	50.000	52.673	8138.95	0.0010	P	2.4
5	☐	125.000	130.361	19442.55	0.0022	P	1.9
6	☐	250.000	259.971	38341.41	0.0043	P	1.9
7	☐	500.000	507.333	74469.63	0.0082	P	1.9
8	☐	1000.000	993.037	147666.45	0.0160	P	1.0
9	☐			1261.23	0.0001	P	9.4

$$y = 1.5965E-005 * x + 1.4154E-004$$

$$R = 0.9999$$

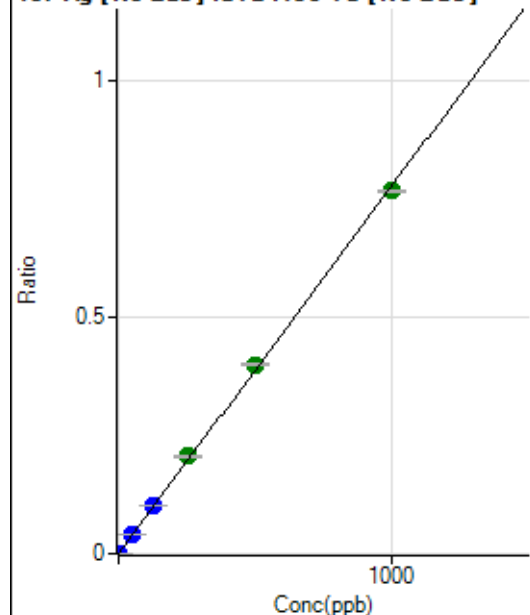
$$DL = 2.633$$

$$BEC = 8.866$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	47.1
2	☐	0.100					
3	☐	1.000	1.002	6399.00	0.0008	P	6.3
4	☐	50.000	54.087	347607.45	0.0420	P	0.7
5	☐	125.000	132.152	896651.39	0.1025	P	0.8
6	☐	250.000	264.669	1833619.90	0.2053	A	0.8
7	☐	500.000	515.032	3609593.27	0.3994	A	1.2
8	☐	1000.000	987.718	7071917.52	0.7660	A	0.7
9	☐			630.60	0.0001	P	5.9

$$y = 7.7553E-004 * x + 1.4590E-005$$

$$R = 0.9997$$

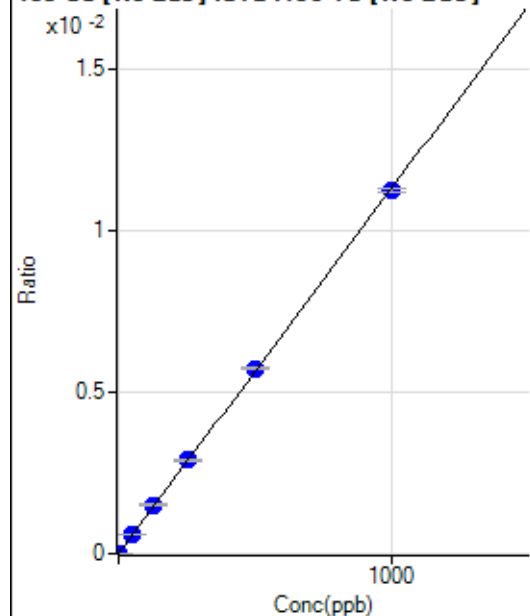
$$DL = 0.02659$$

$$BEC = 0.01881$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	15.6
2	☐	0.100					
3	☐	1.000	0.953	101.39	0.0000	P	8.2
4	☐	50.000	52.862	4957.96	0.0006	P	2.3
5	☐	125.000	133.493	13192.81	0.0015	P	2.5
6	☐	250.000	256.790	25904.40	0.0029	P	1.6
7	☐	500.000	507.316	51761.77	0.0057	P	0.4
8	☐	1000.000	993.440	103532.73	0.0112	P	0.9
9	☐			23.61	0.0000	P	9.9

$$y = 1.1287E-005 * x + 1.7816E-006$$

$$R = 0.9999$$

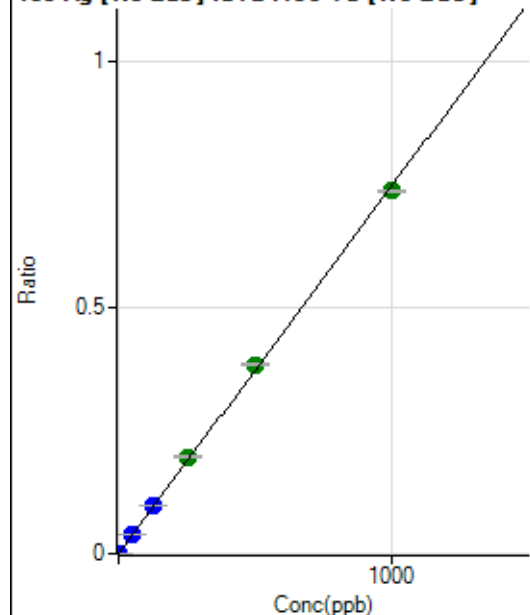
$$DL = 0.07396$$

$$BEC = 0.1578$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.955	5832.08	0.0007	P	2.1
4	☐	50.000	53.685	331302.12	0.0400	P	0.7
5	☐	125.000	132.611	864002.90	0.0988	P	1.0
6	☐	250.000	263.659	1754126.60	0.1964	A	0.6
7	☐	500.000	515.196	3467582.59	0.3837	A	1.1
8	☐	1000.000	987.851	6792236.00	0.7357	A	0.5
9	☐			586.15	0.0001	P	8.1

$$y = 7.4476\text{E-}004 * x + 1.0049\text{E-}005$$

$$R = 0.9997$$

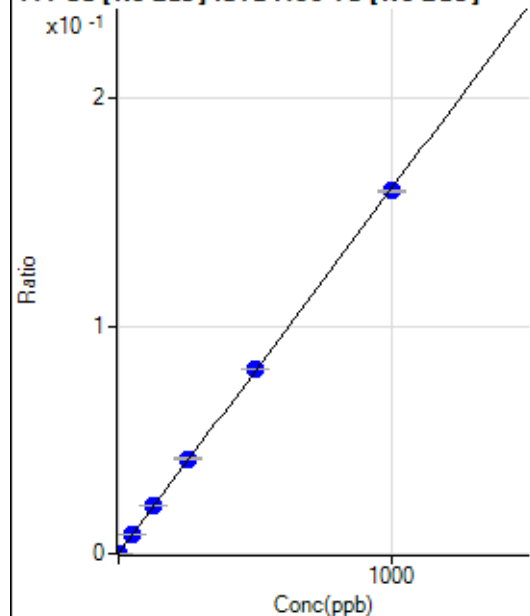
$$DL = 0.01005$$

$$BEC = 0.01349$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	848.83	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.932	2009.19	0.0002	P	5.6
4	☐	50.000	53.177	71437.20	0.0086	P	1.0
5	☐	125.000	130.039	183216.19	0.0209	P	0.9
6	☐	250.000	259.672	372728.08	0.0417	P	0.5
7	☐	500.000	505.956	733858.51	0.0812	P	0.8
8	☐	1000.000	993.815	1471698.67	0.1594	P	0.6
9	☐			1163.57	0.0001	P	5.1

$$y = 1.6030\text{E-}004 * x + 9.8958\text{E-}005$$

$$R = 0.9999$$

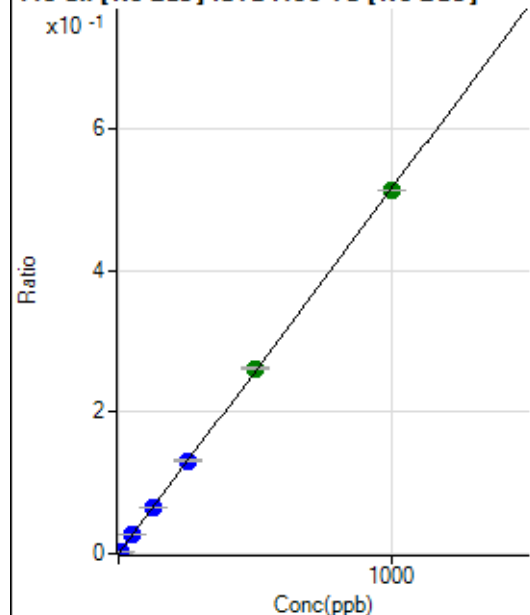
$$DL = 0.1855$$

$$BEC = 0.6173$$

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	550.04	0.0001	P	7.4
2	☐	0.500					
3	☐	5.000	4.715	20179.95	0.0025	P	2.7
4	☐	50.000	52.371	224229.37	0.0271	P	1.4
5	☐	125.000	127.713	576618.38	0.0659	P	0.9
6	☐	250.000	254.517	1172850.30	0.1313	P	1.1
7	☐	500.000	508.334	2369306.11	0.2622	A	1.3
8	☐	1000.000	994.247	4733643.03	0.5127	A	0.1
9	☐			4853.87	0.0005	P	6.9

$$y = 5.1563\text{E-}004 * x + 6.4158\text{E-}005$$

$$R = 0.9999$$

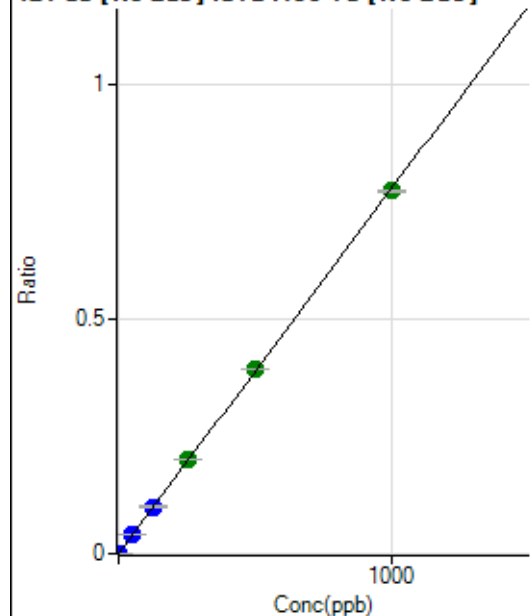
$$DL = 0.02767$$

$$BEC = 0.1244$$

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	47.22	0.0000	P	82.6
2	☐	0.200					
3	☐	2.000	1.848	11650.00	0.0014	P	0.5
4	☐	50.000	51.946	334163.66	0.0403	P	0.9
5	☐	125.000	128.620	873535.26	0.0999	P	1.6
6	☐	250.000	258.327	1791631.59	0.2006	A	1.4
7	☐	500.000	506.799	3556107.72	0.3935	A	0.5
8	☐	1000.000	993.969	7125023.94	0.7718	A	0.3
9	☐			7683.13	0.0009	P	5.7

$$y = 7.7644\text{E-}004 * x + 5.4842\text{E-}006$$

$$R = 0.9999$$

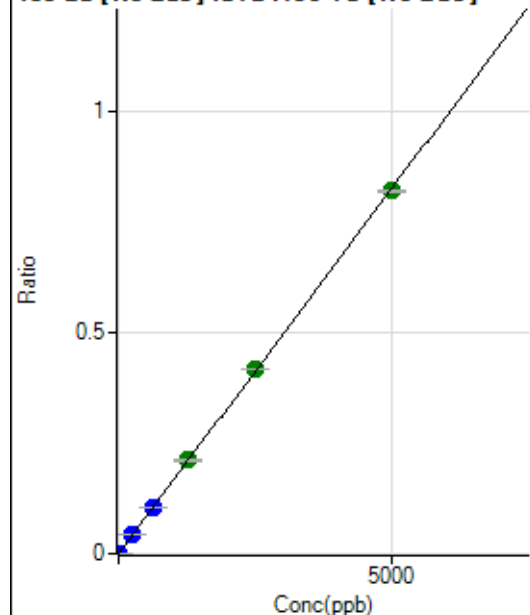
$$DL = 0.0175$$

$$BEC = 0.007063$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.2
2	☐	1.000					
3	☐	10.000	9.434	12575.95	0.0016	P	3.4
4	☐	250.000	256.751	350073.71	0.0423	P	1.1
5	☐	625.000	637.170	917305.10	0.1049	P	1.2
6	☐	1250.000	1284.476	1888294.88	0.2114	A	1.6
7	☐	2500.000	2532.348	3766450.82	0.4168	A	0.8
8	☐	5000.000	4973.349	7556740.71	0.8185	A	0.5
9	☐			2022.47	0.0002	P	6.1

$$y = 1.6458E-004 * x + 2.5968E-006$$

$$R = 0.9999$$

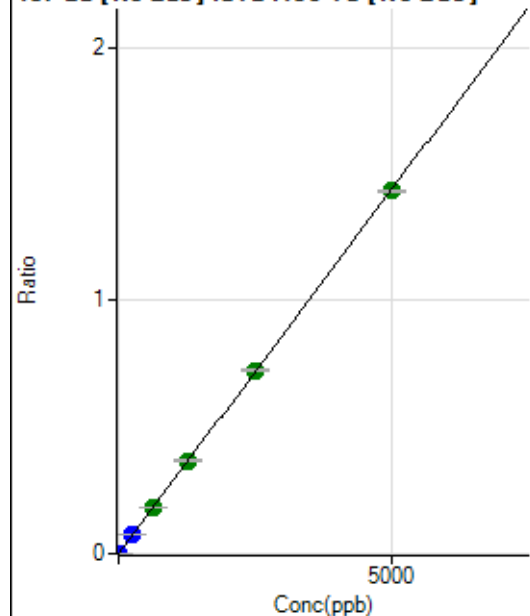
$$DL = 0.03701$$

$$BEC = 0.01578$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.3
2	☐	1.000					
3	☐	10.000	9.564	22252.91	0.0028	P	2.7
4	☐	250.000	256.510	610830.36	0.0737	P	1.5
5	☐	625.000	643.210	1617394.10	0.1849	A	1.1
6	☐	1250.000	1276.079	3276434.84	0.3668	A	1.6
7	☐	2500.000	2515.478	6534508.83	0.7231	A	1.4
8	☐	5000.000	4983.141	13224239.88	1.4324	A	0.6
9	☐			3436.75	0.0004	P	7.4

$$y = 2.8745E-004 * x + 2.5947E-006$$

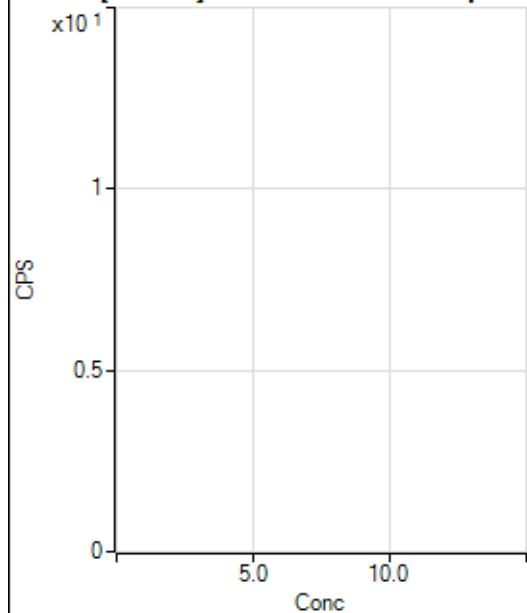
$$R = 1.0000$$

$$DL = 0.006049$$

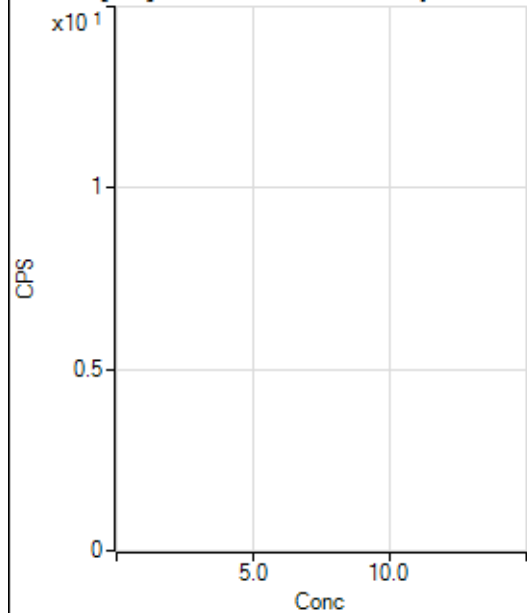
$$BEC = 0.009027$$

Weight: <None>

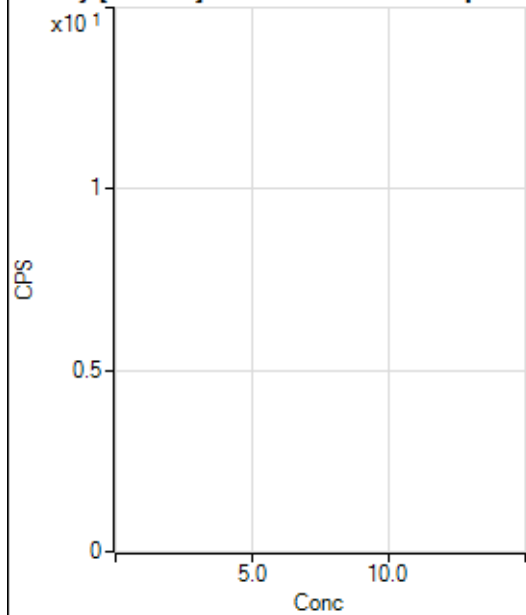
Min Conc: 0

150 Nd [No Gas] No available calibration points

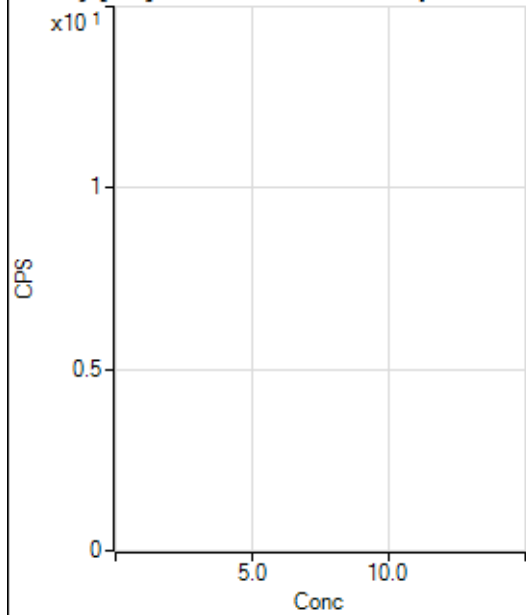
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			11.11		P	91.7
4	☐			28.89		P	35.2
5	☐			31.11		P	75.3
6	☐			82.23		P	36.6
7	☐			135.56		P	22.2
8	☐			257.79		P	7.9
9	☐			60.01		P	19.2

150 Nd [He] No available calibration points

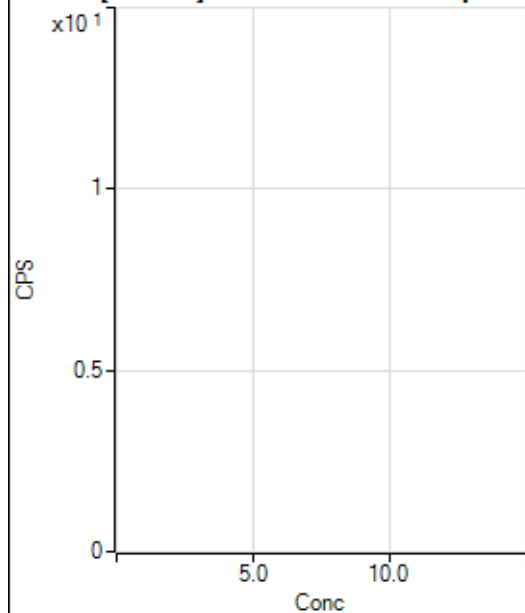
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			12.22		P	173.
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			3.33		P	100.
8	☐			7.78		P	24.7
9	☐			12.22		P	31.5

156 Dy [No Gas] No available calibration points

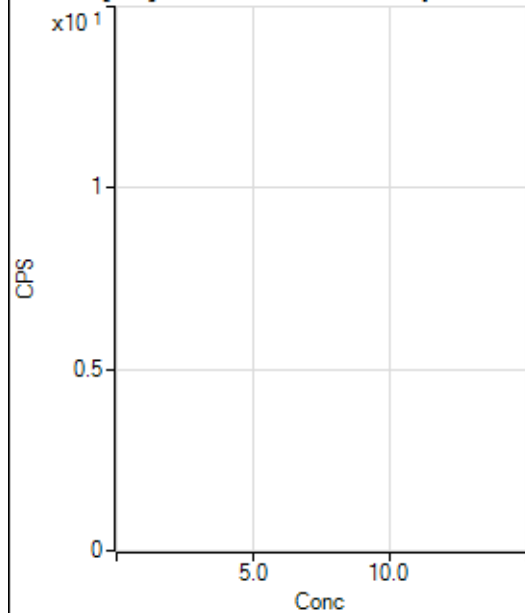
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	107.
2	☐						
3	☐			30.56		P	41.7
4	☐			16.67		P	50.0
5	☐			38.89		P	53.9
6	☐			30.56		P	41.7
7	☐			50.00		P	72.7
8	☐			69.45		P	27.7
9	☐			52.78		P	63.8

156 Dy [He] No available calibration points

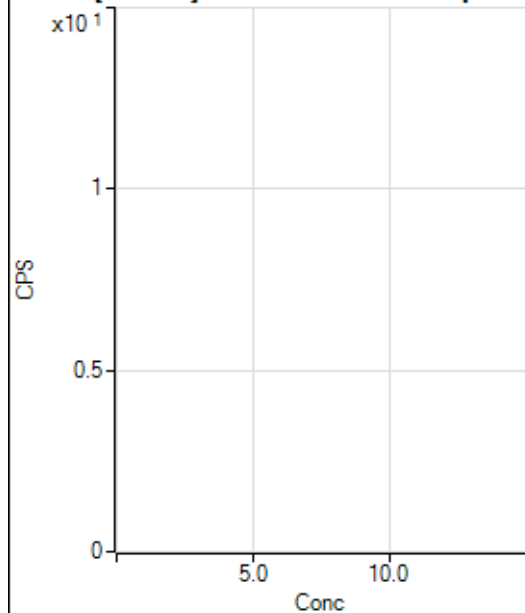
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			14.45		P	135.
4	☐			4.45		P	86.6
5	☐			2.22		P	86.6
6	☐			4.45		P	86.6
7	☐			2.22		P	86.6
8	☐			5.56		P	34.7
9	☐			7.78		P	24.7

160 Gd [No Gas] Noavailable calibration poin...

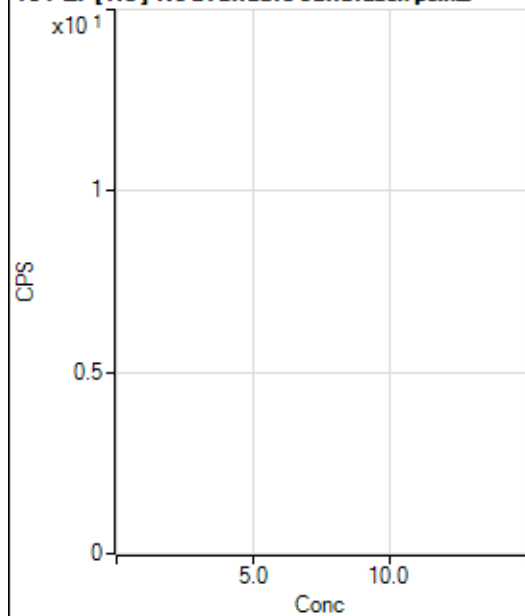
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	45.1
2	☐						
3	☐			58.34		P	57.1
4	☐			50.00		P	16.7
5	☐			80.56		P	46.6
6	☐			66.67		P	25.0
7	☐			47.22		P	36.7
8	☐			80.56		P	53.1
9	☐			83.34		P	26.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			4.44		P	114.
4	☐			6.66		P	86.6
5	☐			8.89		P	43.3
6	☐			5.56		P	34.7
7	☐			6.67		P	100.
8	☐			5.55		P	69.3
9	☐			12.22		P	56.8

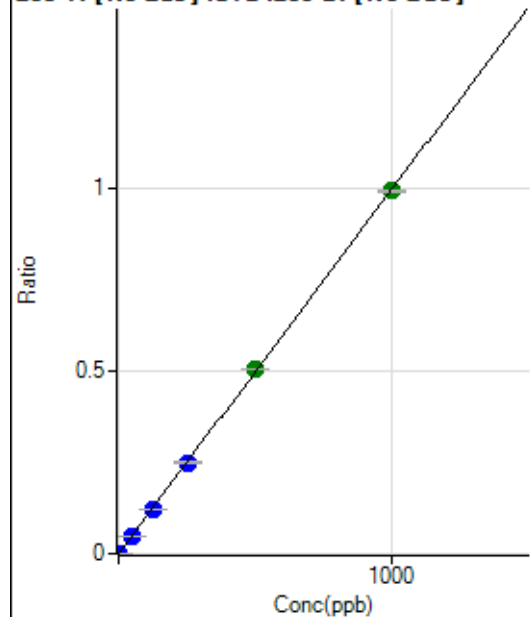
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	97.2
2	☐						
3	☐			36.11		P	35.3
4	☐			44.45		P	47.2
5	☐			41.67		P	72.1
6	☐			47.23		P	20.4
7	☐			55.56		P	8.7
8	☐			41.67		P	34.6
9	☐			44.45		P	47.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			2.22		P	173.
4	☐			4.45		P	86.6
5	☐			10.00		P	33.3
6	☐			3.33		P	0.0
7	☐			8.89		P	21.6
8	☐			4.44		P	43.4
9	☐			12.22		P	110.

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	0.881	4903.97	0.0009	P	7.2
4	☐	50.000	49.594	268182.17	0.0493	P	1.2
5	☐	125.000	123.338	714614.42	0.1226	P	0.8
6	☐	250.000	250.956	1494989.35	0.2493	P	1.8
7	☐	500.000	506.069	3047222.62	0.5028	A	0.5
8	☐	1000.000	996.955	6156661.51	0.9904	A	0.8
9	☐			2528.14	0.0004	P	6.1

$$y = 9.9340E-004 * x + 4.7735E-005$$

$$R = 1.0000$$

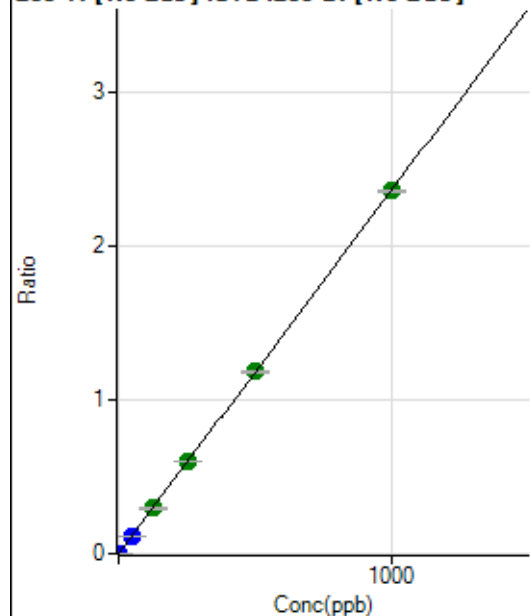
$$DL = 0.0289$$

$$BEC = 0.04805$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	608.38	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	0.912	12042.35	0.0023	P	3.3
4	☐	50.000	49.535	638130.45	0.1173	P	0.6
5	☐	125.000	125.069	1726268.12	0.2961	A	1.5
6	☐	250.000	253.386	3596499.65	0.5998	A	0.8
7	☐	500.000	501.684	7196858.32	1.1874	A	0.9
8	☐	1000.000	998.326	14688004.32	2.3628	A	0.8
9	☐			5821.05	0.0010	P	2.4

$$y = 0.0024 * x + 1.0658E-004$$

$$R = 1.0000$$

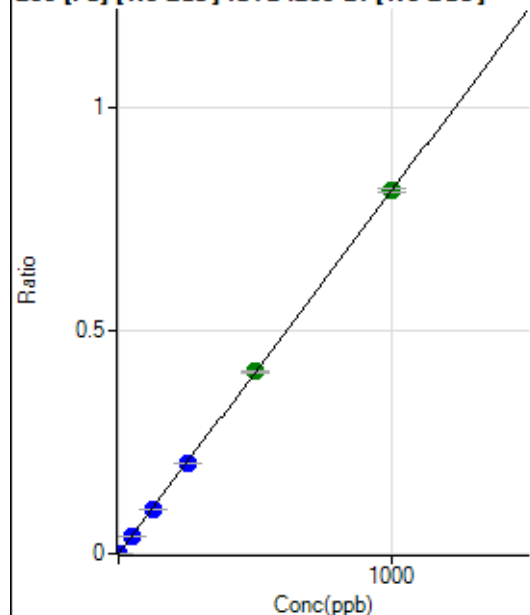
$$DL = 0.01624$$

$$BEC = 0.04503$$

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	438.91	0.0001	P	15.2
2	☐	0.100					
3	☐	1.000	0.907	4321.24	0.0008	P	4.4
4	☐	50.000	49.341	218215.93	0.0401	P	0.6
5	☐	125.000	122.634	580795.66	0.0996	P	0.8
6	☐	250.000	248.689	1210814.87	0.2019	P	1.0
7	☐	500.000	501.140	2465809.14	0.4068	A	0.7
8	☐	1000.000	1000.087	5046428.41	0.8118	A	1.1
9	☐			6753.88	0.0012	P	1.4

$$y = 8.1168\text{E-}004 * x + 7.6949\text{E-}005$$

$$R = 1.0000$$

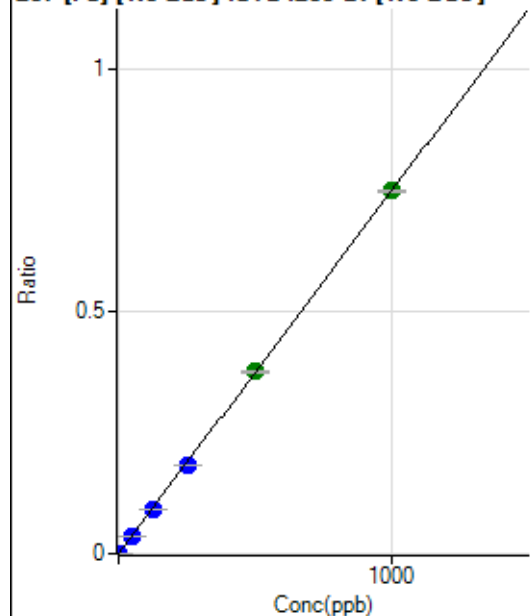
$$DL = 0.04329$$

$$BEC = 0.0948$$

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	433.35	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	0.870	3859.94	0.0007	P	3.0
4	☐	50.000	48.839	198926.95	0.0366	P	1.4
5	☐	125.000	121.130	528271.38	0.0906	P	1.1
6	☐	250.000	245.295	1099833.49	0.1834	P	0.8
7	☐	500.000	502.776	2277997.27	0.3759	A	0.8
8	☐	1000.000	1000.330	4648210.29	0.7478	A	0.6
9	☐			5784.81	0.0010	P	2.8

$$y = 7.4743\text{E-}004 * x + 7.5968\text{E-}005$$

$$R = 1.0000$$

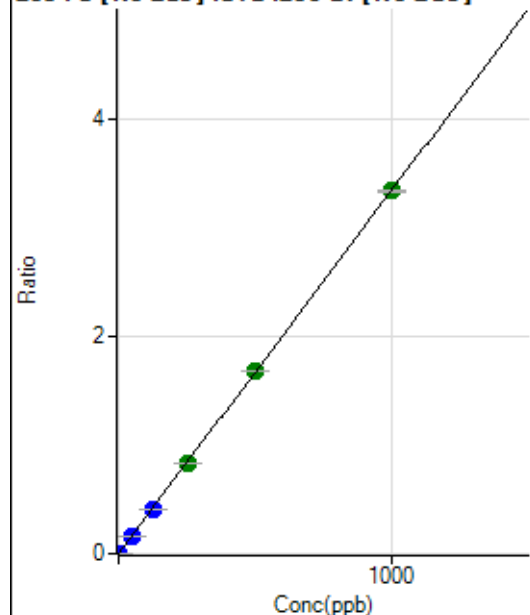
$$DL = 0.03912$$

$$BEC = 0.1016$$

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	1763.07	0.0003	P	6.5
2	☐	0.100					
3	☐	1.000	0.892	17486.71	0.0033	P	1.9
4	☐	50.000	48.732	887248.38	0.1631	P	0.9
5	☐	125.000	121.501	2368770.45	0.4063	P	1.1
6	☐	250.000	249.562	5002176.08	0.8342	A	1.0
7	☐	500.000	502.984	10188410.01	1.6810	A	0.4
8	☐	1000.000	999.118	20755562.33	3.3389	A	0.3
9	☐			26726.60	0.0046	P	1.1

$$y = 0.0033 * x + 3.0899E-004$$

$$R = 1.0000$$

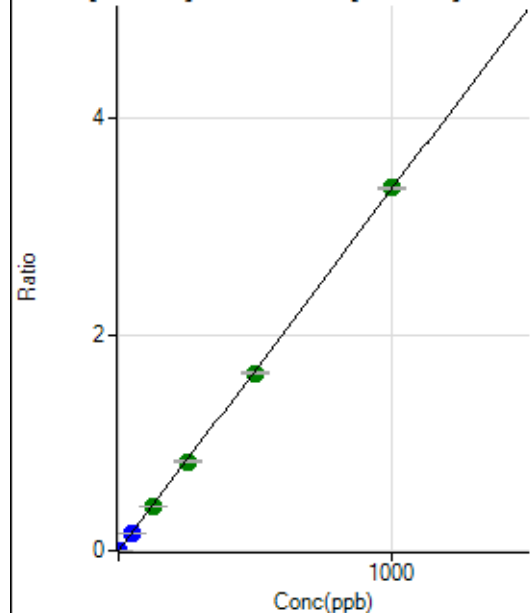
$$DL = 0.0181$$

$$BEC = 0.09247$$

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	66.67	0.0000	P	65.1
2	☐	0.100					
3	☐	1.000	0.831	14806.64	0.0028	P	1.1
4	☐	50.000	47.882	869773.35	0.1599	P	0.3
5	☐	125.000	123.484	2404320.80	0.4124	A	1.5
6	☐	250.000	246.940	4945312.35	0.8248	A	1.1
7	☐	500.000	492.433	9967950.48	1.6447	A	0.7
8	☐	1000.000	1004.844	20862227.89	3.3560	A	0.5
9	☐			825.07	0.0001	P	7.2

$$y = 0.0033 * x + 1.1707E-005$$

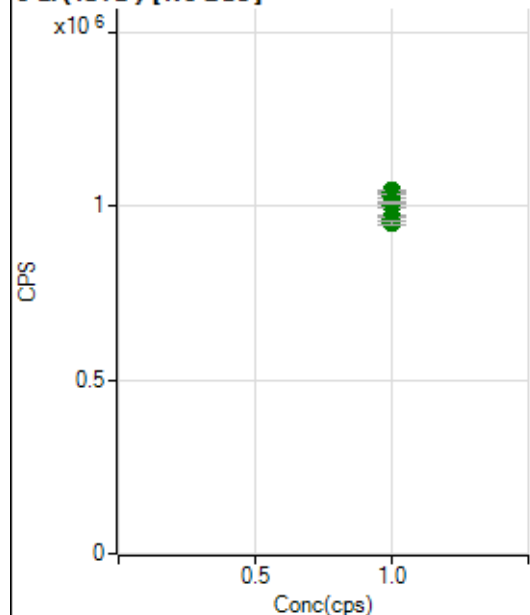
$$R = 1.0000$$

$$DL = 0.006848$$

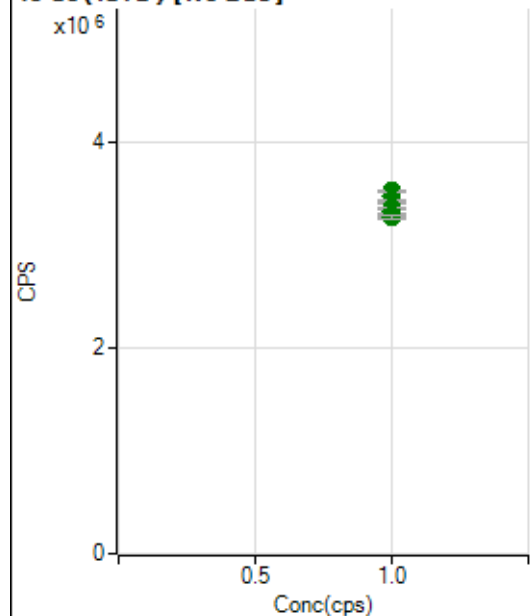
$$BEC = 0.003505$$

Weight: <None>

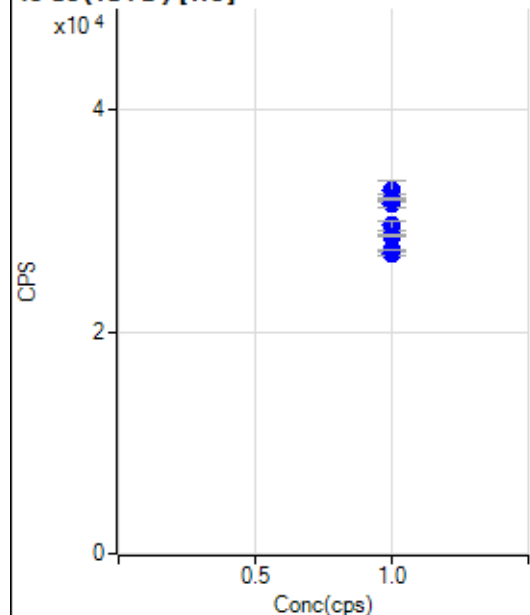
Min Conc: 0

6 Li (ISTD) [No Gas]

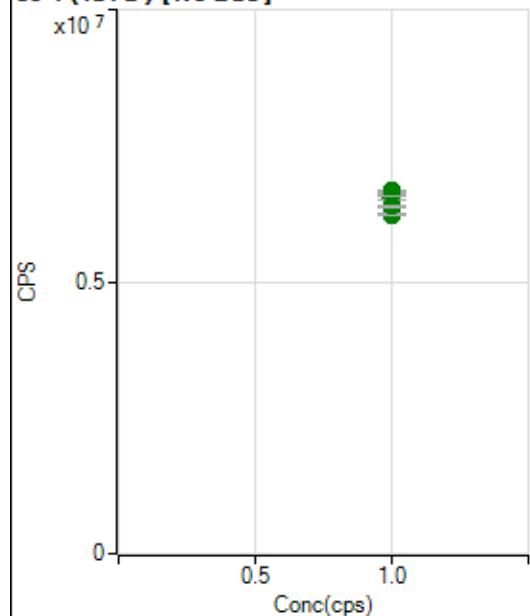
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1044186.02		A	0.8
2	☐	1.000					
3	☐	1.000		970350.12		A	0.6
4	☐	1.000		1002154.49		A	1.2
5	☐	1.000		1040519.19		A	0.8
6	☐	1.000		1027587.27		A	1.2
7	☐	1.000		1010327.59		A	0.9
8	☐	1.000		962157.07		A	0.9
9	☐	1.000		950573.25		A	1.3

45 Sc (ISTD) [No Gas]

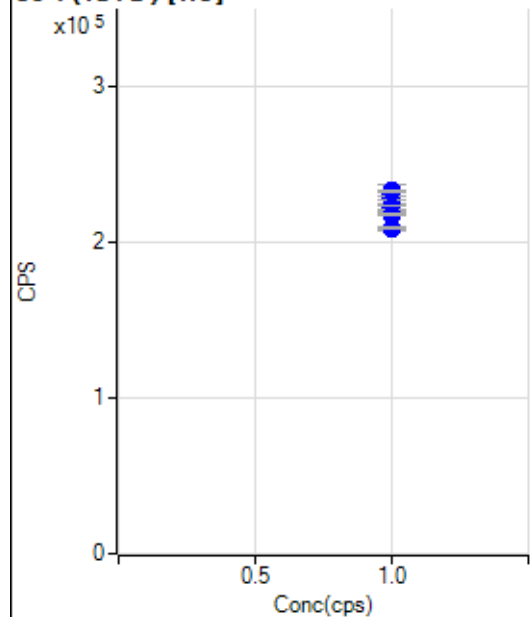
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3527914.14		A	0.4
2	☐	1.000					
3	☐	1.000		3327669.41		A	1.1
4	☐	1.000		3413535.02		A	0.3
5	☐	1.000		3471610.88		A	2.0
6	☐	1.000		3435752.72		A	0.4
7	☐	1.000		3364432.24		A	0.3
8	☐	1.000		3293996.56		A	0.8
9	☐	1.000		3268954.72		A	0.8

45 Sc (ISTD) [He]

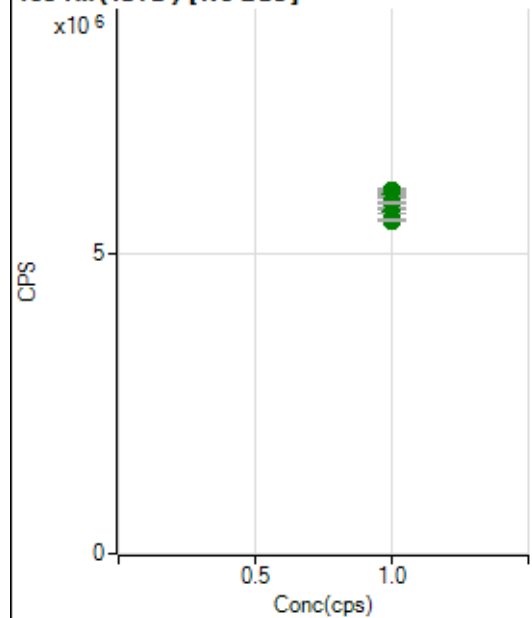
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32692.93		P	5.8
2	☐	1.000					
3	☐	1.000		31473.14		P	1.9
4	☐	1.000		32139.10		P	1.4
5	☐	1.000		31947.52		P	0.6
6	☐	1.000		29552.37		P	2.6
7	☐	1.000		28659.36		P	1.0
8	☐	1.000		27008.44		P	0.9
9	☐	1.000		27370.15		P	0.5

89 Y (ISTD) [No Gas]

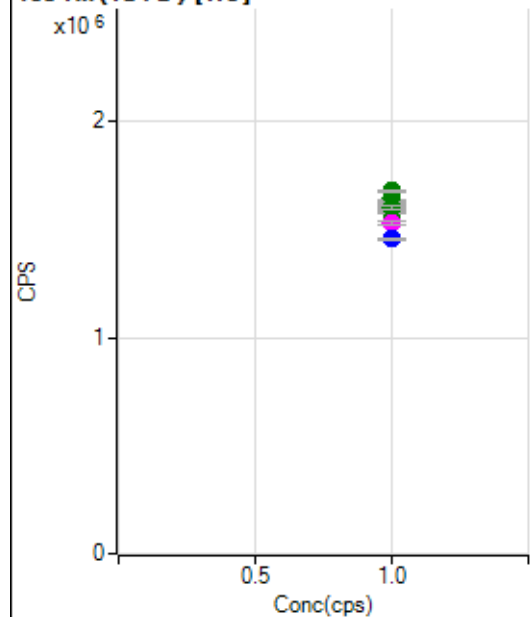
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6588797.47		A	0.5
2	☐	1.000					
3	☐	1.000		6231556.85		A	0.7
4	☐	1.000		6380139.21		A	0.6
5	☐	1.000		6567698.23		A	1.6
6	☐	1.000		6668760.73		A	0.3
7	☐	1.000		6603219.49		A	0.4
8	☐	1.000		6540039.62		A	0.8
9	☐	1.000		6381998.86		A	0.4

89 Y(ISTD) [He]

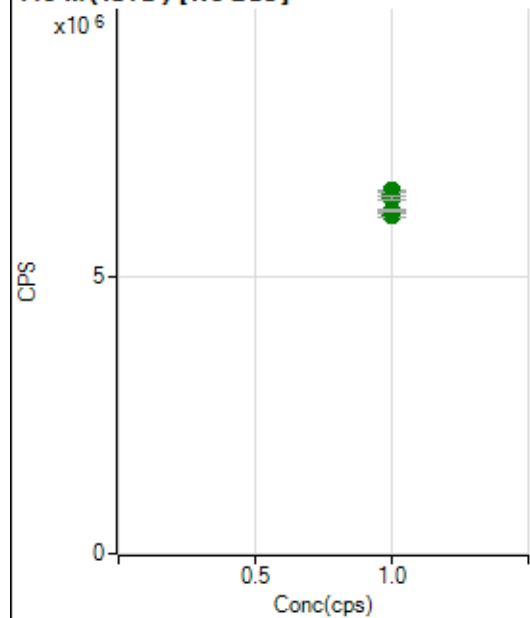
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		231027.13		P	5.4
2	☐	1.000					
3	☐	1.000		220048.94		P	0.5
4	☐	1.000		228836.89		P	1.1
5	☐	1.000		233188.53		P	0.5
6	☐	1.000		222647.61		P	0.9
7	☐	1.000		217779.05		P	0.6
8	☐	1.000		208562.91		P	1.0
9	☐	1.000		209293.75		P	0.7

103 Rh(ISTD) [No Gas]

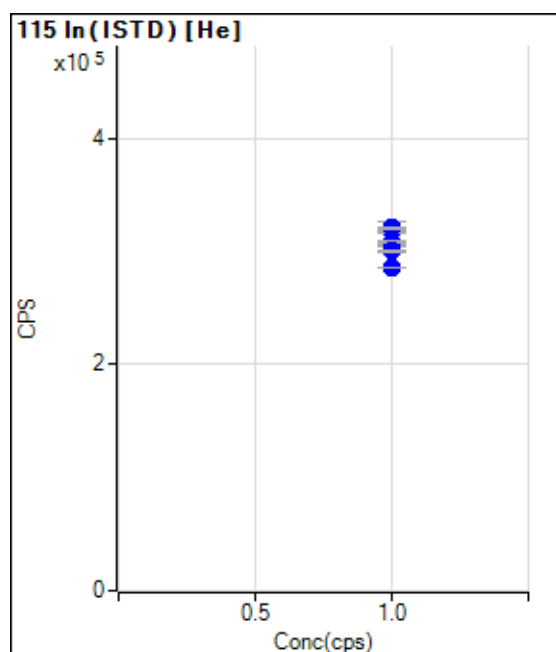
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6032749.49		A	0.9
2	☐	1.000					
3	☐	1.000		5695423.48		A	1.0
4	☐	1.000		5757474.00		A	0.4
5	☐	1.000		6022684.07		A	1.0
6	☐	1.000		5992505.30		A	1.1
7	☐	1.000		5937833.21		A	0.3
8	☐	1.000		5836736.46		A	0.1
9	☐	1.000		5537476.65		A	0.5

103 Rh (ISTD) [He]

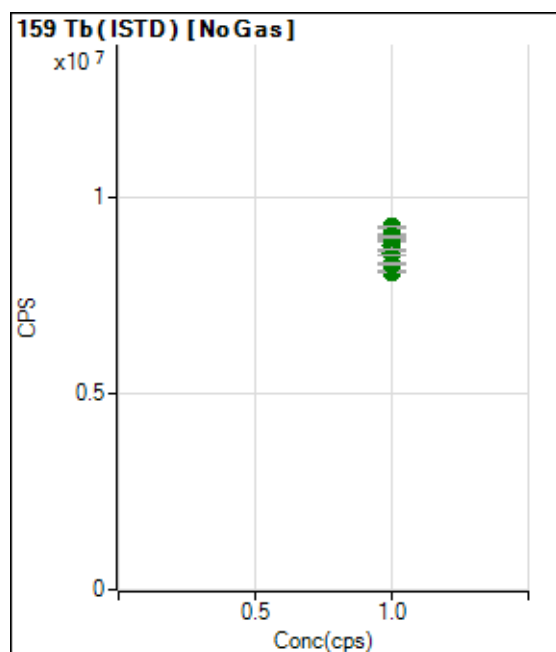
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1643823.71		A	4.6
2	☐	1.000					
3	☐	1.000		1579482.30		A	0.4
4	☐	1.000		1627493.47		A	1.1
5	☐	1.000		1679399.00		A	0.6
6	☐	1.000		1628368.53		A	0.5
7	☐	1.000		1600475.53		A	0.9
8	☐	1.000		1529611.02		M	1.3
9	☐	1.000		1456244.40		P	0.3

115 In (ISTD) [No Gas]

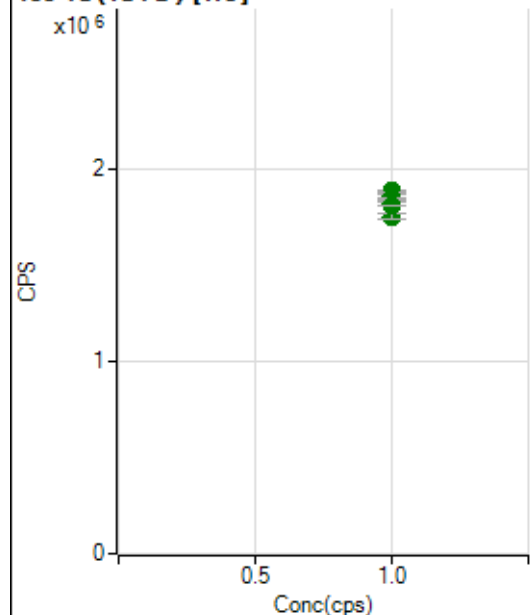
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6492585.09		A	0.8
2	☐	1.000					
3	☐	1.000		6107471.85		A	1.0
4	☐	1.000		6186573.89		A	0.3
5	☐	1.000		6476295.78		A	2.3
6	☐	1.000		6552689.31		A	0.4
7	☐	1.000		6504832.39		A	1.0
8	☐	1.000		6438526.04		A	1.0
9	☐	1.000		6186264.25		A	0.5



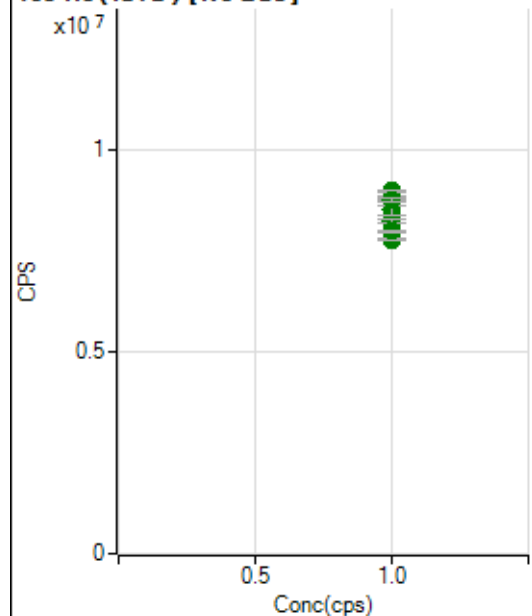
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		317074.96		P	5.6
2	☐	1.000					
3	☐	1.000		305022.96		P	1.1
4	☐	1.000		317060.43		P	0.8
5	☐	1.000		320531.52		P	0.3
6	☐	1.000		307772.33		P	0.6
7	☐	1.000		300219.21		P	0.5
8	☐	1.000		284847.01		P	0.1
9	☐	1.000		285119.40		P	0.2



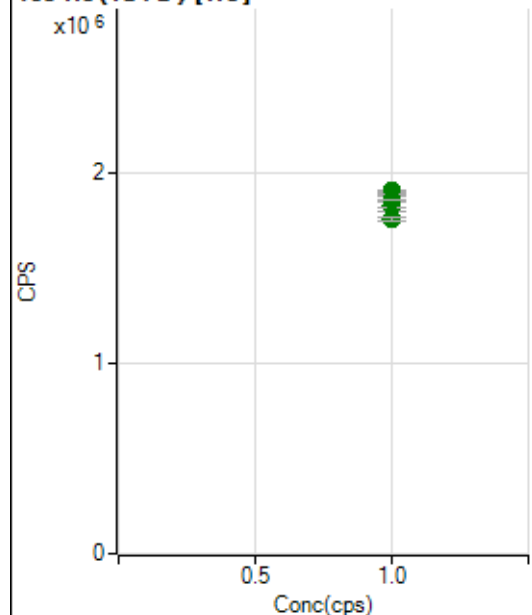
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8575394.25		A	0.9
2	☐	1.000					
3	☐	1.000		8086681.06		A	0.4
4	☐	1.000		8284298.21		A	0.5
5	☐	1.000		8748586.81		A	2.2
6	☐	1.000		8932976.67		A	0.9
7	☐	1.000		9037154.52		A	0.6
8	☐	1.000		9232236.04		A	0.4
9	☐	1.000		8993795.70		A	0.3

159 Tb (ISTD) [He]

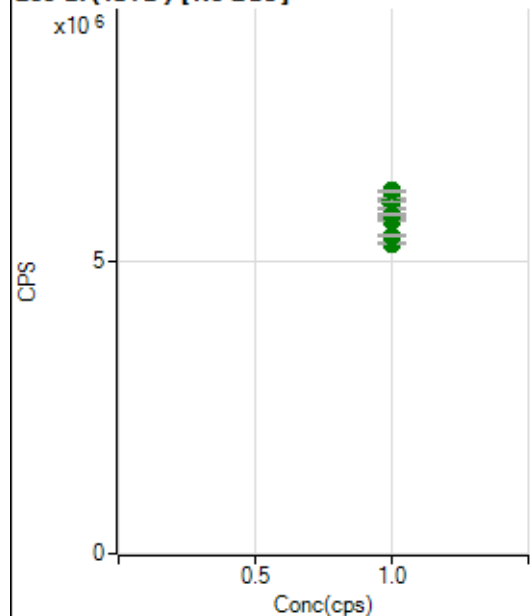
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1816059.51		A	5.3
2	☐	1.000					
3	☐	1.000		1753431.73		A	1.8
4	☐	1.000		1818330.11		A	1.1
5	☐	1.000		1885660.15		A	0.6
6	☐	1.000		1859260.63		A	0.9
7	☐	1.000		1871569.90		A	0.6
8	☐	1.000		1844305.48		A	0.7
9	☐	1.000		1808735.39		A	0.3

165 Ho (ISTD) [No Gas]

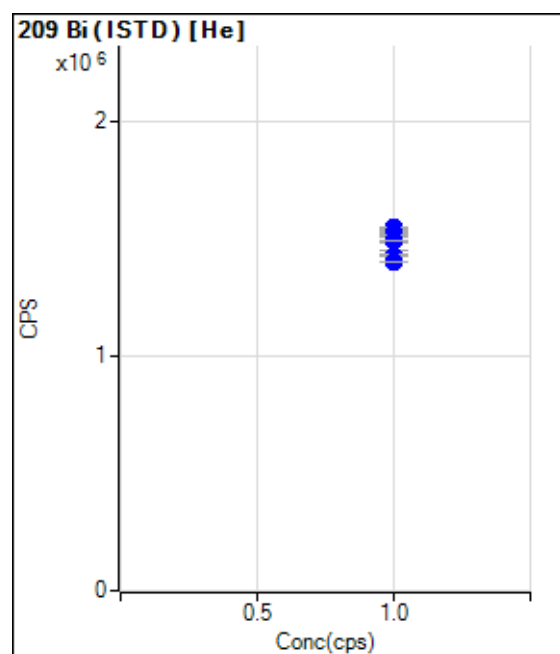
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8219420.76		A	0.7
2	☐	1.000					
3	☐	1.000		7761529.25		A	0.5
4	☐	1.000		7962824.49		A	0.6
5	☐	1.000		8484540.21		A	2.8
6	☐	1.000		8721968.94		A	0.2
7	☐	1.000		8800523.98		A	0.8
8	☐	1.000		8964686.83		A	0.6
9	☐	1.000		8756942.82		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1848295.25		A	5.5
2	☐	1.000					
3	☐	1.000		1760785.79		A	1.4
4	☐	1.000		1835644.52		A	1.6
5	☐	1.000		1908991.80		A	0.2
6	☐	1.000		1890931.38		A	0.6
7	☐	1.000		1891834.56		A	0.5
8	☐	1.000		1883793.13		A	0.4
9	☐	1.000		1861932.78		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5707396.79		A	0.6
2	☐	1.000					
3	☐	1.000		5314051.38		A	0.7
4	☐	1.000		5438395.27		A	0.6
5	☐	1.000		5830855.05		A	2.3
6	☐	1.000		5996842.14		A	1.7
7	☐	1.000		6060878.17		A	0.8
8	☐	1.000		6216376.36		A	0.6
9	☐	1.000		5813087.76		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1493435.50		P	5.4
2	☐	1.000					
3	☐	1.000		1429779.27		P	0.8
4	☐	1.000		1494309.54		P	1.8
5	☐	1.000		1546535.91		P	0.4
6	☐	1.000		1523488.57		P	0.3
7	☐	1.000		1516020.86		P	0.4
8	☐	1.000		1493045.93		P	0.3
9	☐	1.000		1401595.36		P	0.2

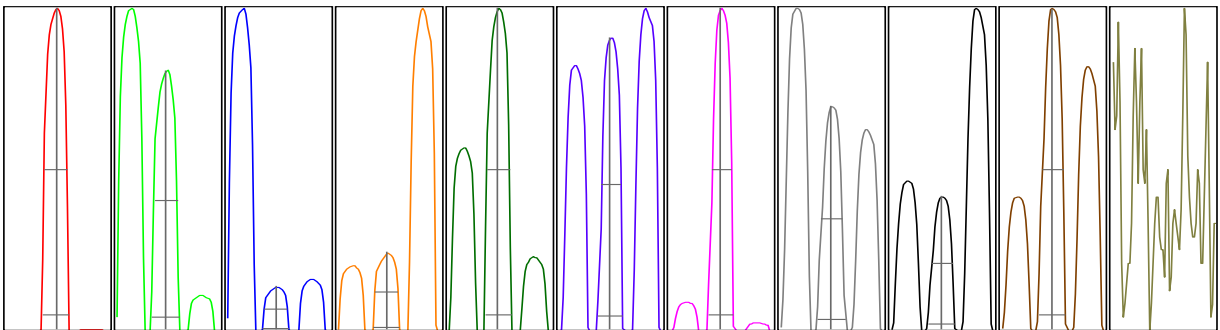
US EPA Tune Check Sample Report

Batch Folder D:\P8121317-MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3757	0.92	5.00	
24	18613	0.97	5.00	
25	2528	1.04	5.00	
26	3000	1.12	5.00	
59	42040	0.81	5.00	
113	5918	0.63	5.00	
115	74003	0.91	5.00	
206	19126	0.92	5.00	
207	17087	0.80	5.00	
208	41411	0.77	5.00	
220	1	20.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3762	3790	3769	3766	3698
24	18670	18598	18703	18782	18310
25	2543	2540	2538	2539	2481
26	3011	3018	3013	3018	2940
59	42101	42045	42167	42407	41482
113	5920	5910	5932	5965	5862
115	74070	74325	74319	74479	72824
206	19233	19180	19175	19229	18814
207	17049	17136	17156	17225	16871
208	41348	41403	41629	41751	40924
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6019	9.00	8.9 - 9.1		0.783	0.900	
24	29841	23.95	23.9 - 24.1		0.821	0.900	
25	4064	24.95	24.9 - 25.1		0.743	0.900	
26	4819	25.95	25.9 - 26.1		0.743	0.900	
59	68441	58.95	58.9 - 59.1		0.783	0.900	
113	10505	113.00	112.9 - 113.1		0.721	0.900	
115	131587	115.00	114.9 - 115.1		0.730	0.900	
206	33066	206.00	205.9 - 206.1		0.812	0.900	
207	29643	207.00	206.9 - 207.1		0.781	0.900	
208	70932	208.00	207.9 - 208.1		0.788	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	14.4	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5635	0.86	
89	1277	0.87	
205	8799	0.86	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5687	5652	5662	5604	5567
89	1292	1271	1281	1280	1262
205	8864	8837	8855	8748	8692

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:12:53 DataFile Name : 007CALB_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.82	0.33	1.49	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.05	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	-0.16	0.07	0.00	N/A	ppb
Boron	11-1	-0.24	0.11	0.13	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.05	0.02	0.00	N/A	ppb
Cadmium	106-1	-1.00	0.66	0.33	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	10.16	-6.75	-3.41	0.00	N/A	ppb
Calcium	44-1	-0.36	0.45	-0.09	0.00	N/A	ppb
Chromium	52-2	0.03	0.01	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.03	0.03	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	0.00	0.01	-0.01	0.00	N/A	ppb
Iron	57-2	-1.86	-0.16	2.02	0.00	N/A	ppb
Lead	206-1	0.02	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.50	-1.20	0.70	0.00	N/A	ppb
Manganese	55-2	0.04	-0.02	-0.01	0.00	N/A	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:12:53	DataFile Name :	007CALB_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	28.44	-14.91	7.21	6.91	313.71	ppb
Potassium	39-2	-16.99	21.01	-4.03	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	-0.04	0.06	-0.02	0.00	N/A	ppb
Selenium	82-1	0.47	0.01	-0.47	0.00	N/A	ppb
Silicon	28-1	0.17	0.54	-0.71	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	0.55	3.30	-3.85	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-713.15	-502.07	-313.04	-509.42		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.03	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:12:53	DataFile Name :	007CALB_P8121317-MS

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:19:35 DataFile Name : 009CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.38	22.40	69.77	35.52	84.27	ppb
Antimony	121-1	1.86	1.84	1.84	1.85	0.47	ppb
Arsenic	75-2	0.98	0.97	1.13	1.03	8.90	ppb
Barium	135-1	9.50	9.71	9.09	9.43	3.36	ppb
Barium	137-1	9.80	9.61	9.29	9.56	2.67	ppb
Beryllium	9-1	1.08	0.99	0.89	0.99	9.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	24.45	21.12	21.12	22.23	8.65	ppb
Boron	11-1	22.00	23.62	22.22	22.61	3.89	ppb
Cadmium	111-1	0.90	0.87	1.03	0.93	9.36	ppb
Cadmium	106-1	1.37	0.54	1.77	1.22	51.20	ppb
Cadmium	108-1	0.98	0.85	1.03	0.95	9.56	ppb
Calcium	43-1	443.93	413.97	461.49	439.80	5.46	ppb
Calcium	44-1	448.37	448.75	461.23	452.78	1.62	ppb
Chromium	52-2	1.96	1.90	1.92	1.93	1.66	ppb
Cobalt	59-2	0.93	0.93	0.88	0.91	3.32	ppb
Copper	63-2	1.80	1.70	1.71	1.74	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	45.95	45.80	45.94	45.90	0.19	ppb
Iron	57-2	43.76	53.13	43.57	46.82	11.68	ppb
Lead	206-1	0.86	0.94	0.92	0.91	4.81	ppb
Lead	207-1	0.85	0.90	0.86	0.87	3.30	ppb
Lead	208-1	0.87	0.91	0.89	0.89	2.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	461.37	455.09	485.98	467.48	3.49	ppb
Manganese	55-2	0.92	0.89	1.38	1.06	25.91	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:19:35	DataFile Name :	009CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.54	4.79	4.67	2.71	ppb
Molybdenum	95-1	4.57	4.54	4.74	4.62	2.29	ppb
Molybdenum	96-1	4.27	4.29	4.42	4.33	1.86	ppb
Molybdenum	97-1	4.44	4.41	4.42	4.42	0.36	ppb
Molybdenum	98-1	4.39	4.56	4.47	4.47	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.10	1.04	1.01	10.54	ppb
Phosphorus	31-2	9.10	-14.91	-14.91	-6.91		ppb
Potassium	39-2	508.19	518.80	483.30	503.43	3.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	12.17	6.02	60.29	26.16	113.58	ppb
Selenium	78-2	5.08	13.01	5.03	7.71	59.59	ppb
Selenium	82-1	3.96	4.53	6.23	4.91	24.11	ppb
Silicon	28-1	26.52	26.47	30.26	27.75	7.84	ppb
Silver	109-1	0.98	0.93	0.95	0.95	2.15	ppb
Silver	107-1	0.94	1.07	0.99	1.00	6.39	ppb
Sodium	23-2	475.00	455.28	449.98	460.09	2.87	ppb
Strontium	86-1	1.11	1.07	1.07	1.08	2.50	ppb
Strontium	88-1	0.92	0.94	0.89	0.91	2.64	ppb
Sulfur	34-1	191.44	384.21	952.60	509.42	77.68	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.80	0.90	0.88	7.64	ppb
Thallium	205-1	0.90	0.89	0.95	0.91	3.43	ppb
Tin	118-1	4.57	4.81	4.77	4.72	2.75	ppb
Titanium	47-1	4.59	4.64	4.30	4.51	4.10	ppb
Uranium	238-1	0.82	0.83	0.84	0.83	1.13	ppb
Vanadium	51-2	4.18	4.26	4.43	4.29	2.95	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	2.21	2.07	1.52	1.93	18.90	ppb
Zirconium	90-1	0.96	0.94	0.96	0.95	1.41	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:19:35	DataFile Name :	009CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.80	1.04	0.91	13.32	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:23:07	DataFile Name :	010CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1069.52	1076.72	1035.55	1060.60	2.07	ppb
Antimony	121-1	52.39	51.95	51.50	51.95	0.86	ppb
Arsenic	75-2	50.19	52.12	53.02	51.78	2.80	ppb
Barium	135-1	258.78	258.01	253.46	256.75	1.12	ppb
Barium	137-1	260.02	257.07	252.44	256.51	1.49	ppb
Beryllium	9-1	53.29	52.74	52.58	52.87	0.70	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	46.79	47.52	49.16	47.82	2.54	ppb
Boron	11-1	49.66	48.95	51.31	49.97	2.42	ppb
Cadmium	111-1	53.13	53.71	52.69	53.18	0.97	ppb
Cadmium	106-1	53.31	50.98	53.73	52.67	2.81	ppb
Cadmium	108-1	51.60	52.90	54.08	52.86	2.35	ppb
Calcium	43-1	4917.09	5120.83	5070.69	5036.20	2.11	ppb
Calcium	44-1	4995.47	5065.46	5039.14	5033.36	0.70	ppb
Chromium	52-2	50.49	49.32	49.68	49.83	1.20	ppb
Cobalt	59-2	49.28	48.48	48.96	48.91	0.82	ppb
Copper	63-2	96.68	96.64	96.27	96.53	0.23	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				99		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	2533.59	2484.23	2502.62	2506.82	1.00	ppb
Iron	57-2	2495.36	2457.92	2385.94	2446.41	2.27	ppb
Lead	206-1	49.50	49.53	48.99	49.34	0.62	ppb
Lead	207-1	49.19	49.25	48.08	48.84	1.35	ppb
Lead	208-1	48.56	49.23	48.41	48.73	0.90	ppb
Lithium	6-1				96		%
Magnesium	24-2	5239.85	5152.31	5165.14	5185.77	0.91	ppb
Manganese	55-2	100.06	98.43	99.19	99.23	0.82	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:23:07	DataFile Name :	010CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.56	252.01	250.60	250.72	0.49	ppb
Molybdenum	95-1	246.26	248.16	247.37	247.27	0.39	ppb
Molybdenum	96-1	243.81	247.98	249.83	247.21	1.25	ppb
Molybdenum	97-1	246.37	247.40	248.13	247.30	0.36	ppb
Molybdenum	98-1	243.35	248.49	247.57	246.47	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.23	48.43	49.30	49.32	1.82	ppb
Phosphorus	31-2	1290.87	906.43	960.74	1052.68	19.76	ppb
Potassium	39-2	2623.18	2643.45	2716.07	2660.90	1.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	29.35	110.81	17.24	52.47	96.99	ppb
Selenium	78-2	40.78	46.29	57.95	48.34	18.14	ppb
Selenium	82-1	49.13	52.15	51.51	50.93	3.13	ppb
Silicon	28-1	74.98	79.39	74.12	76.17	3.71	ppb
Silver	109-1	54.08	53.66	53.31	53.69	0.72	ppb
Silver	107-1	54.42	54.20	53.64	54.09	0.75	ppb
Sodium	23-2	5267.94	5142.72	5188.08	5199.58	1.22	ppb
Strontium	86-1	48.75	49.47	48.64	48.95	0.93	ppb
Strontium	88-1	50.01	50.40	50.36	50.26	0.42	ppb
Sulfur	34-1	1411.89	1481.40	1485.63	1459.64	2.84	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	50.02	49.82	48.94	49.59	1.15	ppb
Thallium	205-1	49.74	49.69	49.18	49.54	0.62	ppb
Tin	118-1	53.17	52.28	51.66	52.37	1.45	ppb
Titanium	47-1	246.61	250.24	253.73	250.19	1.42	ppb
Uranium	238-1	48.00	47.71	47.93	47.88	0.31	ppb
Vanadium	51-2	50.00	49.89	47.63	49.17	2.72	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	99.14	99.52	99.47	99.38	0.21	ppb
Zirconium	90-1	49.57	49.82	49.78	49.73	0.27	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:23:07	DataFile Name :	010CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.88	48.13	48.87	48.63	0.88	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:26:37 DataFile Name : 011CALC_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2338.05	2562.87	2506.70	2469.21	4.74	ppb
Antimony	121-1	130.29	129.28	126.29	128.62	1.62	ppb
Arsenic	75-2	131.03	124.39	124.92	126.78	2.91	ppb
Barium	135-1	645.78	634.12	631.61	637.17	1.19	ppb
Barium	137-1	650.82	637.51	641.30	643.21	1.07	ppb
Beryllium	9-1	129.42	128.42	130.97	129.60	0.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	118.44	122.13	119.82	120.13	1.55	ppb
Boron	11-1	116.26	120.13	124.28	120.22	3.33	ppb
Cadmium	111-1	131.32	129.24	129.55	130.04	0.86	ppb
Cadmium	106-1	133.11	127.73	130.24	130.36	2.06	ppb
Cadmium	108-1	135.98	134.76	129.74	133.49	2.48	ppb
Calcium	43-1	12587.89	12375.88	12379.50	12447.76	0.98	ppb
Calcium	44-1	12691.50	12436.06	12444.84	12524.13	1.16	ppb
Chromium	52-2	120.98	121.14	121.43	121.18	0.19	ppb
Cobalt	59-2	120.46	121.25	118.85	120.18	1.02	ppb
Copper	63-2	239.28	238.71	237.90	238.63	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	6373.07	6336.76	6300.34	6336.72	0.57	ppb
Iron	57-2	6006.77	6281.25	5970.74	6086.25	2.79	ppb
Lead	206-1	122.60	123.61	121.69	122.63	0.78	ppb
Lead	207-1	121.34	122.29	119.76	121.13	1.06	ppb
Lead	208-1	121.74	122.74	120.02	121.50	1.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	12530.05	12506.86	12385.04	12473.98	0.62	ppb
Manganese	55-2	246.36	245.30	244.33	245.33	0.41	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:26:37	DataFile Name :	011CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	632.12	617.08	634.80	628.00	1.52	ppb
Molybdenum	95-1	638.54	626.27	638.50	634.44	1.11	ppb
Molybdenum	96-1	635.51	620.74	624.47	626.91	1.23	ppb
Molybdenum	97-1	633.07	615.72	623.04	623.94	1.40	ppb
Molybdenum	98-1	632.18	623.25	622.35	625.93	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.43	123.06	119.94	122.14	1.57	ppb
Phosphorus	31-2	2699.15	2402.79	2490.78	2530.91	6.01	ppb
Potassium	39-2	6427.94	6349.01	6216.73	6331.23	1.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	131.55	90.77	85.90	102.74	24.40	ppb
Selenium	78-2	139.02	150.08	135.40	141.50	5.41	ppb
Selenium	82-1	128.52	128.85	126.17	127.84	1.14	ppb
Silicon	28-1	180.82	169.01	171.37	173.73	3.60	ppb
Silver	109-1	134.16	132.03	131.64	132.61	1.02	ppb
Silver	107-1	133.37	131.59	131.50	132.15	0.80	ppb
Sodium	23-2	12727.17	12597.67	12475.49	12600.11	1.00	ppb
Strontium	86-1	124.34	122.29	124.34	123.66	0.96	ppb
Strontium	88-1	128.14	125.69	128.66	127.50	1.25	ppb
Sulfur	34-1	3097.28	2325.09	1892.39	2438.25	25.03	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	124.25	123.50	122.26	123.34	0.82	ppb
Thallium	205-1	124.93	126.99	123.29	125.07	1.48	ppb
Tin	118-1	128.41	128.32	126.40	127.71	0.89	ppb
Titanium	47-1	637.12	614.85	621.23	624.40	1.84	ppb
Uranium	238-1	125.26	123.54	121.65	123.48	1.46	ppb
Vanadium	51-2	122.83	119.26	120.47	120.86	1.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	237.81	242.42	241.49	240.57	1.01	ppb
Zirconium	90-1	126.23	122.42	124.12	124.25	1.54	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:26:37	DataFile Name :	011CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.28	120.97	121.46	121.57	0.54	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4911.31	5257.75	5082.81	5083.96	3.41	ppb
Antimony	121-1	261.27	259.42	254.29	258.33	1.40	ppb
Arsenic	75-2	252.77	255.65	255.84	254.75	0.68	ppb
Barium	135-1	1303.29	1288.35	1261.79	1284.48	1.64	ppb
Barium	137-1	1283.99	1290.76	1253.49	1276.08	1.56	ppb
Beryllium	9-1	259.99	254.20	256.29	256.83	1.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	245.09	243.47	253.99	247.51	2.29	ppb
Boron	11-1	247.20	246.60	250.54	248.12	0.86	ppb
Cadmium	111-1	258.22	261.01	259.79	259.67	0.54	ppb
Cadmium	106-1	254.04	262.56	263.31	259.97	1.98	ppb
Cadmium	108-1	260.32	257.74	252.31	256.79	1.59	ppb
Calcium	43-1	25066.64	25172.31	24879.82	25039.59	0.59	ppb
Calcium	44-1	24998.71	24837.19	24944.47	24926.79	0.33	ppb
Chromium	52-2	248.15	258.10	252.08	252.78	1.98	ppb
Cobalt	59-2	245.44	259.43	251.08	251.98	2.79	ppb
Copper	63-2	486.92	512.36	498.87	499.38	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	12600.56	13323.86	12889.61	12938.01	2.81	ppb
Iron	57-2	12336.10	13081.19	12778.40	12731.90	2.94	ppb
Lead	206-1	250.88	249.38	245.81	248.69	1.05	ppb
Lead	207-1	246.40	246.32	243.16	245.30	0.75	ppb
Lead	208-1	251.67	250.16	246.86	249.56	0.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	25206.78	26542.72	25719.77	25823.09	2.61	ppb
Manganese	55-2	499.97	526.54	504.30	510.27	2.79	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1265.31	1259.61	1274.98	1266.63	0.61	ppb
Molybdenum	95-1	1255.92	1263.61	1242.81	1254.11	0.84	ppb
Molybdenum	96-1	1237.11	1254.14	1253.03	1248.09	0.76	ppb
Molybdenum	97-1	1251.85	1259.69	1268.42	1259.98	0.66	ppb
Molybdenum	98-1	1223.42	1248.28	1244.59	1238.76	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.41	261.18	254.28	255.29	2.14	ppb
Phosphorus	31-2	5141.59	5106.84	5751.53	5333.32	6.80	ppb
Potassium	39-2	12693.10	13198.74	13069.35	12987.06	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	201.25	233.42	222.98	219.22	7.49	ppb
Selenium	78-2	257.43	260.33	234.22	250.66	5.71	ppb
Selenium	82-1	253.38	249.73	250.47	251.19	0.77	ppb
Silicon	28-1	267.89	260.16	257.35	261.80	2.09	ppb
Silver	109-1	264.40	264.64	261.94	263.66	0.57	ppb
Silver	107-1	266.55	264.92	262.54	264.67	0.76	ppb
Sodium	23-2	26036.25	27332.65	25841.02	26403.31	3.07	ppb
Strontium	86-1	244.95	244.93	246.70	245.52	0.41	ppb
Strontium	88-1	255.33	251.05	251.09	252.49	0.98	ppb
Sulfur	34-1	4794.31	4536.20	4323.92	4551.48	5.18	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	255.17	251.65	246.04	250.96	1.83	ppb
Thallium	205-1	255.33	253.75	251.08	253.39	0.85	ppb
Tin	118-1	257.23	254.51	251.81	254.52	1.07	ppb
Titanium	47-1	1255.38	1244.78	1248.96	1249.71	0.43	ppb
Uranium	238-1	249.45	247.39	243.98	246.94	1.12	ppb
Vanadium	51-2	247.24	259.61	251.70	252.85	2.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	493.76	515.27	504.68	504.57	2.13	ppb
Zirconium	90-1	253.35	251.46	253.13	252.65	0.41	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.67	242.54	245.36	243.86	0.58	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9988.83	10022.92	9931.42	9981.05	0.46	ppb
Antimony	121-1	505.65	509.93	504.81	506.80	0.54	ppb
Arsenic	75-2	503.61	500.27	493.39	499.09	1.04	ppb
Barium	135-1	2523.18	2555.34	2518.53	2532.35	0.79	ppb
Barium	137-1	2494.06	2556.95	2495.42	2515.48	1.43	ppb
Beryllium	9-1	501.43	495.04	498.76	498.41	0.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	476.70	485.10	484.13	481.97	0.95	ppb
Boron	11-1	473.80	481.84	495.52	483.72	2.27	ppb
Cadmium	111-1	502.95	510.65	504.27	505.96	0.81	ppb
Cadmium	106-1	510.82	515.08	496.10	507.33	1.96	ppb
Cadmium	108-1	508.66	508.45	504.84	507.32	0.42	ppb
Calcium	43-1	49839.29	49912.76	49730.48	49827.51	0.18	ppb
Calcium	44-1	49784.01	50081.15	49453.04	49772.73	0.63	ppb
Chromium	52-2	500.37	502.98	490.07	497.81	1.37	ppb
Cobalt	59-2	496.68	502.23	486.09	495.00	1.66	ppb
Copper	63-2	984.58	998.16	972.00	984.91	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	25567.16	25596.59	24922.64	25362.13	1.50	ppb
Iron	57-2	25258.79	25297.27	24440.37	24998.81	1.94	ppb
Lead	206-1	496.97	503.01	503.44	501.14	0.72	ppb
Lead	207-1	505.31	498.08	504.94	502.78	0.81	ppb
Lead	208-1	502.02	501.79	505.14	502.98	0.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	50805.17	51157.63	49605.81	50522.87	1.61	ppb
Manganese	55-2	999.85	1003.09	982.03	994.99	1.14	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2485.29	2537.46	2479.18	2500.64	1.28	ppb
Molybdenum	95-1	2461.93	2495.93	2491.43	2483.10	0.74	ppb
Molybdenum	96-1	2474.60	2497.58	2446.54	2472.91	1.03	ppb
Molybdenum	97-1	2488.91	2539.44	2483.23	2503.86	1.24	ppb
Molybdenum	98-1	2465.40	2503.82	2454.64	2474.62	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.55	505.16	489.93	497.21	1.54	ppb
Phosphorus	31-2	10207.52	10422.46	10065.10	10231.69	1.76	ppb
Potassium	39-2	25289.97	25509.47	24870.43	25223.29	1.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	511.39	510.50	493.51	505.13	1.99	ppb
Selenium	78-2	485.27	503.49	524.95	504.57	3.94	ppb
Selenium	82-1	501.22	504.27	493.59	499.69	1.10	ppb
Silicon	28-1	505.57	512.19	508.61	508.79	0.65	ppb
Silver	109-1	511.08	521.59	512.92	515.20	1.09	ppb
Silver	107-1	517.26	519.94	507.90	515.03	1.23	ppb
Sodium	23-2	51328.25	51533.43	50175.71	51012.46	1.43	ppb
Strontium	86-1	489.12	494.36	486.21	489.90	0.84	ppb
Strontium	88-1	492.84	502.33	489.62	494.93	1.33	ppb
Sulfur	34-1	9528.90	9867.01	9406.34	9600.75	2.49	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	503.89	505.66	508.66	506.07	0.48	ppb
Thallium	205-1	496.54	504.11	504.41	501.68	0.89	ppb
Tin	118-1	503.97	515.90	505.13	508.33	1.29	ppb
Titanium	47-1	2520.22	2562.39	2526.01	2536.21	0.90	ppb
Uranium	238-1	489.17	492.54	495.59	492.43	0.65	ppb
Vanadium	51-2	499.29	505.68	488.98	497.98	1.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	993.45	1011.91	971.53	992.30	2.04	ppb
Zirconium	90-1	494.24	500.94	495.74	496.97	0.71	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.31	492.22	484.86	487.13	0.91	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:36:40	DataFile Name :	014CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19467.47	19875.62	19695.70	19679.59	1.04	ppb
Antimony	121-1	997.25	994.27	990.38	993.97	0.35	ppb
Arsenic	75-2	994.36	999.09	1003.42	998.96	0.45	ppb
Barium	135-1	4999.32	4972.77	4947.95	4973.35	0.52	ppb
Barium	137-1	4977.47	5017.85	4954.10	4983.14	0.65	ppb
Beryllium	9-1	1000.80	1010.72	983.59	998.37	1.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	1017.42	1005.57	1008.28	1010.42	0.61	ppb
Boron	11-1	1004.46	1014.14	1009.20	1009.27	0.48	ppb
Cadmium	111-1	988.73	1000.15	992.57	993.82	0.58	ppb
Cadmium	106-1	994.38	1002.67	982.07	993.04	1.04	ppb
Cadmium	108-1	992.80	1002.78	984.73	993.44	0.91	ppb
Calcium	43-1	102659.80	101635.36	99698.10	101331.09	1.48	ppb
Calcium	44-1	100073.33	98728.87	98078.27	98960.16	1.03	ppb
Chromium	52-2	995.74	995.46	1011.47	1000.89	0.92	ppb
Cobalt	59-2	1001.26	996.80	1009.92	1002.66	0.67	ppb
Copper	63-2	2005.05	1987.71	2035.12	2009.29	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	50674.04	51043.83	51296.24	51004.70	0.61	ppb
Iron	57-2	50469.20	50089.53	50780.90	50446.54	0.69	ppb
Lead	206-1	991.90	1012.58	995.79	1000.09	1.10	ppb
Lead	207-1	994.82	1007.43	998.74	1000.33	0.65	ppb
Lead	208-1	996.63	1002.64	998.09	999.12	0.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	101894.06	101772.04	101439.15	101701.75	0.23	ppb
Manganese	55-2	2003.18	2000.05	1998.44	2000.56	0.12	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:36:40	DataFile Name :	014CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4960.33	5062.52	4962.48	4995.11	1.17	ppb
Molybdenum	95-1	4996.36	5035.98	4986.80	5006.38	0.52	ppb
Molybdenum	96-1	4985.81	5082.14	4973.83	5013.93	1.18	ppb
Molybdenum	97-1	4938.17	5093.08	4956.27	4995.84	1.70	ppb
Molybdenum	98-1	5042.84	5052.52	4951.32	5015.56	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.00	999.92	1007.46	1000.46	0.67	ppb
Phosphorus	31-2	20754.94	18866.13	19761.91	19794.33	4.77	ppb
Potassium	39-2	49370.86	49073.14	49576.23	49340.08	0.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				83		%
Selenium	77-2	1107.22	999.51	916.31	1007.68	9.50	ppb
Selenium	78-2	987.09	971.89	1027.69	995.56	2.90	ppb
Selenium	82-1	1001.96	1010.07	986.33	999.45	1.21	ppb
Silicon	28-1	1023.06	971.13	961.05	985.08	3.38	ppb
Silver	109-1	988.38	992.85	982.33	987.85	0.53	ppb
Silver	107-1	990.93	992.01	980.22	987.72	0.66	ppb
Sodium	23-2	100390.03	100119.67	101020.04	100509.92	0.46	ppb
Strontium	86-1	996.29	1021.42	1001.47	1006.39	1.32	ppb
Strontium	88-1	995.74	1017.17	991.86	1001.59	1.36	ppb
Sulfur	34-1	20962.54	20452.50	19474.44	20296.49	3.73	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	992.97	1006.16	991.73	996.95	0.80	ppb
Thallium	205-1	989.03	1005.15	1000.79	998.33	0.84	ppb
Tin	118-1	993.19	994.73	994.82	994.25	0.09	ppb
Titanium	47-1	5010.64	4964.52	4970.95	4982.04	0.50	ppb
Uranium	238-1	1008.83	1006.46	999.24	1004.84	0.50	ppb
Vanadium	51-2	1002.29	994.49	1005.80	1000.86	0.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1997.38	1999.98	2014.41	2003.92	0.46	ppb
Zirconium	90-1	992.94	1010.88	999.06	1000.96	0.91	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:36:40	DataFile Name :	014CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.31	1020.98	1005.12	1008.47	1.11	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:39:54	DataFile Name :	015CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100080.71	99606.79	100498.32	100061.94	0.45	ppb
Antimony	121-1	1.08	1.04	1.16	1.09	5.72	ppb
Arsenic	75-2	0.53	0.43	0.38	0.45	17.29	ppb
Barium	135-1	1.39	1.41	1.25	1.35	6.22	ppb
Barium	137-1	1.33	1.41	1.22	1.32	7.49	ppb
Beryllium	9-1	0.39	0.43	0.38	0.40	7.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	40.45	38.36	34.22	37.68	8.42	ppb
Boron	11-1	41.90	37.23	36.02	38.38	8.09	ppb
Cadmium	111-1	0.21	0.22	0.14	0.19	21.65	ppb
Cadmium	106-1	-0.24	0.81	-0.81	-0.08		ppb
Cadmium	108-1	0.05	0.09	0.09	0.07	30.80	ppb
Calcium	43-1	504951.49	494585.85	499712.83	499750.06	1.04	ppb
Calcium	44-1	503995.67	497315.85	499388.88	500233.47	0.68	ppb
Chromium	52-2	8.38	8.57	8.57	8.51	1.26	ppb
Cobalt	59-2	1.04	1.10	1.04	1.06	3.36	ppb
Copper	63-2	2.12	1.93	1.95	2.00	5.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	250266.10	248212.58	250737.45	249738.71	0.54	ppb
Iron	57-2	251297.93	248119.83	250293.77	249903.85	0.65	ppb
Lead	206-1	1.35	1.31	1.34	1.34	1.49	ppb
Lead	207-1	1.27	1.22	1.20	1.23	2.98	ppb
Lead	208-1	1.30	1.27	1.28	1.28	1.17	ppb
Lithium	6-1				91		%
Magnesium	24-2	499094.48	498871.52	500729.10	499565.03	0.20	ppb
Manganese	55-2	4.28	4.73	5.01	4.67	7.85	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:39:54	DataFile Name :	015CAL5_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.63	1.66	1.65	1.64	1.00	ppb
Molybdenum	95-1	2.48	2.26	2.33	2.36	4.60	ppb
Molybdenum	96-1	2.51	2.59	2.60	2.57	1.93	ppb
Molybdenum	97-1	2.03	2.20	1.93	2.06	6.68	ppb
Molybdenum	98-1	2.07	2.12	2.07	2.09	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.93	5.42	5.52	5.62	4.86	ppb
Phosphorus	31-2	119.91	-14.91	12.26	39.09	182.43	ppb
Potassium	39-2	249525.25	248367.49	252352.23	250081.66	0.82	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	6.30	2.10	173.21	ppb
Selenium	78-2	-0.95	-0.95	0.09	-0.61		ppb
Selenium	82-1	1.70	1.08	0.38	1.05	63.17	ppb
Silicon	28-1	74.68	76.09	76.36	75.71	1.19	ppb
Silver	109-1	0.08	0.07	0.07	0.07	9.62	ppb
Silver	107-1	0.07	0.07	0.08	0.07	7.48	ppb
Sodium	23-2	500140.28	494966.24	504059.92	499722.15	0.91	ppb
Strontium	86-1	32.51	32.96	32.95	32.81	0.79	ppb
Strontium	88-1	33.79	33.78	33.71	33.76	0.13	ppb
Sulfur	34-1	-2367.54	-2548.96	-2436.59	-2451.03		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.42	0.39	0.36	0.39	6.80	ppb
Thallium	205-1	0.37	0.37	0.39	0.38	2.66	ppb
Tin	118-1	1.00	0.87	0.89	0.92	7.82	ppb
Titanium	47-1	0.54	0.56	0.60	0.56	5.13	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.88	ppb
Vanadium	51-2	0.14	0.23	0.18	0.18	26.89	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	5.95	5.04	5.13	5.37	9.28	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	2.21	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:39:54	DataFile Name :	015CALS_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.08	0.08	23.32	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:03:06 DataFile Name : 016ICV_P8121317-MS .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	553.33	465.17	464.57	494.36	10.33	ppb
Antimony	121-1	194.53	191.99	194.82	193.78	0.80	ppb
Arsenic	75-2	192.28	197.92	198.15	196.12	1.70	ppb
Barium	135-1	98.66	97.80	98.42	98.29	0.45	ppb
Barium	137-1	97.43	97.37	97.69	97.50	0.17	ppb
Beryllium	9-1	99.72	98.27	97.84	98.61	1.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	523.79	528.54	552.54	534.96	2.88	ppb
Boron	11-1	527.21	530.97	545.52	534.57	1.81	ppb
Cadmium	111-1	103.84	102.09	102.29	102.74	0.93	ppb
Cadmium	106-1	162.61	164.95	161.09	162.88	1.19	ppb
Cadmium	108-1	130.90	132.40	132.22	131.84	0.62	ppb
Calcium	43-1	2160.27	2106.58	2161.79	2142.88	1.47	ppb
Calcium	44-1	2073.16	2085.01	2061.38	2073.18	0.57	ppb
Chromium	52-2	94.92	94.54	92.53	94.00	1.37	ppb
Cobalt	59-2	97.03	94.29	95.52	95.61	1.44	ppb
Copper	63-2	95.85	93.64	95.29	94.93	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	977.99	965.69	969.14	970.94	0.65	ppb
Iron	57-2	980.95	963.11	998.81	980.96	1.82	ppb
Lead	206-1	192.25	194.51	191.66	192.81	0.78	ppb
Lead	207-1	183.60	183.30	182.71	183.20	0.25	ppb
Lead	208-1	194.32	193.27	191.85	193.15	0.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	1195.78	1171.45	1138.03	1168.42	2.48	ppb
Manganese	55-2	97.78	94.08	94.47	95.44	2.13	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:03:06	DataFile Name :	016ICV_P8121317-MS .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1283.48	1291.51	1290.50	1288.49	0.34	ppb
Molybdenum	95-1	566.40	568.83	569.53	568.26	0.29	ppb
Molybdenum	96-1	650.76	658.74	656.67	655.39	0.63	ppb
Molybdenum	97-1	546.95	560.42	557.40	554.92	1.27	ppb
Molybdenum	98-1	555.88	569.29	565.06	563.41	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.52	95.97	97.09	96.19	0.84	ppb
Phosphorus	31-2	10.02	9.72	-14.91	1.61	888.44	ppb
Potassium	39-2	1930.58	1949.95	1799.62	1893.39	4.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	220.46	190.92	285.40	232.26	20.81	ppb
Selenium	78-2	203.60	205.77	215.93	208.43	3.16	ppb
Selenium	82-1	194.18	198.71	195.89	196.26	1.17	ppb
Silicon	28-1	584.37	584.06	572.06	580.16	1.21	ppb
Silver	109-1	99.71	98.91	99.55	99.39	0.43	ppb
Silver	107-1	100.11	98.98	99.66	99.58	0.57	ppb
Sodium	23-2	2009.05	2006.85	2009.52	2008.48	0.07	ppb
Strontium	86-1	547.74	552.61	548.19	549.51	0.49	ppb
Strontium	88-1	554.35	560.27	554.15	556.26	0.62	ppb
Sulfur	34-1	-1174.77	-1348.33	-1612.80	-1378.64		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	193.33	194.52	195.61	194.49	0.59	ppb
Thallium	205-1	199.69	201.60	200.17	200.49	0.49	ppb
Tin	118-1	588.47	578.39	572.61	579.82	1.38	ppb
Titanium	47-1	567.54	563.80	560.99	564.11	0.58	ppb
Uranium	238-1	568.15	564.90	565.63	566.23	0.30	ppb
Vanadium	51-2	93.90	95.08	93.46	94.15	0.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	193.06	192.03	195.03	193.37	0.79	ppb
Zirconium	90-1	578.62	584.62	579.28	580.84	0.57	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:03:06	DataFile Name :	016ICV_P8121317-MS .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	563.14	570.41	566.17	566.57	0.64	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:11:42 DataFile Name : 017CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.25	-5.00	-5.00	-4.42		ppb
Antimony	121-1	0.10	0.13	0.12	0.12	12.52	ppb
Arsenic	75-2	0.04	0.04	0.06	0.05	28.84	ppb
Barium	135-1	0.01	0.02	0.01	0.01	46.31	ppb
Barium	137-1	0.01	0.01	0.02	0.01	39.61	ppb
Beryllium	9-1	0.01	0.05	0.00	0.02	124.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	7.88	7.64	4.78	6.77	25.47	ppb
Boron	11-1	8.02	7.64	7.06	7.57	6.37	ppb
Cadmium	111-1	0.00	0.08	-0.08	0.00		ppb
Cadmium	106-1	-0.51	0.83	-1.50	-0.39		ppb
Cadmium	108-1	-0.16	-0.12	-0.16	-0.14		ppb
Calcium	43-1	-14.10	-12.51	-19.10	-15.24		ppb
Calcium	44-1	-10.64	-11.30	-11.21	-11.05		ppb
Chromium	52-2	0.03	0.05	-0.01	0.03	110.66	ppb
Cobalt	59-2	0.00	0.01	-0.02	0.00		ppb
Copper	63-2	0.00	-0.01	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	-0.13	-0.04	-0.14	-0.10		ppb
Iron	57-2	0.33	0.36	-0.69	0.00		ppb
Lead	206-1	0.00	0.01	0.00	0.00	301.56	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	146.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.29	1.16	-1.20	0.08	1419.40	ppb
Manganese	55-2	0.03	0.07	-0.01	0.03	119.76	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:11:42	DataFile Name :	017CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	1.10	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	13.15	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	9.72	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	44.24	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	21.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.10	-0.09		ppb
Phosphorus	31-2	9.01	-14.91	-14.91	-6.94		ppb
Potassium	39-2	5.12	-41.30	7.98	-9.40		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.95	-0.95	-0.63		ppb
Selenium	82-1	-0.24	0.00	0.79	0.18	291.14	ppb
Silicon	28-1	-28.26	-30.28	-30.97	-29.84		ppb
Silver	109-1	0.00	-0.01	0.01	0.00	1221.04	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	24.33	29.79	27.12	27.08	10.07	ppb
Strontium	86-1	-0.04	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1213.66	-1256.32	-1222.06	-1230.68		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.22	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	30.13	ppb
Tin	118-1	0.01	0.01	0.03	0.02	61.60	ppb
Titanium	47-1	-0.03	0.05	-0.01	0.00	1336.06	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	58.31	ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	677.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.00	0.37	0.04	0.14	152.33	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	3505.84	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:11:42	DataFile Name :	017CCBE_P8121317-MS

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:14:54 DataFile Name : 018ICSA_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92061.48	92966.29	89135.89	91387.89	2.19	ppb
Antimony	121-1	1.15	1.11	1.24	1.17	5.61	ppb
Arsenic	75-2	0.58	0.37	0.35	0.43	29.67	ppb
Barium	135-1	1.56	1.43	1.49	1.49	4.55	ppb
Barium	137-1	1.54	1.46	1.47	1.49	2.78	ppb
Beryllium	9-1	0.38	0.34	0.34	0.35	6.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	7.86	7.48	7.21	7.52	4.33	ppb
Boron	11-1	7.94	7.49	7.34	7.59	4.13	ppb
Cadmium	111-1	0.21	0.28	0.33	0.27	21.59	ppb
Cadmium	106-1	-1.22	-0.84	0.51	-0.52		ppb
Cadmium	108-1	6.45	6.00	6.20	6.21	3.62	ppb
Calcium	43-1	98240.35	98464.90	97568.55	98091.27	0.48	ppb
Calcium	44-1	98209.03	97055.04	96270.62	97178.23	1.00	ppb
Chromium	52-2	20.32	19.48	19.57	19.79	2.34	ppb
Cobalt	59-2	1.02	1.22	1.11	1.12	8.95	ppb
Copper	63-2	7.82	8.01	7.46	7.76	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	101328.18	101409.45	97743.31	100160.31	2.09	ppb
Iron	57-2	99234.65	100189.28	96852.84	98758.93	1.74	ppb
Lead	206-1	4.89	4.76	4.85	4.83	1.34	ppb
Lead	207-1	4.12	4.22	4.19	4.18	1.13	ppb
Lead	208-1	4.44	4.40	4.37	4.40	0.88	ppb
Lithium	6-1				94		%
Magnesium	24-2	100563.87	100727.45	97731.71	99674.34	1.69	ppb
Manganese	55-2	7.60	7.54	7.31	7.48	2.04	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:14:54	DataFile Name :	018ICSA_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1365.77	1371.41	1365.23	1367.47	0.25	ppb
Molybdenum	95-1	1949.47	1935.52	1940.90	1941.97	0.36	ppb
Molybdenum	96-1	1856.75	1869.22	1845.87	1857.28	0.63	ppb
Molybdenum	97-1	1954.29	1935.39	1964.86	1951.51	0.77	ppb
Molybdenum	98-1	1934.30	1922.81	1923.57	1926.90	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	4.92	5.44	5.13	5.31	ppb
Phosphorus	31-2	95754.91	96531.51	93616.66	95301.03	1.58	ppb
Potassium	39-2	98757.98	99863.27	95033.00	97884.75	2.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	0.06	0.07	-0.28		ppb
Selenium	82-1	-0.23	0.49	1.03	0.43	145.88	ppb
Silicon	28-1	9.21	3.99	2.68	5.29	65.26	ppb
Silver	109-1	0.08	0.09	0.11	0.09	19.87	ppb
Silver	107-1	0.10	0.10	0.11	0.11	6.01	ppb
Sodium	23-2	99547.30	100382.20	95962.52	98630.67	2.38	ppb
Strontium	86-1	33.05	32.80	33.08	32.98	0.47	ppb
Strontium	88-1	33.64	33.88	33.91	33.81	0.44	ppb
Sulfur	34-1	92469.48	89604.30	89833.87	90635.88	1.76	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.18	0.18	0.17	4.96	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	3.84	ppb
Tin	118-1	0.18	0.16	0.22	0.19	16.75	ppb
Titanium	47-1	2007.53	1997.08	1970.65	1991.75	0.95	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.86	ppb
Vanadium	51-2	0.15	0.16	0.14	0.15	7.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	11.77	11.97	11.47	11.74	2.15	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.46	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:14:54	DataFile Name :	018ICSA_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.03	0.03	17.70	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:18:01 DataFile Name : 019ICSB_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88842.02	90621.76	89432.76	89632.18	1.01	ppb
Antimony	121-1	20.54	20.95	20.74	20.75	0.99	ppb
Arsenic	75-2	19.21	19.11	18.91	19.07	0.80	ppb
Barium	135-1	20.86	21.34	21.54	21.25	1.66	ppb
Barium	137-1	21.13	21.40	20.76	21.09	1.53	ppb
Beryllium	9-1	19.67	19.85	20.57	20.03	2.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	68.75	64.90	76.35	70.00	8.32	ppb
Boron	11-1	66.51	69.86	71.58	69.32	3.72	ppb
Cadmium	111-1	20.16	20.13	20.25	20.18	0.30	ppb
Cadmium	106-1	27.28	22.70	25.25	25.08	9.16	ppb
Cadmium	108-1	26.29	28.42	27.02	27.24	3.97	ppb
Calcium	43-1	96921.57	97777.08	99461.52	98053.39	1.32	ppb
Calcium	44-1	96645.98	97191.24	97482.85	97106.69	0.44	ppb
Chromium	52-2	38.35	37.92	39.19	38.49	1.67	ppb
Cobalt	59-2	20.30	20.01	20.74	20.35	1.79	ppb
Copper	63-2	26.23	27.11	27.04	26.80	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	96206.18	98174.36	96471.32	96950.62	1.10	ppb
Iron	57-2	95698.10	96363.36	95816.07	95959.17	0.37	ppb
Lead	206-1	24.74	24.67	24.77	24.73	0.21	ppb
Lead	207-1	22.57	22.31	22.75	22.55	0.98	ppb
Lead	208-1	23.32	23.20	23.42	23.31	0.47	ppb
Lithium	6-1				92		%
Magnesium	24-2	96979.26	98083.93	96283.01	97115.40	0.94	ppb
Manganese	55-2	27.47	26.41	27.73	27.20	2.58	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:18:01	DataFile Name :	019ICSB_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1482.91	1486.70	1501.82	1490.48	0.67	ppb
Molybdenum	95-1	1959.39	1960.32	1977.27	1965.66	0.51	ppb
Molybdenum	96-1	1887.18	1901.69	1922.75	1903.87	0.94	ppb
Molybdenum	97-1	1973.06	1972.14	2007.68	1984.29	1.02	ppb
Molybdenum	98-1	1936.02	1926.68	1966.41	1943.04	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.75	25.63	24.27	24.55	3.96	ppb
Phosphorus	31-2	97192.23	99789.26	97409.66	98130.38	1.47	ppb
Potassium	39-2	95516.69	96813.95	96471.19	96267.28	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	12.20	12.32	18.32	14.28	24.50	ppb
Selenium	78-2	25.27	19.41	14.20	19.63	28.22	ppb
Selenium	82-1	19.10	19.21	20.57	19.62	4.19	ppb
Silicon	28-1	95.34	96.33	98.74	96.80	1.81	ppb
Silver	109-1	18.52	18.42	18.66	18.53	0.64	ppb
Silver	107-1	18.69	18.75	18.89	18.78	0.55	ppb
Sodium	23-2	94900.57	96545.15	96097.45	95847.72	0.89	ppb
Strontium	86-1	92.41	93.22	95.48	93.70	1.70	ppb
Strontium	88-1	95.92	97.84	98.93	97.56	1.56	ppb
Sulfur	34-1	88402.92	88077.66	90074.47	88851.68	1.21	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	19.63	20.32	20.08	20.01	1.75	ppb
Thallium	205-1	20.07	20.44	20.47	20.32	1.09	ppb
Tin	118-1	62.35	63.21	62.95	62.84	0.70	ppb
Titanium	47-1	2014.74	2054.67	2053.83	2041.08	1.12	ppb
Uranium	238-1	63.57	63.95	64.13	63.88	0.45	ppb
Vanadium	51-2	19.88	18.57	19.34	19.26	3.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	31.06	30.04	30.68	30.59	1.68	ppb
Zirconium	90-1	65.32	66.16	66.23	65.90	0.77	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:18:01	DataFile Name :	019ICSB_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	64.09	65.57	65.01	64.89	1.15	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50288.96	51313.21	50278.26	50626.81	1.17	ppb
Antimony	121-1	534.30	534.21	511.07	526.53	2.54	ppb
Arsenic	75-2	505.35	504.53	508.19	506.02	0.38	ppb
Barium	135-1	2671.45	2696.15	2564.52	2644.04	2.65	ppb
Barium	137-1	2648.79	2661.04	2543.03	2617.62	2.48	ppb
Beryllium	9-1	537.27	555.27	518.62	537.05	3.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	523.56	537.40	513.20	524.72	2.31	ppb
Boron	11-1	522.92	539.22	518.43	526.86	2.08	ppb
Cadmium	111-1	520.80	522.54	498.96	514.10	2.56	ppb
Cadmium	106-1	526.68	524.25	512.18	521.04	1.49	ppb
Cadmium	108-1	524.30	522.55	506.21	517.68	1.93	ppb
Calcium	43-1	257681.73	267130.55	254958.02	259923.44	2.46	ppb
Calcium	44-1	257953.35	269842.11	251986.18	259927.21	3.50	ppb
Chromium	52-2	503.30	521.63	507.08	510.67	1.89	ppb
Cobalt	59-2	488.41	508.75	489.40	495.52	2.31	ppb
Copper	63-2	948.50	985.02	949.80	961.11	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	122825.84	127542.39	123104.14	124490.79	2.13	ppb
Iron	57-2	122327.69	126917.24	122152.92	123799.28	2.18	ppb
Lead	206-1	539.02	542.99	519.37	533.79	2.37	ppb
Lead	207-1	544.66	546.32	518.26	536.42	2.94	ppb
Lead	208-1	545.07	543.82	519.77	536.22	2.66	ppb
Lithium	6-1				88		%
Magnesium	24-2	252285.44	260395.54	249070.50	253917.16	2.30	ppb
Manganese	55-2	1007.44	1030.20	1001.64	1013.09	1.49	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2629.48	2703.28	2542.90	2625.22	3.06	ppb
Molybdenum	95-1	2634.55	2689.89	2544.95	2623.13	2.79	ppb
Molybdenum	96-1	2629.24	2694.97	2544.32	2622.84	2.88	ppb
Molybdenum	97-1	2638.73	2726.53	2559.82	2641.69	3.16	ppb
Molybdenum	98-1	2621.63	2659.84	2522.07	2601.18	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.00	499.76	488.44	491.73	1.42	ppb
Phosphorus	31-2	9981.51	10280.15	9772.97	10011.54	2.55	ppb
Potassium	39-2	128875.51	132350.37	127998.64	129741.51	1.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	525.30	437.48	562.15	508.31	12.60	ppb
Selenium	78-2	553.30	496.13	505.14	518.19	5.93	ppb
Selenium	82-1	518.22	528.95	496.56	514.58	3.21	ppb
Silicon	28-1	533.30	564.52	519.39	539.07	4.29	ppb
Silver	109-1	526.63	527.12	502.35	518.70	2.73	ppb
Silver	107-1	527.69	524.73	506.24	519.55	2.24	ppb
Sodium	23-2	251330.01	258640.04	248584.10	252851.38	2.06	ppb
Strontium	86-1	531.00	540.87	513.68	528.52	2.60	ppb
Strontium	88-1	537.19	548.43	520.74	535.45	2.60	ppb
Sulfur	34-1	9886.15	11348.73	9264.45	10166.44	10.53	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	543.99	542.14	515.88	534.00	2.94	ppb
Thallium	205-1	537.46	535.34	517.83	530.21	2.03	ppb
Tin	118-1	528.16	535.76	513.47	525.80	2.16	ppb
Titanium	47-1	2625.07	2746.70	2594.35	2655.37	3.03	ppb
Uranium	238-1	547.33	544.45	518.08	536.62	3.00	ppb
Vanadium	51-2	501.36	523.62	503.20	509.40	2.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	972.17	1006.83	973.76	984.25	1.99	ppb
Zirconium	90-1	534.70	544.36	509.55	529.54	3.39	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.87	531.19	505.18	519.41	2.54	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : CCB062 Instrumnet Name : P8
 Client Sample ID : CCB062 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:24:14 DataFile Name : 021CCBE_P8121317-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.28	-1.20	0.53	-0.65		ppb
Antimony	121-1	0.23	0.23	0.25	0.24	4.97	ppb
Arsenic	75-2	0.04	-0.01	0.11	0.05	124.47	ppb
Barium	135-1	0.07	0.02	0.04	0.04	53.77	ppb
Barium	137-1	0.08	0.05	0.02	0.05	67.36	ppb
Beryllium	9-1	0.23	0.19	0.13	0.18	25.89	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	16.80	13.05	13.48	14.44	14.21	ppb
Boron	11-1	13.78	14.73	13.85	14.12	3.74	ppb
Cadmium	111-1	-0.05	0.00	0.01	-0.01		ppb
Cadmium	106-1	-1.28	-0.67	-0.47	-0.81		ppb
Cadmium	108-1	-0.12	0.05	0.00	-0.02		ppb
Calcium	43-1	10.19	15.01	1.89	9.03	73.50	ppb
Calcium	44-1	4.99	4.34	-0.11	3.08	90.23	ppb
Chromium	52-2	-0.04	-0.09	-0.02	-0.05		ppb
Cobalt	59-2	-0.02	0.01	-0.02	-0.01		ppb
Copper	63-2	0.13	0.09	0.05	0.09	46.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	3.50	2.74	2.20	2.81	23.27	ppb
Iron	57-2	3.27	4.54	3.76	3.86	16.57	ppb
Lead	206-1	0.09	0.07	0.05	0.07	30.20	ppb
Lead	207-1	0.09	0.08	0.07	0.08	15.12	ppb
Lead	208-1	0.10	0.08	0.07	0.08	16.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.15	7.00	2.79	4.65	46.17	ppb
Manganese	55-2	0.04	0.06	0.00	0.03	101.56	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:24:14	DataFile Name :	021CCBE_P8121317-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.26	0.25	0.28	13.77	ppb
Molybdenum	95-1	0.35	0.34	0.29	0.33	10.75	ppb
Molybdenum	96-1	0.38	0.32	0.27	0.32	18.03	ppb
Molybdenum	97-1	0.42	0.40	0.28	0.37	20.30	ppb
Molybdenum	98-1	0.40	0.34	0.27	0.34	17.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.02	-0.08	0.01	1459.97	ppb
Phosphorus	31-2	-14.91	36.96	10.19	10.74	241.42	ppb
Potassium	39-2	9.52	3.15	-2.92	3.25	191.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.05	1.02	0.37	153.03	ppb
Selenium	82-1	0.27	0.00	-0.16	0.04	586.25	ppb
Silicon	28-1	-34.32	-36.72	-38.44	-36.49		ppb
Silver	109-1	0.04	0.03	0.02	0.03	33.67	ppb
Silver	107-1	0.03	0.02	0.03	0.03	9.06	ppb
Sodium	23-2	96.55	93.68	77.93	89.39	11.21	ppb
Strontium	86-1	0.02	-0.04	0.01	0.00		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	35.13	ppb
Sulfur	34-1	-2604.03	-2236.38	-2667.98	-2502.80		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.14	0.08	0.12	27.35	ppb
Thallium	205-1	0.13	0.11	0.11	0.12	12.52	ppb
Tin	118-1	0.07	0.10	0.12	0.10	22.18	ppb
Titanium	47-1	0.07	0.04	0.18	0.10	72.82	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	54.63	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	212.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.45	0.37	0.50	0.44	15.19	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	29.35	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:24:14	DataFile Name :	021CCBE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.01	0.01	152.11	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.71	21.01	11.76	16.83	27.87	ppb
Antimony	121-1	1.96	1.93	1.93	1.94	0.74	ppb
Arsenic	75-2	0.69	1.09	0.76	0.85	24.82	ppb
Barium	135-1	9.21	9.09	9.26	9.19	0.92	ppb
Barium	137-1	9.05	9.05	9.47	9.19	2.64	ppb
Beryllium	9-1	1.05	1.11	1.02	1.06	4.15	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	26.72	29.11	27.95	27.93	4.29	ppb
Boron	11-1	27.25	28.84	28.86	28.32	3.26	ppb
Cadmium	111-1	0.84	0.92	0.98	0.91	7.26	ppb
Cadmium	106-1	-1.14	-0.25	0.47	-0.30		ppb
Cadmium	108-1	0.69	0.84	0.56	0.70	20.28	ppb
Calcium	43-1	435.18	452.46	428.93	438.86	2.78	ppb
Calcium	44-1	443.83	443.60	445.71	444.38	0.26	ppb
Chromium	52-2	2.14	1.99	2.01	2.04	3.92	ppb
Cobalt	59-2	0.98	0.89	0.97	0.95	4.97	ppb
Copper	63-2	1.88	2.02	1.87	1.92	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	50.21	49.73	51.06	50.33	1.34	ppb
Iron	57-2	55.07	46.84	46.95	49.62	9.51	ppb
Lead	206-1	1.08	1.01	0.97	1.02	5.12	ppb
Lead	207-1	0.93	0.97	1.00	0.97	3.62	ppb
Lead	208-1	0.98	0.98	0.98	0.98	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	478.78	483.65	477.63	480.02	0.67	ppb
Manganese	55-2	0.83	1.11	0.94	0.96	14.53	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.51	4.69	4.57	2.35	ppb
Molybdenum	95-1	4.60	4.64	4.59	4.61	0.59	ppb
Molybdenum	96-1	4.57	4.68	4.60	4.62	1.26	ppb
Molybdenum	97-1	4.71	4.56	4.49	4.59	2.46	ppb
Molybdenum	98-1	4.58	4.74	4.61	4.64	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.11	0.84	1.03	15.80	ppb
Phosphorus	31-2	88.26	35.75	10.46	44.83	88.54	ppb
Potassium	39-2	517.78	491.37	489.30	499.48	3.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.05	2.04	7.03	4.04	65.21	ppb
Selenium	82-1	4.35	5.93	5.24	5.17	15.35	ppb
Silicon	28-1	-21.55	-25.16	-22.82	-23.18		ppb
Silver	109-1	1.00	0.99	0.97	0.99	1.79	ppb
Silver	107-1	0.95	0.96	0.95	0.95	0.84	ppb
Sodium	23-2	554.69	529.23	549.60	544.51	2.47	ppb
Strontium	86-1	0.91	0.93	0.94	0.93	1.31	ppb
Strontium	88-1	0.95	0.94	0.91	0.94	2.23	ppb
Sulfur	34-1	-2791.59	-2852.15	-2525.57	-2723.10		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.93	0.96	0.99	0.96	3.24	ppb
Thallium	205-1	0.96	0.89	0.95	0.93	4.15	ppb
Tin	118-1	4.70	4.94	4.62	4.75	3.54	ppb
Titanium	47-1	4.68	4.31	4.36	4.45	4.57	ppb
Uranium	238-1	0.88	0.89	0.86	0.88	1.58	ppb
Vanadium	51-2	4.60	4.40	4.61	4.54	2.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	2.47	2.26	2.07	2.27	8.92	ppb
Zirconium	90-1	0.93	0.95	0.98	0.95	2.71	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.94	0.93	0.93	0.64	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : PB104965BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:30:36 DataFile Name : 023CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.50	-3.13	-1.30	-0.64		ppb
Antimony	121-1	0.04	0.05	0.03	0.04	35.12	ppb
Arsenic	75-2	0.04	0.02	0.06	0.04	59.15	ppb
Barium	135-1	0.03	0.01	0.02	0.02	44.13	ppb
Barium	137-1	0.03	0.01	0.01	0.02	63.69	ppb
Beryllium	9-1	0.06	0.08	0.00	0.05	85.96	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	4.65	5.39	2.91	4.32	29.45	ppb
Boron	11-1	4.60	5.34	5.05	4.99	7.52	ppb
Cadmium	111-1	-0.02	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-0.46	-1.06	-0.63	-0.71		ppb
Cadmium	108-1	-0.16	-0.12	-0.12	-0.13		ppb
Calcium	43-1	-6.45	-6.62	-6.29	-6.45		ppb
Calcium	44-1	-8.24	-5.05	-9.17	-7.49		ppb
Chromium	52-2	0.03	-0.05	0.00	0.00		ppb
Cobalt	59-2	-0.01	0.01	-0.02	-0.01		ppb
Copper	63-2	0.00	0.01	0.02	0.01	133.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	1.26	1.70	2.06	1.67	24.16	ppb
Iron	57-2	6.11	0.53	1.05	2.56	120.28	ppb
Lead	206-1	0.03	0.01	0.04	0.02	70.67	ppb
Lead	207-1	0.01	0.02	0.01	0.01	46.05	ppb
Lead	208-1	0.02	0.02	0.03	0.02	33.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.26	-0.38	-0.05	1.28	202.68	ppb
Manganese	55-2	-0.02	0.02	0.00	0.00		ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:30:36	DataFile Name :	023CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.03	0.04	29.36	ppb
Molybdenum	95-1	0.06	0.06	0.04	0.05	24.53	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.06	17.61	ppb
Molybdenum	97-1	0.02	0.04	0.05	0.04	40.31	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	24.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	-9.67	2.12	17.05	3.17	423.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	1.05	2.06	1.05	95.24	ppb
Selenium	82-1	-0.41	0.73	0.14	0.16	366.64	ppb
Silicon	28-1	-40.07	-42.95	-43.06	-42.03		ppb
Silver	109-1	0.01	0.00	0.01	0.01	46.26	ppb
Silver	107-1	0.01	0.00	0.01	0.01	77.92	ppb
Sodium	23-2	50.37	59.08	51.62	53.69	8.77	ppb
Strontium	86-1	0.04	0.08	-0.02	0.03	165.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2427.59	-2745.53	-2565.28	-2579.47		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.01	0.02	0.02	42.81	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.70	ppb
Tin	118-1	-0.02	0.02	-0.01	0.00		ppb
Titanium	47-1	0.11	0.04	-0.01	0.05	134.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	341.10	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	41.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	-0.16	-0.16	0.02	-0.10		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	1371.87	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:30:36	DataFile Name :	023CCBE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	-0.01	0.00	295.21	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.37	35.66	39.66	35.56	11.66	ppb
Antimony	121-1	3.81	3.85	3.85	3.84	0.64	ppb
Arsenic	75-2	1.95	1.67	2.33	1.99	16.67	ppb
Barium	135-1	18.70	19.00	18.58	18.76	1.15	ppb
Barium	137-1	18.73	18.36	18.76	18.62	1.20	ppb
Beryllium	9-1	2.04	1.97	1.83	1.95	5.58	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	45.39	49.16	46.40	46.99	4.15	ppb
Boron	11-1	47.02	48.16	47.15	47.44	1.32	ppb
Cadmium	111-1	1.84	2.07	1.93	1.94	5.84	ppb
Cadmium	106-1	0.29	2.69	0.96	1.31	94.39	ppb
Cadmium	108-1	1.56	1.77	2.60	1.97	27.83	ppb
Calcium	43-1	947.78	898.53	941.39	929.23	2.88	ppb
Calcium	44-1	931.61	914.11	924.19	923.30	0.95	ppb
Chromium	52-2	4.23	4.07	3.62	3.97	7.86	ppb
Cobalt	59-2	1.87	1.87	1.91	1.88	1.09	ppb
Copper	63-2	3.94	3.90	3.77	3.87	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	444.51	459.17	456.22	453.30	1.71	ppb
Iron	57-2	437.74	451.49	450.80	446.68	1.73	ppb
Lead	206-1	1.88	1.93	1.88	1.90	1.66	ppb
Lead	207-1	1.81	1.79	1.86	1.82	1.88	ppb
Lead	208-1	1.87	1.89	1.87	1.88	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	961.84	992.94	943.66	966.14	2.58	ppb
Manganese	55-2	1.83	2.27	1.87	1.99	12.13	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.01	9.10	9.38	9.50	4.92	ppb
Molybdenum	95-1	9.07	9.05	9.57	9.23	3.18	ppb
Molybdenum	96-1	9.49	9.18	9.25	9.31	1.76	ppb
Molybdenum	97-1	9.43	8.86	9.60	9.29	4.15	ppb
Molybdenum	98-1	9.42	9.34	9.33	9.36	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.86	1.94	1.95	4.61	ppb
Phosphorus	31-2	59.44	10.27	35.83	35.18	69.92	ppb
Potassium	39-2	952.90	946.68	951.77	950.45	0.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	5.98	12.13	5.95	8.02	44.35	ppb
Selenium	78-2	9.94	10.07	6.92	8.98	19.82	ppb
Selenium	82-1	10.07	10.58	8.93	9.86	8.58	ppb
Silicon	28-1	-3.77	-1.82	-2.74	-2.78		ppb
Silver	109-1	2.06	1.98	1.93	1.99	3.17	ppb
Silver	107-1	1.94	1.88	1.96	1.92	2.15	ppb
Sodium	23-2	972.87	1027.72	1038.79	1013.13	3.48	ppb
Strontium	86-1	1.77	1.88	1.74	1.79	4.14	ppb
Strontium	88-1	1.99	1.90	1.92	1.94	2.65	ppb
Sulfur	34-1	-2513.90	-2603.64	-2611.82	-2576.46		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	1.87	1.83	1.79	1.83	2.02	ppb
Thallium	205-1	1.92	1.89	1.91	1.90	0.83	ppb
Tin	118-1	9.35	9.59	9.32	9.42	1.61	ppb
Titanium	47-1	9.70	9.59	9.49	9.59	1.12	ppb
Uranium	238-1	1.82	1.83	1.84	1.83	0.55	ppb
Vanadium	51-2	9.21	9.55	9.57	9.44	2.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	3.94	4.88	3.43	4.08	18.04	ppb
Zirconium	90-1	1.97	1.98	1.89	1.95	2.74	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.86	1.85	1.82	3.86	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : PB104967BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:36:58 DataFile Name : 025CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.17	0.49	-1.27	-1.31		ppb
Antimony	121-1	0.02	0.02	0.03	0.03	17.14	ppb
Arsenic	75-2	0.02	0.02	0.04	0.02	56.17	ppb
Barium	135-1	0.00	0.01	0.00	0.00	143.15	ppb
Barium	137-1	0.00	0.01	0.01	0.00	141.59	ppb
Beryllium	9-1	0.08	0.03	-0.02	0.03	170.01	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	6.35	5.45	3.26	5.02	31.73	ppb
Boron	11-1	5.63	4.93	5.13	5.23	6.80	ppb
Cadmium	111-1	-0.04	-0.04	0.09	0.00	2466.13	ppb
Cadmium	106-1	-0.80	-0.65	1.12	-0.11		ppb
Cadmium	108-1	-0.16	-0.12	-0.12	-0.13		ppb
Calcium	43-1	-2.59	-8.41	-9.37	-6.79		ppb
Calcium	44-1	-7.22	-8.09	-10.59	-8.64		ppb
Chromium	52-2	-0.04	0.07	-0.03	0.00		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	0.01	0.02	59.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	0.78	0.57	1.36	0.90	45.42	ppb
Iron	57-2	-1.16	-0.08	-0.03	-0.43		ppb
Lead	206-1	0.01	0.03	0.00	0.01	99.88	ppb
Lead	207-1	0.00	0.00	0.01	0.00	304.39	ppb
Lead	208-1	0.01	0.02	0.01	0.01	61.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.52	0.27	2.52	1.44	78.46	ppb
Manganese	55-2	0.04	0.09	0.06	0.06	47.10	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:36:58	DataFile Name :	025CCBE_P8121317-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	59.49	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	47.15	ppb
Molybdenum	96-1	0.02	0.04	0.02	0.03	42.11	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	99.28	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	38.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.13	-0.04	-0.07		ppb
Phosphorus	31-2	-14.91	60.00	-14.91	10.06	430.05	ppb
Potassium	39-2	2.78	5.83	-14.93	-2.11		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	1.06	0.05	0.05	1905.57	ppb
Selenium	82-1	0.50	-0.06	0.45	0.30	103.11	ppb
Silicon	28-1	-39.80	-39.90	-41.78	-40.49		ppb
Silver	109-1	0.01	0.00	0.00	0.00	86.70	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	42.59	44.56	49.82	45.66	8.18	ppb
Strontium	86-1	0.04	-0.01	-0.07	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	115.64	ppb
Sulfur	34-1	-2071.00	-2151.60	-2232.40	-2151.67		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.02	0.01	0.01	98.45	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	24.42	ppb
Tin	118-1	-0.03	-0.02	0.01	-0.01		ppb
Titanium	47-1	-0.04	0.08	-0.01	0.01	691.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	22.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	-0.23	-0.08	-0.04	-0.12		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	84.58	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:36:58	DataFile Name :	025CCBE_P8121317-MS

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : PB104967BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:40:09 DataFile Name : 026LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.25	30.74	27.02	32.67	20.89	ppb
Antimony	121-1	3.69	3.60	3.63	3.64	1.27	ppb
Arsenic	75-2	1.71	2.00	1.75	1.82	8.43	ppb
Barium	135-1	19.31	18.43	18.69	18.81	2.39	ppb
Barium	137-1	18.48	18.59	18.15	18.41	1.24	ppb
Beryllium	9-1	1.79	1.61	1.67	1.69	5.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	44.26	42.32	48.83	45.13	7.41	ppb
Boron	11-1	43.73	44.54	47.54	45.27	4.43	ppb
Cadmium	111-1	1.68	1.77	1.76	1.74	2.89	ppb
Cadmium	106-1	0.41	1.40	-0.33	0.50	175.27	ppb
Cadmium	108-1	1.93	1.58	1.99	1.83	12.31	ppb
Calcium	43-1	934.61	874.42	933.26	914.10	3.76	ppb
Calcium	44-1	908.49	893.11	912.88	904.82	1.15	ppb
Chromium	52-2	4.06	4.07	3.89	4.00	2.55	ppb
Cobalt	59-2	1.76	2.06	1.95	1.92	8.07	ppb
Copper	63-2	3.70	3.49	3.61	3.60	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	435.03	434.00	438.46	435.83	0.54	ppb
Iron	57-2	457.87	416.59	399.23	424.56	7.10	ppb
Lead	206-1	1.83	1.84	1.85	1.84	0.57	ppb
Lead	207-1	1.83	1.77	1.79	1.80	1.71	ppb
Lead	208-1	1.83	1.80	1.85	1.82	1.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	955.30	952.65	959.78	955.91	0.38	ppb
Manganese	55-2	1.80	1.97	1.92	1.90	4.66	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:40:09	DataFile Name :	026LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.90	9.70	9.21	9.27	4.35	ppb
Molybdenum	95-1	8.82	9.38	8.88	9.03	3.43	ppb
Molybdenum	96-1	9.07	8.79	8.92	8.93	1.57	ppb
Molybdenum	97-1	8.84	9.28	8.81	8.98	2.98	ppb
Molybdenum	98-1	9.05	8.95	9.14	9.05	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.96	1.62	1.83	10.06	ppb
Phosphorus	31-2	10.77	-14.91	10.75	2.20	672.98	ppb
Potassium	39-2	933.51	935.95	896.96	922.14	2.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	12.42	0.00	18.47	10.30	91.44	ppb
Selenium	78-2	12.39	24.64	17.37	18.13	33.96	ppb
Selenium	82-1	10.31	9.92	9.64	9.96	3.36	ppb
Silicon	28-1	2.70	-1.44	3.02	1.43	174.44	ppb
Silver	109-1	1.93	1.89	1.92	1.91	1.21	ppb
Silver	107-1	1.98	1.90	1.89	1.92	2.43	ppb
Sodium	23-2	961.83	973.56	967.54	967.64	0.61	ppb
Strontium	86-1	1.84	1.77	1.79	1.80	2.08	ppb
Strontium	88-1	1.88	1.85	1.89	1.87	1.03	ppb
Sulfur	34-1	-1687.09	-2013.86	-1660.11	-1787.02		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1.78	1.85	1.79	1.81	2.15	ppb
Thallium	205-1	1.87	1.85	1.84	1.85	0.82	ppb
Tin	118-1	9.06	9.12	9.07	9.09	0.36	ppb
Titanium	47-1	9.13	8.91	9.16	9.07	1.50	ppb
Uranium	238-1	1.79	1.72	1.76	1.75	1.97	ppb
Vanadium	51-2	8.35	9.15	8.56	8.69	4.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	3.74	4.32	3.48	3.85	11.25	ppb
Zirconium	90-1	1.82	1.87	1.86	1.85	1.45	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:40:09	DataFile Name :	026LCSE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.90	1.87	1.82	1.86	2.17	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.10	26.56	17.12	24.26	26.03	ppb
Antimony	121-1	1.21	1.19	1.26	1.22	2.90	ppb
Arsenic	75-2	2.26	2.45	2.46	2.39	4.66	ppb
Barium	135-1	10.21	10.27	10.56	10.34	1.82	ppb
Barium	137-1	10.48	10.45	10.63	10.52	0.91	ppb
Beryllium	9-1	0.01	0.01	-0.04	-0.01		ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	3972.21	3934.37	4009.28	3971.95	0.94	ppb
Boron	11-1	3893.71	3852.64	3929.47	3891.94	0.99	ppb
Cadmium	111-1	0.07	0.17	0.16	0.14	39.51	ppb
Cadmium	106-1	-0.99	-0.19	0.42	-0.25		ppb
Cadmium	108-1	0.19	0.09	0.09	0.12	46.47	ppb
Calcium	43-1	327809.06	326248.95	332276.71	328778.24	0.95	ppb
Calcium	44-1	327326.74	325030.93	329845.61	327401.09	0.74	ppb
Chromium	52-2	0.46	0.43	0.58	0.49	15.89	ppb
Cobalt	59-2	0.07	0.03	0.02	0.04	68.17	ppb
Copper	63-2	3.01	2.65	2.80	2.82	6.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				87		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	56.92	56.03	56.09	56.35	0.88	ppb
Iron	57-2	64.12	61.13	66.68	63.98	4.34	ppb
Lead	206-1	0.95	0.84	0.79	0.86	9.42	ppb
Lead	207-1	0.79	0.79	0.78	0.79	1.26	ppb
Lead	208-1	0.86	0.83	0.78	0.82	5.23	ppb
Lithium	6-1				83		%
Magnesium	24-2	1029348.16	1021304.69	1024510.77	1025054.54	0.40	ppb
Manganese	55-2	12.05	10.42	11.76	11.41	7.60	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.52	6.20	6.03	6.25	3.98	ppb
Molybdenum	95-1	8.92	9.10	8.54	8.85	3.24	ppb
Molybdenum	96-1	8.49	8.40	8.21	8.37	1.73	ppb
Molybdenum	97-1	9.95	9.26	10.29	9.83	5.38	ppb
Molybdenum	98-1	8.50	8.46	8.51	8.49	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.89	0.92	0.92	2.46	ppb
Phosphorus	31-2	62.55	61.00	160.95	94.83	60.38	ppb
Potassium	39-2	330059.96	327548.56	329074.81	328894.45	0.38	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	111.21	6.56	0.00	39.26	158.95	ppb
Selenium	78-2	1.21	1.22	1.18	1.20	1.44	ppb
Selenium	82-1	-37.69	-35.26	-31.56	-34.83		ppb
Silicon	28-1	1427.90	1432.26	1464.41	1441.53	1.38	ppb
Silver	109-1	0.58	0.60	0.60	0.59	2.43	ppb
Silver	107-1	0.64	0.60	0.58	0.61	4.58	ppb
Sodium	23-2	8712859.37	8697453.12	8689870.62	8700061.04	0.13	ppb
Strontium	86-1	5937.42	5959.72	5885.86	5927.67	0.64	ppb
Strontium	88-1	6082.07	6105.33	6054.67	6080.69	0.42	ppb
Sulfur	34-1	745011.01	736442.91	752536.12	744663.35	1.08	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	0.35	0.34	0.27	0.32	14.91	ppb
Thallium	205-1	0.33	0.30	0.24	0.29	14.95	ppb
Tin	118-1	1.06	1.03	1.01	1.03	2.10	ppb
Titanium	47-1	13.84	12.31	10.67	12.27	12.89	ppb
Uranium	238-1	2.55	2.61	2.59	2.58	1.30	ppb
Vanadium	51-2	2.07	1.98	2.38	2.15	9.76	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%
Zinc	66-2	4.72	5.16	4.90	4.93	4.54	ppb
Zirconium	90-1	0.06	0.09	0.08	0.08	20.53	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.07	0.08	12.86	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.98	27.20	51.12	34.43	42.09	ppb
Antimony	121-1	1.23	1.28	1.31	1.27	3.32	ppb
Arsenic	75-2	2.34	2.13	2.58	2.35	9.73	ppb
Barium	135-1	11.24	11.18	11.15	11.19	0.41	ppb
Barium	137-1	11.00	10.65	10.74	10.79	1.66	ppb
Beryllium	9-1	0.09	-0.01	0.06	0.05	104.28	ppb
Bismuth	209-1				73		%
Bismuth	209-2				77		%
Boron	10-1	3944.38	3992.16	4063.48	4000.01	1.50	ppb
Boron	11-1	3893.27	3915.52	4012.15	3940.31	1.60	ppb
Cadmium	111-1	0.02	0.09	0.07	0.06	62.21	ppb
Cadmium	106-1	-0.55	0.14	0.15	-0.08		ppb
Cadmium	108-1	0.11	0.10	0.10	0.10	5.95	ppb
Calcium	43-1	319660.41	318693.71	325475.12	321276.41	1.14	ppb
Calcium	44-1	321676.04	317312.58	320054.87	319681.16	0.69	ppb
Chromium	52-2	0.55	0.57	0.70	0.61	12.82	ppb
Cobalt	59-2	0.07	0.03	0.06	0.05	37.38	ppb
Copper	63-2	2.75	2.74	2.73	2.74	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				85		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	56-2	54.24	55.39	55.53	55.05	1.28	ppb
Iron	57-2	60.54	42.87	53.84	52.42	17.02	ppb
Lead	206-1	0.57	0.55	0.57	0.56	1.73	ppb
Lead	207-1	0.53	0.56	0.53	0.54	3.62	ppb
Lead	208-1	0.55	0.55	0.56	0.55	0.73	ppb
Lithium	6-1				84		%
Magnesium	24-2	1001678.69	1008864.42	1029107.49	1013216.87	1.40	ppb
Manganese	55-2	10.86	12.25	13.35	12.15	10.27	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.14	6.01	6.14	6.10	1.24	ppb
Molybdenum	95-1	8.65	8.72	8.27	8.55	2.81	ppb
Molybdenum	96-1	8.04	7.71	8.44	8.06	4.53	ppb
Molybdenum	97-1	9.23	9.39	9.68	9.43	2.39	ppb
Molybdenum	98-1	8.40	8.60	8.20	8.40	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.79	0.75	0.75	7.03	ppb
Phosphorus	31-2	105.29	58.24	10.57	58.03	81.60	ppb
Potassium	39-2	323027.70	324850.24	332126.93	326668.29	1.47	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	0.00	6.44	0.00	2.15	173.21	ppb
Selenium	78-2	2.23	5.44	1.23	2.96	74.27	ppb
Selenium	82-1	4.80	-0.25	-1.16	1.13	283.95	ppb
Silicon	28-1	1494.01	1480.28	1514.09	1496.13	1.14	ppb
Silver	109-1	0.35	0.40	0.37	0.37	6.07	ppb
Silver	107-1	0.36	0.32	0.36	0.35	6.09	ppb
Sodium	23-2	8563212.93	8590828.85	8770043.03	8641361.60	1.30	ppb
Strontium	86-1	5896.16	5908.03	5798.49	5867.56	1.02	ppb
Strontium	88-1	6018.64	5989.44	5902.56	5970.21	1.01	ppb
Sulfur	34-1	746920.61	742587.33	759663.70	749723.88	1.18	ppb
Terbium	159-1				82		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.02	0.01	0.02	35.49	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	15.00	ppb
Tin	118-1	0.74	0.81	0.82	0.79	5.37	ppb
Titanium	47-1	4.60	3.96	3.96	4.17	8.75	ppb
Uranium	238-1	2.59	2.59	2.59	2.59	0.15	ppb
Vanadium	51-2	2.14	2.34	2.25	2.24	4.50	ppb
Yttrium	89-1				85		%
Yttrium	89-2				89		%
Zinc	66-2	3.65	4.02	4.68	4.12	12.69	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	13.81	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.04	0.08	0.07	46.37	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-03 Instrumnet Name : P8
 Client Sample ID : MA4Z85 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:49:47 DataFile Name : 029SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	150.41	168.08	138.09	152.19	9.90	ppb
Antimony	121-1	0.95	0.92	1.01	0.96	4.50	ppb
Arsenic	75-2	1.65	1.47	1.75	1.62	8.69	ppb
Barium	135-1	14.25	14.26	14.92	14.48	2.63	ppb
Barium	137-1	13.87	14.14	13.72	13.91	1.51	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.01	171.41	ppb
Bismuth	209-1				72		%
Bismuth	209-2				79		%
Boron	10-1	2921.65	2920.43	2973.30	2938.46	1.03	ppb
Boron	11-1	2852.04	2871.84	2935.43	2886.44	1.51	ppb
Cadmium	111-1	0.25	0.04	0.03	0.11	113.38	ppb
Cadmium	106-1	2.42	-0.65	-0.28	0.50	337.96	ppb
Cadmium	108-1	0.25	0.00	0.21	0.15	87.41	ppb
Calcium	43-1	240181.93	240853.48	237189.41	239408.27	0.81	ppb
Calcium	44-1	235998.44	235492.09	235910.20	235800.24	0.11	ppb
Chromium	52-2	1.75	1.53	1.82	1.70	9.09	ppb
Cobalt	59-2	0.22	0.18	0.18	0.19	12.86	ppb
Copper	63-2	4.13	4.05	4.41	4.19	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				87		%
Iron	56-2	246.69	241.41	245.17	244.42	1.11	ppb
Iron	57-2	237.39	243.72	237.73	239.61	1.49	ppb
Lead	206-1	1.30	1.30	1.33	1.31	1.36	ppb
Lead	207-1	1.24	1.15	1.20	1.20	3.67	ppb
Lead	208-1	1.28	1.23	1.27	1.26	2.07	ppb
Lithium	6-1				82		%
Magnesium	24-2	718687.83	714792.46	716257.46	716579.25	0.27	ppb
Manganese	55-2	18.04	17.92	18.23	18.06	0.87	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:49:47	DataFile Name :	029SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.17	6.06	6.37	6.20	2.50	ppb
Molybdenum	95-1	8.55	8.49	8.44	8.49	0.61	ppb
Molybdenum	96-1	8.15	8.29	7.97	8.13	1.93	ppb
Molybdenum	97-1	8.95	8.54	8.28	8.59	3.93	ppb
Molybdenum	98-1	8.47	8.46	8.49	8.47	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.91	0.75	0.84	9.86	ppb
Phosphorus	31-2	54.15	271.03	8.57	111.25	126.05	ppb
Potassium	39-2	236618.26	235196.28	237426.31	236413.61	0.48	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				96		%
Selenium	77-2	49.06	0.00	6.23	18.43	144.92	ppb
Selenium	78-2	1.07	2.22	3.17	2.15	48.83	ppb
Selenium	82-1	17.41	12.45	13.76	14.54	17.67	ppb
Silicon	28-1	2534.73	2583.49	2545.97	2554.73	1.00	ppb
Silver	109-1	0.23	0.17	0.17	0.19	17.32	ppb
Silver	107-1	0.18	0.19	0.21	0.20	7.48	ppb
Sodium	23-2	6149270.80	6126028.70	6187640.12	6154313.20	0.51	ppb
Strontium	86-1	4205.86	4197.88	4226.55	4210.10	0.35	ppb
Strontium	88-1	4248.53	4241.96	4282.02	4257.50	0.50	ppb
Sulfur	34-1	541299.73	541461.57	534407.10	539056.13	0.75	ppb
Terbium	159-1				83		%
Terbium	159-2				87		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.70	0.66	0.70	0.68	3.09	ppb
Titanium	47-1	9.97	9.51	9.48	9.65	2.85	ppb
Uranium	238-1	1.81	1.85	1.85	1.84	1.32	ppb
Vanadium	51-2	1.94	2.04	2.06	2.01	3.02	ppb
Yttrium	89-1				86		%
Yttrium	89-2				92		%
Zinc	66-2	25.17	26.71	26.18	26.02	3.00	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	7.53	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:49:47	DataFile Name :	029SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.12	0.11	10.49	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.27	46.64	42.90	42.27	11.15	ppb
Antimony	121-1	0.65	0.69	0.73	0.69	5.44	ppb
Arsenic	75-2	1.55	1.53	1.38	1.49	6.28	ppb
Barium	135-1	14.02	14.07	13.47	13.85	2.38	ppb
Barium	137-1	13.87	13.55	13.92	13.78	1.45	ppb
Beryllium	9-1	0.00	-0.01	0.07	0.02	192.36	ppb
Bismuth	209-1				78		%
Bismuth	209-2				86		%
Boron	10-1	2313.98	2308.03	2387.45	2336.49	1.89	ppb
Boron	11-1	2229.14	2243.67	2306.21	2259.67	1.81	ppb
Cadmium	111-1	0.02	0.04	0.18	0.08	106.19	ppb
Cadmium	106-1	-0.70	-0.77	1.38	-0.03		ppb
Cadmium	108-1	0.03	-0.01	-0.06	-0.01		ppb
Calcium	43-1	186333.83	185219.22	190187.28	187246.78	1.39	ppb
Calcium	44-1	183435.55	183761.17	188664.16	185286.96	1.58	ppb
Chromium	52-2	0.99	0.91	0.88	0.92	6.23	ppb
Cobalt	59-2	0.17	0.15	0.15	0.15	9.49	ppb
Copper	63-2	2.22	2.22	2.40	2.28	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				97		%
Iron	56-2	78.80	76.03	76.15	76.99	2.03	ppb
Iron	57-2	72.49	79.25	78.84	76.86	4.93	ppb
Lead	206-1	0.68	0.65	0.71	0.68	4.95	ppb
Lead	207-1	0.62	0.63	0.67	0.64	4.07	ppb
Lead	208-1	0.64	0.65	0.65	0.64	1.37	ppb
Lithium	6-1				88		%
Magnesium	24-2	549015.66	534820.93	542459.74	542098.78	1.31	ppb
Manganese	55-2	14.10	13.93	14.09	14.04	0.68	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.14	6.07	6.07	6.09	0.62	ppb
Molybdenum	95-1	8.61	8.70	8.75	8.69	0.82	ppb
Molybdenum	96-1	8.09	8.58	8.21	8.29	3.12	ppb
Molybdenum	97-1	8.99	9.15	8.51	8.88	3.72	ppb
Molybdenum	98-1	8.51	8.36	8.37	8.41	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.00	0.98	0.95	6.36	ppb
Phosphorus	31-2	155.82	67.88	69.32	97.67	51.56	ppb
Potassium	39-2	184125.00	178364.17	182542.05	181677.07	1.64	ppb
Rhodium	103-1				86		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				108		%
Selenium	77-2	0.00	5.63	5.63	3.75	86.60	ppb
Selenium	78-2	-0.95	3.71	-0.02	0.91	270.89	ppb
Selenium	82-1	13.95	12.89	10.50	12.45	14.18	ppb
Silicon	28-1	2871.50	2816.98	2908.91	2865.80	1.61	ppb
Silver	109-1	0.13	0.11	0.15	0.13	16.55	ppb
Silver	107-1	0.11	0.14	0.12	0.12	11.65	ppb
Sodium	23-2	4704892.59	4622305.18	4678419.52	4668539.09	0.90	ppb
Strontium	86-1	3244.36	3236.59	3239.01	3239.99	0.12	ppb
Strontium	88-1	3268.55	3264.12	3256.07	3262.92	0.19	ppb
Sulfur	34-1	409521.69	414405.54	417436.14	413787.79	0.97	ppb
Terbium	159-1				90		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.51	0.51	0.51	0.51	0.48	ppb
Titanium	47-1	2.63	2.96	2.88	2.82	6.09	ppb
Uranium	238-1	1.31	1.33	1.34	1.33	1.37	ppb
Vanadium	51-2	1.36	1.50	1.49	1.45	5.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%
Zinc	66-2	23.57	23.51	25.05	24.04	3.64	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	1.46	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.07	0.05	29.54	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.24	30.81	39.70	29.25	38.68	ppb
Antimony	121-1	0.99	1.03	1.16	1.06	8.38	ppb
Arsenic	75-2	1.69	1.55	1.94	1.73	11.56	ppb
Barium	135-1	14.87	14.51	14.48	14.62	1.49	ppb
Barium	137-1	14.75	14.37	14.42	14.51	1.43	ppb
Beryllium	9-1	0.03	-0.04	0.03	0.01	740.27	ppb
Bismuth	209-1				72		%
Bismuth	209-2				81		%
Boron	10-1	3938.13	3983.11	4057.88	3993.04	1.51	ppb
Boron	11-1	3831.12	3891.17	3932.07	3884.78	1.31	ppb
Cadmium	111-1	0.19	0.06	0.20	0.15	51.51	ppb
Cadmium	106-1	1.90	0.03	2.10	1.34	84.77	ppb
Cadmium	108-1	0.00	0.10	0.25	0.11	112.73	ppb
Calcium	43-1	295432.16	301069.32	293938.38	296813.29	1.27	ppb
Calcium	44-1	290370.00	297904.72	294040.53	294105.08	1.28	ppb
Chromium	52-2	0.71	1.00	0.89	0.87	17.04	ppb
Cobalt	59-2	0.05	0.09	0.09	0.08	29.50	ppb
Copper	63-2	2.38	2.21	2.12	2.24	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				93		%
Iron	56-2	127.56	123.92	127.33	126.27	1.61	ppb
Iron	57-2	116.49	117.38	125.14	119.67	3.98	ppb
Lead	206-1	0.80	0.85	0.78	0.81	4.39	ppb
Lead	207-1	0.67	0.67	0.70	0.68	3.16	ppb
Lead	208-1	0.73	0.78	0.74	0.75	3.04	ppb
Lithium	6-1				81		%
Magnesium	24-2	917186.52	908420.61	928959.21	918188.78	1.12	ppb
Manganese	55-2	21.02	18.32	18.10	19.15	8.51	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.74	6.45	6.64	6.61	2.24	ppb
Molybdenum	95-1	9.17	9.54	9.19	9.30	2.21	ppb
Molybdenum	96-1	8.71	8.71	9.00	8.81	1.92	ppb
Molybdenum	97-1	9.82	9.87	9.95	9.88	0.67	ppb
Molybdenum	98-1	9.30	9.23	9.00	9.18	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.98	1.03	1.00	2.18	ppb
Phosphorus	31-2	50.03	6.30	50.36	35.56	71.26	ppb
Potassium	39-2	299927.01	292180.52	305843.82	299317.12	2.29	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				105		%
Selenium	77-2	17.15	28.86	5.75	17.25	66.99	ppb
Selenium	78-2	5.66	16.23	2.85	8.25	85.51	ppb
Selenium	82-1	10.45	8.67	5.07	8.06	33.97	ppb
Silicon	28-1	706.23	725.40	732.49	721.38	1.88	ppb
Silver	109-1	0.16	0.15	0.14	0.15	6.41	ppb
Silver	107-1	0.11	0.12	0.13	0.12	9.74	ppb
Sodium	23-2	7961378.82	7785935.10	7956925.93	7901413.28	1.27	ppb
Strontium	86-1	5290.41	5316.28	5291.05	5299.24	0.28	ppb
Strontium	88-1	5353.44	5337.47	5365.75	5352.22	0.26	ppb
Sulfur	34-1	697115.85	713600.18	709771.09	706829.04	1.22	ppb
Terbium	159-1				84		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	0.00	-0.03	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.82	0.78	0.82	0.81	3.20	ppb
Titanium	47-1	2.41	2.70	2.91	2.67	9.42	ppb
Uranium	238-1	2.61	2.59	2.62	2.61	0.52	ppb
Vanadium	51-2	1.55	1.48	1.59	1.54	3.62	ppb
Yttrium	89-1				91		%
Yttrium	89-2				100		%
Zinc	66-2	9.54	8.86	9.45	9.28	4.01	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	24.39	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.10	0.06	76.72	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	7.74	4.64	6.66	26.31	ppb
Antimony	121-1	1.04	1.11	1.25	1.13	9.68	ppb
Arsenic	75-2	1.50	1.31	1.56	1.46	9.08	ppb
Barium	135-1	14.60	13.75	14.04	14.13	3.07	ppb
Barium	137-1	14.38	14.43	14.51	14.44	0.44	ppb
Beryllium	9-1	0.01	0.03	-0.05	0.00		ppb
Bismuth	209-1				70		%
Bismuth	209-2				79		%
Boron	10-1	3955.68	4085.58	4073.93	4038.40	1.78	ppb
Boron	11-1	3869.56	3987.79	4003.31	3953.55	1.85	ppb
Cadmium	111-1	0.06	0.08	0.11	0.08	29.09	ppb
Cadmium	106-1	0.26	0.49	0.66	0.47	42.50	ppb
Cadmium	108-1	0.10	0.10	0.26	0.15	61.23	ppb
Calcium	43-1	298567.93	297613.95	305040.12	300407.33	1.34	ppb
Calcium	44-1	298321.46	295402.26	301824.39	298516.04	1.08	ppb
Chromium	52-2	0.31	0.44	0.32	0.36	20.57	ppb
Cobalt	59-2	0.04	0.02	0.04	0.04	28.66	ppb
Copper	63-2	1.94	1.94	1.90	1.93	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				92		%
Iron	56-2	109.55	109.36	111.67	110.19	1.17	ppb
Iron	57-2	114.59	119.61	119.28	117.82	2.38	ppb
Lead	206-1	0.62	0.60	0.66	0.63	4.80	ppb
Lead	207-1	0.51	0.49	0.54	0.51	4.15	ppb
Lead	208-1	0.59	0.55	0.58	0.57	3.04	ppb
Lithium	6-1				79		%
Magnesium	24-2	917524.51	922869.06	934926.70	925106.76	0.96	ppb
Manganese	55-2	17.40	17.40	18.36	17.72	3.15	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.92	6.84	6.90	6.88	0.60	ppb
Molybdenum	95-1	9.92	9.91	9.39	9.74	3.10	ppb
Molybdenum	96-1	9.29	9.02	9.08	9.13	1.57	ppb
Molybdenum	97-1	10.00	10.09	10.49	10.19	2.54	ppb
Molybdenum	98-1	9.57	10.04	9.44	9.68	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.45	0.52	0.51	10.11	ppb
Phosphorus	31-2	70.98	50.19	28.89	50.02	42.08	ppb
Potassium	39-2	301620.46	301992.61	309979.85	304530.97	1.55	ppb
Rhodium	103-1				81		%
Rhodium	103-2				85		%
Scandium	45-1				94		%
Scandium	45-2				104		%
Selenium	77-2	46.77	0.00	5.89	17.55	145.12	ppb
Selenium	78-2	2.91	1.97	0.99	1.96	49.02	ppb
Selenium	82-1	10.18	4.81	2.50	5.83	67.56	ppb
Silicon	28-1	507.52	446.27	451.29	468.36	7.26	ppb
Silver	109-1	0.17	0.12	0.14	0.14	14.71	ppb
Silver	107-1	0.13	0.12	0.14	0.13	7.59	ppb
Sodium	23-2	7952974.36	8009609.91	8036753.16	7999779.15	0.53	ppb
Strontium	86-1	5399.20	5419.75	5408.49	5409.15	0.19	ppb
Strontium	88-1	5478.37	5548.52	5477.30	5501.40	0.74	ppb
Sulfur	34-1	710658.78	709905.51	721931.04	714165.11	0.94	ppb
Terbium	159-1				83		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.59	0.63	0.71	0.65	9.79	ppb
Titanium	47-1	1.94	2.03	2.23	2.07	7.39	ppb
Uranium	238-1	2.70	2.69	2.63	2.67	1.45	ppb
Vanadium	51-2	1.53	1.39	1.45	1.46	4.91	ppb
Yttrium	89-1				90		%
Yttrium	89-2				98		%
Zinc	66-2	6.45	6.44	6.39	6.42	0.50	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	32.54	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.04	0.04	9.58	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.05	9.32	9.27	13.55	54.34	ppb
Antimony	121-1	1.06	1.10	1.12	1.09	3.03	ppb
Arsenic	75-2	1.39	1.75	1.86	1.67	14.69	ppb
Barium	135-1	14.56	14.28	14.50	14.45	1.00	ppb
Barium	137-1	14.05	13.88	13.96	13.96	0.61	ppb
Beryllium	9-1	-0.02	-0.06	0.02	-0.02		ppb
Bismuth	209-1				68		%
Bismuth	209-2				78		%
Boron	10-1	4019.33	4015.48	4065.49	4033.43	0.69	ppb
Boron	11-1	3992.70	3900.83	4006.63	3966.72	1.45	ppb
Cadmium	111-1	0.17	0.03	-0.01	0.07	141.37	ppb
Cadmium	106-1	1.31	-0.60	-0.62	0.03	3432.46	ppb
Cadmium	108-1	0.21	0.00	0.16	0.12	88.87	ppb
Calcium	43-1	297071.05	292533.58	292129.71	293911.45	0.93	ppb
Calcium	44-1	296839.64	292171.18	292134.36	293715.06	0.92	ppb
Chromium	52-2	0.31	0.33	0.40	0.35	13.63	ppb
Cobalt	59-2	0.07	0.05	0.04	0.05	37.32	ppb
Copper	63-2	1.70	1.64	1.77	1.70	3.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				92		%
Iron	56-2	109.40	109.05	109.98	109.47	0.43	ppb
Iron	57-2	114.35	113.42	119.15	115.64	2.66	ppb
Lead	206-1	0.57	0.61	0.53	0.57	6.35	ppb
Lead	207-1	0.54	0.51	0.54	0.53	2.74	ppb
Lead	208-1	0.57	0.57	0.54	0.56	3.66	ppb
Lithium	6-1				76		%
Magnesium	24-2	904397.85	899180.25	903125.84	902234.65	0.30	ppb
Manganese	55-2	16.47	16.29	17.08	16.61	2.51	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.94	7.13	6.57	6.88	4.12	ppb
Molybdenum	95-1	9.62	10.15	9.48	9.75	3.64	ppb
Molybdenum	96-1	9.12	9.02	9.23	9.12	1.13	ppb
Molybdenum	97-1	10.08	10.04	10.13	10.08	0.46	ppb
Molybdenum	98-1	9.33	9.54	9.61	9.49	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.51	0.42	0.41	26.95	ppb
Phosphorus	31-2	28.47	28.48	6.70	21.22	59.27	ppb
Potassium	39-2	298023.72	298872.71	296543.29	297813.24	0.40	ppb
Rhodium	103-1				80		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				104		%
Selenium	77-2	0.00	11.84	5.91	5.92	100.02	ppb
Selenium	78-2	2.92	1.00	0.02	1.32	112.06	ppb
Selenium	82-1	4.39	-0.93	2.10	1.85	144.00	ppb
Silicon	28-1	447.72	443.13	466.04	452.30	2.68	ppb
Silver	109-1	0.16	0.12	0.13	0.14	13.09	ppb
Silver	107-1	0.11	0.12	0.12	0.12	2.56	ppb
Sodium	23-2	7780103.38	7780012.58	7709886.39	7756667.45	0.52	ppb
Strontium	86-1	5354.78	5349.98	5342.73	5349.16	0.11	ppb
Strontium	88-1	5467.66	5435.36	5419.71	5440.91	0.45	ppb
Sulfur	34-1	706915.79	695400.01	694823.03	699046.28	0.98	ppb
Terbium	159-1				82		%
Terbium	159-2				91		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.77	0.71	0.69	0.72	5.72	ppb
Titanium	47-1	2.13	2.23	2.39	2.25	5.72	ppb
Uranium	238-1	2.65	2.61	2.65	2.64	0.82	ppb
Vanadium	51-2	1.41	1.46	1.43	1.43	1.86	ppb
Yttrium	89-1				88		%
Yttrium	89-2				98		%
Zinc	66-2	8.15	7.21	7.21	7.52	7.21	ppb
Zirconium	90-1	0.02	0.04	0.04	0.03	34.47	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.04	0.03	57.58	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.64	6.12	19.71	14.16	50.33	ppb
Antimony	121-1	1.08	1.07	1.23	1.13	7.88	ppb
Arsenic	75-2	1.31	1.74	1.69	1.58	15.02	ppb
Barium	135-1	15.04	14.83	14.71	14.86	1.14	ppb
Barium	137-1	15.20	14.67	14.47	14.78	2.54	ppb
Beryllium	9-1	-0.03	-0.07	-0.05	-0.05		ppb
Bismuth	209-1				68		%
Bismuth	209-2				80		%
Boron	10-1	4100.80	4146.19	4214.86	4153.95	1.38	ppb
Boron	11-1	4060.65	4096.55	4170.03	4109.08	1.36	ppb
Cadmium	111-1	0.25	0.04	0.15	0.15	71.91	ppb
Cadmium	106-1	2.81	-0.76	1.91	1.32	140.36	ppb
Cadmium	108-1	-0.10	-0.05	0.78	0.21	239.61	ppb
Calcium	43-1	306904.38	304583.97	306050.19	305846.18	0.38	ppb
Calcium	44-1	303770.72	301838.50	300586.22	302065.15	0.53	ppb
Chromium	52-2	0.44	0.43	0.38	0.42	8.04	ppb
Cobalt	59-2	0.04	0.06	0.06	0.06	17.11	ppb
Copper	63-2	1.93	1.97	1.87	1.92	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				81		%
Holmium	165-2				94		%
Indium	115-1				82		%
Indium	115-2				94		%
Iron	56-2	125.65	126.15	120.34	124.05	2.59	ppb
Iron	57-2	118.36	139.19	128.33	128.63	8.10	ppb
Lead	206-1	0.78	0.79	0.74	0.77	3.21	ppb
Lead	207-1	0.67	0.67	0.65	0.66	1.23	ppb
Lead	208-1	0.70	0.71	0.68	0.70	2.46	ppb
Lithium	6-1				76		%
Magnesium	24-2	928325.01	947590.07	922065.65	932660.24	1.43	ppb
Manganese	55-2	19.36	19.62	18.87	19.28	1.97	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.26	7.11	6.85	7.08	2.91	ppb
Molybdenum	95-1	9.66	10.09	10.09	9.95	2.49	ppb
Molybdenum	96-1	9.84	9.48	9.41	9.58	2.39	ppb
Molybdenum	97-1	10.54	10.08	10.60	10.41	2.75	ppb
Molybdenum	98-1	9.92	9.57	9.71	9.73	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.52	0.46	0.49	6.20	ppb
Phosphorus	31-2	6.15	115.04	27.20	49.46	116.77	ppb
Potassium	39-2	308903.57	314605.14	308510.13	310672.95	1.10	ppb
Rhodium	103-1				79		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				106		%
Selenium	77-2	17.08	0.00	0.00	5.69	173.21	ppb
Selenium	78-2	5.64	1.90	2.84	3.46	56.16	ppb
Selenium	82-1	3.80	1.56	-3.21	0.72	500.44	ppb
Silicon	28-1	432.71	428.00	463.93	441.55	4.42	ppb
Silver	109-1	0.14	0.13	0.11	0.13	12.01	ppb
Silver	107-1	0.10	0.10	0.12	0.11	12.94	ppb
Sodium	23-2	8048426.48	8270587.88	7971857.27	8096957.21	1.92	ppb
Strontium	86-1	5526.38	5474.66	5534.25	5511.76	0.59	ppb
Strontium	88-1	5577.16	5580.93	5619.60	5592.56	0.42	ppb
Sulfur	34-1	728595.97	720304.46	722833.72	723911.38	0.59	ppb
Terbium	159-1				82		%
Terbium	159-2				94		%
Thallium	203-1	0.00	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.68	0.70	0.73	0.70	3.49	ppb
Titanium	47-1	2.80	2.82	3.11	2.91	5.99	ppb
Uranium	238-1	2.80	2.81	2.77	2.79	0.80	ppb
Vanadium	51-2	1.62	1.27	1.33	1.41	13.14	ppb
Yttrium	89-1				88		%
Yttrium	89-2				101		%
Zinc	66-2	7.98	8.22	7.41	7.87	5.28	ppb
Zirconium	90-1	0.03	0.00	0.59	0.21	159.02	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.05	0.02	0.02	139.75	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.45	11.23	6.54	10.41	33.90	ppb
Antimony	121-1	1.03	1.08	1.13	1.08	4.45	ppb
Arsenic	75-2	2.00	1.71	1.41	1.70	17.17	ppb
Barium	135-1	14.42	14.96	14.77	14.72	1.88	ppb
Barium	137-1	14.91	14.79	15.16	14.95	1.28	ppb
Beryllium	9-1	-0.02	0.02	-0.03	-0.01		ppb
Bismuth	209-1				63		%
Bismuth	209-2				76		%
Boron	10-1	4050.68	4158.07	4156.48	4121.75	1.49	ppb
Boron	11-1	4045.57	4096.61	4046.22	4062.80	0.72	ppb
Cadmium	111-1	0.05	0.07	0.12	0.08	44.96	ppb
Cadmium	106-1	0.22	-0.18	0.62	0.22	181.08	ppb
Cadmium	108-1	0.07	0.07	0.07	0.07	0.17	ppb
Calcium	43-1	305856.55	306477.81	307570.13	306634.83	0.28	ppb
Calcium	44-1	307414.82	298799.21	305990.59	304068.20	1.52	ppb
Chromium	52-2	0.82	0.85	1.10	0.92	16.53	ppb
Cobalt	59-2	0.09	0.07	0.06	0.07	21.31	ppb
Copper	63-2	1.83	1.74	1.78	1.78	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				77		%
Holmium	165-2				88		%
Indium	115-1				78		%
Indium	115-2				89		%
Iron	56-2	119.43	114.68	119.63	117.91	2.38	ppb
Iron	57-2	132.16	124.41	135.22	130.60	4.27	ppb
Lead	206-1	0.66	0.65	0.65	0.65	1.21	ppb
Lead	207-1	0.59	0.64	0.56	0.60	6.56	ppb
Lead	208-1	0.64	0.63	0.62	0.63	1.30	ppb
Lithium	6-1				71		%
Magnesium	24-2	942796.76	929693.61	937208.04	936566.13	0.70	ppb
Manganese	55-2	17.42	17.38	17.92	17.57	1.70	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.17	7.10	6.78	7.02	2.94	ppb
Molybdenum	95-1	9.83	9.76	9.75	9.78	0.46	ppb
Molybdenum	96-1	9.44	9.29	9.27	9.33	0.98	ppb
Molybdenum	97-1	10.55	10.49	10.19	10.41	1.87	ppb
Molybdenum	98-1	9.85	9.76	9.89	9.83	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.23	0.79	0.99	22.12	ppb
Phosphorus	31-2	53.68	51.46	52.51	52.55	2.12	ppb
Potassium	39-2	316043.85	306374.78	315053.38	312490.67	1.70	ppb
Rhodium	103-1				75		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				101		%
Selenium	77-2	0.00	6.01	12.07	6.03	100.17	ppb
Selenium	78-2	2.05	2.03	3.04	2.37	24.31	ppb
Selenium	82-1	4.14	-1.80	-2.30	0.01	32333.91	ppb
Silicon	28-1	450.87	459.66	558.41	489.65	12.20	ppb
Silver	109-1	0.09	0.10	0.06	0.08	27.31	ppb
Silver	107-1	0.11	0.07	0.08	0.09	20.17	ppb
Sodium	23-2	8213584.96	8079284.18	8133692.07	8142187.07	0.83	ppb
Strontium	86-1	5460.36	5511.68	5503.24	5491.76	0.50	ppb
Strontium	88-1	5577.80	5573.03	5585.72	5578.85	0.11	ppb
Sulfur	34-1	726339.56	706096.91	722977.37	718471.28	1.51	ppb
Terbium	159-1				76		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.69	0.67	0.76	0.71	6.77	ppb
Titanium	47-1	2.66	2.88	3.05	2.86	6.78	ppb
Uranium	238-1	2.77	2.79	2.78	2.78	0.39	ppb
Vanadium	51-2	1.56	1.48	1.30	1.45	9.29	ppb
Yttrium	89-1				83		%
Yttrium	89-2				96		%
Zinc	66-2	6.37	6.03	6.77	6.39	5.75	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.08	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.01	0.04	67.47	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-10 Instrumnet Name : P8
 Client Sample ID : MA4ZB7 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 14:12:12 DataFile Name : 036SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	11.80	6.98	6.31	92.80	ppb
Antimony	121-1	1.16	1.24	1.33	1.24	7.21	ppb
Arsenic	75-2	1.80	2.15	2.00	1.98	8.76	ppb
Barium	135-1	10.84	10.64	10.32	10.60	2.48	ppb
Barium	137-1	10.74	10.64	10.38	10.59	1.77	ppb
Beryllium	9-1	0.00	0.00	-0.04	-0.01		ppb
Bismuth	209-1				63		%
Bismuth	209-2				73		%
Boron	10-1	4493.86	4523.73	4459.26	4492.28	0.72	ppb
Boron	11-1	4452.02	4480.60	4439.32	4457.31	0.47	ppb
Cadmium	111-1	0.15	0.05	0.06	0.09	63.28	ppb
Cadmium	106-1	1.47	-0.47	0.38	0.46	212.17	ppb
Cadmium	108-1	0.18	-0.10	0.12	0.07	223.23	ppb
Calcium	43-1	327579.57	325726.26	328170.79	327158.88	0.39	ppb
Calcium	44-1	326458.49	327716.19	329199.63	327791.44	0.42	ppb
Chromium	52-2	0.32	0.27	0.26	0.28	12.56	ppb
Cobalt	59-2	0.00	0.03	0.02	0.02	78.40	ppb
Copper	63-2	1.82	1.74	1.84	1.80	3.17	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				77		%
Holmium	165-2				84		%
Indium	115-1				78		%
Indium	115-2				87		%
Iron	56-2	12.94	12.57	12.54	12.68	1.77	ppb
Iron	57-2	17.07	14.66	15.48	15.74	7.81	ppb
Lead	206-1	0.07	0.11	0.10	0.09	19.47	ppb
Lead	207-1	0.08	0.10	0.09	0.09	7.70	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.29	ppb
Lithium	6-1				71		%
Magnesium	24-2	1037540.58	1010893.25	1014698.45	1021044.09	1.41	ppb
Manganese	55-2	6.78	6.51	6.63	6.64	2.03	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:12:12	DataFile Name :	036SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.39	5.85	5.67	5.97	6.29	ppb
Molybdenum	95-1	8.55	8.67	8.40	8.54	1.57	ppb
Molybdenum	96-1	8.14	8.01	8.21	8.12	1.29	ppb
Molybdenum	97-1	9.26	9.15	9.82	9.41	3.84	ppb
Molybdenum	98-1	8.39	8.21	8.32	8.31	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.52	0.75	0.65	17.96	ppb
Phosphorus	31-2	125.49	168.31	31.74	108.51	64.37	ppb
Potassium	39-2	349849.69	335315.35	341937.72	342367.59	2.13	ppb
Rhodium	103-1				75		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				97		%
Selenium	77-2	18.54	6.14	0.00	8.23	114.79	ppb
Selenium	78-2	1.09	0.06	3.16	1.44	109.78	ppb
Selenium	82-1	-0.44	-5.37	-5.48	-3.76		ppb
Silicon	28-1	1429.92	1421.56	1429.11	1426.86	0.32	ppb
Silver	109-1	0.09	0.07	0.07	0.08	13.91	ppb
Silver	107-1	0.09	0.07	0.07	0.07	12.31	ppb
Sodium	23-2	8966817.82	8753106.10	8872560.37	8864161.43	1.21	ppb
Strontium	86-1	5965.65	5897.15	6017.06	5959.96	1.01	ppb
Strontium	88-1	6084.54	5969.28	6129.80	6061.21	1.37	ppb
Sulfur	34-1	785331.16	780442.48	771761.97	779178.53	0.88	ppb
Terbium	159-1				77		%
Terbium	159-2				83		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.70	0.66	0.64	0.67	4.46	ppb
Titanium	47-1	2.61	2.68	2.94	2.74	6.32	ppb
Uranium	238-1	2.60	2.61	2.50	2.57	2.39	ppb
Vanadium	51-2	2.43	2.06	2.31	2.27	8.39	ppb
Yttrium	89-1				83		%
Yttrium	89-2				93		%
Zinc	66-2	2.62	2.11	2.37	2.37	10.67	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	18.42	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:12:12	DataFile Name :	036SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.01	0.03	82.36	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.02	13.62	17.52	15.05	14.25	ppb
Antimony	121-1	1.10	1.20	1.18	1.16	4.43	ppb
Arsenic	75-2	2.29	2.04	2.23	2.18	6.01	ppb
Barium	135-1	11.12	11.15	10.84	11.04	1.55	ppb
Barium	137-1	10.69	10.92	11.74	11.11	4.97	ppb
Beryllium	9-1	-0.09	0.00	-0.05	-0.05		ppb
Bismuth	209-1				62		%
Bismuth	209-2				72		%
Boron	10-1	4443.06	4453.37	4445.76	4447.40	0.12	ppb
Boron	11-1	4367.63	4445.42	4441.77	4418.28	0.99	ppb
Cadmium	111-1	0.02	0.12	0.20	0.11	78.73	ppb
Cadmium	106-1	-0.51	1.34	2.44	1.09	137.15	ppb
Cadmium	108-1	0.07	0.01	0.19	0.09	101.63	ppb
Calcium	43-1	326226.22	320650.83	319462.23	322113.10	1.12	ppb
Calcium	44-1	325312.89	321037.12	323459.17	323269.73	0.66	ppb
Chromium	52-2	0.34	0.33	0.28	0.32	11.09	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	42.33	ppb
Copper	63-2	1.79	1.96	1.85	1.87	4.66	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				75		%
Holmium	165-2				82		%
Indium	115-1				76		%
Indium	115-2				85		%
Iron	56-2	37.03	36.79	37.17	37.00	0.52	ppb
Iron	57-2	36.22	54.99	33.20	41.47	28.47	ppb
Lead	206-1	0.16	0.11	0.17	0.14	22.81	ppb
Lead	207-1	0.09	0.18	0.13	0.13	35.32	ppb
Lead	208-1	0.12	0.13	0.14	0.13	10.60	ppb
Lithium	6-1				70		%
Magnesium	24-2	994910.05	983431.41	1009206.66	995849.37	1.30	ppb
Manganese	55-2	8.70	8.43	8.90	8.68	2.73	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.99	5.96	6.01	5.98	0.42	ppb
Molybdenum	95-1	8.40	8.47	8.47	8.45	0.50	ppb
Molybdenum	96-1	7.94	7.86	7.99	7.93	0.89	ppb
Molybdenum	97-1	8.92	9.26	9.24	9.14	2.09	ppb
Molybdenum	98-1	8.33	8.24	8.36	8.31	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.51	0.61	0.56	8.74	ppb
Phosphorus	31-2	102.96	146.62	103.16	117.58	21.39	ppb
Potassium	39-2	334833.12	330956.83	333245.44	333011.80	0.59	ppb
Rhodium	103-1				74		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				97		%
Selenium	77-2	0.00	6.31	0.00	2.10	173.21	ppb
Selenium	78-2	0.09	2.18	0.09	0.79	153.23	ppb
Selenium	82-1	0.94	-4.25	-8.76	-4.02		ppb
Silicon	28-1	1504.35	1452.02	1453.40	1469.92	2.03	ppb
Silver	109-1	0.06	0.04	0.05	0.05	23.74	ppb
Silver	107-1	0.05	0.06	0.07	0.06	22.82	ppb
Sodium	23-2	8602530.04	8508003.78	8691356.92	8600630.25	1.07	ppb
Strontium	86-1	5879.17	5841.72	5965.92	5895.60	1.08	ppb
Strontium	88-1	5917.60	5976.05	5989.20	5960.95	0.64	ppb
Sulfur	34-1	769589.28	761108.47	759559.43	763419.06	0.71	ppb
Terbium	159-1				75		%
Terbium	159-2				82		%
Thallium	203-1	-0.02	-0.04	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.60	0.61	0.56	0.59	5.20	ppb
Titanium	47-1	3.03	3.65	3.38	3.35	9.25	ppb
Uranium	238-1	2.59	2.44	2.48	2.50	3.27	ppb
Vanadium	51-2	2.11	2.01	2.15	2.09	3.29	ppb
Yttrium	89-1				82		%
Yttrium	89-2				91		%
Zinc	66-2	2.79	2.87	2.86	2.84	1.48	ppb
Zirconium	90-1	0.01	0.04	0.03	0.03	63.10	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.05	0.03	68.93	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.87	20.83	29.45	26.05	17.60	ppb
Antimony	121-1	1.04	1.24	1.20	1.16	9.20	ppb
Arsenic	75-2	2.13	2.32	2.07	2.17	5.89	ppb
Barium	135-1	10.85	10.48	11.55	10.96	4.98	ppb
Barium	137-1	11.30	10.81	10.68	10.93	3.01	ppb
Beryllium	9-1	0.11	-0.03	-0.04	0.01	624.88	ppb
Bismuth	209-1				62		%
Bismuth	209-2				72		%
Boron	10-1	4446.33	4437.00	4492.40	4458.58	0.67	ppb
Boron	11-1	4345.87	4415.44	4362.41	4374.58	0.83	ppb
Cadmium	111-1	0.12	0.01	0.15	0.09	79.55	ppb
Cadmium	106-1	1.22	-0.50	1.38	0.70	149.03	ppb
Cadmium	108-1	0.24	0.01	0.24	0.17	80.76	ppb
Calcium	43-1	323420.82	319791.39	322133.40	321781.87	0.57	ppb
Calcium	44-1	322312.32	320437.40	323293.93	322014.55	0.45	ppb
Chromium	52-2	0.45	0.35	0.27	0.36	26.43	ppb
Cobalt	59-2	0.07	0.03	0.04	0.04	44.92	ppb
Copper	63-2	1.98	1.77	2.09	1.94	8.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				75		%
Holmium	165-2				82		%
Indium	115-1				76		%
Indium	115-2				85		%
Iron	56-2	38.23	39.27	39.44	38.98	1.69	ppb
Iron	57-2	47.52	44.23	39.13	43.63	9.70	ppb
Lead	206-1	0.15	0.11	0.15	0.13	17.90	ppb
Lead	207-1	0.10	0.10	0.08	0.09	16.17	ppb
Lead	208-1	0.13	0.12	0.12	0.12	2.47	ppb
Lithium	6-1				70		%
Magnesium	24-2	1022689.87	1003297.60	1001609.52	1009198.99	1.16	ppb
Manganese	55-2	8.36	8.79	8.78	8.64	2.84	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.77	5.90	6.08	5.92	2.70	ppb
Molybdenum	95-1	8.46	8.34	8.86	8.55	3.19	ppb
Molybdenum	96-1	7.77	7.81	7.99	7.86	1.48	ppb
Molybdenum	97-1	9.04	8.79	9.29	9.04	2.76	ppb
Molybdenum	98-1	8.47	8.34	8.30	8.37	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.71	0.60	0.63	10.97	ppb
Phosphorus	31-2	126.55	78.98	125.95	110.49	24.70	ppb
Potassium	39-2	344043.38	334589.13	335684.62	338105.71	1.53	ppb
Rhodium	103-1				74		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				96		%
Selenium	77-2	6.24	0.00	0.00	2.08	173.21	ppb
Selenium	78-2	40.38	5.28	0.09	15.25	143.69	ppb
Selenium	82-1	1.75	-4.78	-5.87	-2.97		ppb
Silicon	28-1	1472.46	1469.02	1484.97	1475.48	0.57	ppb
Silver	109-1	0.07	0.05	0.05	0.06	25.56	ppb
Silver	107-1	0.06	0.05	0.05	0.05	11.71	ppb
Sodium	23-2	8865483.44	8739389.77	8693301.02	8766058.08	1.02	ppb
Strontium	86-1	5869.89	5860.69	5951.42	5894.00	0.85	ppb
Strontium	88-1	5949.97	5984.26	5984.31	5972.85	0.33	ppb
Sulfur	34-1	765300.87	750462.21	763584.48	759782.52	1.07	ppb
Terbium	159-1				76		%
Terbium	159-2				82		%
Thallium	203-1	-0.03	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.53	0.58	0.62	0.58	7.46	ppb
Titanium	47-1	3.62	4.35	3.74	3.90	10.13	ppb
Uranium	238-1	2.48	2.52	2.58	2.53	2.10	ppb
Vanadium	51-2	2.35	2.20	2.28	2.28	3.37	ppb
Yttrium	89-1				83		%
Yttrium	89-2				92		%
Zinc	66-2	2.94	2.42	2.60	2.65	10.05	ppb
Zirconium	90-1	0.03	0.02	0.06	0.04	54.56	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	24.20	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.98	5.47	-0.28	3.06	97.51	ppb
Antimony	121-1	0.22	0.25	0.19	0.22	13.64	ppb
Arsenic	75-2	0.65	0.38	0.28	0.44	44.62	ppb
Barium	135-1	2.33	2.40	2.08	2.27	7.35	ppb
Barium	137-1	2.25	2.36	2.38	2.33	3.11	ppb
Beryllium	9-1	0.03	-0.08	-0.04	-0.03		ppb
Bismuth	209-1				65		%
Bismuth	209-2				85		%
Boron	10-1	883.52	913.41	917.48	904.81	2.05	ppb
Boron	11-1	935.50	951.02	944.27	943.59	0.82	ppb
Cadmium	111-1	0.12	0.11	0.04	0.09	47.76	ppb
Cadmium	106-1	1.76	1.45	0.50	1.24	53.30	ppb
Cadmium	108-1	0.18	0.01	-0.10	0.03	456.68	ppb
Calcium	43-1	63522.43	62943.47	62984.26	63150.05	0.51	ppb
Calcium	44-1	63354.04	63944.90	63600.04	63632.99	0.47	ppb
Chromium	52-2	0.16	0.10	0.22	0.16	37.19	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.60	0.51	0.50	0.54	10.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				76		%
Holmium	165-2				97		%
Indium	115-1				79		%
Indium	115-2				99		%
Iron	56-2	6.70	7.03	7.99	7.24	9.23	ppb
Iron	57-2	11.43	10.08	6.55	9.35	26.93	ppb
Lead	206-1	-0.03	-0.04	-0.02	-0.03		ppb
Lead	207-1	-0.02	-0.02	-0.04	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.02		ppb
Lithium	6-1				70		%
Magnesium	24-2	196070.59	194246.80	200494.54	196937.31	1.63	ppb
Manganese	55-2	1.65	1.79	2.20	1.88	15.27	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.13	1.05	1.23	1.14	8.21	ppb
Molybdenum	95-1	1.62	1.71	1.53	1.62	5.80	ppb
Molybdenum	96-1	1.59	1.72	1.62	1.64	4.36	ppb
Molybdenum	97-1	1.79	1.73	1.62	1.71	5.01	ppb
Molybdenum	98-1	1.50	1.64	1.63	1.59	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.13	-0.12	-0.14		ppb
Phosphorus	31-2	46.33	-14.91	6.54	12.65	245.60	ppb
Potassium	39-2	63631.23	64982.06	65228.43	64613.90	1.33	ppb
Rhodium	103-1				77		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	1.79	1.87	1.21	89.60	ppb
Selenium	82-1	5.19	4.33	4.08	4.53	12.85	ppb
Silicon	28-1	293.45	284.68	289.08	289.07	1.52	ppb
Silver	109-1	0.03	0.05	0.04	0.04	14.29	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.95	ppb
Sodium	23-2	1676220.11	1701214.14	1696291.88	1691242.05	0.78	ppb
Strontium	86-1	1195.62	1199.44	1192.68	1195.91	0.28	ppb
Strontium	88-1	1177.12	1179.27	1179.86	1178.75	0.12	ppb
Sulfur	34-1	153010.58	152118.66	153654.15	152927.80	0.50	ppb
Terbium	159-1				76		%
Terbium	159-2				97		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.66	0.66	0.66	0.66	0.22	ppb
Titanium	47-1	0.41	0.25	0.56	0.41	38.63	ppb
Uranium	238-1	0.49	0.45	0.50	0.48	5.25	ppb
Vanadium	51-2	0.43	0.50	0.46	0.46	7.37	ppb
Yttrium	89-1				83		%
Yttrium	89-2				103		%
Zinc	66-2	3.78	4.12	4.17	4.02	5.20	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	186.13	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

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

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2030.87	1850.67	2019.61	1967.05	5.13	ppb
Antimony	121-1	109.25	110.35	124.34	114.65	7.34	ppb
Arsenic	75-2	42.28	42.35	42.60	42.41	0.40	ppb
Barium	135-1	2223.99	2228.71	2485.33	2312.67	6.47	ppb
Barium	137-1	2192.72	2203.16	2470.71	2288.86	6.88	ppb
Beryllium	9-1	60.88	59.95	63.37	61.40	2.88	ppb
Bismuth	209-1				60		%
Bismuth	209-2				74		%
Boron	10-1	4296.53	4272.32	4723.76	4430.87	5.73	ppb
Boron	11-1	4177.36	4219.65	4613.20	4336.74	5.54	ppb
Cadmium	111-1	50.87	50.51	57.08	52.82	6.99	ppb
Cadmium	106-1	45.91	49.03	49.82	48.25	4.29	ppb
Cadmium	108-1	49.03	48.55	52.79	50.12	4.63	ppb
Calcium	43-1	312467.70	312257.58	346381.13	323702.14	6.07	ppb
Calcium	44-1	312109.74	316181.80	346758.23	325016.59	5.83	ppb
Chromium	52-2	190.79	189.63	190.13	190.18	0.31	ppb
Cobalt	59-2	440.68	441.00	433.42	438.37	0.98	ppb
Copper	63-2	205.82	205.53	205.50	205.61	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				74		%
Holmium	165-2				85		%
Indium	115-1				74		%
Indium	115-2				88		%
Iron	56-2	948.76	942.41	935.18	942.12	0.72	ppb
Iron	57-2	973.42	933.19	969.76	958.79	2.32	ppb
Lead	206-1	20.99	20.82	23.88	21.90	7.86	ppb
Lead	207-1	20.71	20.58	23.03	21.44	6.42	ppb
Lead	208-1	20.55	20.68	23.15	21.46	6.83	ppb
Lithium	6-1				68		%
Magnesium	24-2	961013.71	958338.70	960027.72	959793.38	0.14	ppb
Manganese	55-2	479.66	477.49	476.96	478.04	0.30	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.71	5.96	6.53	6.07	6.96	ppb
Molybdenum	95-1	8.38	8.46	9.47	8.77	6.90	ppb
Molybdenum	96-1	7.88	7.79	8.58	8.08	5.33	ppb
Molybdenum	97-1	8.47	8.88	9.80	9.05	7.51	ppb
Molybdenum	98-1	8.27	8.12	9.09	8.49	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	428.23	427.23	421.26	425.57	0.89	ppb
Phosphorus	31-2	53.18	97.27	117.81	89.42	36.93	ppb
Potassium	39-2	322113.10	323347.57	321358.79	322273.15	0.31	ppb
Rhodium	103-1				72		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				101		%
Selenium	77-2	166.89	120.57	96.55	128.00	27.93	ppb
Selenium	78-2	109.43	97.73	124.78	110.65	12.26	ppb
Selenium	82-1	105.36	102.98	104.72	104.35	1.18	ppb
Silicon	28-1	1414.45	1423.13	1590.33	1475.97	6.72	ppb
Silver	109-1	49.63	50.13	55.69	51.82	6.48	ppb
Silver	107-1	49.77	50.07	56.12	51.99	6.89	ppb
Sodium	23-2	8333027.29	8312055.11	8263367.52	8302816.64	0.43	ppb
Strontium	86-1	5658.69	5744.34	6410.83	5937.95	6.93	ppb
Strontium	88-1	5765.76	5780.54	6522.11	6022.80	7.18	ppb
Sulfur	34-1	739293.75	742502.49	823012.26	768269.50	6.17	ppb
Terbium	159-1				73		%
Terbium	159-2				84		%
Thallium	203-1	54.07	53.87	59.87	55.94	6.10	ppb
Thallium	205-1	53.76	53.25	59.68	55.56	6.44	ppb
Tin	118-1	0.66	0.62	0.69	0.66	5.79	ppb
Titanium	47-1	3.08	3.24	4.30	3.54	18.67	ppb
Uranium	238-1	2.53	2.45	2.69	2.56	4.76	ppb
Vanadium	51-2	495.30	493.91	495.65	494.95	0.19	ppb
Yttrium	89-1				80		%
Yttrium	89-2				95		%
Zinc	66-2	407.66	407.44	403.10	406.07	0.63	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	26.59	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.08	0.06	37.85	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:28:16	DataFile Name :	041SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.72	4.78	6.57	3.21	136.08	ppb
Antimony	121-1	1.05	1.12	1.06	1.08	3.75	ppb
Arsenic	75-2	2.36	2.21	1.95	2.18	9.65	ppb
Barium	135-1	10.66	10.66	10.38	10.57	1.57	ppb
Barium	137-1	10.56	10.65	10.51	10.58	0.70	ppb
Beryllium	9-1	0.01	-0.03	-0.06	-0.03		ppb
Bismuth	209-1				61		%
Bismuth	209-2				75		%
Boron	10-1	4423.19	4393.85	4382.26	4399.76	0.48	ppb
Boron	11-1	4324.00	4374.27	4286.22	4328.16	1.02	ppb
Cadmium	111-1	0.07	-0.05	0.25	0.09	175.74	ppb
Cadmium	106-1	0.27	-1.54	2.39	0.37	526.40	ppb
Cadmium	108-1	0.36	0.01	0.18	0.18	93.19	ppb
Calcium	43-1	319165.11	317710.83	319841.62	318905.85	0.34	ppb
Calcium	44-1	319031.06	317481.33	320037.68	318850.02	0.40	ppb
Chromium	52-2	0.37	0.26	0.23	0.29	25.15	ppb
Cobalt	59-2	0.03	0.01	0.04	0.03	71.37	ppb
Copper	63-2	1.76	1.74	1.89	1.80	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				75		%
Holmium	165-2				87		%
Indium	115-1				77		%
Indium	115-2				89		%
Iron	56-2	13.32	13.42	13.68	13.48	1.39	ppb
Iron	57-2	17.62	16.55	26.14	20.10	26.13	ppb
Lead	206-1	0.07	0.06	0.04	0.06	25.43	ppb
Lead	207-1	0.03	0.06	0.05	0.05	38.74	ppb
Lead	208-1	0.06	0.06	0.05	0.06	10.76	ppb
Lithium	6-1				69		%
Magnesium	24-2	976589.56	981928.61	989981.92	982833.36	0.69	ppb
Manganese	55-2	7.52	7.12	6.73	7.12	5.51	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:28:16	DataFile Name :	041SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.78	5.89	6.03	5.90	2.08	ppb
Molybdenum	95-1	8.55	8.48	8.52	8.52	0.39	ppb
Molybdenum	96-1	8.02	7.95	8.25	8.07	1.89	ppb
Molybdenum	97-1	9.40	8.47	9.35	9.07	5.76	ppb
Molybdenum	98-1	8.40	8.35	8.05	8.27	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.35	0.56	0.43	28.19	ppb
Phosphorus	31-2	7.41	96.14	97.69	67.08	77.05	ppb
Potassium	39-2	331023.38	332400.42	335416.35	332946.72	0.67	ppb
Rhodium	103-1				74		%
Rhodium	103-2				81		%
Scandium	45-1				88		%
Scandium	45-2				101		%
Selenium	77-2	11.96	0.00	11.96	7.97	86.60	ppb
Selenium	78-2	2.01	-0.95	2.01	1.02	167.18	ppb
Selenium	82-1	-0.15	-2.19	-2.93	-1.76		ppb
Silicon	28-1	1382.92	1377.10	1355.62	1371.88	1.05	ppb
Silver	109-1	0.02	0.05	0.01	0.03	70.65	ppb
Silver	107-1	0.04	0.03	0.03	0.03	21.68	ppb
Sodium	23-2	8469019.20	8504334.09	8569225.65	8514192.98	0.60	ppb
Strontium	86-1	5866.90	5795.85	5831.46	5831.40	0.61	ppb
Strontium	88-1	6024.00	5916.01	5906.22	5948.74	1.10	ppb
Sulfur	34-1	752797.97	759477.55	750673.18	754316.23	0.61	ppb
Terbium	159-1				76		%
Terbium	159-2				85		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.56	0.50	0.58	0.55	7.38	ppb
Titanium	47-1	2.89	2.76	2.91	2.85	2.76	ppb
Uranium	238-1	2.51	2.45	2.58	2.51	2.57	ppb
Vanadium	51-2	2.25	2.11	2.08	2.14	4.17	ppb
Yttrium	89-1				82		%
Yttrium	89-2				96		%
Zinc	66-2	1.68	1.69	2.01	1.79	10.52	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	40.65	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:28:16	DataFile Name :	041SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.07	0.06	0.05	54.90	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-15 Instrumnet Name : P8
 Client Sample ID : MA4ZC0 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 14:31:30 DataFile Name : 042SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79.64	100.68	85.20	88.51	12.32	ppb
Antimony	121-1	1.06	1.18	1.17	1.14	5.62	ppb
Arsenic	75-2	1.84	2.03	2.79	2.22	22.56	ppb
Barium	135-1	11.57	11.20	11.51	11.43	1.78	ppb
Barium	137-1	11.24	11.26	11.30	11.27	0.27	ppb
Beryllium	9-1	-0.04	-0.08	-0.02	-0.05		ppb
Bismuth	209-1				61		%
Bismuth	209-2				72		%
Boron	10-1	4555.11	4545.20	4563.34	4554.55	0.20	ppb
Boron	11-1	4402.51	4511.84	4466.06	4460.13	1.23	ppb
Cadmium	111-1	0.17	0.17	0.03	0.12	63.54	ppb
Cadmium	106-1	1.57	1.76	-0.22	1.04	105.09	ppb
Cadmium	108-1	-0.04	0.25	0.36	0.19	110.45	ppb
Calcium	43-1	331487.64	325963.84	333905.85	330452.44	1.23	ppb
Calcium	44-1	328046.02	330190.92	332297.48	330178.14	0.64	ppb
Chromium	52-2	0.79	0.57	0.68	0.68	16.00	ppb
Cobalt	59-2	0.10	0.07	0.05	0.07	36.49	ppb
Copper	63-2	2.79	2.45	2.57	2.61	6.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				74		%
Holmium	165-2				84		%
Indium	115-1				76		%
Indium	115-2				88		%
Iron	56-2	168.52	159.58	156.64	161.58	3.83	ppb
Iron	57-2	194.69	164.68	180.17	179.85	8.35	ppb
Lead	206-1	0.50	0.44	0.52	0.49	8.56	ppb
Lead	207-1	0.42	0.42	0.45	0.43	3.76	ppb
Lead	208-1	0.44	0.45	0.48	0.46	3.85	ppb
Lithium	6-1				68		%
Magnesium	24-2	1033385.52	987082.28	988588.52	1003018.77	2.62	ppb
Manganese	55-2	15.66	15.60	15.22	15.49	1.53	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-15	Instrumnet Name :	P8
Client Sample ID :	MA4ZC0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:31:30	DataFile Name :	042SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.87	6.48	6.03	6.13	5.18	ppb
Molybdenum	95-1	8.31	8.31	8.56	8.39	1.74	ppb
Molybdenum	96-1	8.04	8.13	8.07	8.08	0.55	ppb
Molybdenum	97-1	8.89	8.84	9.05	8.93	1.24	ppb
Molybdenum	98-1	8.31	8.77	8.36	8.48	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.38	0.39	0.43	20.51	ppb
Phosphorus	31-2	100.46	118.05	53.39	90.63	36.89	ppb
Potassium	39-2	351892.05	332093.79	338247.56	340744.47	2.97	ppb
Rhodium	103-1				74		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.03	1.06	1.10	1.06	3.20	ppb
Selenium	82-1	2.58	-5.17	-7.86	-3.49		ppb
Silicon	28-1	1609.26	1606.53	1710.12	1641.97	3.60	ppb
Silver	109-1	0.03	0.05	0.03	0.04	23.23	ppb
Silver	107-1	0.03	0.03	0.05	0.04	34.08	ppb
Sodium	23-2	9001488.52	8521953.94	8677956.63	8733799.70	2.80	ppb
Strontium	86-1	5896.27	5983.19	5959.23	5946.23	0.76	ppb
Strontium	88-1	6011.15	6066.68	6086.06	6054.63	0.64	ppb
Sulfur	34-1	777008.70	775799.33	783177.18	778661.74	0.51	ppb
Terbium	159-1				75		%
Terbium	159-2				83		%
Thallium	203-1	-0.02	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.01	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.57	0.66	0.51	0.58	12.97	ppb
Titanium	47-1	7.85	13.21	7.94	9.66	31.76	ppb
Uranium	238-1	2.55	2.60	2.58	2.58	1.12	ppb
Vanadium	51-2	2.48	2.40	2.26	2.38	4.67	ppb
Yttrium	89-1				82		%
Yttrium	89-2				95		%
Zinc	66-2	2.69	3.16	2.91	2.92	8.02	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	22.49	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-15	Instrumnet Name :	P8
Client Sample ID :	MA4ZC0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:31:30	DataFile Name :	042SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.06	0.05	35.36	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.88	20.89	1.69	14.16	76.32	ppb
Antimony	121-1	0.53	0.54	0.53	0.53	1.24	ppb
Arsenic	75-2	1.08	0.83	0.85	0.92	15.22	ppb
Barium	135-1	5.77	6.03	5.34	5.71	6.05	ppb
Barium	137-1	5.73	5.45	5.53	5.57	2.62	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				61		%
Bismuth	209-2				74		%
Boron	10-1	2256.75	2231.41	2325.76	2271.31	2.15	ppb
Boron	11-1	2321.94	2315.59	2360.83	2332.79	1.05	ppb
Cadmium	111-1	0.04	-0.03	0.08	0.03	179.83	ppb
Cadmium	106-1	0.09	-1.08	0.57	-0.14		ppb
Cadmium	108-1	0.01	-0.04	0.08	0.02	339.72	ppb
Calcium	43-1	164024.94	165284.01	166201.27	165170.07	0.66	ppb
Calcium	44-1	162021.52	164069.23	162814.70	162968.48	0.63	ppb
Chromium	52-2	0.29	0.28	0.40	0.32	21.29	ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	188.91	ppb
Copper	63-2	1.27	1.24	1.23	1.25	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				74		%
Holmium	165-2				84		%
Indium	115-1				77		%
Indium	115-2				90		%
Iron	56-2	28.63	28.56	27.48	28.22	2.29	ppb
Iron	57-2	38.56	24.58	30.50	31.21	22.49	ppb
Lead	206-1	0.23	0.24	0.21	0.23	6.89	ppb
Lead	207-1	0.19	0.19	0.21	0.20	5.89	ppb
Lead	208-1	0.21	0.20	0.22	0.21	3.33	ppb
Lithium	6-1				67		%
Magnesium	24-2	495414.94	487695.37	505315.27	496141.86	1.78	ppb
Manganese	55-2	5.72	5.08	5.45	5.42	5.89	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.14	3.15	3.00	3.10	2.73	ppb
Molybdenum	95-1	4.35	4.18	4.12	4.22	2.81	ppb
Molybdenum	96-1	3.93	3.99	3.99	3.97	0.85	ppb
Molybdenum	97-1	4.33	4.25	4.55	4.38	3.49	ppb
Molybdenum	98-1	4.21	4.20	4.20	4.21	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.11	0.20	0.15	30.78	ppb
Phosphorus	31-2	75.55	95.38	30.73	67.22	49.27	ppb
Potassium	39-2	171780.84	167696.13	172059.27	170512.08	1.43	ppb
Rhodium	103-1				74		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.11	-0.95	0.04	0.73	289.78	ppb
Selenium	82-1	7.99	6.77	8.29	7.68	10.51	ppb
Silicon	28-1	750.64	754.36	753.56	752.85	0.26	ppb
Silver	109-1	0.02	0.03	0.03	0.03	29.07	ppb
Silver	107-1	0.03	0.02	0.03	0.03	20.63	ppb
Sodium	23-2	4293541.09	4288974.36	4381430.44	4321315.30	1.21	ppb
Strontium	86-1	2985.94	3015.55	3004.56	3002.02	0.50	ppb
Strontium	88-1	3020.14	3033.40	3013.66	3022.40	0.33	ppb
Sulfur	34-1	381276.24	389081.80	382506.83	384288.29	1.09	ppb
Terbium	159-1				74		%
Terbium	159-2				84		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.56	0.55	0.57	0.56	1.82	ppb
Titanium	47-1	1.50	1.73	1.80	1.68	9.43	ppb
Uranium	238-1	1.27	1.25	1.29	1.27	1.81	ppb
Vanadium	51-2	1.22	1.18	1.03	1.15	8.81	ppb
Yttrium	89-1				81		%
Yttrium	89-2				95		%
Zinc	66-2	1.10	1.59	1.43	1.37	18.41	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	149.22	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.06	0.03	119.24	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-02DLX2 Instrumnet Name : P8
 Client Sample ID : MA4Z82 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-13 14:37:58 DataFile Name : 044SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.75	8.83	21.26	13.61	49.16	ppb
Antimony	121-1	0.50	0.52	0.59	0.54	9.24	ppb
Arsenic	75-2	0.92	1.44	1.07	1.14	23.39	ppb
Barium	135-1	5.82	5.99	6.43	6.08	5.18	ppb
Barium	137-1	5.66	5.72	6.41	5.93	7.01	ppb
Beryllium	9-1	-0.07	-0.03	0.00	-0.03		ppb
Bismuth	209-1				57		%
Bismuth	209-2				71		%
Boron	10-1	2202.17	2215.27	2573.58	2330.34	9.04	ppb
Boron	11-1	2270.06	2319.55	2621.36	2403.66	7.91	ppb
Cadmium	111-1	0.04	0.00	0.06	0.03	101.26	ppb
Cadmium	106-1	-0.15	-0.53	0.83	0.05	1419.22	ppb
Cadmium	108-1	-0.04	0.08	0.25	0.10	148.70	ppb
Calcium	43-1	163426.88	163824.82	189658.55	172303.42	8.72	ppb
Calcium	44-1	161937.92	162053.37	186780.29	170257.19	8.40	ppb
Chromium	52-2	0.43	0.40	0.39	0.41	4.32	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	84.89	ppb
Copper	63-2	1.40	1.26	1.18	1.28	8.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				69		%
Holmium	165-2				81		%
Indium	115-1				72		%
Indium	115-2				86		%
Iron	56-2	29.26	28.71	28.01	28.66	2.18	ppb
Iron	57-2	28.37	34.65	25.26	29.43	16.27	ppb
Lead	206-1	0.10	0.12	0.15	0.12	19.38	ppb
Lead	207-1	0.07	0.07	0.04	0.06	22.87	ppb
Lead	208-1	0.09	0.09	0.11	0.09	13.18	ppb
Lithium	6-1				63		%
Magnesium	24-2	503048.84	487105.49	498849.99	496334.77	1.66	ppb
Manganese	55-2	5.98	6.50	6.04	6.17	4.66	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:37:58	DataFile Name :	044SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.91	2.90	3.45	3.09	10.19	ppb
Molybdenum	95-1	4.31	4.18	5.05	4.52	10.36	ppb
Molybdenum	96-1	3.93	4.07	4.40	4.13	5.89	ppb
Molybdenum	97-1	4.23	4.41	4.55	4.39	3.63	ppb
Molybdenum	98-1	3.89	4.03	4.98	4.30	13.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	0.26	0.14	79.28	ppb
Phosphorus	31-2	56.65	126.44	32.81	71.97	67.61	ppb
Potassium	39-2	172518.00	169465.51	171832.17	171271.89	0.94	ppb
Rhodium	103-1				69		%
Rhodium	103-2				78		%
Scandium	45-1				80		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.14	1.15	1.14	1.14	0.39	ppb
Selenium	82-1	8.52	9.05	9.80	9.12	7.10	ppb
Silicon	28-1	768.40	778.95	923.40	823.58	10.52	ppb
Silver	109-1	0.04	0.03	0.05	0.04	18.52	ppb
Silver	107-1	0.03	0.01	0.02	0.02	63.04	ppb
Sodium	23-2	4392998.49	4264555.48	4261895.46	4306483.14	1.74	ppb
Strontium	86-1	3022.43	3012.59	3427.52	3154.18	7.51	ppb
Strontium	88-1	3035.98	3004.55	3463.43	3167.98	8.09	ppb
Sulfur	34-1	380709.29	380382.85	445951.93	402348.02	9.39	ppb
Terbium	159-1				69		%
Terbium	159-2				80		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.55	0.45	0.61	0.53	14.90	ppb
Titanium	47-1	1.39	1.49	1.98	1.62	19.57	ppb
Uranium	238-1	1.26	1.27	1.42	1.32	7.02	ppb
Vanadium	51-2	1.17	1.16	1.22	1.18	2.70	ppb
Yttrium	89-1				76		%
Yttrium	89-2				91		%
Zinc	66-2	0.94	1.74	1.22	1.30	31.10	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	48.15	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:37:58	DataFile Name :	044SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	47.17	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.93	37.65	66.77	57.12	29.51	ppb
Antimony	121-1	0.39	0.36	0.32	0.36	9.35	ppb
Arsenic	75-2	0.47	1.15	0.91	0.84	41.08	ppb
Barium	135-1	7.37	7.42	7.04	7.28	2.82	ppb
Barium	137-1	7.16	7.16	7.62	7.31	3.64	ppb
Beryllium	9-1	-0.09	-0.04	-0.04	-0.06		ppb
Bismuth	209-1				64		%
Bismuth	209-2				77		%
Boron	10-1	1607.99	1618.20	1621.35	1615.85	0.43	ppb
Boron	11-1	1661.74	1665.56	1667.75	1665.02	0.18	ppb
Cadmium	111-1	0.22	0.12	0.06	0.13	59.28	ppb
Cadmium	106-1	2.76	1.41	0.38	1.52	78.63	ppb
Cadmium	108-1	0.30	0.12	-0.10	0.10	190.13	ppb
Calcium	43-1	119499.89	119143.73	118955.03	119199.55	0.23	ppb
Calcium	44-1	118501.85	118079.08	117850.25	118143.73	0.28	ppb
Chromium	52-2	0.98	0.84	0.67	0.83	19.04	ppb
Cobalt	59-2	0.10	0.07	0.06	0.08	24.31	ppb
Copper	63-2	1.97	1.94	1.92	1.94	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				76		%
Holmium	165-2				88		%
Indium	115-1				80		%
Indium	115-2				92		%
Iron	56-2	120.68	119.92	117.82	119.47	1.24	ppb
Iron	57-2	112.21	128.20	125.03	121.81	6.95	ppb
Lead	206-1	0.53	0.54	0.59	0.55	5.94	ppb
Lead	207-1	0.45	0.47	0.49	0.47	3.45	ppb
Lead	208-1	0.50	0.52	0.53	0.51	2.87	ppb
Lithium	6-1				69		%
Magnesium	24-2	351453.45	354289.05	342704.39	349482.30	1.73	ppb
Manganese	55-2	8.99	9.03	8.25	8.76	4.99	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.89	3.02	2.98	2.96	2.17	ppb
Molybdenum	95-1	3.86	3.92	4.33	4.04	6.41	ppb
Molybdenum	96-1	3.87	3.90	4.05	3.94	2.39	ppb
Molybdenum	97-1	4.14	3.95	4.30	4.13	4.26	ppb
Molybdenum	98-1	4.21	4.28	4.16	4.21	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.30	0.37	0.37	18.26	ppb
Phosphorus	31-2	118.77	141.62	6.82	89.07	81.00	ppb
Potassium	39-2	123543.90	122634.13	118797.96	121658.66	2.07	ppb
Rhodium	103-1				77		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				102		%
Selenium	77-2	0.00	5.99	0.00	2.00	173.21	ppb
Selenium	78-2	3.89	1.03	2.97	2.63	55.58	ppb
Selenium	82-1	7.96	8.17	8.35	8.16	2.37	ppb
Silicon	28-1	1299.13	1263.54	1277.27	1279.98	1.40	ppb
Silver	109-1	0.02	0.03	0.05	0.03	51.17	ppb
Silver	107-1	0.04	0.03	0.03	0.03	23.05	ppb
Sodium	23-2	3080846.71	3081515.20	2982252.80	3048204.90	1.87	ppb
Strontium	86-1	2108.23	2118.43	2143.42	2123.36	0.85	ppb
Strontium	88-1	2122.01	2118.27	2123.00	2121.09	0.12	ppb
Sulfur	34-1	267782.59	267103.32	273508.36	269464.76	1.31	ppb
Terbium	159-1				77		%
Terbium	159-2				87		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.53	0.43	0.45	0.47	10.78	ppb
Titanium	47-1	4.35	4.63	4.20	4.39	4.91	ppb
Uranium	238-1	0.84	0.88	0.92	0.88	4.26	ppb
Vanadium	51-2	1.11	1.11	0.97	1.06	7.72	ppb
Yttrium	89-1				85		%
Yttrium	89-2				97		%
Zinc	66-2	8.50	9.24	8.72	8.82	4.33	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	21.77	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.04	0.04	20.77	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51277.22	51013.86	51443.23	51244.77	0.42	ppb
Antimony	121-1	529.99	540.90	540.70	537.20	1.16	ppb
Arsenic	75-2	506.29	507.64	514.45	509.46	0.86	ppb
Barium	135-1	2649.92	2678.48	2678.29	2668.90	0.62	ppb
Barium	137-1	2611.41	2668.42	2673.49	2651.11	1.30	ppb
Beryllium	9-1	513.26	511.28	506.71	510.42	0.66	ppb
Bismuth	209-1				78		%
Bismuth	209-2				83		%
Boron	10-1	530.78	526.48	535.97	531.08	0.89	ppb
Boron	11-1	516.25	534.07	529.20	526.50	1.75	ppb
Cadmium	111-1	516.60	527.70	522.53	522.28	1.06	ppb
Cadmium	106-1	527.37	534.78	544.81	535.65	1.63	ppb
Cadmium	108-1	523.15	526.21	533.25	527.54	0.98	ppb
Calcium	43-1	251413.89	248855.14	253133.57	251134.20	0.86	ppb
Calcium	44-1	252622.62	248488.02	252282.96	251131.20	0.91	ppb
Chromium	52-2	488.84	485.76	492.87	489.16	0.73	ppb
Cobalt	59-2	493.06	488.74	488.21	490.00	0.54	ppb
Copper	63-2	902.06	893.50	905.05	900.20	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				90		%
Iron	56-2	117513.20	116140.22	117971.95	117208.45	0.81	ppb
Iron	57-2	114808.81	114049.24	114898.83	114585.63	0.41	ppb
Lead	206-1	513.43	508.24	512.68	511.45	0.55	ppb
Lead	207-1	494.75	501.82	504.97	500.51	1.05	ppb
Lead	208-1	511.12	507.68	516.31	511.70	0.85	ppb
Lithium	6-1				89		%
Magnesium	24-2	256619.87	252886.52	256409.26	255305.22	0.82	ppb
Manganese	55-2	968.14	962.05	969.93	966.71	0.43	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2550.15	2536.77	2515.68	2534.20	0.69	ppb
Molybdenum	95-1	2512.80	2544.28	2515.10	2524.06	0.70	ppb
Molybdenum	96-1	2510.97	2508.63	2478.46	2499.35	0.73	ppb
Molybdenum	97-1	2534.08	2511.15	2503.79	2516.34	0.63	ppb
Molybdenum	98-1	2474.05	2489.35	2448.22	2470.54	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.18	477.22	486.99	482.13	1.01	ppb
Phosphorus	31-2	9253.37	10173.95	11351.17	10259.50	10.25	ppb
Potassium	39-2	136147.92	137504.84	138464.73	137372.50	0.85	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				99		%
Selenium	77-2	650.37	465.37	528.61	548.12	17.15	ppb
Selenium	78-2	523.69	498.74	503.41	508.61	2.61	ppb
Selenium	82-1	501.36	497.07	503.15	500.53	0.62	ppb
Silicon	28-1	573.74	539.67	548.95	554.12	3.18	ppb
Silver	109-1	532.95	545.16	540.89	539.67	1.15	ppb
Silver	107-1	529.08	537.64	538.86	535.19	1.00	ppb
Sodium	23-2	266374.62	262605.61	265735.81	264905.35	0.76	ppb
Strontium	86-1	511.16	514.31	513.52	513.00	0.32	ppb
Strontium	88-1	525.33	524.10	521.42	523.62	0.38	ppb
Sulfur	34-1	13060.46	12594.80	12542.11	12732.45	2.24	ppb
Terbium	159-1				86		%
Terbium	159-2				90		%
Thallium	203-1	514.71	510.47	516.57	513.92	0.61	ppb
Thallium	205-1	508.70	513.14	520.25	514.03	1.13	ppb
Tin	118-1	535.77	543.67	545.71	541.72	0.97	ppb
Titanium	47-1	2605.65	2550.66	2602.66	2586.32	1.20	ppb
Uranium	238-1	494.22	491.60	499.86	495.23	0.85	ppb
Vanadium	51-2	494.98	492.01	494.78	493.92	0.34	ppb
Yttrium	89-1				89		%
Yttrium	89-2				95		%
Zinc	66-2	914.74	896.95	913.38	908.36	1.09	ppb
Zirconium	90-1	513.11	509.34	513.71	512.05	0.46	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.25	496.88	490.83	495.98	0.96	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P8
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 15:08:42 DataFile Name : 049CCBE_P8121317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.00	-3.33	1.68	-2.22		ppb
Antimony	121-1	0.21	0.25	0.25	0.24	10.71	ppb
Arsenic	75-2	0.06	0.09	0.04	0.06	37.17	ppb
Barium	135-1	0.03	0.00	0.03	0.02	63.82	ppb
Barium	137-1	0.06	0.01	0.03	0.04	72.02	ppb
Beryllium	9-1	0.27	0.19	0.15	0.21	29.24	ppb
Bismuth	209-1				82		%
Bismuth	209-2				87		%
Boron	10-1	44.47	39.32	43.69	42.49	6.53	ppb
Boron	11-1	42.77	41.97	41.93	42.22	1.12	ppb
Cadmium	111-1	-0.07	0.03	-0.05	-0.03		ppb
Cadmium	106-1	-1.06	0.16	-0.80	-0.57		ppb
Cadmium	108-1	-0.01	-0.16	-0.06	-0.07		ppb
Calcium	43-1	19.75	15.72	37.12	24.20	47.01	ppb
Calcium	44-1	6.67	5.71	5.36	5.91	11.48	ppb
Chromium	52-2	0.01	0.10	0.13	0.08	82.59	ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.25	0.22	0.25	0.24	6.71	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				85		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				94		%
Iron	56-2	2.93	2.92	3.33	3.06	7.61	ppb
Iron	57-2	2.24	2.65	3.64	2.85	25.32	ppb
Lead	206-1	0.02	0.00	0.03	0.02	92.65	ppb
Lead	207-1	0.00	0.03	0.02	0.02	102.28	ppb
Lead	208-1	0.03	0.02	0.02	0.02	11.41	ppb
Lithium	6-1				92		%
Magnesium	24-2	18.23	12.55	9.93	13.57	31.26	ppb
Manganese	55-2	-0.03	0.06	0.09	0.04	146.82	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:08:42	DataFile Name :	049CCBE_P8121317-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.18	0.15	0.16	9.22	ppb
Molybdenum	95-1	0.22	0.29	0.19	0.23	22.55	ppb
Molybdenum	96-1	0.23	0.20	0.17	0.20	14.01	ppb
Molybdenum	97-1	0.25	0.21	0.19	0.22	14.84	ppb
Molybdenum	98-1	0.25	0.24	0.20	0.23	11.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.17	-0.14	-0.16		ppb
Phosphorus	31-2	-14.91	30.63	7.84	7.85	290.04	ppb
Potassium	39-2	100.87	118.43	97.28	105.53	10.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.06	3.09	0.06	1.40	110.07	ppb
Selenium	82-1	-0.64	-0.16	0.21	-0.20		ppb
Silicon	28-1	-28.21	-23.26	-23.83	-25.10		ppb
Silver	109-1	0.06	0.05	0.02	0.04	46.61	ppb
Silver	107-1	0.05	0.05	0.04	0.05	6.69	ppb
Sodium	23-2	2395.38	2355.43	2327.88	2359.56	1.44	ppb
Strontium	86-1	-0.02	0.10	0.05	0.04	143.26	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	31.06	ppb
Sulfur	34-1	284.65	767.21	566.00	539.29	44.95	ppb
Terbium	159-1				86		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.04	0.02	0.03	39.80	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	11.89	ppb
Tin	118-1	0.08	0.10	0.08	0.09	11.47	ppb
Titanium	47-1	0.08	0.19	0.11	0.12	46.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.24	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	156.72	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%
Zinc	66-2	0.13	-0.11	0.18	0.07	238.62	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.61	ppb

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:08:42	DataFile Name :	049CCBE_P8121317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.02	0.01	151.60	ppb

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:12:53 DataFile Name : 007CALB_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	17	92	33	47	83.40	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	42	8	17	22	78.07	cps
Barium	137-1	25	17	25	22	21.64	cps
Beryllium	9-1	128	67	122	106	32.01	cps
Bismuth	209-1	5670866	5710421	5740903	5707397	0.62	cps
Bismuth	209-2	1551167	1401289	1527851	1493435	5.40	cps
Boron	10-1	200	175	200	192	7.53	cps
Boron	11-1	650	800	825	758	12.48	cps
Cadmium	111-1	752	927	868	849	10.46	cps
Cadmium	106-1	1075	1317	1250	1214	10.28	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	1092	858	900	950	13.10	cps
Calcium	44-1	12856	12998	12823	12893	0.72	cps
Chromium	52-2	337	287	287	303	9.52	cps
Cobalt	59-2	57	57	43	52	14.75	cps
Copper	63-2	137	200	173	170	18.71	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	17	25	47	97.19	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	33	92	67	45.07	cps
Gadolinium	160-2	20	0	0	7	173.21	cps
Holmium	165-1	8222468	8278742	8157052	8219421	0.74	cps
Holmium	165-2	1919838	1732516	1892532	1848295	5.47	cps
Indium	115-1	6542369	6439238	6496149	6492585	0.80	cps
Indium	115-2	327647	296708	326871	317075	5.56	cps
Iron	56-2	1217	1095	1189	1167	5.49	cps
Iron	57-2	11	28	56	31	71.32	cps
Lead	206-1	511	417	389	439	14.60	cps
Lead	207-1	483	439	378	433	12.23	cps
Lead	208-1	1883	1711	1695	1763	5.93	cps
Lithium	6-1	1043631	1036188	1052739	1044186	0.79	cps
Magnesium	24-2	217	158	217	197	17.08	cps
Manganese	55-2	23	10	13	16	44.60	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:12:53	DataFile Name :	007CALB_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	233	125	164	36.78	cps
Molybdenum	95-1	8	42	42	31	62.99	cps
Molybdenum	96-1	75	33	83	64	41.93	cps
Molybdenum	97-1	8	50	83	47	79.58	cps
Molybdenum	98-1	25	33	42	33	25.01	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	157	160	158	1.22	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	2367	2584	2492	2481	4.39	cps
Rhodium	103-1	6088696	5974902	6034650	6032749	0.94	cps
Rhodium	103-2	1697529	1558258	1675684	1643824	4.56	cps
Scandium	45-1	3539610	3529627	3514506	3527914	0.36	cps
Scandium	45-2	34122	30537	33420	32693	5.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-6	-47	-90	-48	-87.52	cps
Silicon	28-1	437938	437425	433070	436145	0.61	cps
Silver	109-1	67	83	108	86	24.35	cps
Silver	107-1	67	125	183	125	46.67	cps
Sodium	23-2	2742	2584	2459	2595	5.47	cps
Strontium	86-1	500	575	550	542	7.05	cps
Strontium	88-1	117	117	83	106	18.23	cps
Sulfur	34-1	344168	346651	348245	346355	0.59	cps
Terbium	159-1	8556764	8657376	8512043	8575394	0.87	cps
Terbium	159-2	1883422	1705622	1859134	1816060	5.31	cps
Thallium	203-1	333	242	242	272	19.44	cps
Thallium	205-1	550	692	583	608	12.18	cps
Tin	118-1	592	517	542	550	6.94	cps
Titanium	47-1	92	125	92	103	18.73	cps
Uranium	238-1	92	92	17	67	64.95	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	6551404	6602663	6612326	6588797	0.50	cps
Yttrium	89-2	239887	216684	236511	231027	5.43	cps
Zinc	66-2	57	50	63	57	11.77	cps
Zirconium	90-1	367	442	433	414	9.93	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:12:53	DataFile Name :	007CALB_P8121317-MS

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:19:35 DataFile Name : 009CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	133	367	197	75.20	cps
Antimony	121-1	11747	11555	11647	11650	0.82	cps
Arsenic	75-2	78	78	91	82	9.11	cps
Barium	135-1	12698	12890	12139	12576	3.10	cps
Barium	137-1	22862	22245	21652	22253	2.72	cps
Beryllium	9-1	922	856	772	850	8.84	cps
Bismuth	209-1	5338528	5274124	5329502	5314051	0.66	cps
Bismuth	209-2	1417806	1431589	1439943	1429779	0.78	cps
Boron	10-1	2342	2042	2025	2136	8.34	cps
Boron	11-1	10046	10704	10029	10260	3.76	cps
Cadmium	111-1	1971	1915	2141	2009	5.85	cps
Cadmium	106-1	1325	1208	1375	1303	6.57	cps
Cadmium	108-1	104	92	108	101	8.56	cps
Calcium	43-1	6669	6210	6752	6543	4.46	cps
Calcium	44-1	106300	105201	106712	106071	0.74	cps
Chromium	52-2	1470	1473	1500	1481	1.11	cps
Cobalt	59-2	1270	1307	1247	1275	2.37	cps
Copper	63-2	2257	2207	2227	2230	1.13	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	0	7	37	14	135.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	92	25	58	58	57.14	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	7732130	7805337	7747120	7761529	0.50	cps
Holmium	165-2	1734184	1767482	1780691	1760786	1.36	cps
Indium	115-1	6179939	6069632	6072844	6107472	1.03	cps
Indium	115-2	301584	308070	305414	305023	1.07	cps
Iron	56-2	20171	20688	20933	20597	1.89	cps
Iron	57-2	494	611	511	539	11.71	cps
Lead	206-1	4129	4434	4401	4321	3.88	cps
Lead	207-1	3806	3962	3812	3860	2.29	cps
Lead	208-1	17233	17677	17550	17487	1.31	cps
Lithium	6-1	974753	972074	964223	970350	0.56	cps
Magnesium	24-2	9937	10087	10855	10293	4.78	cps
Manganese	55-2	180	180	273	211	25.53	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:19:35	DataFile Name :	009CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10104	9654	10229	9996	3.03	cps
Molybdenum	95-1	12189	11939	12515	12214	2.36	cps
Molybdenum	96-1	12715	12606	13040	12787	1.76	cps
Molybdenum	97-1	7344	7194	7244	7261	1.05	cps
Molybdenum	98-1	18806	19248	18989	19014	1.17	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	493	590	570	551	9.26	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	8620	9003	8628	8750	2.50	cps
Rhodium	103-1	5762450	5664663	5659158	5695423	1.02	cps
Rhodium	103-2	1581387	1584137	1572923	1579482	0.37	cps
Scandium	45-1	3363584	3326318	3293106	3327669	1.06	cps
Scandium	45-2	30787	31676	31956	31473	1.94	cps
Selenium	77-2	7	3	33	14	113.85	cps
Selenium	78-2	11	26	11	16	53.31	cps
Selenium	82-1	289	332	476	366	26.85	cps
Silicon	28-1	466365	461098	463572	463678	0.57	cps
Silver	109-1	5977	5685	5835	5832	2.50	cps
Silver	107-1	6060	6802	6335	6399	5.86	cps
Sodium	23-2	25031	24789	24747	24856	0.62	cps
Strontium	86-1	2375	2267	2275	2306	2.62	cps
Strontium	88-1	13274	13424	12798	13165	2.48	cps
Sulfur	34-1	341156	340349	345627	342377	0.83	cps
Terbium	159-1	8111055	8048964	8100024	8086681	0.41	cps
Terbium	159-2	1717366	1767866	1775063	1753432	1.79	cps
Thallium	203-1	5201	4468	5043	4904	7.87	cps
Thallium	205-1	11889	11706	12532	12042	3.60	cps
Tin	118-1	19624	20483	20433	20180	2.39	cps
Titanium	47-1	3092	3092	2842	3009	4.80	cps
Uranium	238-1	14701	14709	15010	14807	1.19	cps
Vanadium	51-2	1910	2004	2100	2005	4.74	cps
Yttrium	89-1	6278878	6193235	6222558	6231557	0.70	cps
Yttrium	89-2	218710	220690	220747	220049	0.53	cps
Zinc	66-2	293	287	227	269	13.66	cps
Zirconium	90-1	8903	8595	8853	8784	1.89	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:19:35	DataFile Name :	009CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1867	1675	2159	1900	12.81	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:23:07 DataFile Name : 010CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5235	5335	5210	5260	1.26	cps
Antimony	121-1	335198	334367	332927	334164	0.34	cps
Arsenic	75-2	4112	4299	4438	4283	3.82	cps
Barium	135-1	350927	351982	347312	350074	0.70	cps
Barium	137-1	615848	612494	604149	610830	0.99	cps
Beryllium	9-1	41739	41321	42029	41696	0.85	cps
Bismuth	209-1	5411258	5433082	5470846	5438395	0.55	cps
Bismuth	209-2	1478972	1478694	1525262	1494310	1.79	cps
Boron	10-1	4409	4476	4718	4534	3.58	cps
Boron	11-1	22243	21943	23428	22538	3.49	cps
Cadmium	111-1	70987	72189	71136	71437	0.92	cps
Cadmium	106-1	8178	7919	8320	8139	2.49	cps
Cadmium	108-1	4813	4964	5097	4958	2.86	cps
Calcium	43-1	65872	68192	67730	67265	1.83	cps
Calcium	44-1	1078266	1087273	1084855	1083465	0.43	cps
Chromium	52-2	31709	31362	32070	31714	1.12	cps
Cobalt	59-2	66813	66538	68216	67189	1.34	cps
Copper	63-2	116043	117424	118762	117409	1.16	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	8004756	7909074	7974643	7962824	0.61	cps
Holmium	165-2	1817632	1819608	1869694	1835645	1.61	cps
Indium	115-1	6170736	6210101	6178885	6186574	0.34	cps
Indium	115-2	315316	315747	320118	317060	0.84	cps
Iron	56-2	1084427	1076425	1100861	1087238	1.15	cps
Iron	57-2	27333	27255	26860	27149	0.93	cps
Lead	206-1	217832	218860	217956	218216	0.26	cps
Lead	207-1	199348	200426	197007	198927	0.88	cps
Lead	208-1	879740	895408	886597	887248	0.89	cps
Lithium	6-1	995280	995568	1015615	1002154	1.16	cps
Magnesium	24-2	114290	113769	115784	114614	0.91	cps
Manganese	55-2	18596	18519	18946	18687	1.22	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:23:07	DataFile Name :	010CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542191	541829	538836	540952	0.34	cps
Molybdenum	95-1	670376	668540	666443	668453	0.29	cps
Molybdenum	96-1	739296	744115	749708	744373	0.70	cps
Molybdenum	97-1	414802	412216	413444	413487	0.31	cps
Molybdenum	98-1	1064430	1075616	1071682	1070576	0.53	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	37	0	0	12	173.21	cps
Nickel	60-2	20035	19564	20212	19937	1.68	cps
Phosphorus	31-2	467	333	358	386	18.36	cps
Potassium	39-2	35780	36482	37985	36749	3.07	cps
Rhodium	103-1	5731537	5760268	5780617	5757474	0.43	cps
Rhodium	103-2	1622594	1613010	1646876	1627493	1.07	cps
Scandium	45-1	3422579	3404031	3413996	3413535	0.27	cps
Scandium	45-2	31716	32107	32595	32139	1.37	cps
Selenium	77-2	17	63	10	30	96.87	cps
Selenium	78-2	80	91	115	95	18.92	cps
Selenium	82-1	4196	4411	4356	4321	2.59	cps
Silicon	28-1	568493	573923	565412	569276	0.76	cps
Silver	109-1	331956	331330	330620	331302	0.20	cps
Silver	107-1	347871	348520	346431	347607	0.31	cps
Sodium	23-2	260535	257537	263733	260602	1.19	cps
Strontium	86-1	83773	84125	82717	83538	0.88	cps
Strontium	88-1	736797	734858	734198	735284	0.18	cps
Sulfur	34-1	366502	365613	366750	366289	0.16	cps
Terbium	159-1	8239126	8288463	8325306	8284298	0.52	cps
Terbium	159-2	1823263	1796459	1835269	1818330	1.09	cps
Thallium	203-1	269139	269144	266264	268182	0.62	cps
Thallium	205-1	637563	639471	637357	638130	0.18	cps
Tin	118-1	226420	223959	222309	224229	0.92	cps
Titanium	47-1	163899	165408	168200	165836	1.32	cps
Uranium	238-1	867586	865850	875884	869773	0.62	cps
Vanadium	51-2	23473	23707	22979	23386	1.59	cps
Yttrium	89-1	6424477	6357829	6358112	6380139	0.60	cps
Yttrium	89-2	226700	228211	231600	228837	1.10	cps
Zinc	66-2	11158	11338	11505	11334	1.53	cps
Zirconium	90-1	450708	448300	447950	448986	0.33	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:23:07	DataFile Name :	010CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100990	98421	99923	99778	1.29	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:26:37	DataFile Name :	011CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11572	12548	12298	12139	4.18	cps
Antimony	121-1	865434	879115	876058	873535	0.82	cps
Arsenic	75-2	11016	10543	10489	10683	2.71	cps
Barium	135-1	909225	913988	928703	917305	1.11	cps
Barium	137-1	1600417	1604855	1646910	1617394	1.59	cps
Beryllium	9-1	104936	105209	107783	105976	1.48	cps
Bismuth	209-1	5734819	5776236	5981510	5830855	2.27	cps
Bismuth	209-2	1540110	1551397	1548101	1546536	0.38	cps
Boron	10-1	11280	11747	11580	11536	2.05	cps
Boron	11-1	52982	55291	57432	55235	4.03	cps
Cadmium	111-1	180933	182300	186415	183216	1.56	cps
Cadmium	106-1	19390	19098	19840	19443	1.92	cps
Cadmium	108-1	13144	13336	13098	13193	0.96	cps
Calcium	43-1	165623	168305	169148	167692	1.10	cps
Calcium	44-1	2694573	2729069	2743864	2722502	0.93	cps
Chromium	52-2	76608	75898	76230	76245	0.47	cps
Cobalt	59-2	165496	164805	161867	164056	1.17	cps
Copper	63-2	290929	287157	286750	288279	0.80	cps
Dysprosium	156-1	42	58	17	39	53.93	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	8	67	42	72.12	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	83	42	117	81	46.64	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	8232048	8525327	8696246	8484540	2.77	cps
Holmium	165-2	1913863	1907120	1905992	1908992	0.22	cps
Indium	115-1	6334119	6465789	6628980	6476296	2.28	cps
Indium	115-2	320766	321453	319376	320532	0.33	cps
Iron	56-2	2763699	2718824	2708607	2730377	1.07	cps
Iron	57-2	66659	68965	65688	67104	2.51	cps
Lead	206-1	571113	579981	591294	580796	1.74	cps
Lead	207-1	520553	528411	535850	528271	1.45	cps
Lead	208-1	2334765	2370852	2400695	2368770	1.39	cps
Lithium	6-1	1031765	1042550	1047243	1040519	0.76	cps
Magnesium	24-2	276804	273363	271243	273804	1.03	cps
Manganese	55-2	46397	45708	45618	45908	0.93	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:26:37	DataFile Name :	011CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1378168	1378420	1426963	1394517	2.01	cps
Molybdenum	95-1	1744589	1753105	1798625	1765440	1.65	cps
Molybdenum	96-1	1934021	1935461	1959398	1942960	0.73	cps
Molybdenum	97-1	1069728	1065963	1085456	1073715	0.96	cps
Molybdenum	98-1	2775333	2803368	2816998	2798566	0.76	cps
Neodymium	150-1	7	53	33	31	75.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	49688	49013	47872	48858	1.88	cps
Phosphorus	31-2	983	867	900	917	6.56	cps
Potassium	39-2	85333	83422	81897	83551	2.06	cps
Rhodium	103-1	5963725	6025250	6079077	6022684	0.96	cps
Rhodium	103-2	1676263	1691243	1670692	1679399	0.63	cps
Scandium	45-1	3390368	3503972	3520493	3471611	2.04	cps
Scandium	45-2	32154	31813	31876	31948	0.57	cps
Selenium	77-2	77	53	50	60	24.22	cps
Selenium	78-2	274	298	267	280	5.89	cps
Selenium	82-1	11092	11394	11226	11238	1.34	cps
Silicon	28-1	766423	768659	776981	770688	0.72	cps
Silver	109-1	854828	861222	875958	864003	1.25	cps
Silver	107-1	884960	893810	911184	896651	1.49	cps
Sodium	23-2	634509	621420	616648	624192	1.48	cps
Strontium	86-1	213646	215300	220275	216407	1.59	cps
Strontium	88-1	1894642	1903939	1961264	1919948	1.88	cps
Sulfur	34-1	389540	390051	384829	388140	0.74	cps
Terbium	159-1	8554520	8757425	8933815	8748587	2.17	cps
Terbium	159-2	1872528	1895933	1888519	1885660	0.63	cps
Thallium	203-1	708147	708930	726766	714614	1.47	cps
Thallium	205-1	1696228	1736591	1745986	1726268	1.53	cps
Tin	118-1	566983	580022	582851	576618	1.47	cps
Titanium	47-1	419288	418192	424527	420669	0.80	cps
Uranium	238-1	2399281	2383294	2430387	2404321	1.00	cps
Vanadium	51-2	58448	56149	56831	57143	2.07	cps
Yttrium	89-1	6448201	6606581	6648313	6567698	1.61	cps
Yttrium	89-2	232654	234543	232369	233189	0.51	cps
Zinc	66-2	27057	27287	27237	27194	0.45	cps
Zirconium	90-1	1151282	1143989	1167195	1154155	1.03	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:26:37	DataFile Name :	011CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	253434	256876	259547	256619	1.19	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22961	23345	22953	23086	0.97	cps
Antimony	121-1	1805321	1786815	1782759	1791632	0.67	cps
Arsenic	75-2	20534	20538	20413	20495	0.35	cps
Barium	135-1	1908877	1880955	1875052	1888295	0.96	cps
Barium	137-1	3284606	3291346	3253353	3276435	0.62	cps
Beryllium	9-1	207704	208020	206093	207273	0.50	cps
Bismuth	209-1	5905341	5979506	6105680	5996842	1.69	cps
Bismuth	209-2	1528283	1522770	1519413	1523489	0.29	cps
Boron	10-1	22810	23211	23787	23270	2.11	cps
Boron	11-1	110221	112631	112437	111763	1.20	cps
Cadmium	111-1	369254	372029	376901	372728	1.04	cps
Cadmium	106-1	37352	38439	39233	38341	2.46	cps
Cadmium	108-1	26163	25821	25729	25904	0.88	cps
Calcium	43-1	332132	334534	332169	332945	0.41	cps
Calcium	44-1	5347509	5329056	5376489	5351018	0.45	cps
Chromium	52-2	148302	146497	145517	146772	0.96	cps
Cobalt	59-2	318818	320075	315038	317977	0.82	cps
Copper	63-2	559684	559345	553882	557637	0.58	cps
Dysprosium	156-1	42	33	17	31	41.65	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	8714880	8710260	8740767	8721969	0.19	cps
Holmium	165-2	1902956	1887837	1882001	1890931	0.57	cps
Indium	115-1	6583978	6530385	6543705	6552689	0.43	cps
Indium	115-2	309879	306670	306769	307772	0.59	cps
Iron	56-2	5166300	5188525	5104774	5153200	0.84	cps
Iron	57-2	129429	130354	129501	129761	0.40	cps
Lead	206-1	1202988	1210811	1218646	1210815	0.65	cps
Lead	207-1	1088013	1101339	1110148	1099833	1.01	cps
Lead	208-1	4967890	5000240	5038398	5002176	0.71	cps
Lithium	6-1	1017119	1041843	1023800	1027587	1.24	cps
Magnesium	24-2	526407	526467	518821	523898	0.84	cps
Manganese	55-2	89028	89051	86740	88273	1.50	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2861398	2838097	2868021	2855839	0.55	cps
Molybdenum	95-1	3559317	3568024	3503534	3543625	0.99	cps
Molybdenum	96-1	3905166	3944474	3934508	3928049	0.52	cps
Molybdenum	97-1	2194159	2199832	2211456	2201816	0.40	cps
Molybdenum	98-1	5571239	5663677	5637672	5624196	0.85	cps
Neodymium	150-1	80	113	53	82	36.56	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	95175	94280	93353	94270	0.97	cps
Phosphorus	31-2	1767	1667	1909	1781	6.82	cps
Potassium	39-2	157092	155061	156173	156109	0.65	cps
Rhodium	103-1	5957514	5951001	6069001	5992505	1.11	cps
Rhodium	103-2	1632244	1633313	1619548	1628369	0.47	cps
Scandium	45-1	3423639	3433960	3449659	3435753	0.38	cps
Scandium	45-2	30406	28880	29371	29552	2.64	cps
Selenium	77-2	113	130	123	122	6.86	cps
Selenium	78-2	489	489	437	472	6.35	cps
Selenium	82-1	22732	22321	22351	22468	1.02	cps
Silicon	28-1	942811	930602	929362	934258	0.80	cps
Silver	109-1	1752436	1748463	1761481	1754127	0.38	cps
Silver	107-1	1839731	1822638	1838491	1833620	0.52	cps
Sodium	23-2	1224972	1221287	1174391	1206883	2.34	cps
Strontium	86-1	436045	434412	436825	435761	0.28	cps
Strontium	88-1	3915865	3836026	3830398	3860763	1.24	cps
Sulfur	34-1	420295	417454	415967	417905	0.53	cps
Terbium	159-1	8899204	8870705	9029020	8932977	0.94	cps
Terbium	159-2	1877914	1856080	1843788	1859261	0.93	cps
Thallium	203-1	1497198	1495127	1492644	1494989	0.15	cps
Thallium	205-1	3569167	3591590	3628741	3596500	0.84	cps
Tin	118-1	1180947	1164705	1172899	1172850	0.69	cps
Titanium	47-1	834171	829622	836217	833337	0.41	cps
Uranium	238-1	4919989	4940706	4975242	4945312	0.56	cps
Vanadium	51-2	111251	110948	109396	110532	0.90	cps
Yttrium	89-1	6688697	6664260	6653326	6668761	0.27	cps
Yttrium	89-2	224814	222321	220807	222648	0.91	cps
Zinc	66-2	53068	52596	52392	52685	0.66	cps
Zirconium	90-1	2396560	2369969	2381766	2382765	0.56	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:30:04	DataFile Name :	012CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	523774	519451	524622	522616	0.53	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44203	43660	44011	43958	0.63	cps
Antimony	121-1	3532096	3569547	3566680	3556108	0.59	cps
Arsenic	75-2	39776	39111	38938	39275	1.13	cps
Barium	135-1	3735960	3791563	3771830	3766451	0.75	cps
Barium	137-1	6449812	6626395	6527319	6534509	1.35	cps
Beryllium	9-1	394847	396621	394760	395409	0.27	cps
Bismuth	209-1	6063646	6104957	6014032	6060878	0.75	cps
Bismuth	209-2	1517908	1509517	1520638	1516021	0.38	cps
Boron	10-1	43567	45105	44470	44381	1.74	cps
Boron	11-1	207614	214810	218210	213545	2.53	cps
Cadmium	111-1	726227	738880	736468	733859	0.92	cps
Cadmium	106-1	74640	75411	73358	74470	1.39	cps
Cadmium	108-1	51666	51753	51866	51762	0.19	cps
Calcium	43-1	647174	650897	645635	647902	0.42	cps
Calcium	44-1	10438838	10545945	10367453	10450745	0.86	cps
Chromium	52-2	282935	279957	277501	280131	0.97	cps
Cobalt	59-2	610969	608113	598775	605952	1.05	cps
Copper	63-2	1071630	1069393	1059412	1066812	0.61	cps
Dysprosium	156-1	25	33	92	50	72.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	8722506	8818155	8860910	8800524	0.81	cps
Holmium	165-2	1899542	1882586	1893376	1891835	0.45	cps
Indium	115-1	6428205	6542744	6543548	6504832	1.02	cps
Indium	115-2	301123	301029	298505	300219	0.49	cps
Iron	56-2	9926492	9782319	9689783	9799531	1.22	cps
Iron	57-2	250948	247395	243157	247167	1.58	cps
Lead	206-1	2446430	2493030	2457967	2465809	0.98	cps
Lead	207-1	2290600	2273191	2270201	2277997	0.48	cps
Lead	208-1	10173748	10238265	10153217	10188410	0.44	cps
Lithium	6-1	1002777	1020281	1007925	1010328	0.89	cps
Magnesium	24-2	1004630	995760	982286	994225	1.13	cps
Manganese	55-2	168596	166495	165824	166971	0.87	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5534584	5650905	5561893	5582461	1.09	cps
Molybdenum	95-1	6870992	6966024	7004853	6947290	0.99	cps
Molybdenum	96-1	7692621	7764211	7661731	7706188	0.68	cps
Molybdenum	97-1	4295970	4383279	4317922	4332390	1.05	cps
Molybdenum	98-1	11056120	11228650	11089429	11124733	0.82	cps
Neodymium	150-1	107	167	133	136	22.18	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	178599	178848	176467	177972	0.74	cps
Phosphorus	31-2	3317	3334	3276	3309	0.91	cps
Potassium	39-2	294241	292129	289800	292057	0.76	cps
Rhodium	103-1	5939045	5921896	5952559	5937833	0.26	cps
Rhodium	103-2	1616029	1589932	1595466	1600476	0.86	cps
Scandium	45-1	3359869	3374228	3359199	3364432	0.25	cps
Scandium	45-2	28796	28345	28836	28659	0.95	cps
Selenium	77-2	280	277	270	276	1.85	cps
Selenium	78-2	894	919	967	927	3.97	cps
Selenium	82-1	44328	44599	43976	44301	0.71	cps
Silicon	28-1	1377608	1396152	1383131	1385630	0.69	cps
Silver	109-1	3424383	3502230	3476136	3467583	1.14	cps
Silver	107-1	3609009	3635409	3584361	3609593	0.71	cps
Sodium	23-2	2284816	2258024	2236680	2259840	1.07	cps
Strontium	86-1	856915	866103	858122	860380	0.58	cps
Strontium	88-1	7443219	7586614	7449275	7493036	1.08	cps
Sulfur	34-1	486205	493571	484200	487992	1.01	cps
Terbium	159-1	8996436	9015432	9099595	9037155	0.61	cps
Terbium	159-2	1865178	1864272	1885260	1871570	0.63	cps
Thallium	203-1	3035549	3066937	3039182	3047223	0.56	cps
Thallium	205-1	7126292	7284229	7180054	7196858	1.12	cps
Tin	118-1	2338429	2398803	2370686	2369306	1.28	cps
Titanium	47-1	1643344	1677975	1646788	1656036	1.15	cps
Uranium	238-1	9906525	10042785	9954541	9967950	0.69	cps
Vanadium	51-2	212759	212107	208656	211174	1.04	cps
Yttrium	89-1	6586902	6587048	6635708	6603219	0.43	cps
Yttrium	89-2	218576	216355	218406	217779	0.57	cps
Zinc	66-2	101068	101333	98976	100459	1.28	cps
Zirconium	90-1	4603633	4666151	4651778	4640521	0.71	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:33:24	DataFile Name :	013CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025126	1041882	1033880	1033629	0.81	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:36:40 DataFile Name : 014CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81274	82783	80922	81660	1.21	cps
Antimony	121-1	7145709	7099453	7129910	7125024	0.33	cps
Arsenic	75-2	75138	75940	74769	75282	0.80	cps
Barium	135-1	7593194	7526473	7550556	7556741	0.45	cps
Barium	137-1	13204083	13264683	13203954	13224240	0.26	cps
Beryllium	9-1	755551	756581	750331	754154	0.44	cps
Bismuth	209-1	6225485	6177106	6246538	6216376	0.57	cps
Bismuth	209-2	1487259	1496486	1495393	1493046	0.34	cps
Boron	10-1	88959	87180	89084	88408	1.20	cps
Boron	11-1	421248	421702	427662	423537	0.85	cps
Cadmium	111-1	1463594	1475310	1476192	1471699	0.48	cps
Cadmium	106-1	147808	148509	146682	147666	0.62	cps
Cadmium	108-1	103427	104102	103070	103533	0.51	cps
Calcium	43-1	1296123	1292559	1278307	1288996	0.73	cps
Calcium	44-1	20404806	20277692	20308869	20330456	0.33	cps
Chromium	52-2	531054	529666	530883	530535	0.14	cps
Cobalt	59-2	1162188	1154303	1153640	1156710	0.41	cps
Copper	63-2	2059174	2036589	2056901	2050888	0.61	cps
Dysprosium	156-1	58	58	92	69	27.71	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	92	117	33	81	53.09	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	8902084	8984597	9007379	8964687	0.62	cps
Holmium	165-2	1881626	1893057	1876696	1883793	0.45	cps
Indium	115-1	6377790	6504855	6432934	6438526	0.99	cps
Indium	115-2	284774	284717	285050	284847	0.06	cps
Iron	56-2	18564475	18656237	18494337	18571683	0.44	cps
Iron	57-2	473129	468473	468501	470034	0.57	cps
Lead	206-1	5012627	5077365	5049294	5046428	0.64	cps
Lead	207-1	4629459	4651740	4663431	4648210	0.37	cps
Lead	208-1	20734331	20697434	20834921	20755562	0.34	cps
Lithium	6-1	961516	953378	971578	962157	0.95	cps
Magnesium	24-2	1901147	1894432	1862640	1886073	1.09	cps
Manganese	55-2	318731	317489	312932	316384	0.96	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:36:40	DataFile Name :	014CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10998921	11088653	11043859	11043811	0.41	cps
Molybdenum	95-1	13884610	13824093	13908651	13872451	0.31	cps
Molybdenum	96-1	15432636	15539016	15451765	15474473	0.37	cps
Molybdenum	97-1	8486990	8646498	8549198	8560895	0.94	cps
Molybdenum	98-1	22517890	22286044	22189929	22331288	0.75	cps
Neodymium	150-1	240	280	253	258	7.90	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	337242	338456	336385	337361	0.31	cps
Phosphorus	31-2	6360	5768	5960	6029	5.01	cps
Potassium	39-2	540069	535570	533706	536448	0.61	cps
Rhodium	103-1	5832294	5837363	5840552	5836736	0.07	cps
Rhodium	103-2	1517378	1552143	1519312	1529611	1.28	cps
Scandium	45-1	3269121	3292970	3319898	3293997	0.77	cps
Scandium	45-2	27173	27110	26742	27008	0.86	cps
Selenium	77-2	580	527	473	527	10.13	cps
Selenium	78-2	1739	1722	1785	1749	1.87	cps
Selenium	82-1	88283	87913	87222	87806	0.61	cps
Silicon	28-1	2298737	2218638	2217817	2245064	2.07	cps
Silver	109-1	6793210	6800065	6783433	6792236	0.12	cps
Silver	107-1	7092141	7075081	7048531	7071918	0.31	cps
Sodium	23-2	4214817	4193648	4173983	4194149	0.49	cps
Strontium	86-1	1737412	1759498	1752813	1749908	0.65	cps
Strontium	88-1	14973827	15109534	14970003	15017788	0.53	cps
Sulfur	34-1	646335	643265	633474	641025	1.05	cps
Terbium	159-1	9228501	9196253	9271954	9232236	0.41	cps
Terbium	159-2	1858837	1837728	1836351	1844305	0.68	cps
Thallium	203-1	6141232	6174436	6154317	6156662	0.27	cps
Thallium	205-1	14572829	14695254	14795930	14688004	0.76	cps
Tin	118-1	4726691	4717482	4756756	4733643	0.43	cps
Titanium	47-1	3178912	3172628	3202714	3184752	0.50	cps
Uranium	238-1	20975867	20764076	20846741	20862228	0.51	cps
Vanadium	51-2	403022	398953	398020	399998	0.66	cps
Yttrium	89-1	6558712	6478746	6582661	6540040	0.83	cps
Yttrium	89-2	209121	210353	206215	208563	1.02	cps
Zinc	66-2	191701	191502	190268	191157	0.41	cps
Zirconium	90-1	9208799	9260831	9299401	9256344	0.49	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:36:40	DataFile Name :	014CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2106054	2125467	2126017	2119179	0.54	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 12:39:54 DataFile Name : 015CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	421635	420456	419940	420677	0.21	cps
Antimony	121-1	7578	7302	8170	7683	5.77	cps
Arsenic	75-2	41	33	30	35	16.37	cps
Barium	135-1	2075	2109	1884	2022	6.01	cps
Barium	137-1	3451	3684	3176	3437	7.41	cps
Beryllium	9-1	378	422	383	394	6.14	cps
Bismuth	209-1	5819113	5826052	5794099	5813088	0.29	cps
Bismuth	209-2	1404457	1401572	1398757	1401595	0.20	cps
Boron	10-1	3609	3501	3159	3423	6.86	cps
Boron	11-1	17762	16176	15760	16566	6.38	cps
Cadmium	111-1	1191	1203	1098	1164	4.94	cps
Cadmium	106-1	1233	1392	1158	1261	9.45	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	6313735	6270945	6331885	6305522	0.50	cps
Calcium	44-1	101780161	101841002	102199988	101940384	0.22	cps
Chromium	52-2	4764	4874	4824	4821	1.14	cps
Cobalt	59-2	1260	1337	1253	1283	3.61	cps
Copper	63-2	2337	2150	2147	2211	4.92	cps
Dysprosium	156-1	17	58	83	53	63.81	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	10	0	27	12	110.23	cps
Gadolinium	160-1	108	75	67	83	26.46	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	8735017	8851890	8683922	8756943	0.98	cps
Holmium	165-2	1856736	1858329	1870734	1861933	0.41	cps
Indium	115-1	6214576	6149610	6194607	6186264	0.54	cps
Indium	115-2	285677	284952	284729	285119	0.17	cps
Iron	56-2	92537138	91956738	91955044	92149640	0.36	cps
Iron	57-2	2377706	2352212	2348884	2359600	0.67	cps
Lead	206-1	6835	6663	6763	6754	1.28	cps
Lead	207-1	5963	5768	5624	5785	2.94	cps
Lead	208-1	27045	26495	26640	26727	1.07	cps
Lithium	6-1	936294	955062	960364	950573	1.33	cps
Magnesium	24-2	9398419	9412532	9352273	9387742	0.34	cps
Manganese	55-2	700	773	810	761	7.36	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:39:54	DataFile Name :	015CAL5_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3667	3717	3734	3706	0.94	cps
Molybdenum	95-1	6727	6127	6352	6402	4.74	cps
Molybdenum	96-1	7628	7819	7936	7794	2.00	cps
Molybdenum	97-1	3442	3717	3292	3484	6.19	cps
Molybdenum	98-1	9045	9203	9045	9098	1.00	cps
Neodymium	150-1	73	53	53	60	19.24	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	2164	1990	2007	2054	4.66	cps
Phosphorus	31-2	42	0	8	17	132.30	cps
Potassium	39-2	2746571	2739166	2755003	2746914	0.29	cps
Rhodium	103-1	5511958	5569671	5530801	5537477	0.53	cps
Rhodium	103-2	1454650	1453011	1461072	1456244	0.29	cps
Scandium	45-1	3239344	3284812	3282708	3268955	0.79	cps
Scandium	45-2	27427	27480	27203	27370	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	100	46	-14	44	129.84	cps
Silicon	28-1	537504	547672	547827	544335	1.09	cps
Silver	109-1	633	583	542	586	7.83	cps
Silver	107-1	608	608	675	631	6.11	cps
Sodium	23-2	21185415	21007138	21177236	21123263	0.48	cps
Strontium	86-1	55690	56209	56644	56181	0.85	cps
Strontium	88-1	494625	492277	495193	494032	0.31	cps
Sulfur	34-1	290130	291440	292963	291511	0.49	cps
Terbium	159-1	8960092	9008800	9012495	8993796	0.33	cps
Terbium	159-2	1814316	1802667	1809223	1808735	0.32	cps
Thallium	203-1	2684	2534	2367	2528	6.27	cps
Thallium	205-1	5768	5735	5960	5821	2.09	cps
Tin	118-1	5218	4626	4718	4854	6.56	cps
Titanium	47-1	433	450	475	453	4.63	cps
Uranium	238-1	867	758	850	825	7.07	cps
Vanadium	51-2	60	100	77	79	25.47	cps
Yttrium	89-1	6383986	6355483	6406528	6381999	0.40	cps
Yttrium	89-2	208068	208794	211020	209294	0.73	cps
Zinc	66-2	623	537	540	567	8.67	cps
Zirconium	90-1	1067	1092	1083	1081	1.18	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 12:39:54	DataFile Name :	015CALS_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	208	258	250	15.28	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:03:06	DataFile Name :	016ICV_P8121317-MS .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2542	2167	2175	2295	9.33	cps
Antimony	121-1	1304284	1301751	1325325	1310454	0.99	cps
Arsenic	75-2	15097	15453	15690	15414	1.94	cps
Barium	135-1	140236	140583	141935	140918	0.64	cps
Barium	137-1	241865	244444	246047	244119	0.86	cps
Beryllium	9-1	78625	79122	77949	78566	0.75	cps
Bismuth	209-1	5974145	5965166	6014673	5984661	0.44	cps
Bismuth	209-2	1498140	1497916	1507812	1501289	0.38	cps
Boron	10-1	47864	49319	51009	49397	3.19	cps
Boron	11-1	230988	237554	241482	236675	2.24	cps
Cadmium	111-1	144593	143773	144534	144300	0.32	cps
Cadmium	106-1	23638	24231	23772	23880	1.30	cps
Cadmium	108-1	12773	13065	13090	12976	1.36	cps
Calcium	43-1	28505	28138	28789	28477	1.15	cps
Calcium	44-1	440108	447629	441735	443157	0.89	cps
Chromium	52-2	55470	55928	55025	55474	0.81	cps
Cobalt	59-2	122900	120895	123094	122296	1.00	cps
Copper	63-2	107532	106346	108765	107547	1.12	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	13	7	23	14	58.06	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	13	23	13	17	34.65	cps
Holmium	165-1	8480476	8355834	8513650	8449987	0.98	cps
Holmium	165-2	1859904	1860602	1875313	1865273	0.47	cps
Indium	115-1	6365155	6343102	6396436	6368231	0.42	cps
Indium	115-2	299888	296945	299773	298869	0.56	cps
Iron	56-2	391869	391707	395115	392897	0.49	cps
Iron	57-2	10059	9998	10421	10160	2.25	cps
Lead	206-1	932683	942239	936164	937029	0.52	cps
Lead	207-1	820276	817711	821822	819936	0.25	cps
Lead	208-1	3880939	3854317	3857595	3864284	0.38	cps
Lithium	6-1	1003003	1024239	1013488	1013577	1.05	cps
Magnesium	24-2	24513	24313	23746	24191	1.65	cps
Manganese	55-2	16984	16543	16697	16741	1.34	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:03:06	DataFile Name :	016ICV_P8121317-MS .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2804079	2786805	2825832	2805572	0.70	cps
Molybdenum	95-1	1550799	1538235	1562925	1550653	0.80	cps
Molybdenum	96-1	1984631	1984193	2007219	1992014	0.66	cps
Molybdenum	97-1	926177	937283	946032	936498	1.06	cps
Molybdenum	98-1	2445589	2473682	2491617	2470296	0.94	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	35482	36084	36692	36086	1.68	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	25207	25749	24063	25006	3.44	cps
Rhodium	103-1	5884719	5910739	5957098	5917519	0.62	cps
Rhodium	103-2	1634733	1612002	1606653	1617796	0.92	cps
Scandium	45-1	3311977	3349955	3342695	3334876	0.60	cps
Scandium	45-2	29641	30006	30159	29935	0.89	cps
Selenium	77-2	120	103	157	127	21.54	cps
Selenium	78-2	374	376	400	383	3.77	cps
Selenium	82-1	16819	17000	17006	16942	0.63	cps
Silicon	28-1	1505812	1522503	1496485	1508267	0.87	cps
Silver	109-1	641294	643326	649660	644760	0.68	cps
Silver	107-1	670515	670457	677238	672737	0.58	cps
Sodium	23-2	94320	95377	95990	95229	0.89	cps
Strontium	86-1	941334	937988	944254	941192	0.33	cps
Strontium	88-1	8213309	8198558	8228986	8213618	0.19	cps
Sulfur	34-1	314947	315864	311081	313964	0.81	cps
Terbium	159-1	8634913	8732340	8761186	8709480	0.76	cps
Terbium	159-2	1832492	1838639	1849679	1840270	0.47	cps
Thallium	203-1	1147665	1152978	1169057	1156567	0.96	cps
Thallium	205-1	2824074	2846718	2850043	2840278	0.50	cps
Tin	118-1	2620693	2604851	2587370	2604305	0.64	cps
Titanium	47-1	364872	366624	364004	365167	0.37	cps
Uranium	238-1	11336238	11254520	11362466	11317741	0.50	cps
Vanadium	51-2	41191	42224	41715	41710	1.24	cps
Yttrium	89-1	6461920	6382207	6476645	6440257	0.79	cps
Yttrium	89-2	217286	216067	219136	217496	0.71	cps
Zinc	66-2	20258	20399	20822	20493	1.43	cps
Zirconium	90-1	5287295	5276168	5305345	5289603	0.28	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:03:06	DataFile Name :	016ICV_P8121317-MS .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1169340	1169832	1178303	1172491	0.43	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:11:42 DataFile Name : 017CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	733	925	892	850	12.05	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	42	50	33	42	20.00	cps
Barium	137-1	50	50	75	58	24.75	cps
Beryllium	9-1	117	150	106	124	18.64	cps
Bismuth	209-1	6138202	6061736	6105716	6101885	0.63	cps
Bismuth	209-2	1549571	1541302	1552991	1547954	0.39	cps
Boron	10-1	950	925	642	839	20.41	cps
Boron	11-1	4459	4276	3951	4229	6.09	cps
Cadmium	111-1	874	993	774	880	12.44	cps
Cadmium	106-1	1183	1375	1058	1206	13.23	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	742	767	675	728	6.51	cps
Calcium	44-1	10329	10238	10204	10257	0.63	cps
Chromium	52-2	307	313	280	300	5.88	cps
Cobalt	59-2	47	67	23	46	47.61	cps
Copper	63-2	160	143	167	157	7.67	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	8569475	8751225	8701667	8674122	1.08	cps
Holmium	165-2	1895686	1888888	1897759	1894111	0.24	cps
Indium	115-1	6545372	6608641	6638958	6597657	0.72	cps
Indium	115-2	313198	315294	314285	314259	0.33	cps
Iron	56-2	1050	1078	1033	1054	2.13	cps
Iron	57-2	33	33	22	30	21.65	cps
Lead	206-1	450	517	478	482	6.96	cps
Lead	207-1	472	422	456	450	5.66	cps
Lead	208-1	1883	2133	1933	1983	6.67	cps
Lithium	6-1	1056822	1055114	1039163	1050366	0.93	cps
Magnesium	24-2	192	208	158	186	13.68	cps
Manganese	55-2	20	27	13	20	33.35	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:11:42	DataFile Name :	017CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	250	250	250	0.00	cps
Molybdenum	95-1	142	158	175	158	10.52	cps
Molybdenum	96-1	150	167	167	161	5.97	cps
Molybdenum	97-1	67	100	92	86	20.14	cps
Molybdenum	98-1	175	125	158	153	16.66	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	113	110	114	4.45	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2417	1825	2425	2223	15.48	cps
Rhodium	103-1	6092269	6125311	6080822	6099467	0.38	cps
Rhodium	103-2	1676156	1664702	1671604	1670821	0.35	cps
Scandium	45-1	3452856	3469937	3452364	3458386	0.29	cps
Scandium	45-2	30894	30613	30553	30687	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-69	-48	22	-32	-151.66	cps
Silicon	28-1	371584	369462	366229	369091	0.73	cps
Silver	109-1	75	50	158	94	60.06	cps
Silver	107-1	58	117	133	103	38.31	cps
Sodium	23-2	3617	3842	3709	3723	3.04	cps
Strontium	86-1	467	533	533	511	7.53	cps
Strontium	88-1	100	117	67	94	26.96	cps
Sulfur	34-1	327722	328657	327540	327973	0.18	cps
Terbium	159-1	8871605	8880057	8998148	8916603	0.79	cps
Terbium	159-2	1869829	1881469	1889637	1880311	0.53	cps
Thallium	203-1	550	467	533	517	8.53	cps
Thallium	205-1	1083	1233	975	1097	11.82	cps
Tin	118-1	633	617	725	658	8.86	cps
Titanium	47-1	83	133	92	103	26.06	cps
Uranium	238-1	192	100	192	161	32.85	cps
Vanadium	51-2	3	17	0	7	132.33	cps
Yttrium	89-1	6606815	6646212	6599976	6617668	0.38	cps
Yttrium	89-2	226420	226641	226373	226478	0.06	cps
Zinc	66-2	53	93	57	68	32.75	cps
Zirconium	90-1	458	408	383	417	9.17	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:11:42	DataFile Name :	017CCBE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	100	58	83	26.46	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:14:54 DataFile Name : 018ICSA_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395171	397052	393409	395211	0.46	cps
Antimony	121-1	8261	7961	8928	8384	5.91	cps
Arsenic	75-2	46	30	28	35	29.51	cps
Barium	135-1	2392	2175	2284	2284	4.74	cps
Barium	137-1	4101	3884	3926	3970	2.90	cps
Beryllium	9-1	394	356	361	370	5.68	cps
Bismuth	209-1	6043791	6117078	6151332	6104067	0.90	cps
Bismuth	209-2	1476476	1479772	1480419	1478889	0.14	cps
Boron	10-1	892	842	825	853	4.07	cps
Boron	11-1	4159	3892	3859	3970	4.14	cps
Cadmium	111-1	1227	1318	1405	1317	6.74	cps
Cadmium	106-1	1125	1175	1383	1228	11.16	cps
Cadmium	108-1	688	638	663	663	3.77	cps
Calcium	43-1	1269923	1284889	1275607	1276806	0.59	cps
Calcium	44-1	20502121	20453421	20326561	20427368	0.44	cps
Chromium	52-2	11401	10884	11298	11195	2.44	cps
Cobalt	59-2	1267	1497	1403	1389	8.33	cps
Copper	63-2	8406	8563	8253	8407	1.84	cps
Dysprosium	156-1	67	33	58	53	32.88	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	42	25	108	58	75.59	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8878666	8905365	9012328	8932120	0.79	cps
Holmium	165-2	1918619	1917391	1955999	1930670	1.14	cps
Indium	115-1	6557051	6593612	6539036	6563233	0.42	cps
Indium	115-2	297831	300144	300330	299435	0.46	cps
Iron	56-2	38174208	38013131	37862620	38016653	0.41	cps
Iron	57-2	956663	961019	960045	959243	0.24	cps
Lead	206-1	24430	24101	24691	24407	1.21	cps
Lead	207-1	19093	19749	19710	19517	1.89	cps
Lead	208-1	91630	91864	91663	91719	0.14	cps
Lithium	6-1	994161	975653	984360	984725	0.94	cps
Magnesium	24-2	1929582	1923023	1928152	1926919	0.18	cps
Manganese	55-2	1257	1240	1243	1247	0.71	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:14:54	DataFile Name :	018ICSA_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3056992	3087810	3053292	3066031	0.62	cps
Molybdenum	95-1	5468361	5461450	5439908	5456573	0.27	cps
Molybdenum	96-1	5801240	5874840	5762549	5812877	0.98	cps
Molybdenum	97-1	3390310	3377433	3405877	3391207	0.42	cps
Molybdenum	98-1	8718393	8718021	8663001	8699805	0.37	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	1890	1843	2090	1941	6.75	cps
Phosphorus	31-2	30158	30250	30317	30242	0.26	cps
Potassium	39-2	1108847	1115608	1097211	1107222	0.84	cps
Rhodium	103-1	5859571	5894514	5871912	5875332	0.30	cps
Rhodium	103-2	1621540	1596252	1591856	1603216	1.00	cps
Scandium	45-1	3347029	3378757	3385143	3370310	0.61	cps
Scandium	45-2	27944	27804	28733	28161	1.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-68	-4	44	-10	-589.42	cps
Silicon	28-1	431236	425336	423631	426734	0.94	cps
Silver	109-1	608	700	858	722	17.51	cps
Silver	107-1	867	867	950	895	5.38	cps
Sodium	23-2	4298070	4312353	4260273	4290232	0.63	cps
Strontium	86-1	58710	58610	58710	58677	0.10	cps
Strontium	88-1	510696	517385	514340	514140	0.65	cps
Sulfur	34-1	1771161	1743076	1749973	1754737	0.83	cps
Terbium	159-1	9220558	9172695	9239109	9210788	0.37	cps
Terbium	159-2	1878295	1884067	1860532	1874298	0.65	cps
Thallium	203-1	1258	1367	1367	1331	4.70	cps
Thallium	205-1	3542	3526	3392	3487	2.36	cps
Tin	118-1	1467	1342	1650	1486	10.44	cps
Titanium	47-1	1304054	1309559	1294676	1302763	0.58	cps
Uranium	238-1	633	608	667	636	4.60	cps
Vanadium	51-2	67	70	63	67	5.00	cps
Yttrium	89-1	6620299	6659579	6614925	6631601	0.37	cps
Yttrium	89-2	217477	217255	215674	216802	0.45	cps
Zinc	66-2	1210	1223	1213	1216	0.57	cps
Zirconium	90-1	717	817	817	783	7.37	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:14:54	DataFile Name :	018ICSA_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	175	158	161	7.90	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:18:01 DataFile Name : 019ICSB_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397355	395595	393250	395400	0.52	cps
Antimony	121-1	145442	147801	146201	146481	0.82	cps
Arsenic	75-2	1515	1493	1489	1499	0.94	cps
Barium	135-1	31313	31923	32198	31811	1.42	cps
Barium	137-1	55376	55886	54171	55144	1.60	cps
Beryllium	9-1	15030	15347	15409	15262	1.33	cps
Bismuth	209-1	6037054	5956009	5911757	5968273	1.06	cps
Bismuth	209-2	1459185	1456022	1449931	1455046	0.32	cps
Boron	10-1	6210	5943	6744	6299	6.47	cps
Boron	11-1	28705	30475	30241	29807	3.23	cps
Cadmium	111-1	30353	30205	30351	30303	0.28	cps
Cadmium	106-1	5260	4576	4943	4926	6.95	cps
Cadmium	108-1	2721	2930	2784	2811	3.80	cps
Calcium	43-1	1254291	1262215	1271301	1262602	0.67	cps
Calcium	44-1	20198610	20262112	20122739	20194487	0.35	cps
Chromium	52-2	22174	21406	22271	21951	2.16	cps
Cobalt	59-2	25300	24335	25400	25012	2.35	cps
Copper	63-2	29014	29268	29408	29230	0.68	cps
Dysprosium	156-1	25	67	67	53	45.58	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	108	75	92	92	18.18	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	8920641	8933316	8771429	8875128	1.01	cps
Holmium	165-2	1898349	1868688	1886614	1884550	0.79	cps
Indium	115-1	6491546	6487684	6576143	6518458	0.77	cps
Indium	115-2	300894	296669	296497	298020	0.84	cps
Iron	56-2	37765516	37614009	37230859	37536795	0.73	cps
Iron	57-2	961283	944755	946235	950758	0.96	cps
Lead	206-1	121699	119720	119322	120247	1.06	cps
Lead	207-1	102309	99784	100976	101023	1.25	cps
Lead	208-1	472214	463571	464444	466743	1.02	cps
Lithium	6-1	966857	978469	948137	964488	1.59	cps
Magnesium	24-2	1938892	1913954	1892505	1915117	1.21	cps
Manganese	55-2	4698	4407	4661	4589	3.44	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:18:01 DataFile Name : 019ICSB_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3339483	3346318	3333341	3339714	0.19	cps
Molybdenum	95-1	5529834	5529629	5499888	5519784	0.31	cps
Molybdenum	96-1	5932397	5974949	5957113	5954819	0.36	cps
Molybdenum	97-1	3443814	3440461	3453766	3446014	0.20	cps
Molybdenum	98-1	8779541	8732768	8788876	8767062	0.34	cps
Neodymium	150-1	40	20	60	40	50.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	8773	9230	8810	8937	2.84	cps
Phosphorus	31-2	31895	31962	31427	31762	0.92	cps
Potassium	39-2	1117530	1105517	1109638	1110895	0.55	cps
Rhodium	103-1	5829001	5861400	5848883	5846428	0.28	cps
Rhodium	103-2	1589966	1562174	1560382	1570841	1.06	cps
Scandium	45-1	3350778	3342466	3309551	3334265	0.65	cps
Scandium	45-2	29117	28419	28626	28721	1.25	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	48	37	28	38	27.08	cps
Selenium	82-1	1661	1671	1768	1700	3.47	cps
Silicon	28-1	595218	595607	594264	595030	0.12	cps
Silver	109-1	125791	124674	126178	125548	0.62	cps
Silver	107-1	132227	132195	133068	132496	0.37	cps
Sodium	23-2	4269489	4239287	4250386	4253054	0.36	cps
Strontium	86-1	164151	165509	167154	165605	0.91	cps
Strontium	88-1	1464932	1493621	1489134	1482562	1.04	cps
Sulfur	34-1	1709982	1700700	1714586	1708423	0.41	cps
Terbium	159-1	9115037	9081640	9074759	9090479	0.24	cps
Terbium	159-2	1860629	1821099	1832363	1838030	1.11	cps
Thallium	203-1	118011	120517	118222	118917	1.17	cps
Thallium	205-1	287397	288711	286975	287694	0.31	cps
Tin	118-1	293619	296575	295148	295114	0.50	cps
Titanium	47-1	1310202	1332852	1319187	1320747	0.86	cps
Uranium	238-1	1281815	1272242	1266265	1273441	0.62	cps
Vanadium	51-2	8573	7812	8199	8195	4.64	cps
Yttrium	89-1	6660820	6657429	6564858	6627703	0.82	cps
Yttrium	89-2	218200	216085	217865	217383	0.52	cps
Zinc	66-2	3244	3064	3150	3153	2.86	cps
Zirconium	90-1	615651	623189	615217	618019	0.73	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:18:01	DataFile Name :	019ICSB_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	137261	140359	137218	138279	1.30	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220623	216322	219441	218795	1.02	cps
Antimony	121-1	3518032	3507725	3511397	3512385	0.15	cps
Arsenic	75-2	38856	38817	39122	38932	0.43	cps
Barium	135-1	3728491	3752563	3734920	3738658	0.33	cps
Barium	137-1	6456841	6468755	6468616	6464737	0.11	cps
Beryllium	9-1	383124	387434	386288	385615	0.58	cps
Bismuth	209-1	5481640	5512537	5749028	5581068	2.62	cps
Bismuth	209-2	1422102	1418349	1423711	1421387	0.19	cps
Boron	10-1	43316	43500	44353	43723	1.26	cps
Boron	11-1	207438	209278	214817	210511	1.82	cps
Cadmium	111-1	708814	709203	708658	708891	0.04	cps
Cadmium	106-1	72504	71976	73609	72696	1.15	cps
Cadmium	108-1	50197	49892	50574	50221	0.68	cps
Calcium	43-1	3141194	3151105	3199022	3163774	0.98	cps
Calcium	44-1	50785821	51408988	51064203	51086337	0.61	cps
Chromium	52-2	282248	281087	282901	282079	0.33	cps
Cobalt	59-2	595847	596416	593978	595413	0.21	cps
Copper	63-2	1023872	1021745	1019995	1021871	0.19	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	17	58	75	50	60.09	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	8199796	8159675	8471873	8277114	2.05	cps
Holmium	165-2	1848646	1827797	1828140	1834861	0.65	cps
Indium	115-1	5993875	5937188	6308851	6079971	3.29	cps
Indium	115-2	288384	289548	288354	288762	0.24	cps
Iron	56-2	47291079	47188682	47154227	47211329	0.15	cps
Iron	57-2	1205229	1201598	1197312	1201380	0.33	cps
Lead	206-1	2398719	2429979	2423989	2417562	0.69	cps
Lead	207-1	2231980	2251390	2227392	2236920	0.57	cps
Lead	208-1	9985787	10019032	9986863	9997228	0.19	cps
Lithium	6-1	908114	888571	948536	915073	3.34	cps
Magnesium	24-2	4947005	4906563	4858824	4904131	0.90	cps
Manganese	55-2	168478	165554	166647	166893	0.89	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5522232	5561336	5482475	5522014	0.71	cps
Molybdenum	95-1	6934047	6935189	6876410	6915216	0.49	cps
Molybdenum	96-1	7707919	7739338	7657350	7701536	0.54	cps
Molybdenum	97-1	4295210	4347535	4277606	4306784	0.84	cps
Molybdenum	98-1	11087262	11019231	10949944	11018812	0.62	cps
Neodymium	150-1	180	173	160	171	5.95	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	173724	171312	173344	172793	0.75	cps
Phosphorus	31-2	3217	3184	3134	3178	1.32	cps
Potassium	39-2	1478178	1458676	1460577	1465810	0.73	cps
Rhodium	103-1	5428288	5261042	5613661	5434330	3.25	cps
Rhodium	103-2	1480864	1491748	1484844	1485819	0.37	cps
Scandium	45-1	3157722	3055669	3250200	3154530	3.08	cps
Scandium	45-2	28559	27444	28412	28138	2.15	cps
Selenium	77-2	280	233	300	271	12.62	cps
Selenium	78-2	993	891	907	930	5.87	cps
Selenium	82-1	43224	43219	42517	42986	0.95	cps
Silicon	28-1	1344338	1354922	1358096	1352452	0.53	cps
Silver	109-1	3326123	3320018	3310763	3318968	0.23	cps
Silver	107-1	3470526	3441521	3474212	3462086	0.52	cps
Sodium	23-2	11086754	10963456	10909201	10986470	0.83	cps
Strontium	86-1	877264	875328	871245	874612	0.35	cps
Strontium	88-1	7651055	7651643	7613964	7638887	0.28	cps
Sulfur	34-1	462181	467961	466351	465498	0.64	cps
Terbium	159-1	8480142	8456703	8848947	8595264	2.56	cps
Terbium	159-2	1815697	1810320	1808635	1811551	0.20	cps
Thallium	203-1	2962546	2969129	2946500	2959392	0.39	cps
Thallium	205-1	6973273	6984862	7046202	7001446	0.56	cps
Tin	118-1	2309990	2336756	2343413	2330053	0.76	cps
Titanium	47-1	1608722	1628853	1636456	1624677	0.88	cps
Uranium	238-1	10020513	10023917	9947598	9997342	0.43	cps
Vanadium	51-2	211884	212648	211568	212033	0.26	cps
Yttrium	89-1	6211819	6085020	6377048	6224629	2.35	cps
Yttrium	89-2	212790	212919	213042	212917	0.06	cps
Zinc	66-2	98090	97617	97744	97817	0.25	cps
Zirconium	90-1	4696849	4684095	4595025	4658657	1.19	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:21:09	DataFile Name :	020CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1041706	1038675	1035213	1038531	0.31	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:24:14	DataFile Name :	021CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	1650	1692	1859	1734	6.36	cps
Arsenic	75-2	4	0	9	4	107.89	cps
Barium	135-1	125	58	83	89	37.89	cps
Barium	137-1	225	142	67	144	54.83	cps
Beryllium	9-1	283	250	206	246	15.84	cps
Bismuth	209-1	6127907	6102869	6193094	6141290	0.76	cps
Bismuth	209-2	1545845	1546101	1560729	1550892	0.55	cps
Boron	10-1	1734	1375	1408	1506	13.15	cps
Boron	11-1	6827	7177	6769	6924	3.19	cps
Cadmium	111-1	806	897	917	873	6.75	cps
Cadmium	106-1	1067	1183	1225	1158	7.09	cps
Cadmium	108-1	4	21	17	14	62.43	cps
Calcium	43-1	1025	1083	942	1017	7.00	cps
Calcium	44-1	13173	12998	12423	12865	3.05	cps
Chromium	52-2	250	213	263	242	10.69	cps
Cobalt	59-2	27	53	27	36	43.29	cps
Copper	63-2	297	250	207	251	17.93	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	58	50	28.86	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	58	83	50	64	27.15	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8538265	8707044	8872685	8705998	1.92	cps
Holmium	165-2	1912580	1894843	1913933	1907119	0.56	cps
Indium	115-1	6512589	6599287	6677804	6596560	1.25	cps
Indium	115-2	307796	309542	313779	310372	0.99	cps
Iron	56-2	2417	2072	1922	2137	11.86	cps
Iron	57-2	61	72	67	67	8.33	cps
Lead	206-1	939	811	733	828	12.54	cps
Lead	207-1	900	817	800	839	6.39	cps
Lead	208-1	3839	3511	3328	3560	7.28	cps
Lithium	6-1	1015002	1005293	1001418	1007238	0.69	cps
Magnesium	24-2	258	308	233	267	14.32	cps
Manganese	55-2	20	23	13	19	26.96	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:24:14	DataFile Name :	021CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	742	717	770	9.21	cps
Molybdenum	95-1	983	992	833	936	9.52	cps
Molybdenum	96-1	1217	1050	892	1053	15.44	cps
Molybdenum	97-1	750	733	533	672	17.94	cps
Molybdenum	98-1	1759	1575	1267	1534	16.21	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	147	113	142	18.94	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	2334	2209	2209	2250	3.21	cps
Rhodium	103-1	5879713	6042088	6111621	6011140	1.98	cps
Rhodium	103-2	1662065	1658889	1671014	1663989	0.38	cps
Scandium	45-1	3321857	3311510	3405506	3346291	1.54	cps
Scandium	45-2	29170	28519	29444	29045	1.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-23	-48	-62	-44	-44.28	cps
Silicon	28-1	346094	340508	346846	344483	1.01	cps
Silver	109-1	350	325	225	300	22.05	cps
Silver	107-1	308	292	325	308	5.41	cps
Sodium	23-2	6668	6393	5885	6316	6.30	cps
Strontium	86-1	567	475	567	536	9.87	cps
Strontium	88-1	233	350	250	278	22.72	cps
Sulfur	34-1	293879	298607	300270	297585	1.11	cps
Terbium	159-1	8803359	9048135	9141704	8997733	1.94	cps
Terbium	159-2	1860460	1850171	1882354	1864328	0.88	cps
Thallium	203-1	1125	1117	792	1011	18.80	cps
Thallium	205-1	2584	2217	2234	2345	8.83	cps
Tin	118-1	900	1025	1133	1020	11.45	cps
Titanium	47-1	142	125	217	161	30.31	cps
Uranium	238-1	342	542	225	370	43.40	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	6408941	6577355	6596184	6527494	1.58	cps
Yttrium	89-2	221757	219450	222477	221228	0.71	cps
Zinc	66-2	97	87	103	96	8.78	cps
Zirconium	90-1	675	700	575	650	10.18	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:24:14	DataFile Name :	021CCBE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	83	108	114	29.57	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	75	97	21.57	cps
Antimony	121-1	14016	13849	13908	13924	0.61	cps
Arsenic	75-2	56	87	61	68	24.75	cps
Barium	135-1	13958	13799	14075	13944	0.99	cps
Barium	137-1	23939	23981	25141	24354	2.80	cps
Beryllium	9-1	972	1000	939	970	3.15	cps
Bismuth	209-1	6320597	6295333	6331497	6315809	0.29	cps
Bismuth	209-2	1558358	1542335	1545799	1548831	0.54	cps
Boron	10-1	2742	2909	2825	2825	2.95	cps
Boron	11-1	13240	13674	13807	13574	2.18	cps
Cadmium	111-1	2153	2272	2356	2260	4.51	cps
Cadmium	106-1	1133	1267	1375	1258	9.62	cps
Cadmium	108-1	88	104	75	89	16.46	cps
Calcium	43-1	6702	6935	6577	6738	2.70	cps
Calcium	44-1	107712	107728	107426	107622	0.16	cps
Chromium	52-2	1467	1410	1417	1431	2.16	cps
Cobalt	59-2	1243	1160	1253	1219	4.20	cps
Copper	63-2	2184	2380	2217	2260	4.66	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	17	20	0	12	87.67	cps
Gadolinium	160-1	25	67	67	53	45.58	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8933491	8908142	8869788	8903807	0.36	cps
Holmium	165-2	1935422	1909456	1919173	1921350	0.68	cps
Indium	115-1	6850309	6725321	6750861	6775497	0.97	cps
Indium	115-2	312195	309253	308690	310046	0.61	cps
Iron	56-2	20427	20616	21094	20712	1.66	cps
Iron	57-2	572	500	500	524	7.96	cps
Lead	206-1	6018	5668	5496	5727	4.65	cps
Lead	207-1	4879	5034	5218	5044	3.36	cps
Lead	208-1	22553	22664	22664	22627	0.28	cps
Lithium	6-1	1051359	1029437	1038548	1039781	1.06	cps
Magnesium	24-2	9595	9871	9729	9731	1.41	cps
Manganese	55-2	153	203	173	177	14.24	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10446	10371	10746	10521	1.89	cps
Molybdenum	95-1	13182	13199	13007	13129	0.81	cps
Molybdenum	96-1	14625	14859	14533	14672	1.14	cps
Molybdenum	97-1	8378	8044	7894	8106	3.05	cps
Molybdenum	98-1	21075	21626	20975	21226	1.65	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	547	447	512	11.09	cps
Phosphorus	31-2	33	17	8	19	65.47	cps
Potassium	39-2	8136	7978	7936	8017	1.32	cps
Rhodium	103-1	6221882	6182577	6155424	6186628	0.54	cps
Rhodium	103-2	1682746	1681822	1679739	1681436	0.09	cps
Scandium	45-1	3439024	3441102	3417142	3432423	0.39	cps
Scandium	45-2	28666	29197	29134	28999	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	15	9	52.86	cps
Selenium	82-1	346	485	421	418	16.76	cps
Silicon	28-1	383171	376371	378274	379272	0.92	cps
Silver	109-1	6969	6877	6752	6866	1.58	cps
Silver	107-1	6927	7002	6902	6944	0.75	cps
Sodium	23-2	26835	26183	27043	26687	1.68	cps
Strontium	86-1	2192	2200	2209	2200	0.38	cps
Strontium	88-1	14875	14592	14083	14517	2.77	cps
Sulfur	34-1	301254	300470	303551	301759	0.53	cps
Terbium	159-1	9190391	9205908	9224221	9206840	0.18	cps
Terbium	159-2	1871495	1871902	1849536	1864311	0.69	cps
Thallium	203-1	6110	6293	6510	6305	3.18	cps
Thallium	205-1	14993	13900	14943	14612	4.22	cps
Tin	118-1	22845	24048	22562	23152	3.41	cps
Titanium	47-1	3226	2975	2992	3064	4.56	cps
Uranium	238-1	18732	18715	18289	18579	1.35	cps
Vanadium	51-2	1957	1907	1994	1952	2.23	cps
Yttrium	89-1	6750167	6695898	6670327	6705464	0.61	cps
Yttrium	89-2	219721	220507	220489	220239	0.20	cps
Zinc	66-2	300	283	263	282	6.51	cps
Zirconium	90-1	9253	9395	9629	9426	2.01	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:27:24	DataFile Name :	022SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2100	2109	2092	2100	0.40	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:30:36	DataFile Name :	023CCBE_P8121317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	17	19	65.48	cps
Antimony	121-1	308	433	242	328	29.69	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	67	42	50	53	24.12	cps
Barium	137-1	92	58	42	64	39.85	cps
Beryllium	9-1	150	172	106	143	23.81	cps
Bismuth	209-1	6281254	6303304	6264946	6283168	0.31	cps
Bismuth	209-2	1544470	1542826	1538139	1541811	0.21	cps
Boron	10-1	625	700	458	594	20.81	cps
Boron	11-1	2817	3175	2992	2995	5.98	cps
Cadmium	111-1	868	832	866	856	2.38	cps
Cadmium	106-1	1217	1133	1200	1183	3.73	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	833	833	833	833	0.00	cps
Calcium	44-1	10713	11422	10488	10874	4.48	cps
Chromium	52-2	287	243	273	268	8.29	cps
Cobalt	59-2	40	53	27	40	33.33	cps
Copper	63-2	147	167	180	164	10.20	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	108	25	61	69.98	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8811220	8928202	8895401	8878274	0.68	cps
Holmium	165-2	1919238	1891169	1872893	1894433	1.23	cps
Indium	115-1	6717333	6761496	6674906	6717912	0.64	cps
Indium	115-2	309767	308107	308158	308677	0.31	cps
Iron	56-2	1522	1700	1861	1695	10.00	cps
Iron	57-2	89	33	39	54	56.98	cps
Lead	206-1	617	511	667	598	13.28	cps
Lead	207-1	511	561	522	532	4.94	cps
Lead	208-1	2400	2272	2578	2417	6.35	cps
Lithium	6-1	1032892	1040502	1023299	1032231	0.84	cps
Magnesium	24-2	258	167	175	200	25.34	cps
Manganese	55-2	10	17	13	13	25.01	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:30:36	DataFile Name :	023CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	267	233	264	11.09	cps
Molybdenum	95-1	192	200	133	175	20.76	cps
Molybdenum	96-1	275	217	233	242	12.43	cps
Molybdenum	97-1	83	125	133	114	23.52	cps
Molybdenum	98-1	400	317	258	325	21.91	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	143	130	127	133	6.62	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2092	2234	2434	2253	7.62	cps
Rhodium	103-1	6214829	6171566	6132302	6172899	0.67	cps
Rhodium	103-2	1664672	1676934	1692335	1677980	0.83	cps
Scandium	45-1	3410561	3419992	3401885	3410813	0.27	cps
Scandium	45-2	28933	28997	29314	29081	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-84	17	-35	-34	-149.27	cps
Silicon	28-1	344214	339590	337575	340460	1.00	cps
Silver	109-1	175	125	142	147	17.29	cps
Silver	107-1	175	142	208	175	19.05	cps
Sodium	23-2	4551	4951	4668	4723	4.36	cps
Strontium	86-1	617	700	500	606	16.59	cps
Strontium	88-1	133	67	100	100	33.33	cps
Sulfur	34-1	304516	300317	301570	302134	0.71	cps
Terbium	159-1	9062103	9092747	9128387	9094412	0.36	cps
Terbium	159-2	1877539	1868229	1862390	1869386	0.41	cps
Thallium	203-1	492	383	417	431	12.89	cps
Thallium	205-1	1092	1167	1175	1145	4.01	cps
Tin	118-1	508	667	517	564	15.80	cps
Titanium	47-1	175	125	92	131	32.13	cps
Uranium	238-1	83	50	117	83	40.00	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	6635366	6720033	6613938	6656446	0.84	cps
Yttrium	89-2	218796	219432	219531	219253	0.18	cps
Zinc	66-2	33	33	53	40	28.87	cps
Zirconium	90-1	325	433	517	425	22.61	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:30:36	DataFile Name :	023CCBE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	75	100	22.05	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	183	200	183	9.09	cps
Antimony	121-1	27370	27588	27696	27552	0.60	cps
Arsenic	75-2	157	133	189	160	17.42	cps
Barium	135-1	28456	28832	28289	28526	0.98	cps
Barium	137-1	49770	48649	49862	49427	1.37	cps
Beryllium	9-1	1767	1706	1600	1691	4.99	cps
Bismuth	209-1	6339396	6277056	6301394	6305949	0.50	cps
Bismuth	209-2	1545882	1539990	1542595	1542822	0.19	cps
Boron	10-1	4459	4818	4576	4618	3.96	cps
Boron	11-1	21967	22502	22134	22201	1.23	cps
Cadmium	111-1	3641	3963	3768	3791	4.28	cps
Cadmium	106-1	1350	1700	1450	1500	12.02	cps
Cadmium	108-1	179	200	288	222	25.87	cps
Calcium	43-1	13490	12856	13407	13251	2.60	cps
Calcium	44-1	212039	208602	210472	210371	0.82	cps
Chromium	52-2	2750	2617	2344	2570	8.07	cps
Cobalt	59-2	2430	2394	2420	2415	0.78	cps
Copper	63-2	4598	4477	4307	4461	3.27	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	42	92	33	56	56.79	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8926852	8942534	8866199	8911862	0.45	cps
Holmium	165-2	1890533	1911491	1918178	1906734	0.76	cps
Indium	115-1	6750028	6776638	6778970	6768546	0.24	cps
Indium	115-2	310527	309138	312401	310689	0.53	cps
Iron	56-2	179855	182776	180350	180994	0.86	cps
Iron	57-2	4534	4601	4562	4566	0.73	cps
Lead	206-1	10149	10327	10088	10188	1.22	cps
Lead	207-1	9048	8881	9226	9052	1.90	cps
Lead	208-1	41522	41612	41294	41476	0.39	cps
Lithium	6-1	1036224	1037093	1041181	1038166	0.25	cps
Magnesium	24-2	19881	20190	19064	19712	2.95	cps
Manganese	55-2	333	403	333	357	11.33	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22979	21025	21551	21852	4.63	cps
Molybdenum	95-1	25926	26042	27353	26440	3.00	cps
Molybdenum	96-1	30260	29450	29483	29731	1.54	cps
Molybdenum	97-1	16703	15793	16995	16497	3.80	cps
Molybdenum	98-1	43245	43153	42869	43089	0.46	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	903	823	847	858	4.80	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	13674	13382	13348	13468	1.33	cps
Rhodium	103-1	6255257	6169354	6189495	6204702	0.72	cps
Rhodium	103-2	1705447	1658133	1696272	1686617	1.49	cps
Scandium	45-1	3435165	3440287	3435529	3436994	0.08	cps
Scandium	45-2	29835	29358	29154	29449	1.19	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	20	20	15	19	17.34	cps
Selenium	82-1	864	915	760	846	9.34	cps
Silicon	28-1	417338	421761	419398	419499	0.53	cps
Silver	109-1	14250	13708	13391	13783	3.15	cps
Silver	107-1	14024	13549	14158	13910	2.30	cps
Sodium	23-2	47196	48927	49086	48403	2.17	cps
Strontium	86-1	3717	3942	3667	3776	3.88	cps
Strontium	88-1	30936	29575	29825	30112	2.41	cps
Sulfur	34-1	305338	304362	303811	304504	0.25	cps
Terbium	159-1	9238915	9213428	9242610	9231651	0.17	cps
Terbium	159-2	1872607	1867131	1890707	1876815	0.66	cps
Thallium	203-1	12056	11739	11522	11773	2.28	cps
Thallium	205-1	29427	28700	29176	29101	1.27	cps
Tin	118-1	45135	46173	44994	45434	1.42	cps
Titanium	47-1	6569	6502	6427	6499	1.09	cps
Uranium	238-1	38644	38368	38820	38611	0.59	cps
Vanadium	51-2	4071	4154	4134	4120	1.06	cps
Yttrium	89-1	6740367	6781385	6740044	6753932	0.35	cps
Yttrium	89-2	222238	219544	223358	221713	0.88	cps
Zinc	66-2	467	557	403	476	16.20	cps
Zirconium	90-1	19206	19456	18397	19020	2.91	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104965BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:33:46	DataFile Name :	024LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3851	4143	4109	4034	3.96	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : PB104967BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:36:58 DataFile Name : 025CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	225	208	267	233	12.88	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	17	42	50	36	48.03	cps
Beryllium	9-1	167	128	89	128	30.44	cps
Bismuth	209-1	6345421	6297457	6314559	6319146	0.38	cps
Bismuth	209-2	1535864	1532272	1531759	1533298	0.15	cps
Boron	10-1	792	700	500	664	22.47	cps
Boron	11-1	3309	2967	3092	3123	5.54	cps
Cadmium	111-1	851	845	1037	911	11.98	cps
Cadmium	106-1	1192	1200	1450	1281	11.46	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	892	808	800	833	6.08	cps
Calcium	44-1	11022	10755	10279	10685	3.52	cps
Chromium	52-2	250	317	250	272	14.15	cps
Cobalt	59-2	40	20	30	30	33.33	cps
Copper	63-2	177	187	160	174	7.72	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	58	284	50	131	101.44	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	8859308	8888509	8818638	8855485	0.40	cps
Holmium	165-2	1913333	1889719	1893047	1898700	0.67	cps
Indium	115-1	6767027	6713043	6753952	6744674	0.42	cps
Indium	115-2	309794	307856	307986	308546	0.35	cps
Iron	56-2	1367	1283	1572	1408	10.56	cps
Iron	57-2	17	28	28	24	26.64	cps
Lead	206-1	539	639	500	559	12.81	cps
Lead	207-1	478	467	528	491	6.63	cps
Lead	208-1	2239	2439	2078	2252	8.03	cps
Lithium	6-1	1041898	1032096	1044011	1039335	0.61	cps
Magnesium	24-2	208	183	225	206	10.20	cps
Manganese	55-2	20	30	23	24	20.83	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:36:58	DataFile Name :	025CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	175	200	192	7.53	cps
Molybdenum	95-1	108	75	150	111	33.82	cps
Molybdenum	96-1	125	192	133	150	24.22	cps
Molybdenum	97-1	50	50	58	53	9.12	cps
Molybdenum	98-1	150	100	183	144	29.03	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	93	127	116	16.65	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2284	2325	2042	2217	6.90	cps
Rhodium	103-1	6209605	6168014	6146709	6174776	0.52	cps
Rhodium	103-2	1659411	1686052	1647495	1664319	1.19	cps
Scandium	45-1	3439770	3414183	3432782	3428911	0.39	cps
Scandium	45-2	29545	29615	29090	29417	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-4	-54	-8	-22	-129.00	cps
Silicon	28-1	347690	344915	343142	345249	0.66	cps
Silver	109-1	133	125	92	117	18.90	cps
Silver	107-1	100	108	150	119	22.43	cps
Sodium	23-2	4293	4393	4551	4412	2.95	cps
Strontium	86-1	617	533	417	522	19.24	cps
Strontium	88-1	200	117	125	147	31.17	cps
Sulfur	34-1	312809	309207	309606	310541	0.64	cps
Terbium	159-1	9255385	9147989	9094210	9165862	0.90	cps
Terbium	159-2	1851169	1861789	1845544	1852834	0.45	cps
Thallium	203-1	300	408	367	358	15.25	cps
Thallium	205-1	1150	1058	958	1056	9.08	cps
Tin	118-1	433	483	633	517	20.15	cps
Titanium	47-1	75	150	92	106	37.31	cps
Uranium	238-1	75	33	67	58	37.80	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	6680137	6719124	6685404	6694889	0.32	cps
Yttrium	89-2	218667	218258	218836	218587	0.14	cps
Zinc	66-2	27	43	47	39	27.55	cps
Zirconium	90-1	433	542	475	483	11.31	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:36:58	DataFile Name :	025CCBE_P8121317-MS

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

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : PB104967BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 13:40:09 DataFile Name : 026LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	158	142	167	18.03	cps
Antimony	121-1	25859	25083	25208	25383	1.64	cps
Arsenic	75-2	133	156	137	142	8.39	cps
Barium	135-1	28624	27162	27496	27761	2.76	cps
Barium	137-1	47829	47838	46609	47425	1.49	cps
Beryllium	9-1	1539	1378	1422	1446	5.75	cps
Bismuth	209-1	6192465	6231724	6080903	6168364	1.27	cps
Bismuth	209-2	1497631	1497061	1488636	1494443	0.34	cps
Boron	10-1	4301	4067	4659	4343	6.87	cps
Boron	11-1	20240	20340	21634	20738	3.75	cps
Cadmium	111-1	3314	3425	3405	3381	1.75	cps
Cadmium	106-1	1333	1467	1217	1339	9.34	cps
Cadmium	108-1	213	175	217	201	11.39	cps
Calcium	43-1	12806	12331	12748	12629	2.05	cps
Calcium	44-1	199167	200756	199429	199784	0.43	cps
Chromium	52-2	2557	2570	2464	2530	2.30	cps
Cobalt	59-2	2204	2587	2440	2410	8.03	cps
Copper	63-2	4174	3954	4081	4070	2.71	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	8747209	8747417	8616970	8703865	0.86	cps
Holmium	165-2	1856474	1849122	1848532	1851376	0.24	cps
Indium	115-1	6496836	6599158	6572967	6556320	0.81	cps
Indium	115-2	301729	302483	302148	302120	0.13	cps
Iron	56-2	169793	169788	171304	170295	0.51	cps
Iron	57-2	4573	4173	3995	4247	6.97	cps
Lead	206-1	9654	9787	9582	9674	1.08	cps
Lead	207-1	8931	8703	8614	8750	1.87	cps
Lead	208-1	39742	39431	39381	39518	0.50	cps
Lithium	6-1	1023945	1010826	1009664	1014812	0.78	cps
Magnesium	24-2	19047	19039	19155	19080	0.34	cps
Manganese	55-2	317	347	337	333	4.58	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:40:09	DataFile Name :	026LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20016	21409	20625	20683	3.38	cps
Molybdenum	95-1	24682	25784	24740	25068	2.47	cps
Molybdenum	96-1	28314	26953	27721	27663	2.47	cps
Molybdenum	97-1	15326	15810	15209	15448	2.06	cps
Molybdenum	98-1	40679	39509	40896	40361	1.85	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	823	843	720	796	8.32	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	12965	13023	12556	12848	1.98	cps
Rhodium	103-1	6061221	6059123	6016078	6045474	0.42	cps
Rhodium	103-2	1641192	1629715	1644290	1638399	0.47	cps
Scandium	45-1	3303775	3383947	3293183	3326968	1.49	cps
Scandium	45-2	28776	28843	28806	28809	0.12	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	24	46	33	35	32.30	cps
Selenium	82-1	866	817	804	829	3.97	cps
Silicon	28-1	413488	415584	412749	413940	0.36	cps
Silver	109-1	13040	12665	12857	12854	1.46	cps
Silver	107-1	13924	13340	13207	13491	2.83	cps
Sodium	23-2	45030	45657	45332	45340	0.69	cps
Strontium	86-1	3767	3576	3659	3667	2.62	cps
Strontium	88-1	28539	27637	28589	28255	1.90	cps
Sulfur	34-1	306321	308629	305751	306901	0.50	cps
Terbium	159-1	9000565	8947284	8929025	8958958	0.41	cps
Terbium	159-2	1819393	1844107	1811617	1825039	0.93	cps
Thallium	203-1	11256	11756	11080	11364	3.09	cps
Thallium	205-1	28032	27923	27097	27684	1.85	cps
Tin	118-1	42644	42661	42326	42544	0.44	cps
Titanium	47-1	5952	5951	5952	5952	0.00	cps
Uranium	238-1	37040	35845	35786	36223	1.95	cps
Vanadium	51-2	3561	3911	3654	3708	4.89	cps
Yttrium	89-1	6596731	6478961	6569802	6548498	0.94	cps
Yttrium	89-2	214303	214984	216128	215138	0.43	cps
Zinc	66-2	430	490	403	441	10.06	cps
Zirconium	90-1	17395	17562	17662	17540	0.77	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	PB104967BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:40:09	DataFile Name :	026LCSE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4109	3984	3926	4006	2.34	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	142	100	131	20.52	cps
Antimony	121-1	7077	7019	7311	7136	2.16	cps
Arsenic	75-2	167	180	183	177	4.96	cps
Barium	135-1	12606	12732	12915	12751	1.22	cps
Barium	137-1	22579	22620	22687	22629	0.24	cps
Beryllium	9-1	94	94	61	83	23.10	cps
Bismuth	209-1	4631166	4605807	4551011	4595995	0.89	cps
Bismuth	209-2	1181465	1184634	1180864	1182321	0.17	cps
Boron	10-1	309053	314143	316611	313269	1.23	cps
Boron	11-1	1453409	1475813	1488733	1472652	1.21	cps
Cadmium	111-1	830	952	926	903	7.10	cps
Cadmium	106-1	942	1042	1100	1028	7.79	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	3828182	3871725	3909923	3869944	1.06	cps
Calcium	44-1	61737295	62298076	62686516	62240629	0.77	cps
Chromium	52-2	527	517	607	550	8.97	cps
Cobalt	59-2	137	90	70	99	34.60	cps
Copper	63-2	3407	3084	3267	3253	4.99	cps
Dysprosium	156-1	142	75	75	97	39.60	cps
Dysprosium	156-2	127	3	20	50	133.85	cps
Erbium	164-1	75	100	125	100	25.00	cps
Erbium	164-2	210	27	20	86	126.06	cps
Gadolinium	160-1	100	75	150	108	35.25	cps
Gadolinium	160-2	17	23	30	23	28.56	cps
Holmium	165-1	7277118	7318753	7181897	7259256	0.97	cps
Holmium	165-2	1585275	1599545	1654571	1613130	2.27	cps
Indium	115-1	5461967	5476725	5430184	5456292	0.44	cps
Indium	115-2	267534	268808	269334	268559	0.34	cps
Iron	56-2	22997	23120	23309	23142	0.68	cps
Iron	57-2	661	644	706	670	4.71	cps
Lead	206-1	3929	3506	3273	3569	9.31	cps
Lead	207-1	3100	3073	2984	3052	2.00	cps
Lead	208-1	14754	14176	13203	14044	5.58	cps
Lithium	6-1	856860	879341	869702	868634	1.30	cps
Magnesium	24-2	20240303	20492069	20706751	20479708	1.14	cps
Manganese	55-2	2034	1797	2040	1957	7.09	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12648	12056	11797	12167	3.59	cps
Molybdenum	95-1	21476	21952	20708	21379	2.93	cps
Molybdenum	96-1	22795	22611	22202	22536	1.35	cps
Molybdenum	97-1	14842	13833	15460	14711	5.58	cps
Molybdenum	98-1	32883	32782	33150	32938	0.58	cps
Neodymium	150-1	93	93	127	104	18.42	cps
Neodymium	150-2	10	23	7	13	66.12	cps
Nickel	60-2	473	467	480	473	1.41	cps
Phosphorus	31-2	25	25	58	36	53.30	cps
Potassium	39-2	3792933	3840924	3887035	3840297	1.23	cps
Rhodium	103-1	4776502	4772742	4726217	4758487	0.59	cps
Rhodium	103-2	1294738	1302328	1308814	1301960	0.54	cps
Scandium	45-1	3025239	3074276	3048299	3049271	0.80	cps
Scandium	45-2	28639	29224	29438	29100	1.42	cps
Selenium	77-2	57	3	0	20	159.01	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-2915	-2736	-2466	-2706	-8.36	cps
Silicon	28-1	2821044	2874365	2905592	2867000	1.49	cps
Silver	109-1	3292	3434	3409	3378	2.24	cps
Silver	107-1	3801	3609	3451	3620	4.84	cps
Sodium	23-2	385345492	392516059	395042301	390967950	1.29	cps
Strontium	86-1	8955771	9008553	8943692	8969339	0.38	cps
Strontium	88-1	79129064	79600929	79355404	79361799	0.30	cps
Sulfur	34-1	10751635	10803814	10939921	10831790	0.90	cps
Terbium	159-1	7491525	7524413	7420138	7478692	0.71	cps
Terbium	159-2	1533356	1545702	1551249	1543436	0.59	cps
Thallium	203-1	1850	1775	1417	1681	13.78	cps
Thallium	205-1	4109	3792	3117	3673	13.79	cps
Tin	118-1	4568	4484	4359	4470	2.35	cps
Titanium	47-1	8211	7436	6402	7349	12.35	cps
Uranium	238-1	39438	40233	39439	39703	1.16	cps
Vanadium	51-2	883	863	1043	930	10.61	cps
Yttrium	89-1	5674380	5686467	5716367	5692405	0.38	cps
Yttrium	89-2	203461	202615	205795	203957	0.81	cps
Zinc	66-2	527	583	560	557	5.12	cps
Zirconium	90-1	833	1084	1000	973	13.12	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:43:19	DataFile Name :	027SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	233	200	219	7.91	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	250	181	33.39	cps
Antimony	121-1	6619	7044	7411	7024	5.64	cps
Arsenic	75-2	176	159	189	175	8.50	cps
Barium	135-1	12782	13024	13290	13032	1.95	cps
Barium	137-1	21836	21669	22345	21950	1.60	cps
Beryllium	9-1	144	83	133	120	27.04	cps
Bismuth	209-1	4127784	4147520	4185783	4153696	0.71	cps
Bismuth	209-2	1166980	1153617	1122284	1147627	2.00	cps
Boron	10-1	307089	319899	324504	317164	2.85	cps
Boron	11-1	1454189	1505279	1537168	1498878	2.79	cps
Cadmium	111-1	702	797	798	766	7.19	cps
Cadmium	106-1	917	1017	1042	992	6.67	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	3719008	3855683	3933777	3836156	2.83	cps
Calcium	44-1	60443614	62002524	62475818	61640652	1.73	cps
Chromium	52-2	620	623	667	637	4.09	cps
Cobalt	59-2	143	90	120	118	22.70	cps
Copper	63-2	3360	3300	3140	3267	3.48	cps
Dysprosium	156-1	117	75	133	108	27.74	cps
Dysprosium	156-2	30	7	7	14	93.24	cps
Erbium	164-1	133	83	133	117	24.74	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	33	50	27	37	32.78	cps
Holmium	165-1	6697441	6880322	6992849	6856870	2.17	cps
Holmium	165-2	1598495	1582871	1540178	1573848	1.92	cps
Indium	115-1	5197954	5313636	5331868	5281153	1.38	cps
Indium	115-2	270230	267288	261278	266265	1.71	cps
Iron	56-2	23593	23726	22747	23355	2.27	cps
Iron	57-2	672	478	567	572	17.01	cps
Lead	206-1	2228	2178	2250	2219	1.67	cps
Lead	207-1	1956	2061	1967	1995	2.91	cps
Lead	208-1	8918	8907	9102	8976	1.22	cps
Lithium	6-1	857417	882501	879500	873139	1.57	cps
Magnesium	24-2	21157331	21005954	20492823	20885369	1.67	cps
Manganese	55-2	1970	2190	2280	2147	7.43	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11422	11539	11897	11619	2.13	cps
Molybdenum	95-1	19965	20750	19865	20193	2.40	cps
Molybdenum	96-1	20683	20483	22611	21259	5.53	cps
Molybdenum	97-1	13199	13841	14391	13810	4.32	cps
Molybdenum	98-1	31120	32866	31646	31877	2.81	cps
Neodymium	150-1	67	133	93	98	34.33	cps
Neodymium	150-2	10	3	23	12	83.33	cps
Nickel	60-2	413	447	413	424	4.53	cps
Phosphorus	31-2	42	25	8	25	66.68	cps
Potassium	39-2	3987541	3952977	3865193	3935237	1.60	cps
Rhodium	103-1	4535713	4721138	4722457	4659769	2.31	cps
Rhodium	103-2	1309503	1300527	1272731	1294254	1.48	cps
Scandium	45-1	3013865	3134102	3130973	3092980	2.22	cps
Scandium	45-2	30764	30326	29003	30031	3.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	311	-59	-129	41	578.08	cps
Silicon	28-1	2923297	3015553	3072502	3003784	2.51	cps
Silver	109-1	1892	2167	2042	2034	6.77	cps
Silver	107-1	2034	1875	2117	2009	6.11	cps
Sodium	23-2	406821601	402327292	392805567	400651487	1.79	cps
Strontium	86-1	8526011	8811638	8724281	8687310	1.68	cps
Strontium	88-1	75067870	77051202	76600958	76240010	1.36	cps
Sulfur	34-1	10737893	11103323	11340071	11060429	2.74	cps
Terbium	159-1	6902239	7070664	7234928	7069277	2.35	cps
Terbium	159-2	1556343	1547258	1493829	1532477	2.20	cps
Thallium	203-1	317	283	258	286	10.23	cps
Thallium	205-1	658	683	742	695	6.16	cps
Tin	118-1	3075	3392	3517	3328	6.84	cps
Titanium	47-1	2775	2500	2500	2592	6.13	cps
Uranium	238-1	35819	35886	36238	35981	0.62	cps
Vanadium	51-2	980	1057	970	1002	4.73	cps
Yttrium	89-1	5439884	5610830	5660144	5570286	2.08	cps
Yttrium	89-2	207686	206440	201706	205277	1.54	cps
Zinc	66-2	450	483	530	488	8.24	cps
Zirconium	90-1	733	883	858	825	9.74	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:46:34	DataFile Name :	028SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	142	217	203	27.36	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:49:47	DataFile Name :	029SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	825	692	761	8.78	cps
Antimony	121-1	5385	5051	5560	5332	4.84	cps
Arsenic	75-2	130	111	135	125	10.06	cps
Barium	135-1	16953	16436	17329	16906	2.65	cps
Barium	137-1	28807	28440	27830	28359	1.74	cps
Beryllium	9-1	83	94	94	91	7.07	cps
Bismuth	209-1	4163046	4080247	4141104	4128132	1.04	cps
Bismuth	209-2	1198215	1148979	1175704	1174300	2.10	cps
Boron	10-1	229498	226476	231748	229241	1.15	cps
Boron	11-1	1074774	1068424	1097633	1080277	1.42	cps
Cadmium	111-1	999	737	735	824	18.43	cps
Cadmium	106-1	1300	917	967	1061	19.64	cps
Cadmium	108-1	33	13	29	25	44.09	cps
Calcium	43-1	2919692	2863938	2875823	2886484	1.02	cps
Calcium	44-1	46333661	45224977	46195834	45918158	1.32	cps
Chromium	52-2	1400	1217	1417	1345	8.25	cps
Cobalt	59-2	357	283	297	312	12.51	cps
Copper	63-2	5178	4908	5408	5164	4.85	cps
Dysprosium	156-1	417	400	367	394	6.45	cps
Dysprosium	156-2	83	127	87	99	24.38	cps
Erbium	164-1	200	167	217	194	13.09	cps
Erbium	164-2	47	40	23	37	32.79	cps
Gadolinium	160-1	333	367	242	314	20.62	cps
Gadolinium	160-2	127	137	123	129	5.38	cps
Holmium	165-1	6983225	6749578	6832168	6854990	1.73	cps
Holmium	165-2	1695752	1593820	1613026	1634199	3.31	cps
Indium	115-1	5407744	5255025	5293004	5318591	1.49	cps
Indium	115-2	282540	270424	278287	277084	2.22	cps
Iron	56-2	107971	102110	105145	105075	2.79	cps
Iron	57-2	2661	2639	2611	2637	0.95	cps
Lead	206-1	4701	4618	4784	4701	1.77	cps
Lead	207-1	4173	3823	4040	4012	4.40	cps
Lead	208-1	19056	18017	18850	18641	2.95	cps
Lithium	6-1	864927	853892	858244	859021	0.65	cps
Magnesium	24-2	15849342	15230536	15476980	15518952	2.01	cps
Manganese	55-2	3407	3270	3374	3350	2.13	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:49:47	DataFile Name :	029SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12022	11664	12398	12028	3.05	cps
Molybdenum	95-1	20650	20241	20383	20424	1.02	cps
Molybdenum	96-1	21952	22035	21468	21818	1.40	cps
Molybdenum	97-1	13399	12623	12389	12804	4.13	cps
Molybdenum	98-1	32883	32415	32909	32736	0.85	cps
Neodymium	150-1	260	333	227	273	19.96	cps
Neodymium	150-2	23	53	40	39	38.65	cps
Nickel	60-2	500	503	447	483	6.58	cps
Phosphorus	31-2	25	100	8	44	109.87	cps
Potassium	39-2	3050309	2929493	2998951	2992918	2.03	cps
Rhodium	103-1	4795812	4634663	4741642	4724039	1.74	cps
Rhodium	103-2	1382084	1327372	1344981	1351479	2.07	cps
Scandium	45-1	3148842	3080103	3140650	3123198	1.20	cps
Scandium	45-2	32120	31034	31472	31542	1.73	cps
Selenium	77-2	27	0	3	10	145.32	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	1292	900	1011	1068	18.90	cps
Silicon	28-1	4910596	4888478	4917828	4905634	0.31	cps
Silver	109-1	1283	958	950	1064	17.87	cps
Silver	107-1	1133	1158	1267	1186	5.98	cps
Sodium	23-2	305020407	293594957	300729757	299781707	1.93	cps
Strontium	86-1	6368268	6272796	6394748	6345271	1.01	cps
Strontium	88-1	55485060	54672301	55880055	55345805	1.11	cps
Sulfur	34-1	8217507	8040429	8095782	8117906	1.12	cps
Terbium	159-1	7218522	6992981	7049924	7087142	1.65	cps
Terbium	159-2	1636615	1530540	1573507	1580220	3.38	cps
Thallium	203-1	183	167	117	156	22.30	cps
Thallium	205-1	400	300	300	333	17.32	cps
Tin	118-1	3050	2825	2984	2953	3.91	cps
Titanium	47-1	6185	5776	5868	5943	3.61	cps
Uranium	238-1	25243	25318	25686	25416	0.93	cps
Vanadium	51-2	930	943	963	946	1.77	cps
Yttrium	89-1	5696013	5621275	5691695	5669661	0.74	cps
Yttrium	89-2	216994	208390	213327	212904	2.03	cps
Zinc	66-2	2910	2980	2964	2951	1.24	cps
Zirconium	90-1	1208	1083	1117	1136	5.70	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:49:47	DataFile Name :	029SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	275	300	278	7.55	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	283	258	256	11.45	cps
Antimony	121-1	3951	4159	4376	4162	5.11	cps
Arsenic	75-2	133	131	119	128	6.32	cps
Barium	135-1	17863	17938	17079	17626	2.70	cps
Barium	137-1	30854	30177	30812	30614	1.24	cps
Beryllium	9-1	94	89	139	107	25.51	cps
Bismuth	209-1	4529828	4434100	4447123	4470350	1.16	cps
Bismuth	209-2	1285752	1288783	1299393	1291309	0.55	cps
Boron	10-1	191747	195861	197331	194980	1.48	cps
Boron	11-1	886154	913407	914458	904673	1.77	cps
Cadmium	111-1	790	820	983	865	12.03	cps
Cadmium	106-1	1008	1000	1258	1089	13.48	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	2456756	2439961	2468834	2455184	0.59	cps
Calcium	44-1	39060618	39096213	39553460	39236764	0.70	cps
Chromium	52-2	993	967	930	963	3.30	cps
Cobalt	59-2	310	280	277	289	6.36	cps
Copper	63-2	3094	3180	3370	3215	4.40	cps
Dysprosium	156-1	275	342	308	308	10.81	cps
Dysprosium	156-2	57	97	67	73	28.39	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	13	7	50	23	100.00	cps
Gadolinium	160-1	517	425	383	442	15.44	cps
Gadolinium	160-2	67	93	103	88	21.59	cps
Holmium	165-1	7502621	7365601	7402341	7423521	0.96	cps
Holmium	165-2	1826612	1813109	1827988	1822570	0.45	cps
Indium	115-1	5818879	5751644	5789770	5786764	0.58	cps
Indium	115-2	307417	308695	307613	307908	0.22	cps
Iron	56-2	38048	37892	37301	37747	1.04	cps
Iron	57-2	900	1011	989	967	6.08	cps
Lead	206-1	2839	2667	2917	2808	4.56	cps
Lead	207-1	2450	2411	2561	2474	3.15	cps
Lead	208-1	11013	10958	11069	11013	0.50	cps
Lithium	6-1	912261	934233	909960	918818	1.46	cps
Magnesium	24-2	13062236	13117210	13078034	13085827	0.22	cps
Manganese	55-2	2877	2930	2914	2907	0.94	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13023	12857	12815	12898	0.86	cps
Molybdenum	95-1	22661	22837	22895	22798	0.53	cps
Molybdenum	96-1	23730	25132	23947	24270	3.11	cps
Molybdenum	97-1	14650	14884	13799	14444	3.95	cps
Molybdenum	98-1	35949	35238	35147	35445	1.24	cps
Neodymium	150-1	60	120	113	98	33.63	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	550	617	600	589	5.89	cps
Phosphorus	31-2	67	33	33	44	43.31	cps
Potassium	39-2	2561344	2557863	2573144	2564117	0.31	cps
Rhodium	103-1	5194167	5183801	5191550	5189839	0.10	cps
Rhodium	103-2	1503203	1519362	1502892	1508486	0.62	cps
Scandium	45-1	3414980	3412037	3362261	3396426	0.87	cps
Scandium	45-2	34653	35722	35114	35163	1.53	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	9	2	4	132.32	cps
Selenium	82-1	1118	1028	826	991	15.10	cps
Silicon	28-1	5977128	5866605	5956115	5933282	0.99	cps
Silver	109-1	850	683	917	817	14.72	cps
Silver	107-1	792	958	825	858	10.27	cps
Sodium	23-2	251777156	254991331	253692656	253487047	0.64	cps
Strontium	86-1	5348910	5325049	5308374	5327445	0.38	cps
Strontium	88-1	46478565	46319482	46026220	46274756	0.50	cps
Sulfur	34-1	6826014	6897376	6843988	6855793	0.54	cps
Terbium	159-1	7733885	7739909	7693065	7722286	0.33	cps
Terbium	159-2	1783495	1808058	1799106	1796886	0.69	cps
Thallium	203-1	150	183	133	156	16.37	cps
Thallium	205-1	300	200	283	261	20.52	cps
Tin	118-1	2517	2534	2500	2517	0.66	cps
Titanium	47-1	1842	2059	1975	1959	5.58	cps
Uranium	238-1	19850	19750	20025	19875	0.70	cps
Vanadium	51-2	703	800	780	761	6.70	cps
Yttrium	89-1	6201980	6189141	6165162	6185428	0.30	cps
Yttrium	89-2	236475	236108	236052	236212	0.10	cps
Zinc	66-2	2944	3027	3167	3046	3.71	cps
Zirconium	90-1	1067	1050	1042	1053	1.20	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z86	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:53:01	DataFile Name :	030SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	217	194	16.23	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	192	233	181	32.75	cps
Antimony	121-1	5568	5877	6544	5996	8.32	cps
Arsenic	75-2	143	130	163	145	11.59	cps
Barium	135-1	17704	17396	17262	17454	1.30	cps
Barium	137-1	30653	30060	30019	30244	1.17	cps
Beryllium	9-1	106	56	106	89	32.48	cps
Bismuth	209-1	4100860	4115378	4071458	4095899	0.55	cps
Bismuth	209-2	1210160	1213966	1213448	1212524	0.17	cps
Boron	10-1	300945	306026	309141	305371	1.35	cps
Boron	11-1	1404575	1434299	1437157	1425344	1.27	cps
Cadmium	111-1	940	792	951	894	9.91	cps
Cadmium	106-1	1242	1033	1267	1181	10.85	cps
Cadmium	108-1	13	21	33	22	47.18	cps
Calcium	43-1	3766072	3805959	3752924	3774985	0.73	cps
Calcium	44-1	59782876	60823158	60633581	60413205	0.92	cps
Chromium	52-2	793	1010	907	903	12.00	cps
Cobalt	59-2	130	197	180	169	20.54	cps
Copper	63-2	3254	3097	2904	3085	5.68	cps
Dysprosium	156-1	100	33	75	69	48.50	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	133	92	100	108	20.35	cps
Erbium	164-2	17	27	7	17	59.99	cps
Gadolinium	160-1	108	175	92	125	35.28	cps
Gadolinium	160-2	13	30	27	23	37.81	cps
Holmium	165-1	6981535	7025891	6995416	7000947	0.32	cps
Holmium	165-2	1741572	1741542	1715348	1732821	0.87	cps
Indium	115-1	5462749	5497657	5518763	5493057	0.51	cps
Indium	115-2	296552	293597	295232	295127	0.50	cps
Iron	56-2	59962	59455	59555	59657	0.45	cps
Iron	57-2	1406	1445	1500	1450	3.27	cps
Lead	206-1	2995	3151	2884	3010	4.45	cps
Lead	207-1	2350	2367	2450	2389	2.24	cps
Lead	208-1	11308	11936	11330	11525	3.09	cps
Lithium	6-1	841594	846146	839018	842253	0.43	cps
Magnesium	24-2	21510225	21731964	21677689	21639959	0.53	cps
Manganese	55-2	4221	3754	3617	3864	8.19	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13708	13098	13624	13477	2.45	cps
Molybdenum	95-1	23154	24039	23413	23535	1.93	cps
Molybdenum	96-1	24523	24489	25559	24857	2.45	cps
Molybdenum	97-1	15368	15418	15701	15496	1.16	cps
Molybdenum	98-1	37729	37386	36826	37314	1.22	cps
Neodymium	150-1	73	33	147	84	68.07	cps
Neodymium	150-2	17	17	3	12	63.01	cps
Nickel	60-2	590	597	600	596	0.85	cps
Phosphorus	31-2	25	8	25	19	49.50	cps
Potassium	39-2	4111072	4085289	4171219	4122527	1.07	cps
Rhodium	103-1	4943489	4986877	4939231	4956532	0.53	cps
Rhodium	103-2	1421786	1418036	1422388	1420737	0.17	cps
Scandium	45-1	3302240	3274744	3307431	3294805	0.53	cps
Scandium	45-2	34158	34843	33988	34330	1.32	cps
Selenium	77-2	10	17	3	10	66.70	cps
Selenium	78-2	13	33	7	18	76.26	cps
Selenium	82-1	793	649	366	603	36.07	cps
Silicon	28-1	1729351	1750522	1781278	1753717	1.49	cps
Silver	109-1	917	867	817	867	5.77	cps
Silver	107-1	725	783	858	789	8.47	cps
Sodium	23-2	419962234	418945426	417634501	418847387	0.28	cps
Strontium	86-1	8373260	8398079	8442815	8404718	0.42	cps
Strontium	88-1	73082777	72725204	73850456	73219479	0.79	cps
Sulfur	34-1	11002949	11161563	11214264	11126258	0.99	cps
Terbium	159-1	7225501	7273959	7237355	7245605	0.35	cps
Terbium	159-2	1696585	1715649	1699328	1703854	0.60	cps
Thallium	203-1	125	217	83	142	48.18	cps
Thallium	205-1	292	300	258	283	7.78	cps
Tin	118-1	3509	3376	3534	3473	2.45	cps
Titanium	47-1	1642	1809	1967	1806	9.00	cps
Uranium	238-1	35752	35661	35644	35686	0.16	cps
Vanadium	51-2	790	770	807	789	2.32	cps
Yttrium	89-1	5954097	5942694	6002835	5966542	0.54	cps
Yttrium	89-2	232735	230556	231321	231537	0.48	cps
Zinc	66-2	1210	1150	1193	1185	2.61	cps
Zirconium	90-1	742	733	608	694	10.76	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z87	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:56:11	DataFile Name :	031SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	283	189	43.53	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	50	61	15.75	cps
Antimony	121-1	5843	6218	6910	6324	8.56	cps
Arsenic	75-2	124	107	128	120	9.06	cps
Barium	135-1	17337	16302	16361	16667	3.49	cps
Barium	137-1	29818	29877	29509	29734	0.66	cps
Beryllium	9-1	94	100	50	81	33.63	cps
Bismuth	209-1	4059502	3969799	4024299	4017867	1.12	cps
Bismuth	209-2	1195016	1180399	1185064	1186826	0.63	cps
Boron	10-1	301906	306638	302799	303781	0.83	cps
Boron	11-1	1416888	1435912	1427520	1426773	0.67	cps
Cadmium	111-1	783	800	821	801	2.37	cps
Cadmium	106-1	1050	1075	1075	1067	1.35	cps
Cadmium	108-1	21	21	33	25	28.87	cps
Calcium	43-1	3820454	3829521	3839357	3829777	0.25	cps
Calcium	44-1	61652301	61390112	61354999	61465804	0.26	cps
Chromium	52-2	530	613	527	557	8.82	cps
Cobalt	59-2	120	90	110	107	14.32	cps
Copper	63-2	2707	2680	2607	2665	1.94	cps
Dysprosium	156-1	108	50	75	78	37.63	cps
Dysprosium	156-2	10	3	27	13	90.16	cps
Erbium	164-1	75	50	58	61	20.83	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	83	92	83	86	5.58	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	6866034	6837030	6802626	6835230	0.46	cps
Holmium	165-2	1729952	1695130	1714938	1713340	1.02	cps
Indium	115-1	5418686	5504336	5455360	5459461	0.79	cps
Indium	115-2	293627	291286	293351	292755	0.44	cps
Iron	56-2	52086	51456	52053	51865	0.68	cps
Iron	57-2	1395	1439	1422	1419	1.58	cps
Lead	206-1	2356	2250	2473	2360	4.71	cps
Lead	207-1	1850	1767	1917	1845	4.07	cps
Lead	208-1	9207	8557	9001	8922	3.72	cps
Lithium	6-1	840540	826582	818567	828563	1.34	cps
Magnesium	24-2	21692850	21592733	21679600	21655061	0.25	cps
Manganese	55-2	3524	3487	3647	3553	2.36	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14024	13674	13991	13897	1.39	cps
Molybdenum	95-1	24957	24590	23647	24398	2.77	cps
Molybdenum	96-1	26084	24974	25500	25519	2.18	cps
Molybdenum	97-1	15593	15518	16361	15824	2.95	cps
Molybdenum	98-1	38706	40019	38188	38971	2.42	cps
Neodymium	150-1	80	47	53	60	29.39	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	403	357	383	381	6.14	cps
Phosphorus	31-2	33	25	17	25	33.32	cps
Potassium	39-2	4167835	4129660	4200980	4166158	0.86	cps
Rhodium	103-1	4902563	4945027	4866540	4904710	0.80	cps
Rhodium	103-2	1405309	1387653	1397893	1396952	0.63	cps
Scandium	45-1	3314750	3333264	3260488	3302834	1.15	cps
Scandium	45-2	34436	34078	33774	34096	0.97	cps
Selenium	77-2	27	0	3	10	145.32	cps
Selenium	78-2	7	6	4	6	33.38	cps
Selenium	82-1	769	336	157	421	74.85	cps
Silicon	28-1	1362769	1254740	1236606	1284705	5.31	cps
Silver	109-1	958	733	808	833	13.75	cps
Silver	107-1	842	767	858	822	5.94	cps
Sodium	23-2	422924843	421515518	419168901	421203087	0.45	cps
Strontium	86-1	8515830	8430776	8535728	8494111	0.66	cps
Strontium	88-1	74529133	74446377	74560379	74511963	0.08	cps
Sulfur	34-1	11252721	11303933	11238881	11265178	0.30	cps
Terbium	159-1	7207502	7198042	7071119	7158888	1.06	cps
Terbium	159-2	1699965	1682885	1688149	1690333	0.52	cps
Thallium	203-1	108	108	75	97	19.80	cps
Thallium	205-1	208	258	217	228	11.76	cps
Tin	118-1	2659	2800	3059	2839	7.15	cps
Titanium	47-1	1342	1408	1508	1420	5.91	cps
Uranium	238-1	36672	35711	35385	35923	1.86	cps
Vanadium	51-2	787	707	730	741	5.55	cps
Yttrium	89-1	5933470	5851940	5937115	5907509	0.82	cps
Yttrium	89-2	227639	226181	225719	226513	0.44	cps
Zinc	66-2	843	833	820	832	1.41	cps
Zirconium	90-1	642	725	558	642	12.99	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z88	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 13:59:22	DataFile Name :	032SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	150	158	158	5.26	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	75	75	97	39.59	cps
Antimony	121-1	5852	6035	6160	6016	2.58	cps
Arsenic	75-2	115	143	152	136	14.13	cps
Barium	135-1	16978	16494	16778	16750	1.45	cps
Barium	137-1	28607	27980	28206	28265	1.12	cps
Beryllium	9-1	67	44	94	69	36.56	cps
Bismuth	209-1	3898884	3875056	3875447	3883129	0.35	cps
Bismuth	209-2	1179144	1171296	1162717	1171053	0.70	cps
Boron	10-1	290306	288377	294214	290966	1.02	cps
Boron	11-1	1383533	1344018	1391078	1372876	1.84	cps
Cadmium	111-1	897	730	688	772	14.30	cps
Cadmium	106-1	1150	925	925	1000	12.99	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	3737911	3660862	3686673	3695148	1.06	cps
Calcium	44-1	60323058	59052416	59543458	59639644	1.07	cps
Chromium	52-2	523	540	587	550	5.97	cps
Cobalt	59-2	163	127	107	132	21.74	cps
Copper	63-2	2367	2297	2467	2377	3.60	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	13	3	63	27	120.57	cps
Erbium	164-1	42	100	75	72	40.52	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	117	67	92	92	27.27	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	6783137	6686061	6667636	6712278	0.92	cps
Holmium	165-2	1714846	1659788	1663540	1679391	1.83	cps
Indium	115-1	5422460	5353677	5336028	5370722	0.85	cps
Indium	115-2	292074	290667	290786	291176	0.27	cps
Iron	56-2	51501	51334	51936	51590	0.60	cps
Iron	57-2	1378	1367	1439	1395	2.79	cps
Lead	206-1	2117	2206	1978	2100	5.47	cps
Lead	207-1	1867	1778	1845	1830	2.53	cps
Lead	208-1	8607	8613	8129	8450	3.28	cps
Lithium	6-1	795450	790923	797010	794461	0.40	cps
Magnesium	24-2	21170954	21046668	21209608	21142410	0.40	cps
Manganese	55-2	3304	3267	3437	3336	2.68	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13766	13983	13015	13588	3.74	cps
Molybdenum	95-1	23697	24715	23279	23897	3.09	cps
Molybdenum	96-1	25041	24490	25275	24935	1.62	cps
Molybdenum	97-1	15368	15142	15418	15309	0.96	cps
Molybdenum	98-1	36885	37302	37921	37369	1.40	cps
Neodymium	150-1	120	53	53	76	50.96	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	290	383	343	339	13.82	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	4077422	4088613	4070313	4078783	0.23	cps
Rhodium	103-1	4835274	4821511	4776440	4811075	0.64	cps
Rhodium	103-2	1389606	1387386	1382000	1386330	0.28	cps
Scandium	45-1	3259470	3241787	3269155	3256804	0.43	cps
Scandium	45-2	34095	34091	34205	34131	0.19	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	301	-113	121	103	201.65	cps
Silicon	28-1	1229640	1214536	1267211	1237129	2.19	cps
Silver	109-1	908	717	767	797	12.47	cps
Silver	107-1	717	733	742	731	1.74	cps
Sodium	23-2	409638659	409592067	407255584	408828770	0.33	cps
Strontium	86-1	8262971	8162190	8223977	8216379	0.62	cps
Strontium	88-1	72773627	71525347	71956877	72085284	0.88	cps
Sulfur	34-1	11008507	10775736	10857966	10880736	1.08	cps
Terbium	159-1	7078845	7008704	7024470	7037340	0.52	cps
Terbium	159-2	1673840	1625735	1651902	1650493	1.46	cps
Thallium	203-1	58	50	75	61	20.83	cps
Thallium	205-1	275	233	175	228	22.05	cps
Tin	118-1	3251	3017	2934	3067	5.35	cps
Titanium	47-1	1442	1500	1608	1517	5.58	cps
Uranium	238-1	34507	33864	34390	34254	1.00	cps
Vanadium	51-2	717	743	730	730	1.83	cps
Yttrium	89-1	5805049	5739387	5790686	5778374	0.60	cps
Yttrium	89-2	227018	224940	224740	225566	0.56	cps
Zinc	66-2	1040	927	930	966	6.68	cps
Zirconium	90-1	533	708	658	633	14.23	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z89	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:02:35	DataFile Name :	033SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	158	150	136	23.18	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	133	103	38.31	cps
Antimony	121-1	5910	5902	6785	6199	8.19	cps
Arsenic	75-2	111	146	143	133	14.50	cps
Barium	135-1	17287	17304	17145	17245	0.51	cps
Barium	137-1	30486	29868	29450	29935	1.74	cps
Beryllium	9-1	61	39	50	50	22.22	cps
Bismuth	209-1	3885280	3868319	3914647	3889415	0.60	cps
Bismuth	209-2	1201246	1195378	1191722	1196115	0.40	cps
Boron	10-1	293052	297083	305394	298510	2.11	cps
Boron	11-1	1392170	1408213	1449570	1416651	2.09	cps
Cadmium	111-1	970	744	874	863	13.12	cps
Cadmium	106-1	1300	917	1217	1145	17.62	cps
Cadmium	108-1	4	8	75	29	136.28	cps
Calcium	43-1	3832682	3840996	3906184	3859954	1.04	cps
Calcium	44-1	61268862	61475972	61961791	61568875	0.58	cps
Chromium	52-2	630	603	587	607	3.60	cps
Cobalt	59-2	123	147	143	138	9.16	cps
Copper	63-2	2740	2724	2667	2710	1.42	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	67	33	83	61	41.67	cps
Erbium	164-2	27	17	10	18	47.19	cps
Gadolinium	160-1	92	100	67	86	20.15	cps
Gadolinium	160-2	20	7	23	17	52.90	cps
Holmium	165-1	6658176	6700722	6713551	6690816	0.43	cps
Holmium	165-2	1743545	1731048	1717552	1730715	0.75	cps
Indium	115-1	5346687	5376831	5336130	5353216	0.39	cps
Indium	115-2	297815	299395	298829	298680	0.27	cps
Iron	56-2	60699	59282	58244	59408	2.07	cps
Iron	57-2	1467	1672	1589	1576	6.56	cps
Lead	206-1	2750	2773	2656	2726	2.27	cps
Lead	207-1	2234	2217	2206	2219	0.62	cps
Lead	208-1	10241	10402	10080	10241	1.57	cps
Lithium	6-1	787029	789124	797992	791382	0.74	cps
Magnesium	24-2	22367866	22212448	22238155	22272823	0.37	cps
Manganese	55-2	3994	3937	3897	3943	1.23	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14216	14141	13632	13997	2.27	cps
Molybdenum	95-1	23496	24907	24907	24437	3.33	cps
Molybdenum	96-1	26677	26110	25900	26229	1.53	cps
Molybdenum	97-1	15877	15409	16210	15832	2.54	cps
Molybdenum	98-1	38740	37962	38514	38405	1.04	cps
Neodymium	150-1	73	47	47	56	27.71	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	377	387	373	379	1.83	cps
Phosphorus	31-2	8	50	17	25	88.19	cps
Potassium	39-2	4350025	4310040	4348615	4336227	0.52	cps
Rhodium	103-1	4698524	4769428	4867953	4778635	1.78	cps
Rhodium	103-2	1430834	1419396	1412402	1420877	0.65	cps
Scandium	45-1	3235053	3266764	3306294	3269370	1.09	cps
Scandium	45-2	35094	34142	35127	34788	1.61	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	13	6	7	9	44.56	cps
Selenium	82-1	251	80	-293	13	2217.19	cps
Silicon	28-1	1192920	1195886	1277656	1222154	3.93	cps
Silver	109-1	817	775	667	753	10.29	cps
Silver	107-1	633	633	767	678	11.36	cps
Sodium	23-2	436184426	436060743	432445226	434896799	0.49	cps
Strontium	86-1	8423462	8470136	8563443	8485680	0.84	cps
Strontium	88-1	73323143	74476175	75002035	74267118	1.16	cps
Sulfur	34-1	11251153	11235883	11410610	11299215	0.86	cps
Terbium	159-1	6974776	7080622	7074338	7043245	0.84	cps
Terbium	159-2	1725521	1697264	1680820	1701202	1.33	cps
Thallium	203-1	192	67	83	114	59.59	cps
Thallium	205-1	150	200	142	164	19.25	cps
Tin	118-1	2900	3000	3117	3006	3.61	cps
Titanium	47-1	1850	1884	2092	1942	6.75	cps
Uranium	238-1	36437	36337	36237	36337	0.28	cps
Vanadium	51-2	847	650	697	731	14.06	cps
Yttrium	89-1	5734052	5820292	5821054	5791799	0.86	cps
Yttrium	89-2	233660	231408	232013	232361	0.50	cps
Zinc	66-2	1050	1050	980	1027	3.94	cps
Zirconium	90-1	642	367	5258	2089	131.56	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z90	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:05:47	DataFile Name :	034SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	183	117	122	47.89	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	58	78	22.30	cps
Antimony	121-1	5293	5518	5777	5529	4.38	cps
Arsenic	75-2	159	137	113	136	16.97	cps
Barium	135-1	15568	16144	15935	15882	1.83	cps
Barium	137-1	28098	27855	28557	28170	1.26	cps
Beryllium	9-1	61	89	56	69	26.06	cps
Bismuth	209-1	3604667	3598594	3617381	3606881	0.27	cps
Bismuth	209-2	1119347	1139945	1130334	1129875	0.91	cps
Boron	10-1	271802	280078	283702	278527	2.19	cps
Boron	11-1	1302338	1323834	1324988	1317054	0.97	cps
Cadmium	111-1	699	720	770	730	4.99	cps
Cadmium	106-1	950	908	992	950	4.39	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	3591040	3636381	3652883	3626768	0.88	cps
Calcium	44-1	58293491	57259189	58693962	58082214	1.27	cps
Chromium	52-2	820	867	1013	900	11.21	cps
Cobalt	59-2	177	153	137	156	12.92	cps
Copper	63-2	2400	2377	2387	2388	0.49	cps
Dysprosium	156-1	75	58	58	64	15.05	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	75	83	75	78	6.19	cps
Gadolinium	160-2	10	7	20	12	56.76	cps
Holmium	165-1	6220941	6353660	6310193	6294931	1.07	cps
Holmium	165-2	1610502	1641647	1633645	1628598	0.99	cps
Indium	115-1	4997071	5038560	5067886	5034506	0.71	cps
Indium	115-2	279877	283387	283640	282302	0.75	cps
Iron	56-2	53224	52867	54244	53445	1.34	cps
Iron	57-2	1506	1467	1567	1513	3.33	cps
Lead	206-1	2211	2161	2195	2189	1.16	cps
Lead	207-1	1867	1984	1784	1878	5.35	cps
Lead	208-1	8818	8707	8651	8726	0.97	cps
Lithium	6-1	738988	741830	751719	744179	0.90	cps
Magnesium	24-2	20934349	21334392	21173635	21147459	0.95	cps
Manganese	55-2	3314	3417	3467	3399	2.30	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13457	13207	12673	13112	3.05	cps
Molybdenum	95-1	22912	22528	22603	22681	0.90	cps
Molybdenum	96-1	24531	23922	23972	24142	1.40	cps
Molybdenum	97-1	15234	15001	14633	14956	2.02	cps
Molybdenum	98-1	36884	36183	36826	36631	1.06	cps
Neodymium	150-1	100	107	20	76	63.83	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	547	673	483	568	17.04	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	4101352	4109036	4159898	4123429	0.77	cps
Rhodium	103-1	4486092	4537977	4513370	4512480	0.58	cps
Rhodium	103-2	1321127	1352349	1346725	1340067	1.24	cps
Scandium	45-1	3041471	3073632	3076617	3063907	0.64	cps
Scandium	45-2	32341	33423	32905	32890	1.65	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	266	-171	-208	-38	-692.79	cps
Silicon	28-1	1152814	1180317	1353570	1228900	8.86	cps
Silver	109-1	500	550	342	464	23.45	cps
Silver	107-1	633	458	517	536	16.62	cps
Sodium	23-2	410212443	417011459	413315643	413513181	0.82	cps
Strontium	86-1	7975614	7975654	7997053	7982773	0.15	cps
Strontium	88-1	70272108	69558712	70011454	69947424	0.52	cps
Sulfur	34-1	10546087	10369191	10620002	10511760	1.23	cps
Terbium	159-1	6553622	6548172	6547727	6549840	0.05	cps
Terbium	159-2	1538556	1576901	1558763	1558073	1.23	cps
Thallium	203-1	125	100	58	94	35.66	cps
Thallium	205-1	217	158	217	197	17.08	cps
Tin	118-1	2750	2675	2984	2803	5.74	cps
Titanium	47-1	1659	1809	1909	1792	7.02	cps
Uranium	238-1	33404	33605	33621	33544	0.36	cps
Vanadium	51-2	750	740	637	709	8.85	cps
Yttrium	89-1	5494827	5443695	5466676	5468399	0.47	cps
Yttrium	89-2	220110	221318	220547	220658	0.28	cps
Zinc	66-2	783	770	843	799	4.89	cps
Zirconium	90-1	483	508	483	492	2.94	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z91	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:09:00	DataFile Name :	035SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	92	142	31.13	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:12:12	DataFile Name :	036SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	58	56	52.68	cps
Antimony	121-1	5977	6377	6827	6394	6.65	cps
Arsenic	75-2	141	169	156	155	8.97	cps
Barium	135-1	11831	11556	11147	11511	2.99	cps
Barium	137-1	20458	20183	19565	20069	2.28	cps
Beryllium	9-1	72	78	50	67	22.05	cps
Bismuth	209-1	3672202	3606885	3562241	3613776	1.53	cps
Bismuth	209-2	1096341	1097485	1089771	1094532	0.38	cps
Boron	10-1	302129	306565	301413	303369	0.92	cps
Boron	11-1	1435998	1456758	1439593	1444116	0.77	cps
Cadmium	111-1	818	707	712	746	8.36	cps
Cadmium	106-1	1092	883	967	981	10.69	cps
Cadmium	108-1	25	4	21	17	66.13	cps
Calcium	43-1	3951592	3913085	3873072	3912583	1.00	cps
Calcium	44-1	63603041	63585508	62749324	63312624	0.77	cps
Chromium	52-2	493	470	453	472	4.25	cps
Cobalt	59-2	57	100	77	78	27.88	cps
Copper	63-2	2337	2287	2377	2334	1.93	cps
Dysprosium	156-1	33	50	58	47	26.97	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	108	67	100	92	24.05	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	100	75	92	89	14.33	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	6339701	6311586	6233068	6294785	0.88	cps
Holmium	165-2	1559568	1554753	1547128	1553816	0.40	cps
Indium	115-1	5100072	5121382	4970950	5064135	1.61	cps
Indium	115-2	277258	274216	272046	274507	0.95	cps
Iron	56-2	6641	6624	6491	6585	1.25	cps
Iron	57-2	217	194	200	204	5.68	cps
Lead	206-1	500	594	556	550	8.63	cps
Lead	207-1	506	533	506	515	3.12	cps
Lead	208-1	2211	2161	2161	2178	1.33	cps
Lithium	6-1	740469	746382	744444	743765	0.41	cps
Magnesium	24-2	22511969	22411571	22090936	22338159	0.98	cps
Manganese	55-2	1270	1247	1247	1255	1.07	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:12:12	DataFile Name :	036SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11989	11113	10463	11188	6.84	cps
Molybdenum	95-1	19907	20408	19214	19843	3.02	cps
Molybdenum	96-1	21142	21025	20950	21039	0.46	cps
Molybdenum	97-1	13349	13349	13916	13538	2.42	cps
Molybdenum	98-1	31362	31037	30577	30992	1.27	cps
Neodymium	150-1	20	53	7	27	90.14	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	423	367	450	413	10.30	cps
Phosphorus	31-2	50	67	17	44	57.28	cps
Potassium	39-2	4436121	4344543	4350539	4377067	1.17	cps
Rhodium	103-1	4547617	4555729	4450692	4518013	1.29	cps
Rhodium	103-2	1310704	1296121	1295834	1300887	0.65	cps
Scandium	45-1	3124951	3112102	3057340	3098131	1.16	cps
Scandium	45-2	31602	32291	31709	31867	1.16	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-73	-441	-436	-316	-66.76	cps
Silicon	28-1	2917586	2890856	2853074	2887172	1.12	cps
Silver	109-1	500	400	417	439	12.21	cps
Silver	107-1	533	442	458	478	10.22	cps
Sodium	23-2	437604276	436479643	434471060	436184993	0.36	cps
Strontium	86-1	8701824	8699066	8623135	8674675	0.51	cps
Strontium	88-1	76552573	75950710	75771629	76091637	0.54	cps
Sulfur	34-1	11690067	11571477	11244837	11502127	2.00	cps
Terbium	159-1	6619451	6591028	6551856	6587445	0.52	cps
Terbium	159-2	1529598	1512301	1502909	1514936	0.89	cps
Thallium	203-1	83	58	83	75	19.24	cps
Thallium	205-1	167	208	125	167	25.00	cps
Tin	118-1	2817	2667	2592	2692	4.26	cps
Titanium	47-1	1675	1709	1834	1739	4.80	cps
Uranium	238-1	31959	31533	29812	31101	3.66	cps
Vanadium	51-2	1143	990	1090	1075	7.25	cps
Yttrium	89-1	5487391	5549369	5391312	5476024	1.45	cps
Yttrium	89-2	215343	216445	214259	215349	0.51	cps
Zinc	66-2	347	297	320	321	7.79	cps
Zirconium	90-1	533	542	592	556	5.68	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:12:12	DataFile Name :	036SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	167	92	122	32.22	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	108	97	9.90	cps
Antimony	121-1	5601	6127	5852	5860	4.48	cps
Arsenic	75-2	174	156	170	167	5.88	cps
Barium	135-1	11914	12031	11297	11747	3.36	cps
Barium	137-1	19983	20575	21351	20637	3.33	cps
Beryllium	9-1	22	72	44	46	54.12	cps
Bismuth	209-1	3578739	3603682	3506187	3562869	1.42	cps
Bismuth	209-2	1068823	1075137	1068975	1070978	0.34	cps
Boron	10-1	294542	294557	290799	293299	0.74	cps
Boron	11-1	1389109	1410643	1393882	1397878	0.81	cps
Cadmium	111-1	666	771	828	755	10.87	cps
Cadmium	106-1	867	1067	1142	1025	13.87	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	3806060	3788655	3724871	3773195	1.13	cps
Calcium	44-1	61298872	61263499	60912183	61158185	0.35	cps
Chromium	52-2	500	507	460	489	5.16	cps
Cobalt	59-2	63	70	80	71	11.80	cps
Copper	63-2	2290	2547	2354	2397	5.58	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	33	58	75	56	37.75	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	92	83	75	83	10.00	cps
Gadolinium	160-2	7	33	13	18	78.05	cps
Holmium	165-1	6213271	6229962	6057474	6166902	1.54	cps
Holmium	165-2	1513339	1524819	1513270	1517142	0.44	cps
Indium	115-1	4946115	4985611	4941517	4957748	0.49	cps
Indium	115-2	268496	270288	269204	269329	0.34	cps
Iron	56-2	16783	17039	16811	16877	0.83	cps
Iron	57-2	422	639	389	483	28.09	cps
Lead	206-1	739	589	745	691	12.78	cps
Lead	207-1	500	750	600	617	20.42	cps
Lead	208-1	2500	2728	2772	2667	5.48	cps
Lithium	6-1	730124	728472	720408	726335	0.72	cps
Magnesium	24-2	21429668	21640278	21700514	21590153	0.66	cps
Manganese	55-2	1613	1597	1647	1619	1.57	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11088	11122	10947	11052	0.84	cps
Molybdenum	95-1	19273	19607	19147	19342	1.23	cps
Molybdenum	96-1	20333	20282	20149	20255	0.47	cps
Molybdenum	97-1	12681	13274	12940	12965	2.29	cps
Molybdenum	98-1	30686	30644	30343	30558	0.61	cps
Neodymium	150-1	40	40	93	58	53.30	cps
Neodymium	150-2	3	17	17	12	63.01	cps
Nickel	60-2	370	360	390	373	4.09	cps
Phosphorus	31-2	42	58	42	47	20.38	cps
Potassium	39-2	4214868	4256150	4187736	4219584	0.82	cps
Rhodium	103-1	4454910	4438217	4422044	4438390	0.37	cps
Rhodium	103-2	1275410	1270218	1275001	1273543	0.23	cps
Scandium	45-1	3022346	3060825	3020489	3034554	0.75	cps
Scandium	45-2	31372	32050	31318	31580	1.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	29	-351	-666	-329	-105.70	cps
Silicon	28-1	2949236	2896042	2860239	2901839	1.54	cps
Silver	109-1	358	250	283	297	18.67	cps
Silver	107-1	325	417	450	397	16.30	cps
Sodium	23-2	416766309	421096076	420351201	419404529	0.55	cps
Strontium	86-1	8453273	8472893	8447214	8457793	0.16	cps
Strontium	88-1	73389466	74762695	73145058	73765740	1.18	cps
Sulfur	34-1	11085694	11106503	10938451	11043550	0.83	cps
Terbium	159-1	6500081	6548919	6323583	6457528	1.84	cps
Terbium	159-2	1479855	1484308	1481165	1481776	0.15	cps
Thallium	203-1	117	42	117	92	47.24	cps
Thallium	205-1	167	167	225	186	18.09	cps
Tin	118-1	2434	2492	2217	2381	6.09	cps
Titanium	47-1	1867	2259	2067	2064	9.49	cps
Uranium	238-1	31048	29361	29060	29823	3.59	cps
Vanadium	51-2	983	960	1000	981	2.05	cps
Yttrium	89-1	5409066	5456378	5326598	5397347	1.22	cps
Yttrium	89-2	209794	210624	211179	210532	0.33	cps
Zinc	66-2	363	380	370	371	2.26	cps
Zirconium	90-1	400	658	592	550	24.39	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:15:26	DataFile Name :	037SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	125	158	125	26.67	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	125	167	150	14.70	cps
Antimony	121-1	5243	6335	5993	5857	9.54	cps
Arsenic	75-2	165	178	157	167	6.19	cps
Barium	135-1	11572	11314	12223	11703	4.00	cps
Barium	137-1	21051	20375	19732	20386	3.24	cps
Beryllium	9-1	139	56	50	81	61.13	cps
Bismuth	209-1	3539658	3539006	3511655	3530106	0.45	cps
Bismuth	209-2	1078540	1075669	1070667	1074958	0.37	cps
Boron	10-1	293739	292959	297966	294888	0.91	cps
Boron	11-1	1377410	1398670	1388171	1388083	0.77	cps
Cadmium	111-1	767	658	790	738	9.54	cps
Cadmium	106-1	1042	875	1050	989	9.98	cps
Cadmium	108-1	29	13	29	24	40.76	cps
Calcium	43-1	3843898	3851643	3792226	3829256	0.84	cps
Calcium	44-1	61869301	62332751	61468097	61890050	0.70	cps
Chromium	52-2	570	507	457	511	11.11	cps
Cobalt	59-2	140	90	100	110	24.05	cps
Copper	63-2	2507	2267	2654	2476	7.89	cps
Dysprosium	156-1	25	67	58	50	44.10	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	100	25	75	67	57.28	cps
Erbium	164-2	13	13	30	19	50.98	cps
Gadolinium	160-1	100	50	58	69	38.58	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	6253380	6179668	6157633	6196894	0.81	cps
Holmium	165-2	1539129	1514446	1516355	1523310	0.90	cps
Indium	115-1	4941810	4986750	4960242	4962934	0.46	cps
Indium	115-2	273192	269994	269149	270778	0.79	cps
Iron	56-2	17284	17801	17873	17652	1.82	cps
Iron	57-2	544	511	456	504	8.91	cps
Lead	206-1	700	578	689	656	10.31	cps
Lead	207-1	544	533	467	515	8.17	cps
Lead	208-1	2584	2511	2528	2541	1.49	cps
Lithium	6-1	727598	727192	730503	728431	0.25	cps
Magnesium	24-2	22023380	21700016	21661222	21794873	0.91	cps
Manganese	55-2	1550	1637	1633	1607	3.06	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10805	11013	11255	11024	2.05	cps
Molybdenum	95-1	19632	19298	20316	19748	2.63	cps
Molybdenum	96-1	20132	20157	20441	20244	0.85	cps
Molybdenum	97-1	13007	12606	13199	12937	2.34	cps
Molybdenum	98-1	31579	31011	30577	31056	1.62	cps
Neodymium	150-1	40	60	73	58	29.04	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	377	430	390	399	6.96	cps
Phosphorus	31-2	50	33	50	44	21.66	cps
Potassium	39-2	4329828	4229278	4242670	4267259	1.28	cps
Rhodium	103-1	4471073	4446101	4461100	4459425	0.28	cps
Rhodium	103-2	1287984	1275508	1275190	1279561	0.57	cps
Scandium	45-1	3078865	3120074	3049613	3082851	1.15	cps
Scandium	45-2	31365	31502	31499	31455	0.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	74	11	2	29	135.47	cps
Selenium	82-1	89	-390	-466	-256	-117.69	cps
Silicon	28-1	2948759	2982153	2942360	2957757	0.72	cps
Silver	109-1	408	292	292	331	20.38	cps
Silver	107-1	392	333	358	361	8.10	cps
Sodium	23-2	429415026	425153893	422867209	425812043	0.78	cps
Strontium	86-1	8539296	8500035	8553618	8530983	0.33	cps
Strontium	88-1	74659700	74862056	74186189	74569315	0.47	cps
Sulfur	34-1	11231795	11167519	11100821	11166712	0.59	cps
Terbium	159-1	6472893	6551932	6420588	6481804	1.02	cps
Terbium	159-2	1490174	1484159	1477748	1484027	0.42	cps
Thallium	203-1	50	133	92	92	45.46	cps
Thallium	205-1	175	150	242	189	25.09	cps
Tin	118-1	2192	2367	2459	2339	5.79	cps
Titanium	47-1	2250	2727	2300	2426	10.79	cps
Uranium	238-1	29344	29870	30355	29856	1.69	cps
Vanadium	51-2	1097	1030	1070	1066	3.15	cps
Yttrium	89-1	5472744	5456133	5406829	5445235	0.63	cps
Yttrium	89-2	213022	211760	209798	211527	0.77	cps
Zinc	66-2	380	323	343	349	8.24	cps
Zirconium	90-1	592	500	800	631	24.40	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:18:40	DataFile Name :	038SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	142	147	11.78	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	25	44	39.04	cps
Antimony	121-1	1142	1283	1017	1147	11.63	cps
Arsenic	75-2	57	33	24	38	44.97	cps
Barium	135-1	2517	2559	2292	2456	5.84	cps
Barium	137-1	4234	4385	4551	4390	3.61	cps
Beryllium	9-1	89	28	50	56	55.68	cps
Bismuth	209-1	3680825	3671348	3761987	3704720	1.34	cps
Bismuth	209-2	1274920	1291231	1244497	1270216	1.87	cps
Boron	10-1	59006	59968	62169	60381	2.69	cps
Boron	11-1	299610	299435	306858	301967	1.40	cps
Cadmium	111-1	771	749	700	740	4.93	cps
Cadmium	106-1	1108	1058	992	1053	5.56	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	748651	738615	751353	746206	0.90	cps
Calcium	44-1	12057592	12117123	12251740	12142152	0.82	cps
Chromium	52-2	447	410	470	442	6.84	cps
Cobalt	59-2	17	33	27	26	32.81	cps
Copper	63-2	1017	893	830	913	10.39	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	67	33	36	81.06	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	33	58	58	50	28.88	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6250077	6138758	6267976	6218937	1.13	cps
Holmium	165-2	1809825	1812229	1751187	1791081	1.93	cps
Indium	115-1	5081194	5050086	5178618	5103299	1.31	cps
Indium	115-2	317231	318149	308658	314679	1.66	cps
Iron	56-2	4568	4729	4940	4745	3.94	cps
Iron	57-2	178	161	111	150	23.13	cps
Lead	206-1	200	156	233	196	19.88	cps
Lead	207-1	211	233	172	206	15.05	cps
Lead	208-1	928	806	856	863	7.12	cps
Lithium	6-1	734195	721812	744986	733664	1.58	cps
Magnesium	24-2	4876955	4836062	4742278	4818432	1.43	cps
Manganese	55-2	367	397	460	408	11.69	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2234	2017	2442	2231	9.53	cps
Molybdenum	95-1	3792	3892	3601	3762	3.94	cps
Molybdenum	96-1	4159	4384	4276	4273	2.63	cps
Molybdenum	97-1	2617	2450	2392	2486	4.70	cps
Molybdenum	98-1	5643	5960	6160	5921	4.40	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	117	117	108	14.29	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	927178	947679	903747	926201	2.37	cps
Rhodium	103-1	4606648	4601049	4662366	4623355	0.73	cps
Rhodium	103-2	1512932	1512909	1459318	1495053	2.07	cps
Scandium	45-1	3050393	3037155	3087532	3058360	0.85	cps
Scandium	45-2	36227	36260	34449	35645	2.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	343	272	263	293	14.96	cps
Silicon	28-1	884183	865264	887313	878920	1.36	cps
Silver	109-1	233	283	258	258	9.68	cps
Silver	107-1	342	333	333	336	1.43	cps
Sodium	23-2	93777204	95263506	90243369	93094693	2.77	cps
Strontium	86-1	1743712	1699278	1754050	1732347	1.68	cps
Strontium	88-1	14804557	14407650	14963658	14725288	1.94	cps
Sulfur	34-1	2470232	2446954	2509518	2475568	1.28	cps
Terbium	159-1	6531896	6426613	6634741	6531083	1.59	cps
Terbium	159-2	1767925	1790093	1718910	1758976	2.07	cps
Thallium	203-1	50	100	83	78	32.73	cps
Thallium	205-1	133	167	158	153	11.35	cps
Tin	118-1	2625	2584	2675	2628	1.75	cps
Titanium	47-1	333	233	425	331	29.00	cps
Uranium	238-1	6118	5618	6352	6030	6.22	cps
Vanadium	51-2	237	273	240	250	8.11	cps
Yttrium	89-1	5485359	5328562	5531468	5448463	1.95	cps
Yttrium	89-2	240890	240710	233802	238467	1.69	cps
Zinc	66-2	547	590	567	568	3.82	cps
Zirconium	90-1	342	508	342	397	24.23	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-13 14:21:53	DataFile Name :	039SMPL_P8121317-MS

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

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10187	9395	10396	9993	5.28	cps
Antimony	121-1	557170	557987	551413	555523	0.64	cps
Arsenic	75-2	3289	3378	3395	3354	1.69	cps
Barium	135-1	2404076	2388554	2336163	2376264	1.50	cps
Barium	137-1	4139845	4123956	4056263	4106688	1.08	cps
Beryllium	9-1	35266	34776	32883	34308	3.67	cps
Bismuth	209-1	3611119	3589011	3148194	3449441	7.57	cps
Bismuth	209-2	1092922	1101747	1115134	1103268	1.01	cps
Boron	10-1	287234	286007	282889	285376	0.78	cps
Boron	11-1	1339819	1355226	1325436	1340160	1.11	cps
Cadmium	111-1	54208	53373	52826	53469	1.30	cps
Cadmium	106-1	5743	6018	5351	5704	5.88	cps
Cadmium	108-1	3646	3580	3413	3546	3.39	cps
Calcium	43-1	3765378	3726084	3666390	3719284	1.34	cps
Calcium	44-1	60744145	60935318	59279741	60319735	1.50	cps
Chromium	52-2	122238	122928	124999	123388	1.16	cps
Cobalt	59-2	613276	620957	618948	617727	0.64	cps
Copper	63-2	253565	256194	259801	256520	1.22	cps
Dysprosium	156-1	50	75	75	67	21.65	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	50	75	42	56	31.23	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	75	67	83	75	11.11	cps
Gadolinium	160-2	3	20	17	13	66.16	cps
Holmium	165-1	6409957	6280354	5473682	6054664	8.38	cps
Holmium	165-2	1558760	1580578	1592791	1577376	1.09	cps
Indium	115-1	5043457	5017650	4412549	4824552	7.40	cps
Indium	115-2	279233	281378	281088	280566	0.41	cps
Iron	56-2	417853	419959	422656	420156	0.57	cps
Iron	57-2	10971	10643	11216	10944	2.63	cps
Lead	206-1	61812	60929	61275	61339	0.72	cps
Lead	207-1	56169	55488	54428	55362	1.58	cps
Lead	208-1	249038	249110	244489	247546	1.07	cps
Lithium	6-1	736280	737287	659586	711051	6.27	cps
Magnesium	24-2	21495312	21688281	22034803	21739466	1.26	cps
Manganese	55-2	91510	92172	93376	92353	1.02	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10855	11180	10780	10938	1.95	cps
Molybdenum	95-1	19732	19690	19381	19601	0.98	cps
Molybdenum	96-1	20700	20207	19581	20163	2.78	cps
Molybdenum	97-1	12364	12807	12431	12534	1.90	cps
Molybdenum	98-1	31279	30352	29884	30505	2.33	cps
Neodymium	150-1	133	120	207	153	30.43	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	174275	175918	175925	175373	0.54	cps
Phosphorus	31-2	25	42	50	39	32.73	cps
Potassium	39-2	4210717	4276695	4310719	4266044	1.19	cps
Rhodium	103-1	4523477	4531361	3987458	4347432	7.17	cps
Rhodium	103-2	1298724	1329850	1327116	1318563	1.31	cps
Scandium	45-1	3121669	3091171	2742063	2984967	7.07	cps
Scandium	45-2	32578	32962	33430	32990	1.29	cps
Selenium	77-2	90	67	53	70	26.51	cps
Selenium	78-2	200	183	233	206	12.39	cps
Selenium	82-1	7820	7552	6759	7377	7.48	cps
Silicon	28-1	2887168	2874171	2809284	2856875	1.46	cps
Silver	109-1	242855	243184	236918	240986	1.46	cps
Silver	107-1	253583	252968	248661	251737	1.07	cps
Sodium	23-2	419229376	423106059	426596426	422977287	0.87	cps
Strontium	86-1	8349448	8374831	8225074	8316451	0.96	cps
Strontium	88-1	73379864	72691447	72176314	72749209	0.83	cps
Sulfur	34-1	11011616	10950012	10736678	10899435	1.32	cps
Terbium	159-1	6567979	6511762	5711314	6263685	7.65	cps
Terbium	159-2	1515955	1532890	1539545	1529463	0.80	cps
Thallium	203-1	194123	192242	187400	191255	1.81	cps
Thallium	205-1	459837	452699	445025	452520	1.64	cps
Tin	118-1	2667	2492	2409	2523	5.23	cps
Titanium	47-1	1959	2034	2367	2120	10.26	cps
Uranium	238-1	30580	29369	28283	29411	3.91	cps
Vanadium	51-2	238775	240916	245192	241627	1.35	cps
Yttrium	89-1	5550786	5484645	4826592	5287341	7.57	cps
Yttrium	89-2	215275	220741	220493	218836	1.41	cps
Zinc	66-2	46953	47481	47642	47358	0.76	cps
Zirconium	90-1	633	533	592	586	8.57	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:25:04	DataFile Name :	040SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	142	192	169	15.03	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-14 Instrumnet Name : P8
 Client Sample ID : MA4ZB9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 14:28:16 DataFile Name : 041SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	58	42	52.91	cps
Antimony	121-1	5293	5693	5393	5460	3.81	cps
Arsenic	75-2	191	178	157	175	9.58	cps
Barium	135-1	11355	11389	11105	11283	1.37	cps
Barium	137-1	19632	19866	19632	19710	0.68	cps
Beryllium	9-1	78	56	39	57	33.99	cps
Bismuth	209-1	3545577	3498608	3474780	3506321	1.03	cps
Bismuth	209-2	1114648	1116575	1111969	1114397	0.21	cps
Boron	10-1	290134	290088	289024	289749	0.22	cps
Boron	11-1	1360742	1385520	1356239	1367500	1.15	cps
Cadmium	111-1	708	585	903	732	21.96	cps
Cadmium	106-1	942	758	1167	956	21.40	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	3830299	3795781	3830415	3818832	0.52	cps
Calcium	44-1	61836393	61260591	61902178	61666387	0.57	cps
Chromium	52-2	547	480	453	493	9.74	cps
Cobalt	59-2	90	63	113	89	28.15	cps
Copper	63-2	2374	2370	2520	2421	3.54	cps
Dysprosium	156-1	58	42	42	47	20.38	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	6171339	6205578	6229644	6202187	0.47	cps
Holmium	165-2	1616364	1608656	1622795	1615938	0.44	cps
Indium	115-1	5047740	4992055	4954970	4998255	0.93	cps
Indium	115-2	281263	282980	285775	283340	0.80	cps
Iron	56-2	7130	7213	7230	7191	0.74	cps
Iron	57-2	233	222	328	261	22.21	cps
Lead	206-1	472	428	383	428	10.39	cps
Lead	207-1	344	433	383	387	11.51	cps
Lead	208-1	1856	1800	1678	1778	5.12	cps
Lithium	6-1	722428	727133	726382	725314	0.35	cps
Magnesium	24-2	22206611	22447444	22320453	22324836	0.54	cps
Manganese	55-2	1473	1403	1310	1396	5.87	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:28:16	DataFile Name :	041SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10696	10972	11255	10974	2.55	cps
Molybdenum	95-1	19598	19573	19724	19632	0.41	cps
Molybdenum	96-1	20500	20474	21293	20756	2.24	cps
Molybdenum	97-1	13349	12114	13416	12960	5.65	cps
Molybdenum	98-1	30945	30945	29951	30613	1.87	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	310	307	390	336	14.06	cps
Phosphorus	31-2	8	42	42	31	62.99	cps
Potassium	39-2	4399016	4440933	4419605	4419852	0.47	cps
Rhodium	103-1	4487401	4451970	4465411	4468261	0.40	cps
Rhodium	103-2	1338790	1339036	1331978	1336601	0.30	cps
Scandium	45-1	3108871	3094953	3102391	3102072	0.22	cps
Scandium	45-2	33119	33296	32839	33085	0.70	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	6	0	6	4	86.60	cps
Selenium	82-1	-50	-200	-254	-168	-63.04	cps
Silicon	28-1	2819812	2796982	2765960	2794251	0.97	cps
Silver	109-1	183	308	117	203	47.98	cps
Silver	107-1	292	233	233	253	13.32	cps
Sodium	23-2	433149760	437282460	434562343	434998188	0.48	cps
Strontium	86-1	8428029	8380574	8460864	8423155	0.48	cps
Strontium	88-1	74641770	73784352	73913972	74113365	0.62	cps
Sulfur	34-1	11161079	11206942	11107261	11158428	0.45	cps
Terbium	159-1	6460269	6480793	6493330	6478131	0.26	cps
Terbium	159-2	1553488	1547268	1546592	1549116	0.25	cps
Thallium	203-1	150	133	108	131	16.06	cps
Thallium	205-1	250	200	200	217	13.33	cps
Tin	118-1	2284	2100	2367	2250	6.06	cps
Titanium	47-1	1834	1750	1842	1809	2.80	cps
Uranium	238-1	29778	28676	29979	29478	2.38	cps
Vanadium	51-2	1107	1043	1017	1056	4.38	cps
Yttrium	89-1	5404190	5439630	5458215	5434012	0.51	cps
Yttrium	89-2	222638	221432	222667	222246	0.32	cps
Zinc	66-2	253	257	290	267	7.60	cps
Zirconium	90-1	575	475	458	503	12.55	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:28:16	DataFile Name :	041SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	200	175	161	29.41	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-15	Instrumnet Name :	P8
Client Sample ID :	MA4ZC0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:31:30	DataFile Name :	042SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	542	450	469	13.79	cps
Antimony	121-1	5368	5843	5843	5685	4.83	cps
Arsenic	75-2	148	161	217	175	20.76	cps
Barium	135-1	12306	11689	12139	12045	2.65	cps
Barium	137-1	20859	20525	20800	20728	0.86	cps
Beryllium	9-1	50	28	61	46	36.66	cps
Bismuth	209-1	3491764	3448235	3472645	3470882	0.63	cps
Bismuth	209-2	1086360	1086332	1074590	1082427	0.63	cps
Boron	10-1	295160	292644	299390	295731	1.15	cps
Boron	11-1	1368637	1393686	1405741	1389355	1.36	cps
Cadmium	111-1	809	803	667	760	10.57	cps
Cadmium	106-1	1075	1075	883	1011	10.95	cps
Cadmium	108-1	8	29	38	25	60.10	cps
Calcium	43-1	3929779	3864415	3929997	3908064	0.97	cps
Calcium	44-1	62810301	63222651	63166989	63066647	0.35	cps
Chromium	52-2	793	683	737	738	7.46	cps
Cobalt	59-2	190	150	120	153	22.91	cps
Copper	63-2	3547	3270	3330	3383	4.30	cps
Dysprosium	156-1	242	150	233	208	24.33	cps
Dysprosium	156-2	40	20	30	30	33.33	cps
Erbium	164-1	183	125	133	147	21.43	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	175	125	200	167	22.91	cps
Gadolinium	160-2	53	30	83	56	48.13	cps
Holmium	165-1	6178253	6099712	6042955	6106973	1.11	cps
Holmium	165-2	1557578	1556757	1530419	1548251	1.00	cps
Indium	115-1	4930942	4923162	4936971	4930359	0.14	cps
Indium	115-2	281405	278913	272501	277606	1.65	cps
Iron	56-2	73957	72980	69752	72230	3.05	cps
Iron	57-2	2184	1928	2050	2054	6.22	cps
Lead	206-1	1683	1500	1739	1641	7.62	cps
Lead	207-1	1356	1356	1428	1380	3.02	cps
Lead	208-1	6251	6245	6601	6366	3.20	cps
Lithium	6-1	713667	709125	722589	715127	0.96	cps
Magnesium	24-2	22739473	22615071	22046352	22466965	1.64	cps
Manganese	55-2	2954	3064	2910	2976	2.66	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-15	Instrumnet Name :	P8
Client Sample ID :	MA4ZC0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:31:30	DataFile Name :	042SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11022	11856	11172	11350	3.92	cps
Molybdenum	95-1	19340	18864	19682	19295	2.13	cps
Molybdenum	96-1	20875	20583	20691	20717	0.71	cps
Molybdenum	97-1	12823	12431	12890	12715	1.95	cps
Molybdenum	98-1	31070	31972	30869	31304	1.88	cps
Neodymium	150-1	187	233	253	224	15.24	cps
Neodymium	150-2	43	37	40	40	8.32	cps
Nickel	60-2	370	320	313	334	9.26	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	4525219	4446633	4408362	4460071	1.34	cps
Rhodium	103-1	4503824	4468070	4451679	4474524	0.60	cps
Rhodium	103-2	1306042	1307132	1288067	1300413	0.82	cps
Scandium	45-1	3071071	3071155	3049003	3063743	0.42	cps
Scandium	45-2	32050	33370	32481	32634	2.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	150	-411	-612	-291	-135.84	cps
Silicon	28-1	3179289	3174616	3330637	3228181	2.75	cps
Silver	109-1	217	283	217	239	16.11	cps
Silver	107-1	250	225	342	272	22.57	cps
Sodium	23-2	445519960	439155726	435284676	439986788	1.17	cps
Strontium	86-1	8597267	8510286	8582965	8563506	0.54	cps
Strontium	88-1	75599737	74429085	75607208	75212010	0.90	cps
Sulfur	34-1	11370030	11353127	11375510	11366223	0.10	cps
Terbium	159-1	6451189	6335178	6398276	6394881	0.91	cps
Terbium	159-2	1521104	1521243	1497089	1513145	0.92	cps
Thallium	203-1	100	58	33	64	52.72	cps
Thallium	205-1	250	125	108	161	48.06	cps
Tin	118-1	2309	2550	2084	2314	10.09	cps
Titanium	47-1	4768	7962	4784	5838	31.50	cps
Uranium	238-1	29728	30012	29996	29912	0.53	cps
Vanadium	51-2	1183	1190	1093	1156	4.67	cps
Yttrium	89-1	5485251	5350879	5418271	5418134	1.24	cps
Yttrium	89-2	221864	218736	214554	218385	1.68	cps
Zinc	66-2	360	430	390	393	8.93	cps
Zirconium	90-1	492	558	558	536	7.18	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-15	Instrumnet Name :	P8
Client Sample ID :	MA4ZC0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 14:31:30	DataFile Name :	042SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	192	183	169	18.62	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	133	33	97	57.08	cps
Antimony	121-1	2667	2742	2559	2656	3.47	cps
Arsenic	75-2	85	67	69	73	13.89	cps
Barium	135-1	6102	6402	5368	5957	8.93	cps
Barium	137-1	10580	10088	9696	10121	4.38	cps
Beryllium	9-1	72	67	61	67	8.33	cps
Bismuth	209-1	3527916	3529197	3329557	3462223	3.32	cps
Bismuth	209-2	1105704	1109095	1113189	1109330	0.34	cps
Boron	10-1	143915	144376	142744	143678	0.59	cps
Boron	11-1	710318	718712	695095	708042	1.69	cps
Cadmium	111-1	675	608	676	653	5.91	cps
Cadmium	106-1	917	800	917	878	7.67	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	1946305	1952763	1878716	1925928	2.13	cps
Calcium	44-1	31049544	31305942	29723748	30693078	2.77	cps
Chromium	52-2	490	493	557	513	7.32	cps
Cobalt	59-2	50	77	53	60	24.22	cps
Copper	63-2	1743	1743	1673	1720	2.35	cps
Dysprosium	156-1	75	25	17	39	81.12	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	50	83	117	83	40.00	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	6124195	6184585	5818253	6042344	3.25	cps
Holmium	165-2	1555546	1561510	1565767	1560941	0.33	cps
Indium	115-1	5083282	5054335	4777161	4971593	3.40	cps
Indium	115-2	283080	286033	284002	284372	0.53	cps
Iron	56-2	13791	14107	13162	13687	3.52	cps
Iron	57-2	467	317	372	385	19.69	cps
Lead	206-1	917	967	828	904	7.78	cps
Lead	207-1	772	761	772	769	0.83	cps
Lead	208-1	3534	3500	3450	3495	1.20	cps
Lithium	6-1	702041	712282	675685	696670	2.71	cps
Magnesium	24-2	11124448	11226252	11243535	11198078	0.57	cps
Manganese	55-2	1110	1013	1050	1058	4.61	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5918	5918	5401	5746	5.19	cps
Molybdenum	95-1	10063	9654	9095	9604	5.06	cps
Molybdenum	96-1	10171	10279	9854	10101	2.19	cps
Molybdenum	97-1	6218	6093	6235	6182	1.25	cps
Molybdenum	98-1	15668	15568	14892	15376	2.74	cps
Neodymium	150-1	47	80	40	56	38.57	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	217	207	237	220	6.94	cps
Phosphorus	31-2	33	42	17	31	41.65	cps
Potassium	39-2	2255474	2257223	2238575	2250424	0.46	cps
Rhodium	103-1	4570490	4525616	4306578	4467561	3.16	cps
Rhodium	103-2	1321932	1336160	1337067	1331720	0.64	cps
Scandium	45-1	3073242	3059960	2927689	3020297	2.66	cps
Scandium	45-2	32705	33527	32408	32880	1.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	546	455	542	514	10.03	cps
Silicon	28-1	1686739	1685900	1611699	1661446	2.59	cps
Silver	109-1	150	208	208	189	17.83	cps
Silver	107-1	258	208	250	239	11.21	cps
Sodium	23-2	216849547	222061363	219275422	219395444	1.19	cps
Strontium	86-1	4326428	4354144	4154560	4278377	2.53	cps
Strontium	88-1	37742722	37776786	35941521	37153676	2.83	cps
Sulfur	34-1	5740555	5826462	5485374	5684130	3.12	cps
Terbium	159-1	6412201	6434035	6084811	6310349	3.10	cps
Terbium	159-2	1507467	1530153	1528868	1522163	0.84	cps
Thallium	203-1	75	42	50	56	31.22	cps
Thallium	205-1	83	225	100	136	56.88	cps
Tin	118-1	2250	2234	2175	2220	1.77	cps
Titanium	47-1	983	1117	1108	1070	6.98	cps
Uranium	238-1	15043	14726	14401	14723	2.18	cps
Vanadium	51-2	597	593	500	563	9.74	cps
Yttrium	89-1	5450545	5431608	5201577	5361243	2.59	cps
Yttrium	89-2	216816	220628	221764	219736	1.18	cps
Zinc	66-2	183	247	220	217	14.67	cps
Zirconium	90-1	542	400	300	414	29.34	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z81	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:34:44	DataFile Name :	043SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	75	175	119	42.63	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : I6754-02DLX2 Instrumnet Name : P8
 Client Sample ID : MA4Z82 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-13 14:37:58 DataFile Name : 044SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	125	89	35.50	cps
Antimony	121-1	2442	2517	2542	2500	2.08	cps
Arsenic	75-2	70	109	81	87	23.02	cps
Barium	135-1	5918	6127	5768	5938	3.03	cps
Barium	137-1	10046	10221	10038	10102	1.03	cps
Beryllium	9-1	33	50	61	48	29.04	cps
Bismuth	209-1	3407743	3348344	2991623	3249237	6.93	cps
Bismuth	209-2	1072486	1059539	1066932	1066319	0.61	cps
Boron	10-1	136191	136131	141466	137929	2.22	cps
Boron	11-1	673466	683763	691248	682825	1.31	cps
Cadmium	111-1	645	612	593	616	4.31	cps
Cadmium	106-1	858	825	842	842	1.98	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Calcium	43-1	1866714	1857154	1889263	1871043	0.88	cps
Calcium	44-1	29873336	29669312	30049461	29864036	0.64	cps
Chromium	52-2	547	537	527	537	1.86	cps
Cobalt	59-2	70	70	50	63	18.23	cps
Copper	63-2	1800	1653	1540	1665	7.83	cps
Dysprosium	156-1	42	67	25	44	47.19	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	75	58	25	53	48.24	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	5953342	5870050	5249792	5691061	6.75	cps
Holmium	165-2	1512500	1493908	1496944	1501118	0.66	cps
Indium	115-1	4887883	4789549	4260105	4645846	7.27	cps
Indium	115-2	274471	270865	271487	272274	0.71	cps
Iron	56-2	13335	13268	12812	13138	2.17	cps
Iron	57-2	333	406	300	346	15.58	cps
Lead	206-1	539	589	589	572	5.05	cps
Lead	207-1	439	422	328	396	15.12	cps
Lead	208-1	2061	2006	2017	2028	1.45	cps
Lithium	6-1	680817	676492	605206	654172	6.49	cps
Magnesium	24-2	10707300	10497607	10615676	10606861	0.99	cps
Manganese	55-2	1100	1210	1110	1140	5.34	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:37:58	DataFile Name :	044SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5251	5226	5451	5310	2.32	cps
Molybdenum	95-1	9545	9229	9812	9529	3.07	cps
Molybdenum	96-1	9712	10021	9554	9762	2.43	cps
Molybdenum	97-1	5810	6035	5485	5777	4.79	cps
Molybdenum	98-1	13807	14291	15526	14542	6.09	cps
Neodymium	150-1	47	73	60	60	22.22	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	187	173	250	203	20.15	cps
Phosphorus	31-2	25	50	17	31	56.77	cps
Potassium	39-2	2147119	2135545	2138138	2140267	0.28	cps
Rhodium	103-1	4367292	4294570	3822049	4161304	7.11	cps
Rhodium	103-2	1288529	1282302	1282866	1284566	0.27	cps
Scandium	45-1	2958348	2936051	2580124	2824841	7.51	cps
Scandium	45-2	31001	31389	30994	31128	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	558	594	570	574	3.16	cps
Silicon	28-1	1653448	1658531	1668599	1660193	0.46	cps
Silver	109-1	242	217	250	236	7.35	cps
Silver	107-1	225	117	183	175	31.23	cps
Sodium	23-2	210312171	206716192	203992459	207006941	1.53	cps
Strontium	86-1	4184737	4159117	4168596	4170817	0.31	cps
Strontium	88-1	36255113	35776544	36331177	36120945	0.83	cps
Sulfur	34-1	5518168	5472135	5592972	5527759	1.10	cps
Terbium	159-1	6165799	6201732	5440618	5936050	7.23	cps
Terbium	159-2	1473387	1460925	1450793	1461702	0.77	cps
Thallium	203-1	92	75	92	86	11.18	cps
Thallium	205-1	167	117	150	144	17.63	cps
Tin	118-1	2142	1834	2050	2009	7.89	cps
Titanium	47-1	883	933	1067	961	9.86	cps
Uranium	238-1	14376	14234	14267	14292	0.52	cps
Vanadium	51-2	540	543	563	549	2.30	cps
Yttrium	89-1	5208397	5193409	4575163	4992323	7.24	cps
Yttrium	89-2	209797	209007	209762	209522	0.21	cps
Zinc	66-2	157	247	187	197	23.30	cps
Zirconium	90-1	375	450	350	392	13.29	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z82	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:37:58	DataFile Name :	044SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	75	97	19.80	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	217	375	319	27.89	cps
Antimony	121-1	2017	1875	1717	1870	8.03	cps
Arsenic	75-2	39	93	74	69	39.81	cps
Barium	135-1	7911	8086	7736	7911	2.21	cps
Barium	137-1	13416	13616	14609	13880	4.60	cps
Beryllium	9-1	22	50	50	41	39.37	cps
Bismuth	209-1	3674515	3653616	3677231	3668454	0.35	cps
Bismuth	209-2	1146822	1138495	1150355	1145224	0.53	cps
Boron	10-1	105638	106646	107316	106533	0.79	cps
Boron	11-1	523657	526526	529504	526562	0.56	cps
Cadmium	111-1	873	777	727	792	9.33	cps
Cadmium	106-1	1208	1083	983	1092	10.33	cps
Cadmium	108-1	33	21	4	19	75.24	cps
Calcium	43-1	1448707	1459996	1459431	1456045	0.44	cps
Calcium	44-1	23201104	23368130	23350794	23306676	0.39	cps
Chromium	52-2	947	853	760	853	10.94	cps
Cobalt	59-2	190	147	147	161	15.53	cps
Copper	63-2	2640	2594	2647	2627	1.11	cps
Dysprosium	156-1	133	258	192	194	32.17	cps
Dysprosium	156-2	37	40	73	50	40.55	cps
Erbium	164-1	175	217	108	167	32.79	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	308	317	200	275	23.67	cps
Gadolinium	160-2	57	70	63	63	10.52	cps
Holmium	165-1	6202187	6284733	6304881	6263934	0.87	cps
Holmium	165-2	1656829	1592410	1621646	1623628	1.99	cps
Indium	115-1	5153016	5147805	5211438	5170753	0.68	cps
Indium	115-2	292217	291816	292072	292035	0.07	cps
Iron	56-2	55181	54646	55248	55025	0.60	cps
Iron	57-2	1317	1495	1500	1437	7.26	cps
Lead	206-1	1856	1889	2045	1930	5.23	cps
Lead	207-1	1528	1550	1617	1565	2.96	cps
Lead	208-1	7229	7418	7590	7412	2.44	cps
Lithium	6-1	722971	725267	728409	725549	0.38	cps
Magnesium	24-2	8008748	8044893	8004373	8019338	0.28	cps
Manganese	55-2	1763	1763	1660	1729	3.45	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5643	5852	5760	5751	1.82	cps
Molybdenum	95-1	9220	9329	10279	9609	6.06	cps
Molybdenum	96-1	10329	10354	10713	10466	2.05	cps
Molybdenum	97-1	6143	5835	6335	6104	4.13	cps
Molybdenum	98-1	16152	16335	15827	16105	1.60	cps
Neodymium	150-1	140	173	153	156	10.78	cps
Neodymium	150-2	17	20	33	23	37.78	cps
Nickel	60-2	340	283	323	316	9.23	cps
Phosphorus	31-2	50	58	8	39	68.89	cps
Potassium	39-2	1646857	1628984	1623233	1633025	0.75	cps
Rhodium	103-1	4672836	4648457	4702035	4674443	0.57	cps
Rhodium	103-2	1386499	1363798	1375920	1375406	0.83	cps
Scandium	45-1	3139352	3173268	3177067	3163229	0.66	cps
Scandium	45-2	33189	33072	34018	33427	1.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	4	7	7	41.70	cps
Selenium	82-1	562	574	586	574	2.15	cps
Silicon	28-1	2698441	2663628	2691529	2684533	0.69	cps
Silver	109-1	150	225	325	233	37.63	cps
Silver	107-1	308	242	250	267	13.62	cps
Sodium	23-2	157906266	157383562	156669520	157319783	0.39	cps
Strontium	86-1	3153606	3152055	3181302	3162321	0.52	cps
Strontium	88-1	27376314	27183231	27176238	27245261	0.42	cps
Sulfur	34-1	4212458	4247976	4347390	4269275	1.64	cps
Terbium	159-1	6508782	6606686	6659501	6591656	1.16	cps
Terbium	159-2	1605273	1572289	1554735	1577432	1.63	cps
Thallium	203-1	75	83	100	86	14.79	cps
Thallium	205-1	158	192	125	158	21.05	cps
Tin	118-1	2192	1900	1975	2022	7.49	cps
Titanium	47-1	2742	2942	2684	2789	4.86	cps
Uranium	238-1	10371	10838	11297	10836	4.27	cps
Vanadium	51-2	553	547	493	531	6.19	cps
Yttrium	89-1	5626795	5596974	5583050	5602273	0.40	cps
Yttrium	89-2	227136	221923	224179	224413	1.17	cps
Zinc	66-2	1053	1137	1107	1099	3.84	cps
Zirconium	90-1	658	783	650	697	10.71	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	I6754-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z85	Dilution Factor :	2
Date & Time Acquired ::	2017-12-13 14:41:12	DataFile Name :	045SMPL_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	158	150	9.62	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252692	254848	253007	253516	0.46	cps
Antimony	121-1	3047527	3070343	3059305	3059058	0.37	cps
Arsenic	75-2	40052	40387	40712	40383	0.82	cps
Barium	135-1	3229857	3222759	3212150	3221588	0.28	cps
Barium	137-1	5559173	5607623	5600187	5588994	0.47	cps
Beryllium	9-1	373795	371818	372623	372745	0.27	cps
Bismuth	209-1	4438808	4472955	4434266	4448676	0.48	cps
Bismuth	209-2	1236109	1243291	1244065	1241155	0.35	cps
Boron	10-1	44846	44419	45724	44996	1.48	cps
Boron	11-1	209154	216039	216475	213889	1.92	cps
Cadmium	111-1	614020	619142	611107	614756	0.66	cps
Cadmium	106-1	63400	63451	64412	63754	0.89	cps
Cadmium	108-1	43742	43433	43872	43682	0.52	cps
Calcium	43-1	3097191	3111176	3158624	3122330	1.03	cps
Calcium	44-1	50262064	50173358	50842446	50425956	0.72	cps
Chromium	52-2	307945	310208	309863	309338	0.39	cps
Cobalt	59-2	675674	678966	667706	674116	0.86	cps
Copper	63-2	1093796	1098296	1095241	1095778	0.21	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	6996382	7033858	6984388	7004876	0.37	cps
Holmium	165-2	1657420	1666785	1671307	1665171	0.43	cps
Indium	115-1	5513287	5578090	5485416	5525598	0.86	cps
Indium	115-2	284393	285211	282316	283973	0.53	cps
Iron	56-2	50823608	50920034	50920905	50888183	0.11	cps
Iron	57-2	1270603	1279541	1269079	1273074	0.44	cps
Lead	206-1	1850168	1845563	1845569	1847100	0.14	cps
Lead	207-1	1641767	1678043	1673958	1664590	1.19	cps
Lead	208-1	7582515	7589420	7651618	7607851	0.50	cps
Lithium	6-1	927431	926092	936469	929997	0.61	cps
Magnesium	24-2	5652351	5646663	5636521	5645179	0.14	cps
Manganese	55-2	181867	183207	181843	182306	0.43	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5034804	5012493	4957000	5001432	0.80	cps
Molybdenum	95-1	6217427	6300452	6210896	6242925	0.80	cps
Molybdenum	96-1	6920198	6919405	6817208	6885604	0.86	cps
Molybdenum	97-1	3877763	3845821	3823899	3849161	0.70	cps
Molybdenum	98-1	9836326	9905230	9714520	9818692	0.98	cps
Neodymium	150-1	167	67	153	129	42.13	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	193214	193856	194751	193940	0.40	cps
Phosphorus	31-2	3351	3734	4101	3728	10.06	cps
Potassium	39-2	1753970	1795768	1780240	1776659	1.19	cps
Rhodium	103-1	4973374	4999810	5024345	4999176	0.51	cps
Rhodium	103-2	1416015	1416496	1416539	1416350	0.02	cps
Scandium	45-1	3191087	3238445	3232280	3220604	0.80	cps
Scandium	45-2	32080	32521	32017	32206	0.85	cps
Selenium	77-2	357	257	290	301	16.91	cps
Selenium	78-2	967	926	930	941	2.39	cps
Selenium	82-1	39311	39006	39374	39230	0.50	cps
Silicon	28-1	1431635	1390387	1404730	1408917	1.49	cps
Silver	109-1	2939561	2968306	2935553	2947807	0.61	cps
Silver	107-1	3038794	3048296	3045399	3044163	0.16	cps
Sodium	23-2	13198873	13190957	13141134	13176988	0.24	cps
Strontium	86-1	793913	799460	796019	796464	0.35	cps
Strontium	88-1	7033802	7023115	6967857	7008258	0.51	cps
Sulfur	34-1	514019	514658	512888	513855	0.17	cps
Terbium	159-1	7405715	7310639	7287114	7334489	0.86	cps
Terbium	159-2	1639140	1647200	1592853	1626398	1.80	cps
Thallium	203-1	2269847	2268446	2275710	2271335	0.17	cps
Thallium	205-1	5344504	5432592	5460222	5412439	1.12	cps
Tin	118-1	2046392	2049897	2050967	2049085	0.12	cps
Titanium	47-1	1613693	1603081	1632649	1616474	0.93	cps
Uranium	238-1	7326901	7344135	7402882	7357973	0.54	cps
Vanadium	51-2	234977	236774	234414	235389	0.52	cps
Yttrium	89-1	5839688	5844466	5828236	5837463	0.14	cps
Yttrium	89-2	218929	220171	219006	219369	0.32	cps
Zinc	66-2	103677	103059	103318	103351	0.30	cps
Zirconium	90-1	4237222	4209511	4233814	4226849	0.36	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:05:35	DataFile Name :	048CCV_P8121317-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	938742	933170	919247	930386	1.08	cps

LB Number : LB92155 Operator : jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P8
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-13 15:08:42 DataFile Name : 049CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	33	14	124.92	cps
Antimony	121-1	1233	1492	1483	1403	10.47	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	50	25	50	42	34.64	cps
Barium	137-1	150	42	92	94	57.41	cps
Beryllium	9-1	300	244	211	252	17.83	cps
Bismuth	209-1	4642149	4669843	4657188	4656393	0.30	cps
Bismuth	209-2	1290693	1309881	1302013	1300862	0.74	cps
Boron	10-1	4009	3634	3934	3859	5.14	cps
Boron	11-1	18387	18404	18004	18265	1.24	cps
Cadmium	111-1	641	762	672	692	9.05	cps
Cadmium	106-1	917	1058	950	975	7.60	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	1117	1050	1317	1161	11.95	cps
Calcium	44-1	13157	12765	12731	12884	1.84	cps
Chromium	52-2	300	363	383	349	12.47	cps
Cobalt	59-2	53	27	20	33	52.91	cps
Copper	63-2	467	440	473	460	3.83	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	75	25	33	44	60.28	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	6982895	6985354	7074495	7014248	0.74	cps
Holmium	165-2	1676203	1669374	1655240	1666939	0.64	cps
Indium	115-1	5738797	5715047	5720097	5724647	0.22	cps
Indium	115-2	294865	298373	296684	296641	0.59	cps
Iron	56-2	2400	2439	2617	2485	4.65	cps
Iron	57-2	56	61	72	63	13.47	cps
Lead	206-1	444	356	461	420	13.50	cps
Lead	207-1	344	456	428	409	14.13	cps
Lead	208-1	1822	1783	1750	1785	2.02	cps
Lithium	6-1	950251	968640	948261	955717	1.18	cps
Magnesium	24-2	592	475	417	494	18.02	cps
Manganese	55-2	10	27	33	23	51.50	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:08:42	DataFile Name :	049CCBE_P8121317-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	483	492	442	472	5.67	cps
Molybdenum	95-1	575	733	492	600	20.46	cps
Molybdenum	96-1	700	608	542	617	12.89	cps
Molybdenum	97-1	433	367	333	378	13.48	cps
Molybdenum	98-1	1033	983	833	950	10.96	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	90	100	92	7.52	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	3726	4017	3742	3828	4.28	cps
Rhodium	103-1	5286252	5260262	5287872	5278129	0.29	cps
Rhodium	103-2	1487246	1499422	1487570	1491413	0.47	cps
Scandium	45-1	3232466	3182996	3192011	3202491	0.82	cps
Scandium	45-2	31943	32484	32488	32305	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-94	-54	-26	-58	-58.59	cps
Silicon	28-1	347956	351562	351535	350351	0.59	cps
Silver	109-1	425	325	200	317	35.60	cps
Silver	107-1	392	383	358	378	4.59	cps
Sodium	23-2	120701	120742	119373	120272	0.65	cps
Strontium	86-1	450	633	567	550	16.87	cps
Strontium	88-1	275	192	283	250	20.27	cps
Sulfur	34-1	329254	331335	329296	329962	0.36	cps
Terbium	159-1	7352672	7347503	7377638	7359271	0.22	cps
Terbium	159-2	1581696	1667830	1598425	1615984	2.83	cps
Thallium	203-1	300	392	325	339	13.98	cps
Thallium	205-1	1150	1050	1025	1075	6.15	cps
Tin	118-1	783	842	775	800	4.54	cps
Titanium	47-1	142	208	158	169	20.48	cps
Uranium	238-1	75	75	67	72	6.66	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Yttrium	89-1	5907265	5795903	5901959	5868376	1.07	cps
Yttrium	89-2	217915	217704	217584	217735	0.08	cps
Zinc	66-2	70	43	77	63	27.85	cps
Zirconium	90-1	475	458	467	467	1.79	cps

LB Number :	LB92155	Operator :	jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2017-12-13 15:08:42	DataFile Name :	049CCBE_P8121317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	125	117	103	30.70	cps