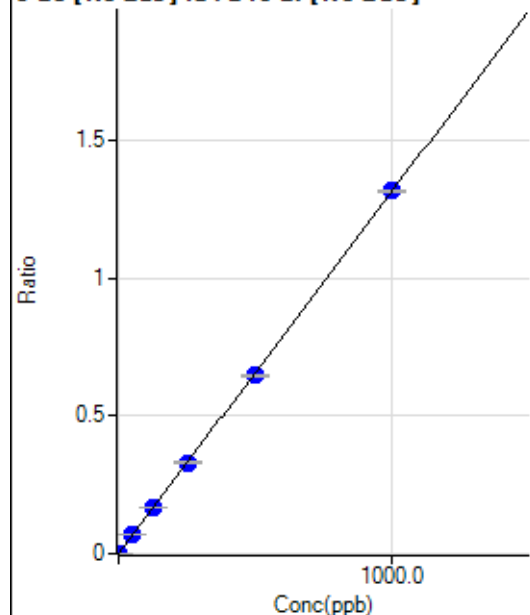


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7042817-MS .b\
 Analysis File: P7042817-MS .batch.bin
 DA Date-Time: 2017-04-28 18:15:32
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-04-28 15:49:45
2			
3	004CALS.d	S02	2017-04-28 15:58:07
4	005CALS.d	S03	2017-04-28 16:01:56
5	006CALS.d	S04	2017-04-28 16:05:55
6	007CALS.d	S05	2017-04-28 16:09:38
7	008CALS.d	S06	2017-04-28 16:13:16
8	009CALS.d	S07	2017-04-28 16:16:51
9	010CALS.d	S08	2017-04-28 16:20:22

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	38.1
2	☐	0.100					
3	☐	1.000	0.893	2796.65	0.0012	P	10.1
4	☐	50.000	51.132	153982.15	0.0671	P	1.0
5	☐	125.000	126.090	376072.10	0.1655	P	1.2
6	☐	250.000	251.729	738982.60	0.3303	P	0.7
7	☐	500.000	492.208	1428108.77	0.6459	P	1.1
8	☐	1000.000	1003.271	2857675.96	1.3165	P	0.6
9	☐			559.29	0.0003	P	6.9

$$y = 0.0013 * x + 1.9461E-005$$

$$R = 1.0000$$

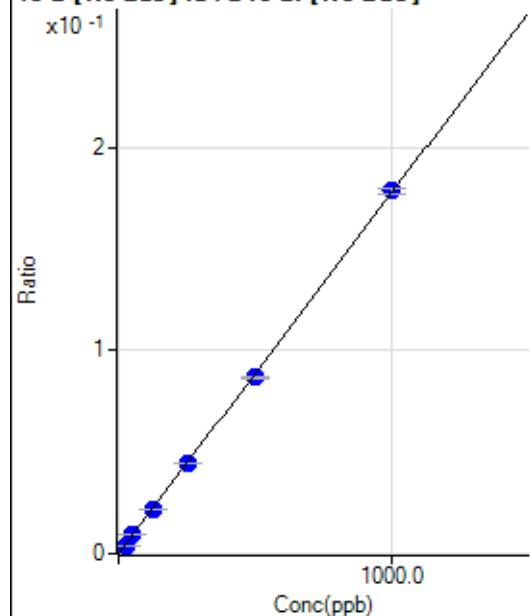
$$DL = 0.01694$$

$$BEC = 0.01483$$

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	136.12	0.0001	P	19.7
2	☐	2.500					
3	☐	25.000	20.850	8833.51	0.0038	P	2.7
4	☐	50.000	50.463	20698.30	0.0090	P	0.3
5	☐	125.000	122.252	49476.30	0.0218	P	2.7
6	☐	250.000	249.800	99378.72	0.0444	P	0.4
7	☐	500.000	488.081	191803.72	0.0867	P	1.4
8	☐	1000.000	1006.433	388108.87	0.1788	P	1.3
9	☐			10612.48	0.0052	P	7.0

$$y = 1.7759E-004 * x + 5.9525E-005$$

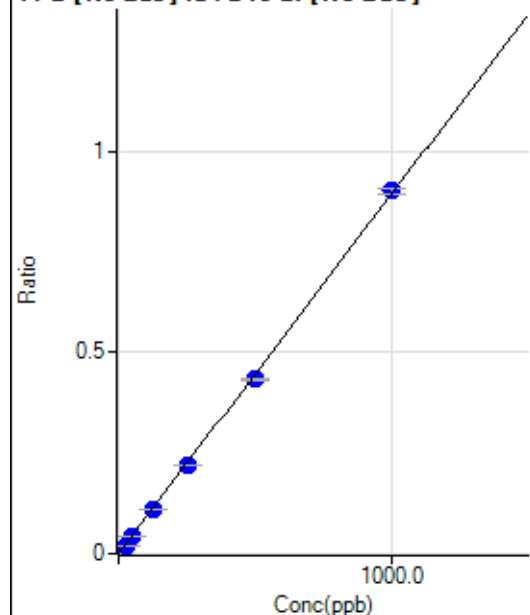
$$R = 0.9999$$

$$DL = 0.1976$$

$$BEC = 0.3352$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	941.73	0.0004	P	15.5
2	☐	2.500					
3	☐	25.000	21.256	45547.41	0.0194	P	1.5
4	☐	50.000	49.293	101973.82	0.0444	P	2.6
5	☐	125.000	123.957	252614.26	0.1111	P	0.9
6	☐	250.000	247.260	495074.51	0.2213	P	0.3
7	☐	500.000	484.085	957221.77	0.4329	P	1.0
8	☐	1000.000	1008.902	1957277.50	0.9017	P	1.5
9	☐			53192.04	0.0261	P	8.5

$$y = 8.9334\text{E-}004 * x + 4.1211\text{E-}004$$

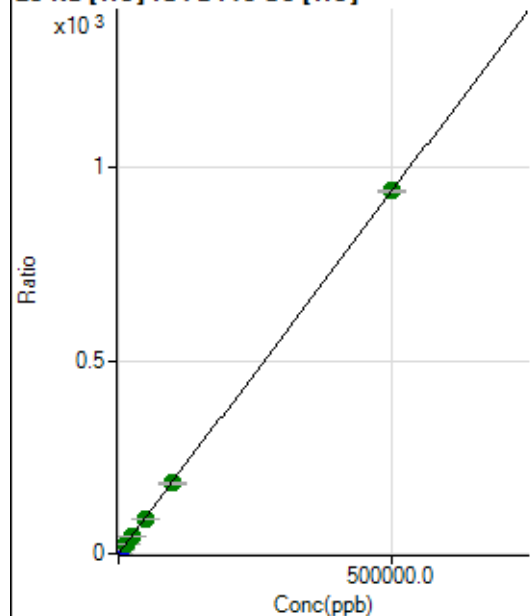
$$R = 0.9998$$

$$DL = 0.2141$$

$$BEC = 0.4613$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21140.55	0.0582	P	3.6
2	☐	50.000					
3	☐	500.000	452.958	329672.11	0.9079	P	0.3
4	☐	5000.000	5033.905	3460343.65	9.5011	P	0.4
5	☐	12500.000	12222.262	8393490.03	22.9854	A	1.0
6	☐	25000.000	24366.612	16395084.57	45.7665	A	0.7
7	☐	50000.000	47893.237	31763047.59	89.8990	A	0.0
8	☐	100000.00	96999.674	64986172.98	182.0156	A	1.2
9	☐	500000.00	500849.06	342254802.0	939.5786	A	0.5

$$y = 0.0019 * x + 0.0582$$

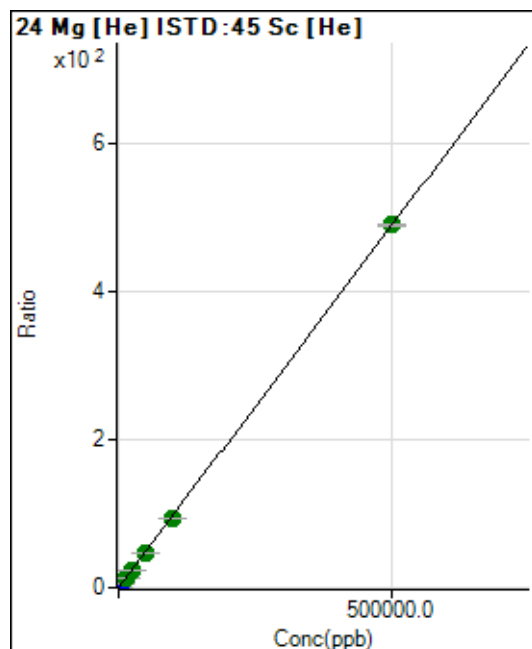
$$R = 1.0000$$

$$DL = 3.35$$

$$BEC = 31.05$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0005	P	5.0
2	☐	50.000					
3	☐	500.000	444.016	158174.06	0.4356	P	0.7
4	☐	5000.000	5003.145	1785910.48	4.9035	P	0.5
5	☐	12500.000	12288.081	4397643.33	12.0427	A	0.7
6	☐	25000.000	24349.195	8548527.79	23.8625	A	0.2
7	☐	50000.000	47875.764	16577022.25	46.9184	A	0.6
8	☐	100000.00	96078.320	33617122.28	94.1565	A	1.4
9	☐	500000.00	501034.62	178855867.8	491.0106	A	0.6

$$y = 9.7999\text{E-}004 * x + 4.8982\text{E-}004$$

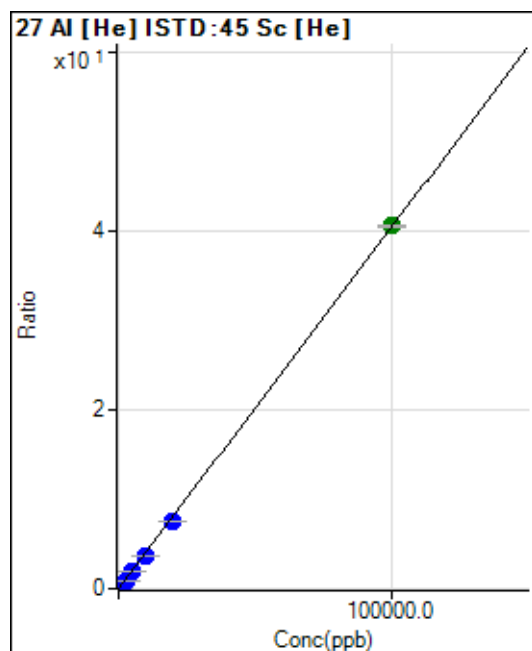
$$R = 1.0000$$

$$DL = 0.07562$$

$$BEC = 0.4998$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0001	P	24.4
2	☐	2.000					
3	☐	20.000	17.091	2561.46	0.0071	P	2.9
4	☐	1000.000	952.092	140237.54	0.3850	P	0.9
5	☐	2500.000	2354.864	347710.60	0.9521	P	0.9
6	☐	5000.000	4712.675	682559.63	1.9053	P	0.4
7	☐	10000.000	9201.849	1314359.27	3.7202	P	0.9
8	☐	20000.000	18668.833	2694714.56	7.5474	P	1.0
9	☐	100000.00	100364.52	14780278.28	40.5744	A	0.4

$$y = 4.0427\text{E-}004 * x + 1.4550\text{E-}004$$

$$R = 0.9999$$

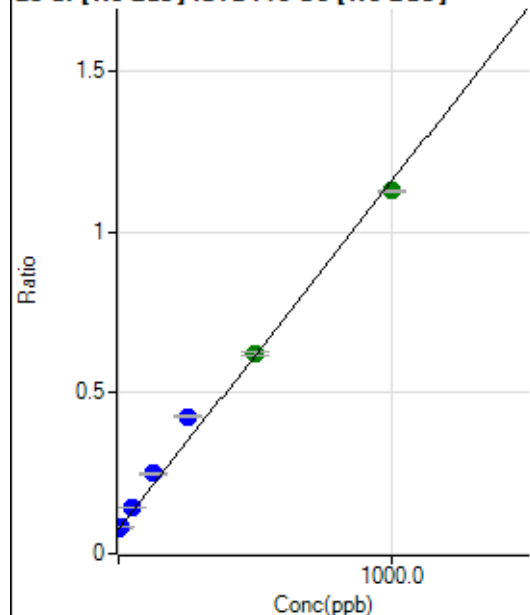
$$DL = 0.2639$$

$$BEC = 0.3599$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591185.91	0.0759	P	0.6
2	☐	1.000					
3	☐	10.000	8.692	678124.11	0.0853	P	1.1
4	☐	50.000	63.176	1142886.32	0.1443	P	1.2
5	☐	125.000	160.383	1976458.07	0.2495	P	1.5
6	☐	250.000	324.388	3344066.59	0.4269	P	1.2
7	☐	500.000	506.408	4842959.79	0.6238	A	1.6
8	☐	1000.000	973.130	8743510.70	1.1287	A	0.2
9	☐			933088.87	0.1237	P	0.3

$$y = 0.0011 * x + 0.0759$$

$$R = 0.9965$$

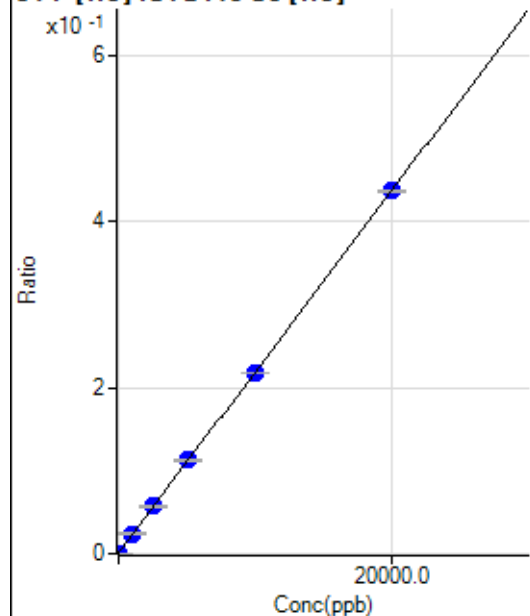
$$DL = 1.182$$

$$BEC = 70.2$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.474	322.24	0.0009	P	16.1
2	☐	0.000					
3	☐	0.000	-2.474	283.35	0.0008	P	8.9
4	☐	1000.000	1059.694	8727.94	0.0240	P	3.4
5	☐	2500.000	2585.076	20909.86	0.0573	P	2.3
6	☐	5000.000	5120.868	40344.70	0.1126	P	1.1
7	☐	10000.000	9915.295	76764.56	0.2173	P	0.4
8	☐	20000.000	19998.516	156162.21	0.4374	P	0.8
9	☐			408.36	0.0011	P	21.8

$$y = 2.1829E-005 * x + 8.3442E-004$$

$$R = 1.0000$$

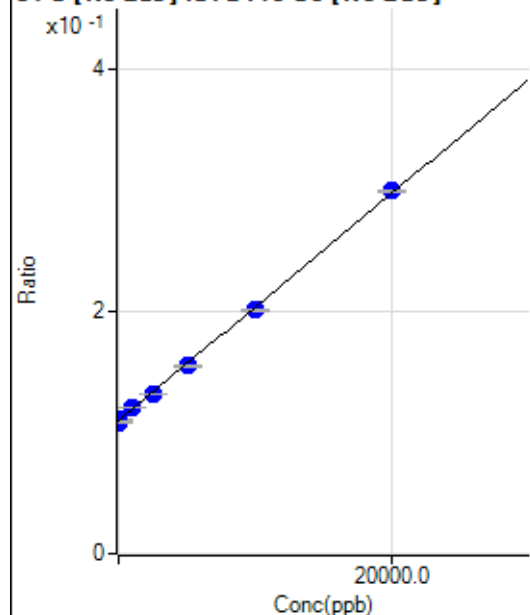
$$DL = 14.6$$

$$BEC = 38.23$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	155.120	866243.75	0.1113	P	0.2
2	☐	0.000					
3	☐	0.000	-155.120	861086.37	0.1084	P	0.5
4	☐	1000.000	1146.062	954843.04	0.1206	P	0.9
5	☐	2500.000	2326.275	1042671.72	0.1316	P	0.7
6	☐	5000.000	4773.107	1210240.12	0.1545	P	0.5
7	☐	10000.000	9721.965	1558894.95	0.2008	P	0.6
8	☐	20000.000	20210.154	2315498.55	0.2989	P	0.5
9	☐			761715.44	0.1010	P	1.3

$$y = 9.3569\text{E-}006 * x + 0.1098$$

$$R = 0.9996$$

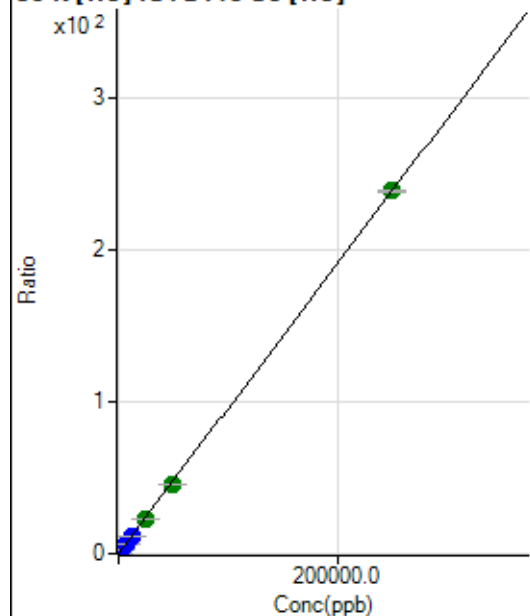
$$DL = 123.7$$

$$BEC = 1.174\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51080.67	0.1407	P	1.0
2	☐	50.000					
3	☐	500.000	438.972	202679.38	0.5582	P	1.1
4	☐	2500.000	2435.960	894921.96	2.4572	P	0.4
5	☐	6250.000	6038.271	2148226.63	5.8827	P	0.6
6	☐	12500.000	12118.128	4178485.34	11.6642	P	0.8
7	☐	25000.000	23429.731	7921426.57	22.4207	A	0.6
8	☐	50000.000	47905.463	16315077.80	45.6954	A	1.0
9	☐	250000.00	250601.08	86859242.22	238.4444	A	0.3

$$y = 9.5093\text{E-}004 * x + 0.1407$$

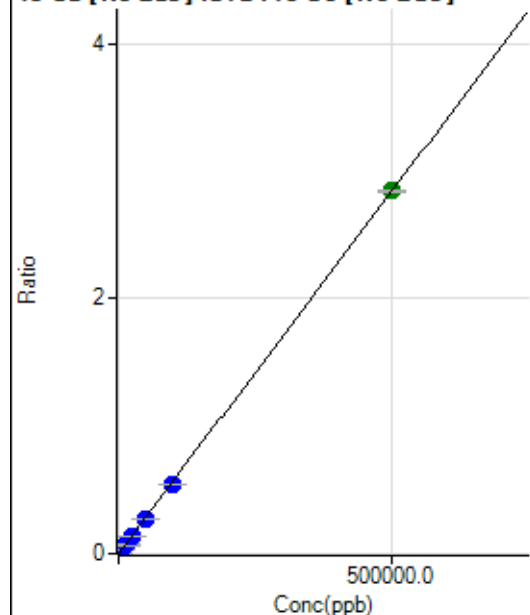
$$R = 1.0000$$

$$DL = 4.442$$

$$BEC = 148$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.02	0.0001	P	13.3
2	☐	50.000					
3	☐	500.000	435.771	20053.23	0.0025	P	1.1
4	☐	5000.000	4878.647	219662.69	0.0277	P	1.1
5	☐	12500.000	11969.677	538532.72	0.0680	P	0.6
6	☐	25000.000	23909.071	1063083.83	0.1357	P	1.6
7	☐	50000.000	47366.616	2086933.88	0.2688	P	0.7
8	☐	100000.00	96306.242	4233220.23	0.5465	P	0.1
9	☐	500000.00	501071.17	21449222.35	2.8431	A	0.5

$$y = 5.6740\text{E-}006 * x + 5.1372\text{E-}005$$

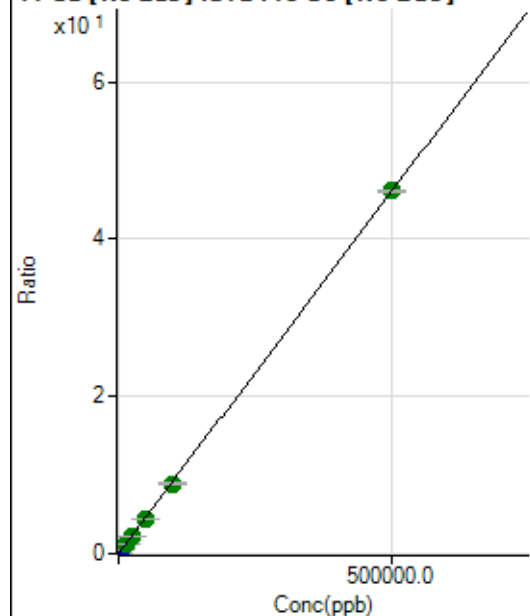
$$R = 1.0000$$

$$DL = 3.607$$

$$BEC = 9.054$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18276.12	0.0023	P	1.8
2	☐	50.000					
3	☐	500.000	430.051	333189.55	0.0419	P	0.6
4	☐	5000.000	4864.147	3565109.15	0.4501	P	0.5
5	☐	12500.000	12029.399	8792228.76	1.1096	A	0.5
6	☐	25000.000	23868.687	17228967.75	2.1994	A	1.6
7	☐	50000.000	47632.071	34058591.38	4.3869	A	0.2
8	☐	100000.00	96526.545	68841042.51	8.8876	A	0.8
9	☐	500000.00	501001.24	347931877.2	46.1193	A	0.7

$$y = 9.2050\text{E-}005 * x + 0.0023$$

$$R = 1.0000$$

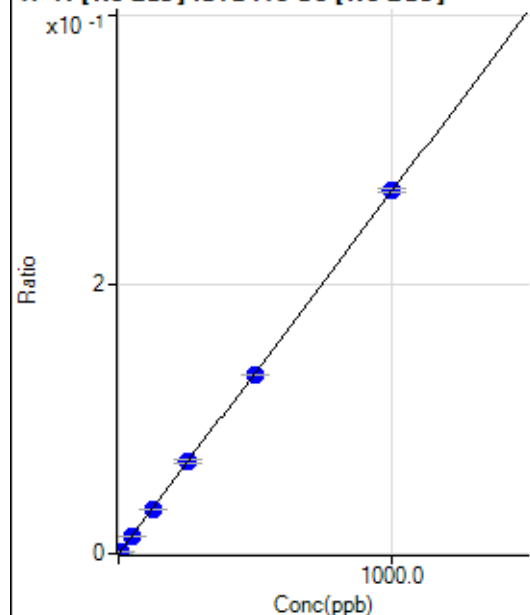
$$DL = 1.366$$

$$BEC = 25.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	20.7
2	☐	0.500					
3	☐	5.000	4.490	9714.65	0.0012	P	2.4
4	☐	50.000	50.148	106944.70	0.0135	P	0.5
5	☐	125.000	123.426	263107.25	0.0332	P	2.0
6	☐	250.000	254.588	536551.19	0.0685	P	3.8
7	☐	500.000	492.521	1028418.47	0.1325	P	0.1
8	☐	1000.000	1002.785	2088970.36	0.2697	P	0.9
9	☐			1944.66	0.0003	P	5.6

$$y = 2.6892E-004 * x + 1.5332E-005$$

$$R = 0.9999$$

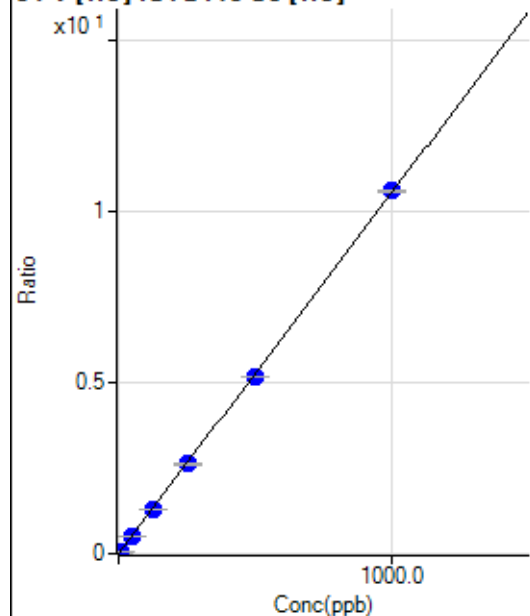
$$DL = 0.03549$$

$$BEC = 0.05701$$

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	22.22	0.0001	P	45.9
2	☐	0.500					
3	☐	5.000	4.489	17211.33	0.0474	P	1.0
4	☐	50.000	49.950	191847.04	0.5268	P	0.2
5	☐	125.000	123.204	474427.71	1.2992	P	0.4
6	☐	250.000	248.248	937758.52	2.6177	P	0.7
7	☐	500.000	491.015	1829331.76	5.1776	P	0.4
8	☐	1000.000	1005.160	3784357.96	10.5990	P	0.3
9	☐			1373.42	0.0038	P	2.4

$$y = 0.0105 * x + 6.1221E-005$$

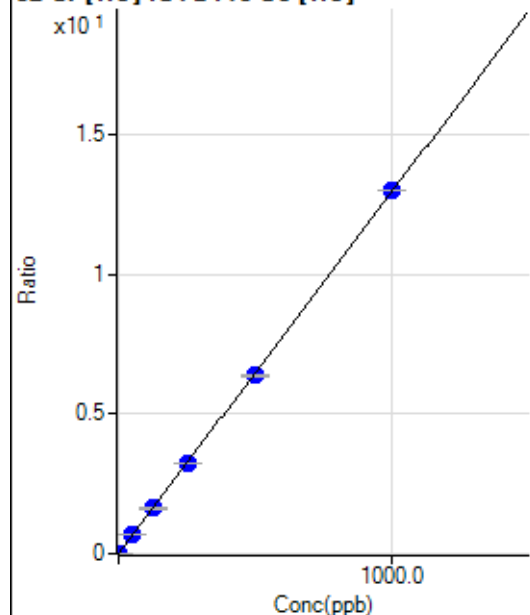
$$R = 0.9999$$

$$DL = 0.007998$$

$$BEC = 0.005806$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1172.29	0.0032	P	11.2
2	☐	0.200					
3	☐	2.000	1.963	10381.58	0.0286	P	1.9
4	☐	50.000	50.611	239383.51	0.6573	P	0.6
5	☐	125.000	124.942	590803.91	1.6179	P	0.4
6	☐	250.000	250.323	1160048.33	3.2382	P	0.4
7	☐	500.000	492.118	2248110.70	6.3630	P	0.6
8	☐	1000.000	1003.837	4633115.38	12.9760	P	0.1
9	☐			93045.53	0.2554	P	0.7

$$y = 0.0129 * x + 0.0032$$

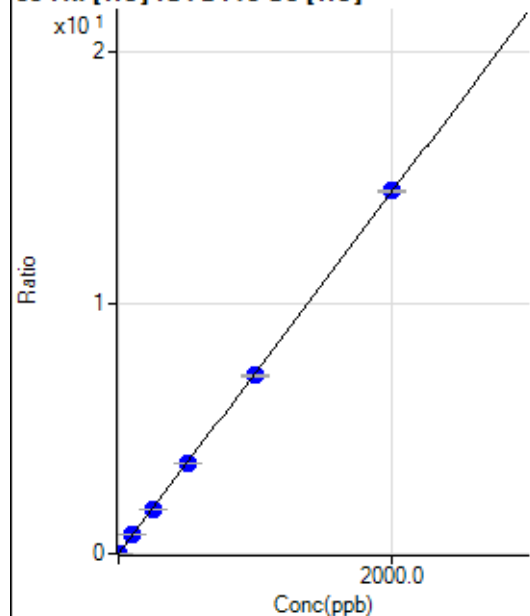
$$R = 1.0000$$

$$DL = 0.08431$$

$$BEC = 0.2499$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0002	P	19.4
2	☐	0.100					
3	☐	1.000	0.927	2489.14	0.0069	P	3.3
4	☐	100.000	101.962	267572.83	0.7347	P	0.6
5	☐	250.000	249.656	656822.42	1.7986	P	0.2
6	☐	500.000	498.322	1286057.98	3.5900	P	0.6
7	☐	1000.000	985.228	2507581.63	7.0975	P	0.9
8	☐	2000.000	2007.751	5164169.89	14.4636	P	0.5
9	☐			19054.77	0.0523	P	1.8

$$y = 0.0072 * x + 1.7463E-004$$

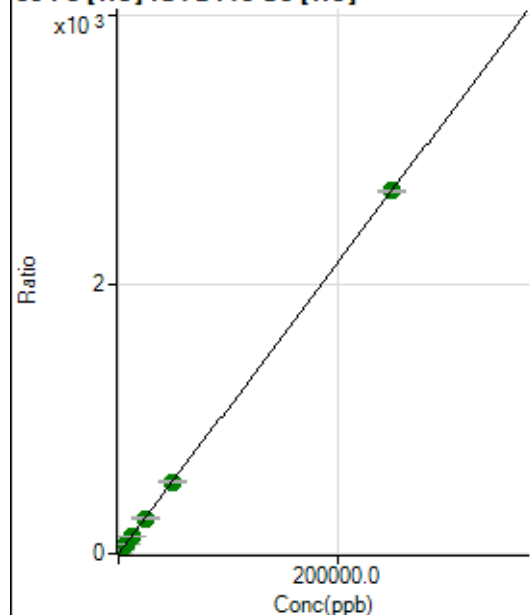
$$R = 1.0000$$

$$DL = 0.0141$$

$$BEC = 0.02424$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5779.07	0.0159	P	3.8
2	☐	5.000					
3	☐	50.000	45.429	183611.23	0.5057	P	0.4
4	☐	2500.000	2541.276	9983579.97	27.4119	A	0.7
5	☐	6250.000	6201.999	24421648.23	66.8761	A	0.8
6	☐	12500.000	12409.347	47928250.15	133.7939	A	1.3
7	☐	25000.000	24469.472	93206277.09	263.8071	A	0.8
8	☐	50000.000	49710.791	191347756.1	535.9192	A	0.5
9	☐	250000.00	250116.21	982176170.1	2,696.374	A	0.8

$$y = 0.0108 * x + 0.0159$$

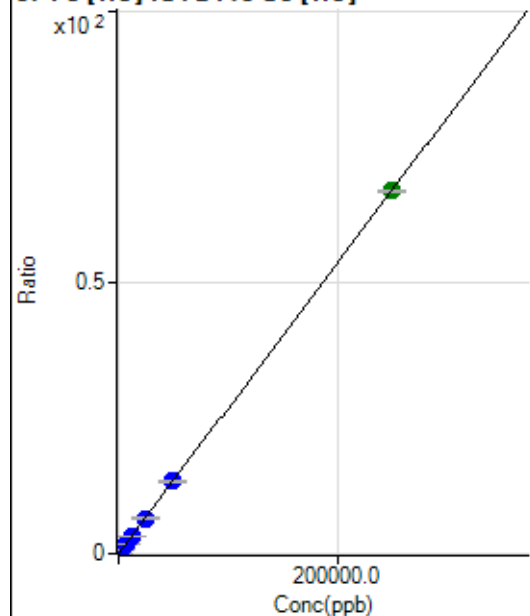
$$R = 1.0000$$

$$DL = 0.168$$

$$BEC = 1.477$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0004	P	20.4
2	☐	5.000					
3	☐	50.000	47.378	4756.48	0.0131	P	5.3
4	☐	2500.000	2541.748	247693.90	0.6801	P	0.5
5	☐	6250.000	6200.761	605655.22	1.6585	P	0.4
6	☐	12500.000	12439.645	1191770.83	3.3268	P	0.7
7	☐	25000.000	24478.650	2312762.78	6.5460	P	0.9
8	☐	50000.000	49762.180	4751097.97	13.3069	P	0.9
9	☐	250000.00	250103.53	24361454.94	66.8783	A	0.3

$$y = 2.6740E-004 * x + 4.2898E-004$$

$$R = 1.0000$$

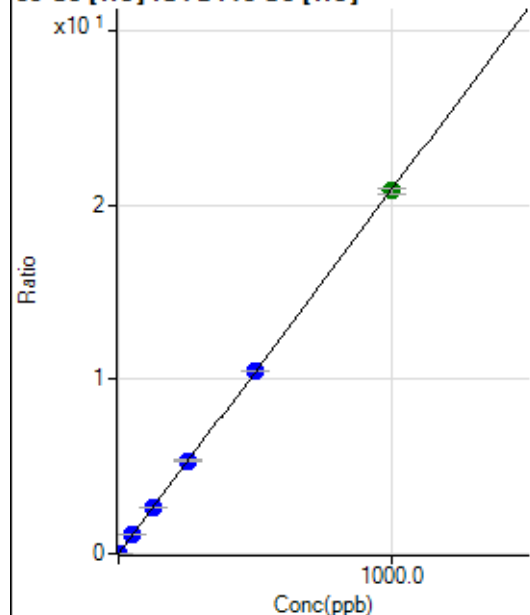
$$DL = 0.9817$$

$$BEC = 1.604$$

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	110.00	0.0003	P	8.5
2	☐	0.100					
3	☐	1.000	0.940	7235.23	0.0199	P	2.5
4	☐	50.000	52.569	399694.93	1.0974	P	0.2
5	☐	125.000	127.416	971197.09	2.6595	P	0.4
6	☐	250.000	255.667	1911597.94	5.3362	P	0.7
7	☐	500.000	501.479	3697849.91	10.4664	P	0.7
8	☐	1000.000	997.413	7432240.16	20.8168	A	1.7
9	☐			9866.81	0.0271	P	3.8

$$y = 0.0209 * x + 3.0320E-004$$

$$R = 1.0000$$

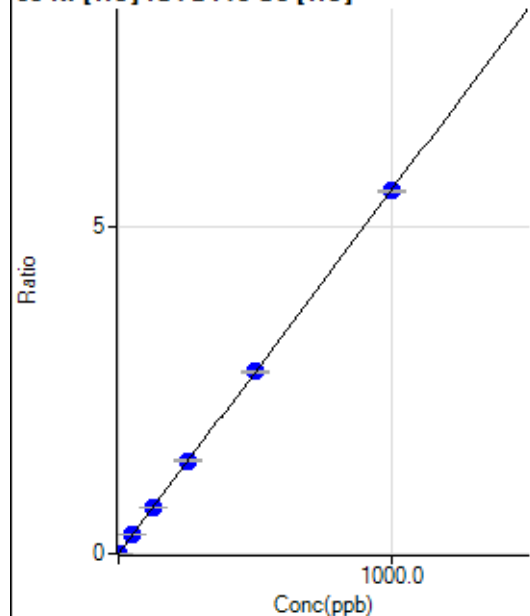
$$DL = 0.003703$$

$$BEC = 0.01453$$

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	374.46	0.0010	P	7.5
2	☐	0.100					
3	☐	1.000	0.982	2360.23	0.0065	P	7.0
4	☐	50.000	52.938	107744.53	0.2958	P	0.3
5	☐	125.000	127.813	260295.15	0.7128	P	0.4
6	☐	250.000	255.643	510355.32	1.4247	P	0.9
7	☐	500.000	500.009	984141.87	2.7855	P	0.7
8	☐	1000.000	998.086	1984858.20	5.5592	P	0.9
9	☐			24397.17	0.0670	P	1.6

$$y = 0.0056 * x + 0.0010$$

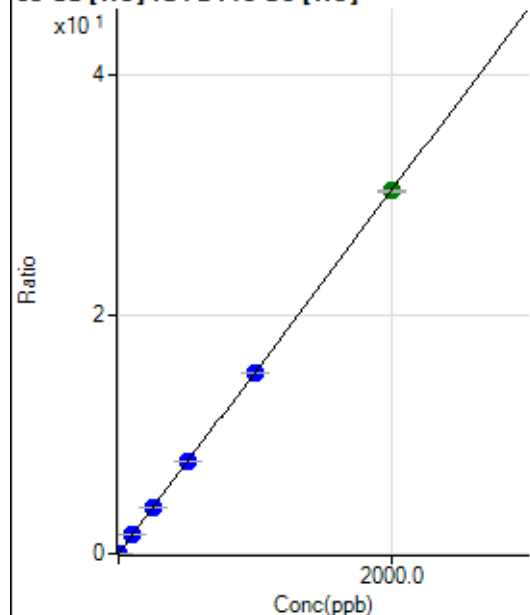
$$R = 1.0000$$

$$DL = 0.04191$$

$$BEC = 0.1853$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3002.59	0.0083	P	2.8
2	☐	0.200					
3	☐	2.000	2.286	15611.85	0.0430	P	1.5
4	☐	100.000	104.816	582718.83	1.6000	P	0.1
5	☐	250.000	255.173	1418051.68	3.8833	P	0.5
6	☐	500.000	511.214	2783988.47	7.7714	P	0.6
7	☐	1000.000	997.512	5354925.79	15.1562	P	0.4
8	☐	2000.000	1997.552	10833648.87	30.3425	A	0.5
9	☐			18159.24	0.0499	P	0.9

$$y = 0.0152 * x + 0.0083$$

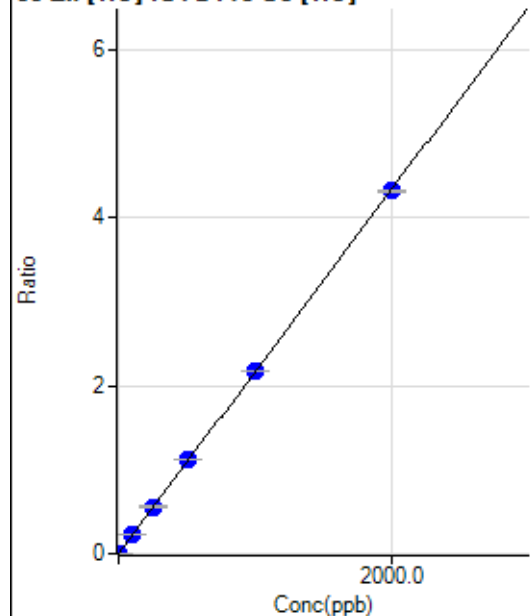
$$R = 1.0000$$

$$DL = 0.04558$$

$$BEC = 0.5448$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	306.68	0.0008	P	18.9
2	☐	0.200					
3	☐	2.000	1.785	1709.02	0.0047	P	4.9
4	☐	100.000	106.703	84403.18	0.2317	P	0.7
5	☐	250.000	258.416	204518.29	0.5601	P	1.0
6	☐	500.000	514.525	399172.83	1.1143	P	0.5
7	☐	1000.000	1004.465	768278.62	2.1745	P	0.4
8	☐	2000.000	1992.749	1539990.46	4.3131	P	0.7
9	☐			6438.20	0.0177	P	1.9

$$y = 0.0022 * x + 8.4480E-004$$

$$R = 1.0000$$

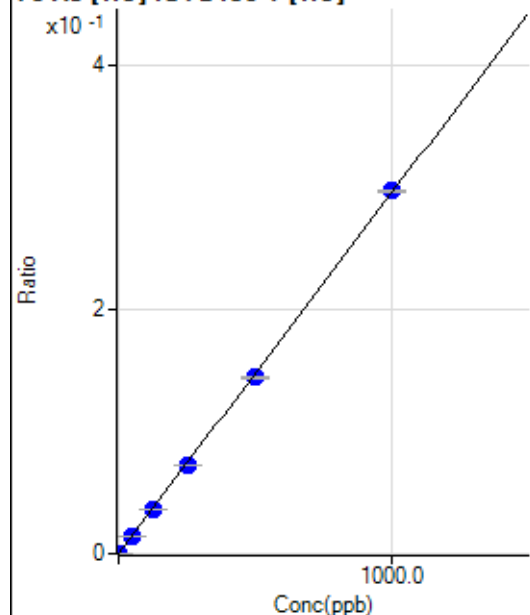
$$DL = 0.2211$$

$$BEC = 0.3904$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.97	0.0000	P	51.2
2	☐	0.100					
3	☐	1.000	0.867	482.73	0.0003	P	5.9
4	☐	50.000	49.569	27266.96	0.0146	P	0.8
5	☐	125.000	123.130	67149.67	0.0363	P	0.7
6	☐	250.000	247.171	133327.84	0.0729	P	0.3
7	☐	500.000	488.462	260373.42	0.1440	P	0.4
8	☐	1000.000	1006.732	535349.42	0.2969	P	0.5
9	☐			792.00	0.0004	P	2.6

$$y = 2.9487\text{E-}004 * x + 7.0501\text{E-}006$$

$$R = 0.9999$$

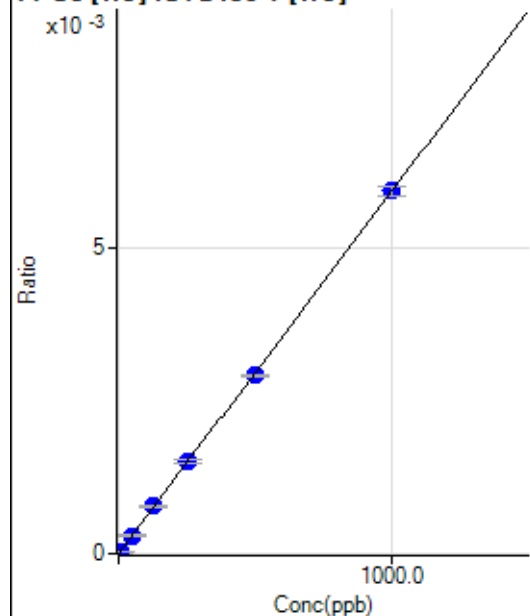
$$DL = 0.03675$$

$$BEC = 0.02391$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.530	61.11	0.0000	P	11.8
4	☐	50.000	50.135	553.36	0.0003	P	7.1
5	☐	125.000	130.200	1423.43	0.0008	P	7.4
6	☐	250.000	256.252	2770.32	0.0015	P	4.7
7	☐	500.000	491.542	5251.04	0.0029	P	1.5
8	☐	1000.000	1002.007	10677.41	0.0059	P	2.3
9	☐			20.00	0.0000	P	16.8

$$y = 5.9080\text{E-}006 * x + 6.0066\text{E-}007$$

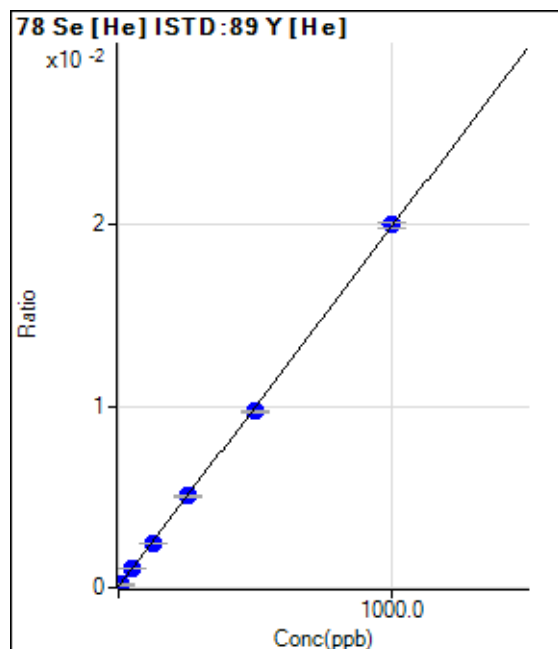
$$R = 0.9999$$

$$DL = 0.5283$$

$$BEC = 0.1017$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.09	0.0001	P	9.0
2	☐	0.500					
3	☐	5.000	5.226	293.22	0.0002	P	10.3
4	☐	50.000	51.383	2001.39	0.0011	P	3.7
5	☐	125.000	121.736	4560.03	0.0025	P	1.2
6	☐	250.000	252.583	9249.32	0.0051	P	1.3
7	☐	500.000	487.989	17563.19	0.0097	P	0.9
8	☐	1000.000	1005.697	36005.08	0.0200	P	1.4
9	☐			167.90	0.0001	P	19.8

$$y = 1.9796E-005 * x + 5.6087E-005$$

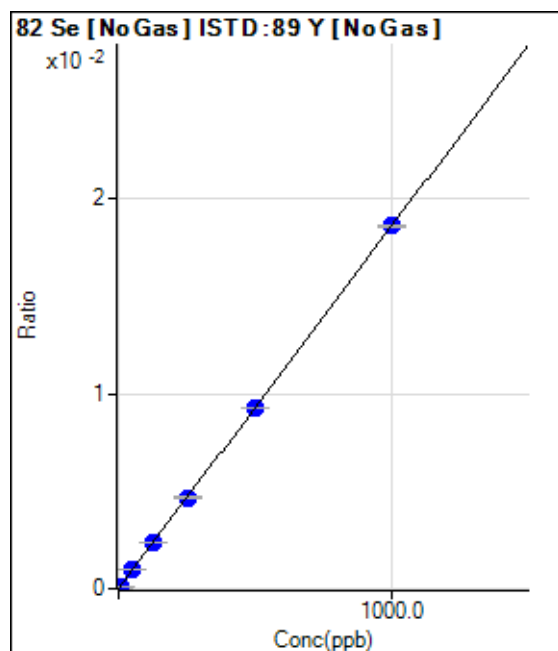
$$R = 0.9999$$

$$DL = 0.7654$$

$$BEC = 2.833$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	156.67	0.0000	P	116.
2	☐	0.500					
3	☐	5.000	3.954	1077.32	0.0001	P	7.5
4	☐	50.000	50.403	11760.58	0.0009	P	1.2
5	☐	125.000	124.607	28919.01	0.0023	P	0.5
6	☐	250.000	251.278	57436.95	0.0047	P	0.8
7	☐	500.000	497.120	112658.70	0.0093	P	0.4
8	☐	1000.000	1001.155	226055.36	0.0186	P	0.7
9	☐			106.07	0.0000	P	116.

$$y = 1.8583E-005 * x + 1.2905E-005$$

$$R = 1.0000$$

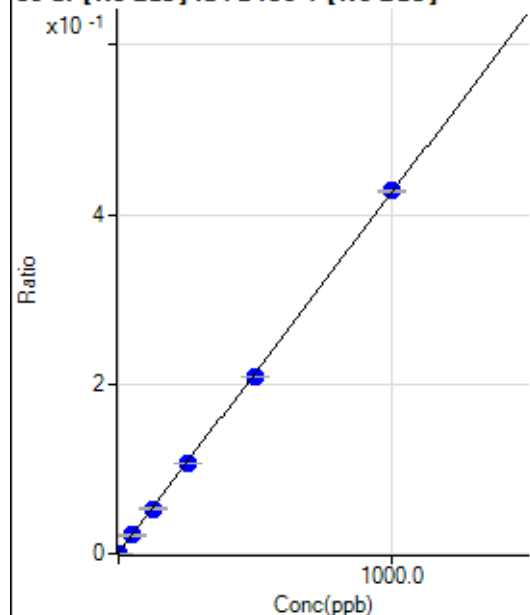
$$DL = 2.422$$

$$BEC = 0.6944$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6348.87	0.0005	P	2.3
2	☐	0.100					
3	☐	1.000	0.758	10540.38	0.0008	P	4.9
4	☐	50.000	49.586	267518.80	0.0216	P	1.1
5	☐	125.000	123.910	660644.02	0.0532	P	1.2
6	☐	250.000	249.724	1308576.49	0.1067	P	0.5
7	☐	500.000	490.250	2544268.31	0.2089	P	0.3
8	☐	1000.000	1005.101	5194149.68	0.4278	P	0.5
9	☐			153151.33	0.0131	P	0.8

$$y = 4.2510E-004 * x + 5.2308E-004$$

$$R = 0.9999$$

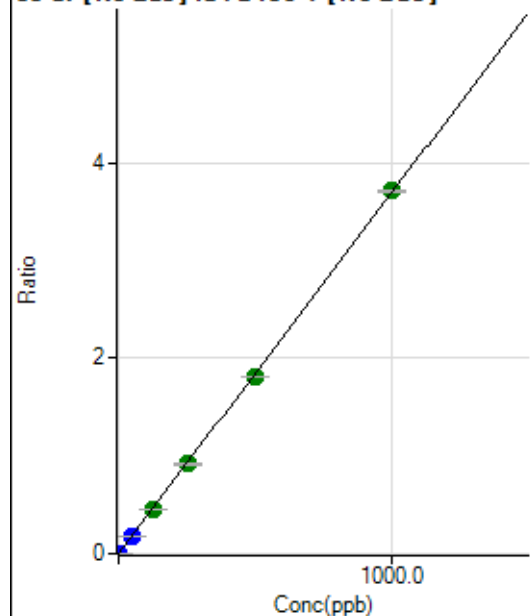
$$DL = 0.08561$$

$$BEC = 1.231$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	11.4
2	☐	0.100					
3	☐	1.000	0.804	37294.04	0.0030	P	0.1
4	☐	50.000	50.181	2291331.24	0.1850	P	0.4
5	☐	125.000	123.709	5664011.89	0.4561	A	0.4
6	☐	250.000	248.856	11253397.65	0.9174	A	0.9
7	☐	500.000	488.792	21943385.91	1.8019	A	0.3
8	☐	1000.000	1006.042	45029836.08	3.7087	A	0.5
9	☐			1291240.05	0.1104	P	1.2

$$y = 0.0037 * x + 2.7462E-005$$

$$R = 0.9999$$

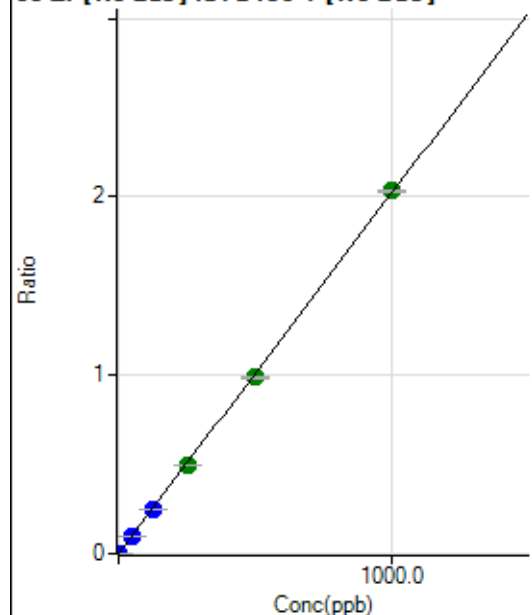
$$DL = 0.002544$$

$$BEC = 0.00745$$

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	947.30	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	0.763	20187.26	0.0016	P	2.7
4	☐	50.000	48.935	1224525.76	0.0989	P	0.4
5	☐	125.000	123.415	3095313.67	0.2492	P	0.6
6	☐	250.000	246.742	6111622.97	0.4982	A	0.8
7	☐	500.000	488.503	12011093.84	0.9863	A	0.7
8	☐	1000.000	1006.815	24680959.23	2.0327	A	0.5
9	☐			6599.03	0.0006	P	4.5

$$y = 0.0020 * x + 7.8049E-005$$

$$R = 0.9999$$

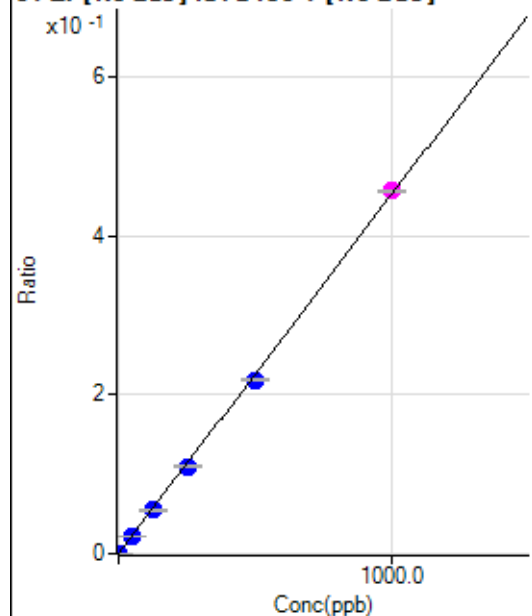
$$DL = 0.004525$$

$$BEC = 0.03866$$

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	150.01	0.0000	P	5.4
2	☐	0.100					
3	☐	1.000	0.813	4737.13	0.0004	P	4.7
4	☐	50.000	48.431	271170.67	0.0219	P	1.2
5	☐	125.000	120.789	677899.45	0.0546	P	1.1
6	☐	250.000	243.205	1347945.38	0.1099	P	1.4
7	☐	500.000	483.863	2662401.97	0.2186	P	0.4
8	☐	1000.000	1010.372	5542910.67	0.4565	M	0.7
9	☐			1489.03	0.0001	P	6.2

$$y = 4.5181E-004 * x + 1.2358E-005$$

$$R = 0.9998$$

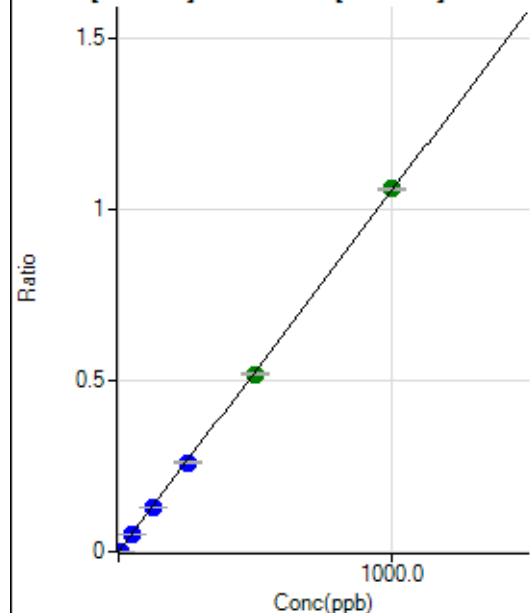
$$DL = 0.004453$$

$$BEC = 0.02735$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.82	0.0000	P	5.7
2	☐	0.500					
3	☐	5.000	1.808	24304.86	0.0019	P	2.7
4	☐	50.000	48.496	633461.79	0.0511	P	0.8
5	☐	125.000	122.049	1597732.85	0.1287	P	0.6
6	☐	250.000	247.529	3199973.34	0.2609	P	0.6
7	☐	500.000	490.751	6297925.27	0.5172	A	1.2
8	☐	1000.000	1005.702	12867709.58	1.0598	A	0.6
9	☐			22404.63	0.0019	P	6.0

$$y = 0.0011 * x + 4.3487E-005$$

$$R = 0.9999$$

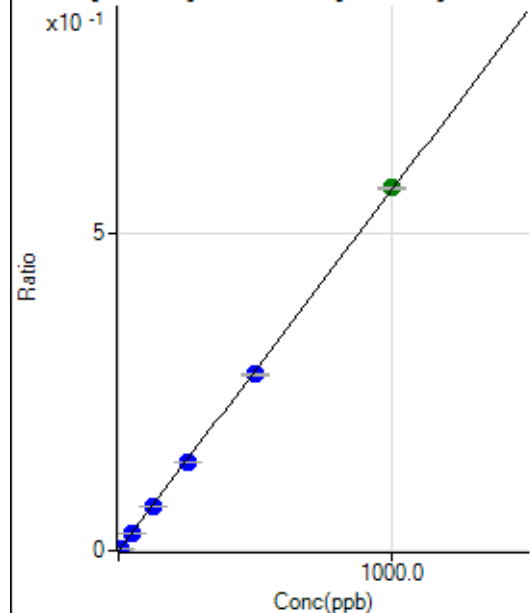
$$DL = 0.00705$$

$$BEC = 0.04127$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0000	P	22.2
2	☐	0.500					
3	☐	5.000	4.258	30466.86	0.0024	P	1.8
4	☐	50.000	48.064	338073.95	0.0273	P	0.8
5	☐	125.000	120.832	851727.24	0.0686	P	0.3
6	☐	250.000	246.905	1718608.00	0.1401	P	0.6
7	☐	500.000	488.850	3377835.06	0.2774	P	0.7
8	☐	1000.000	1006.970	6936929.24	0.5713	A	0.3
9	☐			34253.25	0.0029	P	9.1

$$y = 5.6734E-004 * x + 2.7686E-005$$

$$R = 0.9999$$

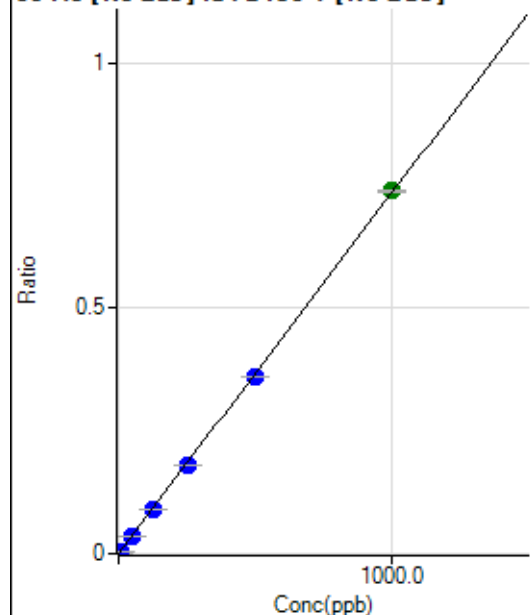
$$DL = 0.03256$$

$$BEC = 0.0488$$

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	486.14	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	3.601	33437.42	0.0027	P	1.2
4	☐	50.000	48.034	436886.42	0.0353	P	0.1
5	☐	125.000	121.557	1107902.61	0.0892	P	0.9
6	☐	250.000	246.396	2217566.95	0.1808	P	0.8
7	☐	500.000	489.270	4371257.00	0.3590	P	0.4
8	☐	1000.000	1006.802	8967871.99	0.7386	A	0.8
9	☐			42130.20	0.0036	P	6.8

$$y = 7.3356E-004 * x + 4.0044E-005$$

$$R = 0.9999$$

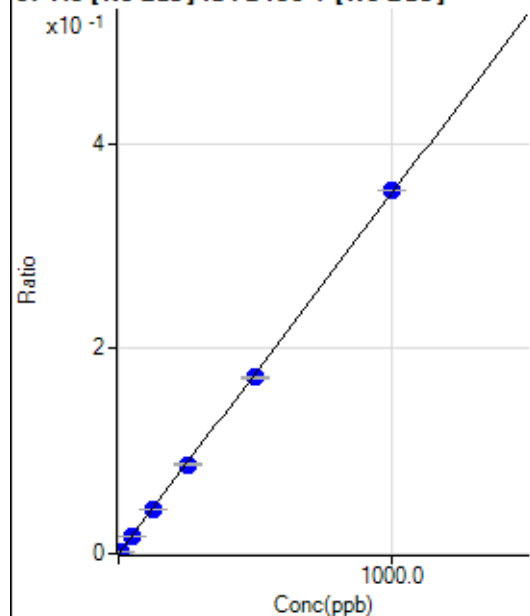
$$DL = 0.03506$$

$$BEC = 0.05459$$

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	247.24	0.0000	P	43.9
2	☐	0.500					
3	☐	5.000	4.201	18679.53	0.0015	P	2.8
4	☐	50.000	48.435	211250.02	0.0171	P	1.1
5	☐	125.000	121.371	530417.07	0.0427	P	0.5
6	☐	250.000	247.214	1066814.36	0.0870	P	0.9
7	☐	500.000	488.596	2093024.61	0.1719	P	0.7
8	☐	1000.000	1006.934	4300460.08	0.3542	P	0.1
9	☐			21436.39	0.0018	P	6.7

$$y = 3.5173E-004 * x + 2.0359E-005$$

$$R = 0.9999$$

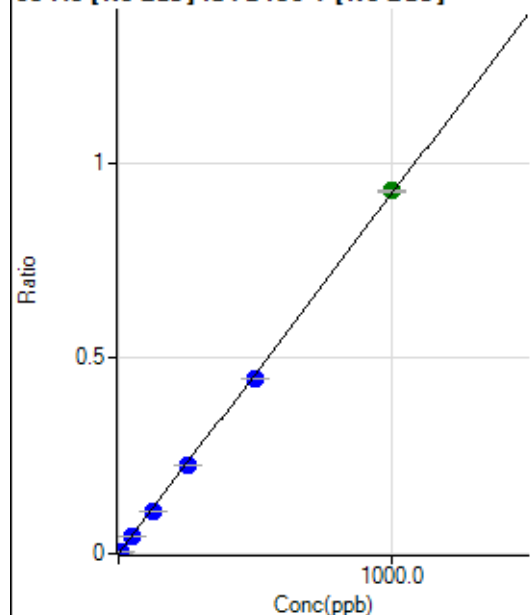
$$DL = 0.07627$$

$$BEC = 0.05788$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.59	0.0000	P	17.7
2	☐	0.500					
3	☐	5.000	4.119	47839.80	0.0038	P	1.3
4	☐	50.000	47.840	546074.29	0.0441	P	0.4
5	☐	125.000	119.564	1367745.96	0.1101	P	0.4
6	☐	250.000	244.895	2766278.71	0.2255	P	1.1
7	☐	500.000	486.549	5455947.73	0.4480	P	0.4
8	☐	1000.000	1008.793	11278062.58	0.9289	A	0.6
9	☐			55652.58	0.0048	P	9.3

$$y = 9.2073\text{E-}004 * x + 4.3726\text{E-}005$$

$$R = 0.9999$$

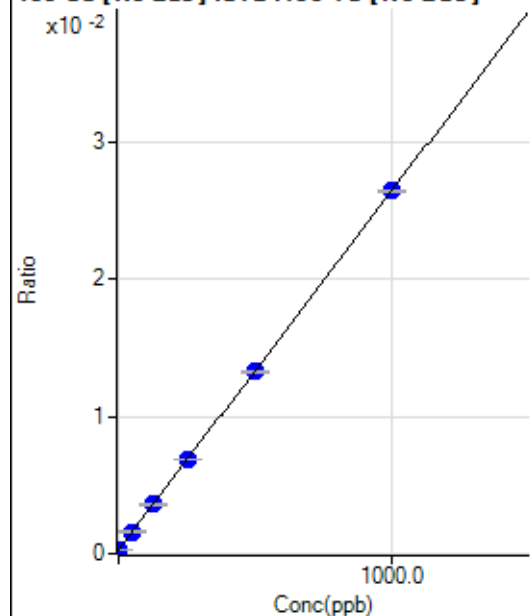
$$DL = 0.02526$$

$$BEC = 0.04749$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4192.48	0.0003	P	3.0
2	☐	0.100					
3	☐	1.000	1.612	4931.62	0.0003	P	2.5
4	☐	50.000	51.065	25112.06	0.0016	P	0.3
5	☐	125.000	127.472	56374.35	0.0036	P	2.0
6	☐	250.000	253.106	106884.10	0.0069	P	0.8
7	☐	500.000	496.244	204365.36	0.0133	P	0.7
8	☐	1000.000	1000.739	405727.66	0.0264	P	0.8
9	☐			4281.39	0.0003	P	2.6

$$y = 2.6154\text{E-}005 * x + 2.7468\text{E-}004$$

$$R = 1.0000$$

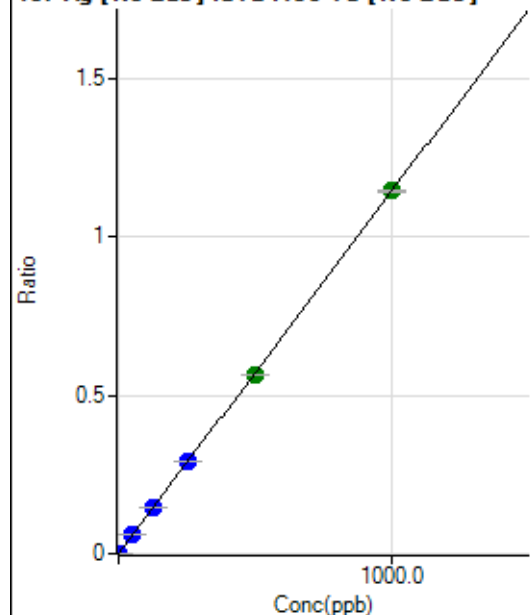
$$DL = 0.9597$$

$$BEC = 10.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.68	0.0000	P	13.6
2	☐	0.100					
3	☐	1.000	1.244	22318.34	0.0014	P	2.0
4	☐	50.000	51.509	919371.56	0.0590	P	0.4
5	☐	125.000	126.912	2269029.30	0.1452	P	0.6
6	☐	250.000	253.196	4491632.65	0.2897	P	0.9
7	☐	500.000	495.051	8735241.17	0.5665	A	0.2
8	☐	1000.000	1001.361	17578357.16	1.1459	A	0.2
9	☐			3225.53	0.0002	P	8.0

$$y = 0.0011 * x + 1.0925E-005$$

$$R = 1.0000$$

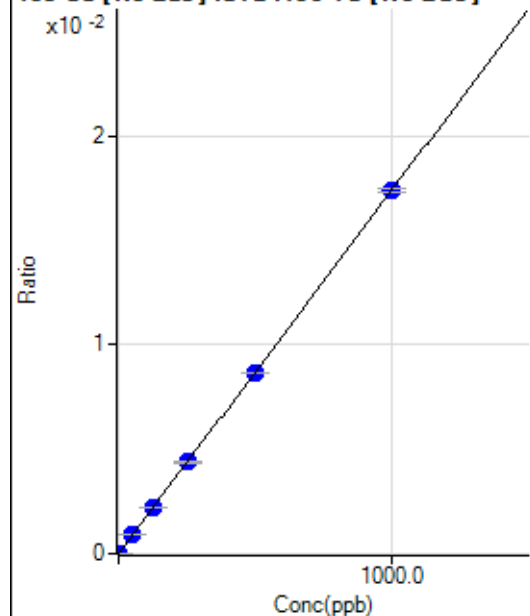
$$DL = 0.003892$$

$$BEC = 0.009547$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.2
2	☐	0.100					
3	☐	1.000	1.024	302.79	0.0000	P	11.9
4	☐	50.000	51.290	13937.65	0.0009	P	1.2
5	☐	125.000	127.696	34724.73	0.0022	P	1.0
6	☐	250.000	253.444	68357.39	0.0044	P	2.1
7	☐	500.000	498.497	133719.34	0.0087	P	0.6
8	☐	1000.000	999.489	266704.60	0.0174	P	1.2
9	☐			66.67	0.0000	P	40.9

$$y = 1.7393E-005 * x + 1.6412E-006$$

$$R = 1.0000$$

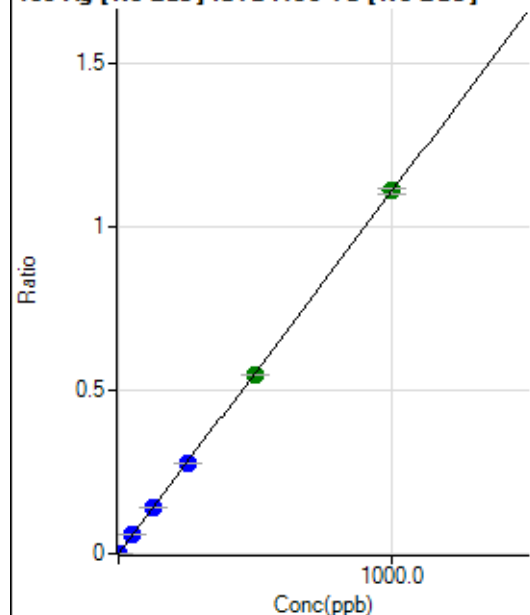
$$DL = 0.1648$$

$$BEC = 0.09436$$

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	88.89	0.0000	P	19.3
2	☐	0.100					
3	☐	1.000	1.219	21110.99	0.0014	P	2.6
4	☐	50.000	50.943	879949.69	0.0564	P	0.6
5	☐	125.000	126.199	2183607.10	0.1398	P	0.8
6	☐	250.000	251.023	4309745.80	0.2780	P	0.6
7	☐	500.000	494.599	8446319.11	0.5478	A	0.4
8	☐	1000.000	1002.248	17027571.39	1.1100	A	1.4
9	☐			2953.22	0.0002	P	5.4

$$y = 0.0011 * x + 5.8230E-006$$

$$R = 1.0000$$

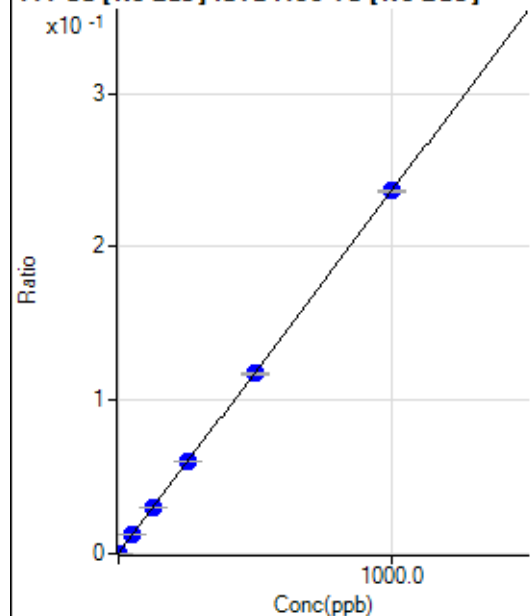
$$DL = 0.003037$$

$$BEC = 0.005258$$

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	2938.07	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	0.974	6575.36	0.0004	P	1.8
4	☐	50.000	51.586	193013.63	0.0124	P	0.3
5	☐	125.000	127.470	473367.10	0.0303	P	1.0
6	☐	250.000	253.345	930604.24	0.0600	P	0.3
7	☐	500.000	496.739	1812021.42	0.1175	P	1.0
8	☐	1000.000	1000.406	3627707.67	0.2365	P	0.7
9	☐			3554.50	0.0002	P	3.5

$$y = 2.3619E-004 * x + 1.9249E-004$$

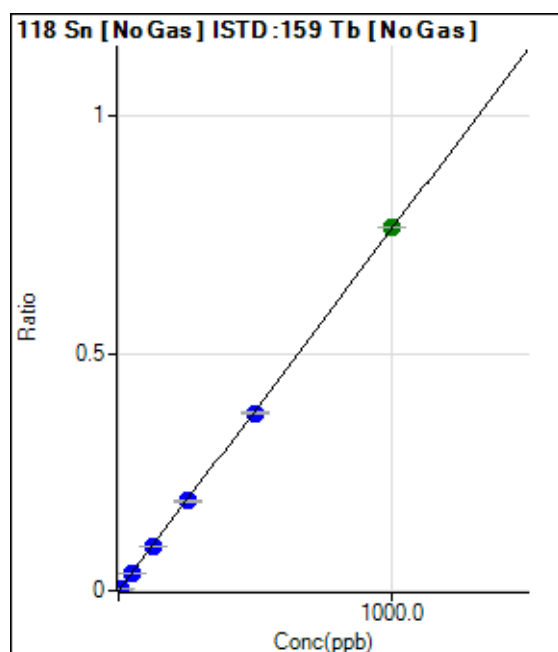
$$R = 1.0000$$

$$DL = 0.08$$

$$BEC = 0.815$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	488.92	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	4.440	53062.16	0.0034	P	0.6
4	☐	50.000	49.701	589952.30	0.0378	P	1.0
5	☐	125.000	123.676	1469891.54	0.0941	P	0.3
6	☐	250.000	248.172	2926158.38	0.1888	P	0.7
7	☐	500.000	491.577	5764738.89	0.3739	P	0.6
8	☐	1000.000	1004.852	11723208.94	0.7642	A	0.1
9	☐			12681.23	0.0009	P	10.8

$$y = 7.6047\text{E-}004 * x + 3.2051\text{E-}005$$

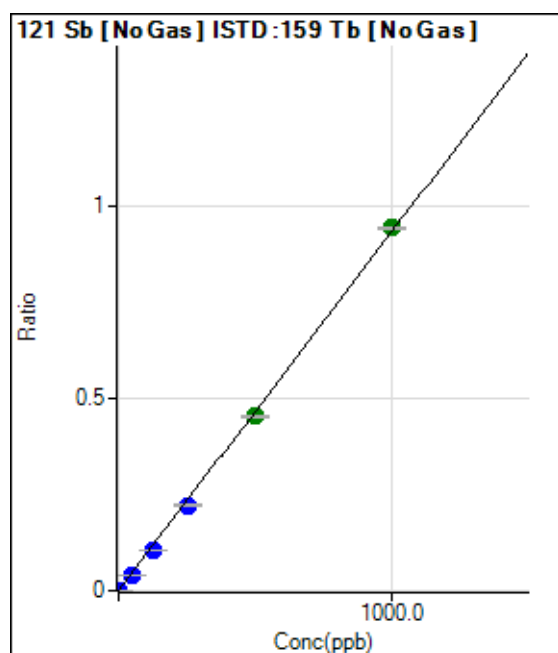
$$R = 0.9999$$

$$DL = 0.01993$$

$$BEC = 0.04215$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1691.85	0.0001	P	6.6
2	☐	0.200					
3	☐	2.000	1.816	28059.48	0.0018	P	1.0
4	☐	50.000	41.623	606585.32	0.0389	P	3.2
5	☐	125.000	113.696	1656874.01	0.1060	P	1.4
6	☐	250.000	238.309	3443963.79	0.2221	P	0.7
7	☐	500.000	485.759	6980537.66	0.4527	A	0.3
8	☐	1000.000	1011.876	14464720.12	0.9429	A	0.6
9	☐			74124.86	0.0050	P	8.2

$$y = 9.3173\text{E-}004 * x + 1.1087\text{E-}004$$

$$R = 0.9998$$

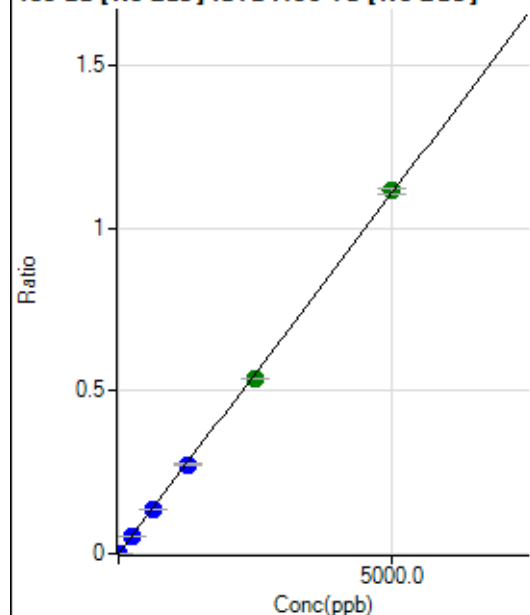
$$DL = 0.02345$$

$$BEC = 0.119$$

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	63.89	0.0000	P	52.5
2	☐	1.000					
3	☐	10.000	9.001	31105.18	0.0020	P	1.3
4	☐	250.000	245.921	849698.38	0.0545	P	0.2
5	☐	625.000	614.462	2126750.76	0.1361	P	0.7
6	☐	1250.000	1239.691	4257542.72	0.2746	P	0.8
7	☐	2500.000	2434.196	8315370.67	0.5393	A	0.6
8	☐	5000.000	5037.002	17118148.13	1.1159	A	1.3
9	☐			7635.78	0.0005	P	1.9

$$y = 2.2154\text{E-}004 * x + 4.1800\text{E-}006$$

$$R = 0.9999$$

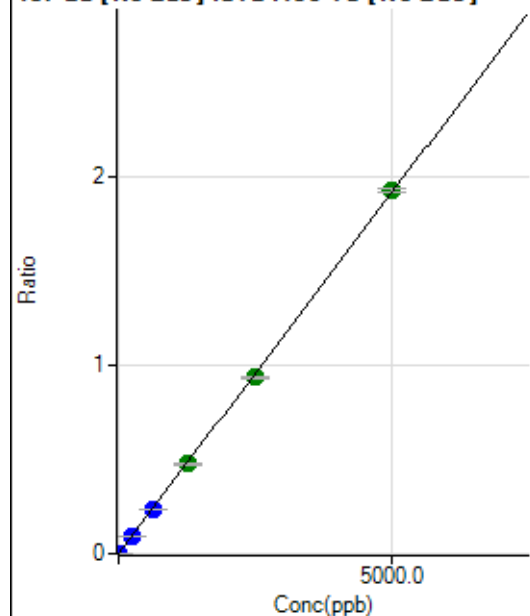
$$DL = 0.02971$$

$$BEC = 0.01887$$

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	69.45	0.0000	P	7.4
2	☐	1.000					
3	☐	10.000	9.004	53741.32	0.0035	P	1.2
4	☐	250.000	250.282	1494674.57	0.0958	P	0.6
5	☐	625.000	621.706	3719329.20	0.2381	P	0.7
6	☐	1250.000	1239.768	7359493.31	0.4747	A	0.3
7	☐	2500.000	2445.604	14439585.05	0.9365	A	1.4
8	☐	5000.000	5030.156	29548141.63	1.9261	A	1.0
9	☐			13493.21	0.0009	P	6.4

$$y = 3.8292\text{E-}004 * x + 4.5514\text{E-}006$$

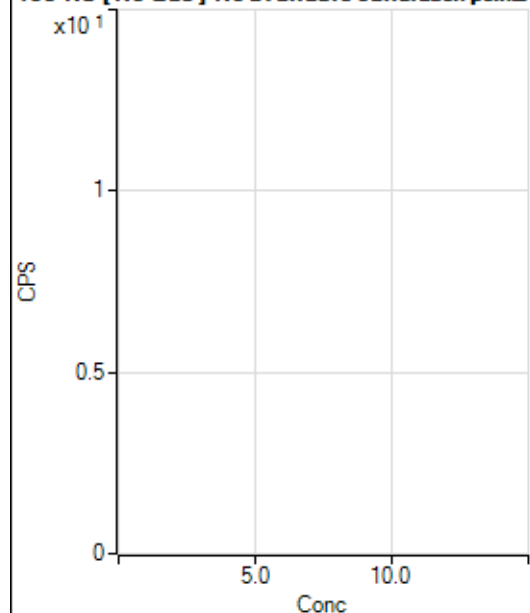
$$R = 0.9999$$

$$DL = 0.002635$$

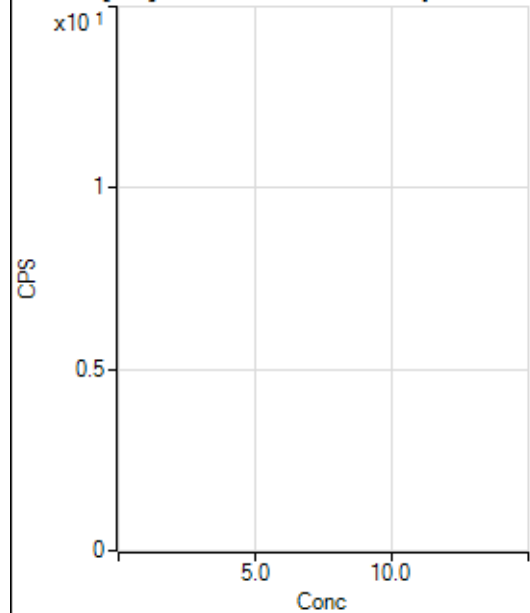
$$BEC = 0.01189$$

Weight: <None>

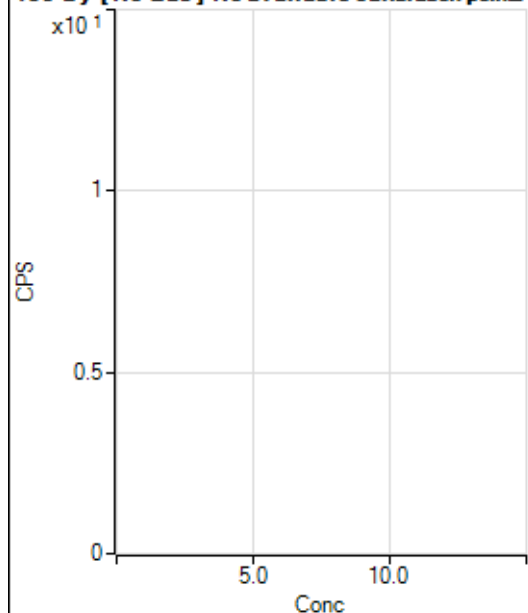
Min Conc: 0

150 Nd [No Gas] No available calibration points

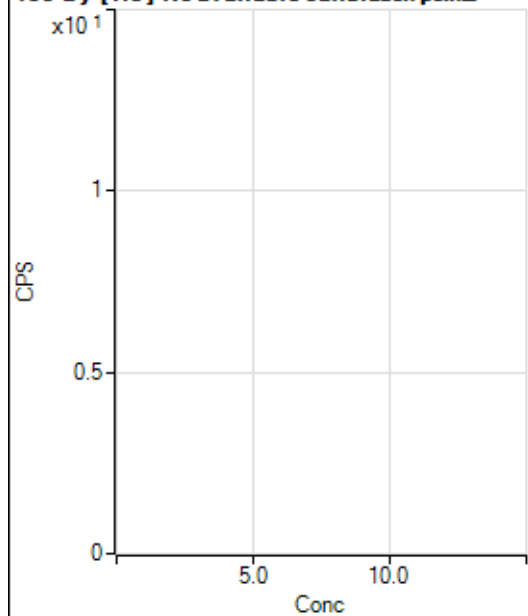
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			6.67		P	0.0
4	☐			57.78		P	43.7
5	☐			135.56		P	19.9
6	☐			300.01		P	11.8
7	☐			495.59		P	3.4
8	☐			982.30		P	0.4
9	☐			220.01		P	10.5

150 Nd [He] No available calibration points

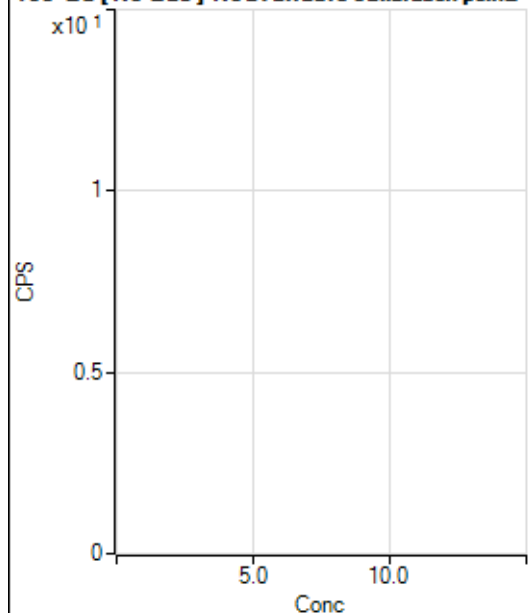
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.56		P	34.7
5	☐			18.89		P	27.0
6	☐			27.78		P	18.3
7	☐			56.67		P	35.8
8	☐			95.56		P	34.4
9	☐			90.00		P	32.1

156 Dy [No Gas] No available calibration points

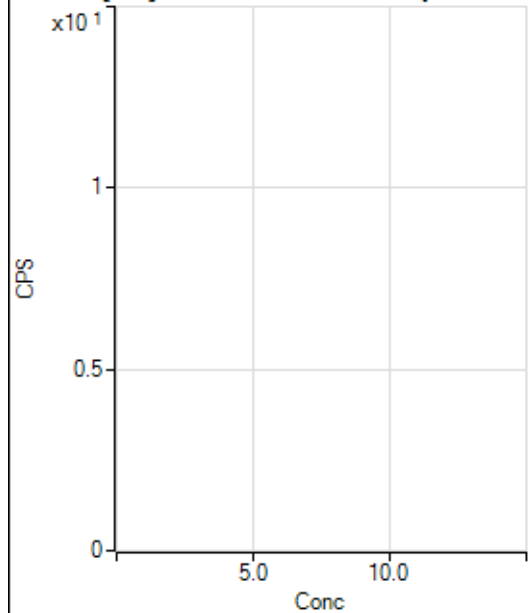
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			13.89		P	173.
4	☐			41.67		P	72.1
5	☐			61.11		P	55.1
6	☐			102.78		P	12.4
7	☐			163.90		P	17.9
8	☐			241.68		P	6.0
9	☐			244.45		P	34.3

156 Dy [He] No available calibration points

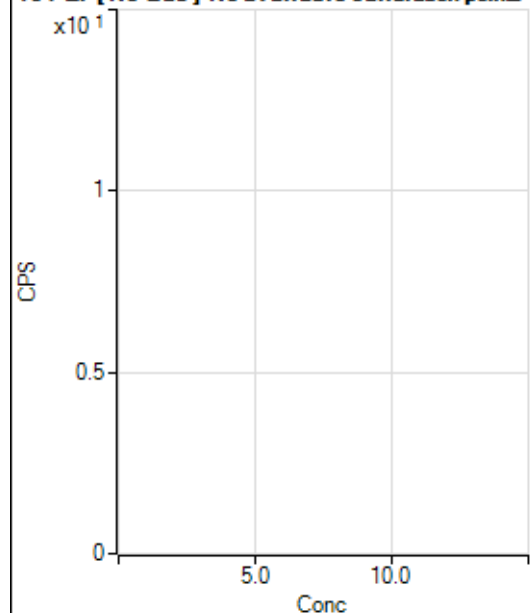
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			5.55		P	69.3
4	☐			4.44		P	43.4
5	☐			12.22		P	15.7
6	☐			38.89		P	21.6
7	☐			35.56		P	5.4
8	☐			71.11		P	31.9
9	☐			106.67		P	14.3

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

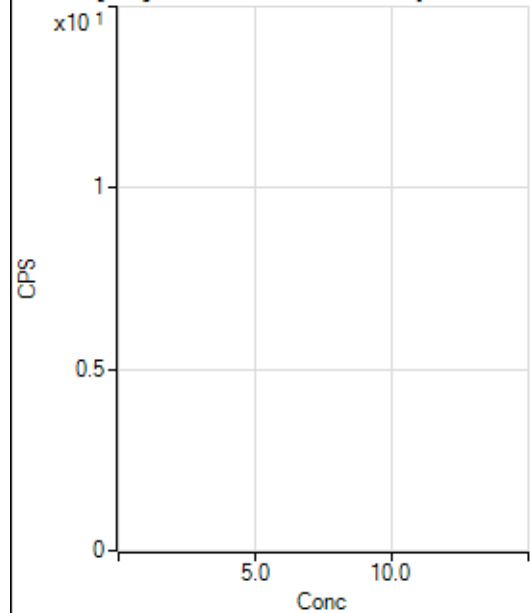
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	41.7
2	☐						
3	☐			108.34		P	42.8
4	☐			111.12		P	33.8
5	☐			133.34		P	31.3
6	☐			113.90		P	23.5
7	☐			113.90		P	16.9
8	☐			166.67		P	17.3
9	☐			238.90		P	17.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	26.4
2	☐						
3	☐			57.78		P	21.8
4	☐			50.00		P	26.7
5	☐			58.89		P	11.8
6	☐			65.56		P	29.4
7	☐			65.56		P	12.8
8	☐			93.33		P	16.4
9	☐			127.78		P	18.5

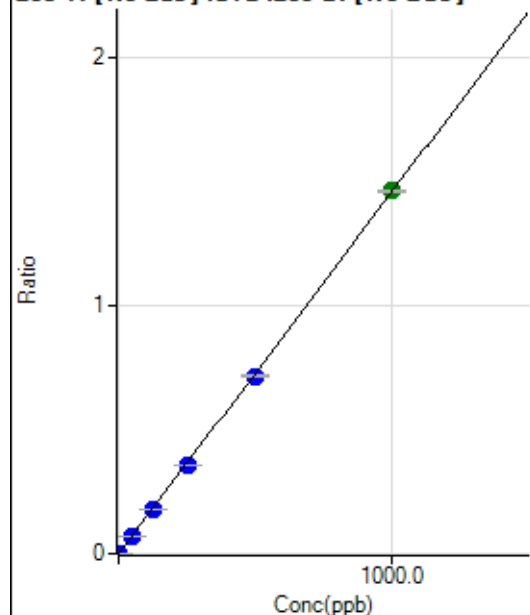
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐						
3	☐			88.89		P	48.1
4	☐			97.22		P	21.6
5	☐			69.45		P	27.7
6	☐			75.01		P	19.2
7	☐			58.34		P	14.3
8	☐			133.34		P	18.7
9	☐			122.23		P	23.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	0.0
2	☐						
3	☐			41.11		P	20.4
4	☐			26.67		P	25.0
5	☐			18.89		P	27.0
6	☐			25.56		P	60.2
7	☐			43.33		P	20.3
8	☐			47.78		P	28.2
9	☐			53.33		P	10.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.898	13251.55	0.0013	P	1.6
4	☐	50.000	48.784	704933.79	0.0711	P	0.2
5	☐	125.000	122.929	1766862.74	0.1791	P	0.9
6	☐	250.000	247.386	3508115.79	0.3604	P	0.1
7	☐	500.000	492.130	6929804.58	0.7170	P	0.3
8	☐	1000.000	1004.908	13955993.19	1.4640	A	0.2
9	☐			5117.90	0.0006	P	5.7

$$y = 0.0015 * x + 2.3913E-005$$

$$R = 1.0000$$

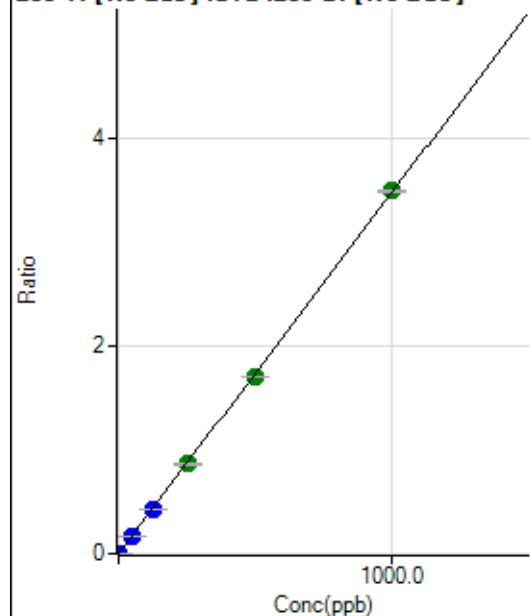
$$DL = 0.008874$$

$$BEC = 0.01641$$

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	630.60	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.880	31045.56	0.0031	P	1.1
4	☐	50.000	49.382	1701836.06	0.1716	P	0.6
5	☐	125.000	123.900	4247062.29	0.4305	P	0.9
6	☐	250.000	247.945	8385290.38	0.8615	A	0.1
7	☐	500.000	490.065	16457900.02	1.7027	A	0.6
8	☐	1000.000	1005.649	33307506.65	3.4940	A	0.6
9	☐			12506.39	0.0015	P	7.7

$$y = 0.0035 * x + 6.3869E-005$$

$$R = 0.9999$$

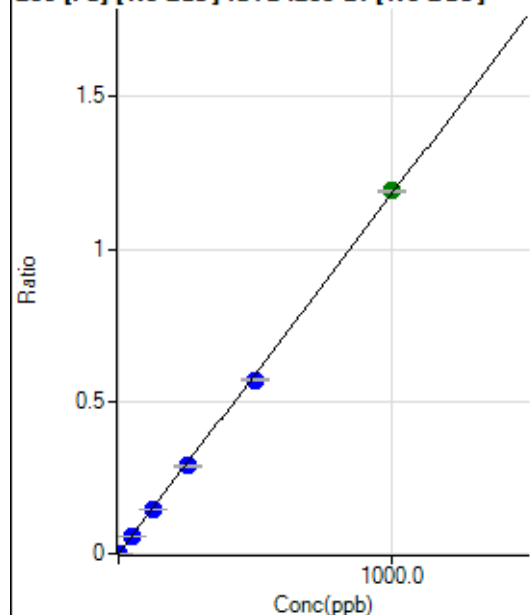
$$DL = 0.003346$$

$$BEC = 0.01838$$

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	1344.55	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	1.096	14213.51	0.0014	P	2.5
4	☐	50.000	48.488	568226.72	0.0573	P	0.6
5	☐	125.000	120.888	1407457.08	0.1427	P	0.7
6	☐	250.000	243.929	2800763.35	0.2877	P	0.4
7	☐	500.000	484.152	5518701.63	0.5710	P	0.5
8	☐	1000.000	1010.031	11354186.36	1.1910	A	0.3
9	☐			23786.60	0.0028	P	0.5

$$y = 0.0012 * x + 1.3615E-004$$

$$R = 0.9998$$

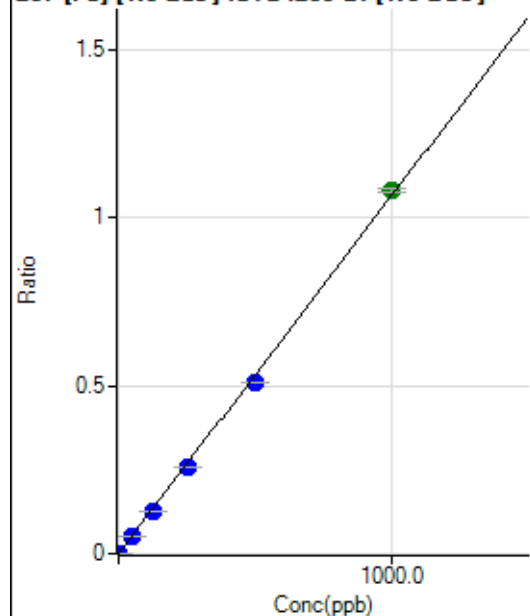
$$DL = 0.0215$$

$$BEC = 0.1155$$

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	1261.21	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	1.072	12630.39	0.0013	P	1.4
4	☐	50.000	47.869	507077.65	0.0511	P	0.5
5	☐	125.000	119.224	1254594.31	0.1272	P	1.1
6	☐	250.000	241.169	2502791.41	0.2571	P	0.2
7	☐	500.000	478.250	4927075.92	0.5098	P	0.7
8	☐	1000.000	1013.912	10301353.58	1.0806	A	1.2
9	☐			19676.11	0.0023	P	1.2

$$y = 0.0011 * x + 1.2773E-004$$

$$R = 0.9996$$

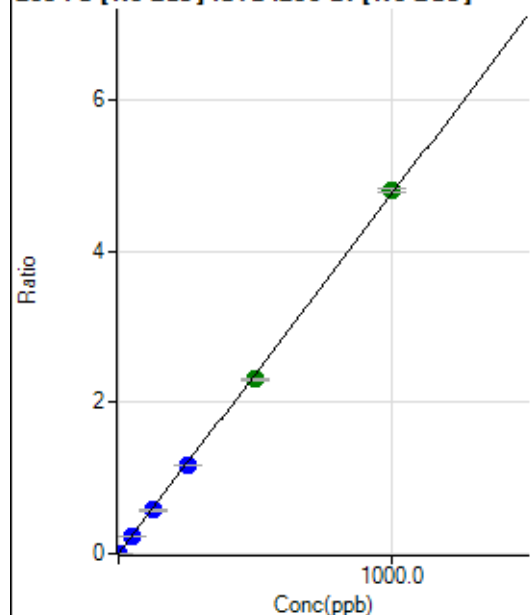
$$DL = 0.01399$$

$$BEC = 0.1199$$

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	5533.95	0.0006	P	1.9
2	☐	0.100					
3	☐	1.000	1.088	57017.73	0.0057	P	2.2
4	☐	50.000	48.198	2277205.18	0.2297	P	0.7
5	☐	125.000	120.462	5654032.88	0.5732	P	0.7
6	☐	250.000	244.311	11308703.09	1.1618	P	0.2
7	☐	500.000	484.462	22262262.76	2.3034	A	0.5
8	☐	1000.000	1009.849	45763897.43	4.8007	A	1.0
9	☐			91425.72	0.0106	P	0.4

$$y = 0.0048 * x + 5.6049E-004$$

$$R = 0.9998$$

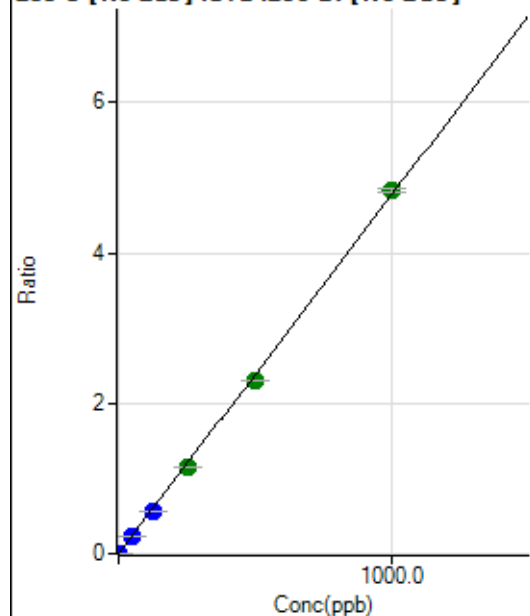
$$DL = 0.006782$$

$$BEC = 0.1179$$

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	258.35	0.0000	P	13.8
2	☐	0.100					
3	☐	1.000	0.820	39183.20	0.0039	P	1.1
4	☐	50.000	46.505	2199671.16	0.2218	P	0.4
5	☐	125.000	117.975	5551196.87	0.5627	P	0.6
6	☐	250.000	240.991	11188208.84	1.1495	A	0.3
7	☐	500.000	482.799	22257570.81	2.3028	A	0.5
8	☐	1000.000	1011.906	46008696.51	4.8265	A	1.2
9	☐			9640.15	0.0011	P	8.7

$$y = 0.0048 * x + 2.6159E-005$$

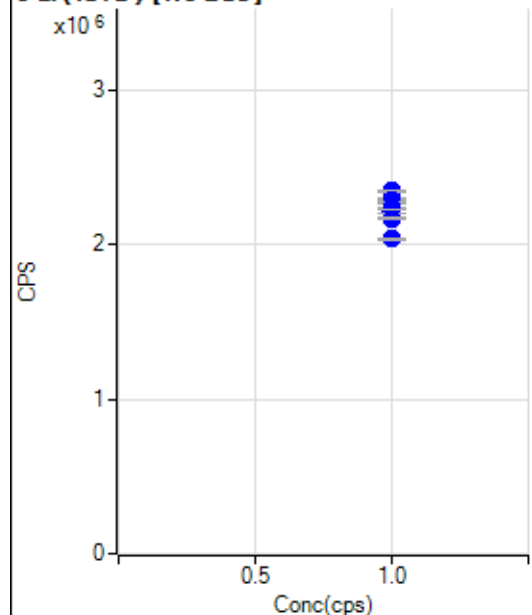
$$R = 0.9997$$

$$DL = 0.002264$$

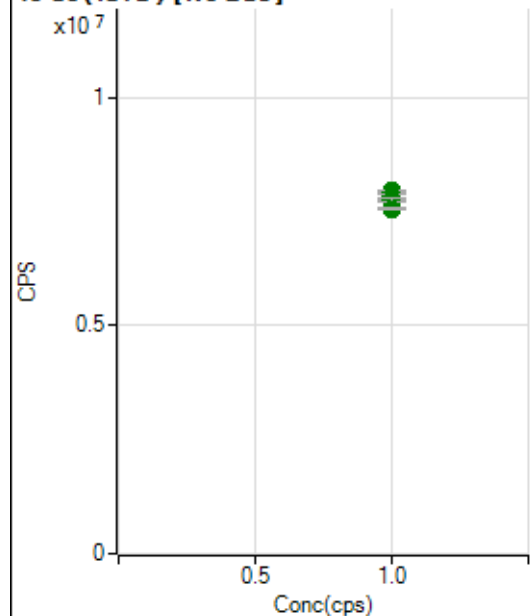
$$BEC = 0.005484$$

Weight: <None>

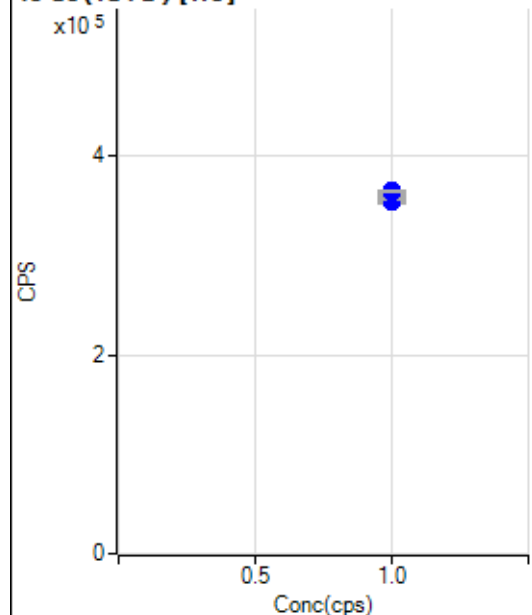
Min Conc: 0

6 Li (ISTD) [No Gas]

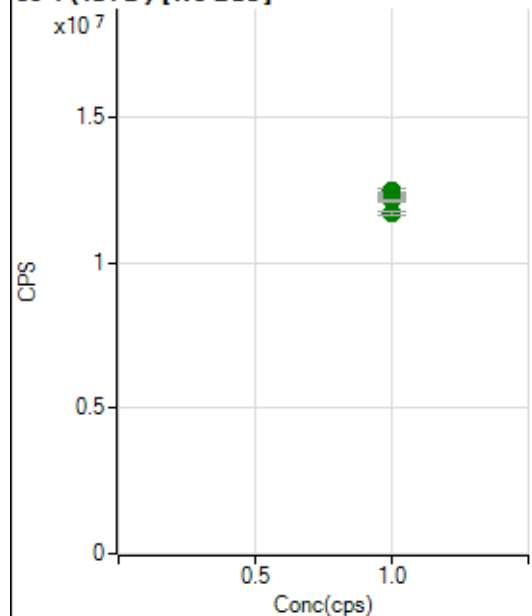
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2286799.74		P	0.8
2	☐	1.000					
3	☐	1.000		2347787.67		P	0.5
4	☐	1.000		2294358.87		P	0.3
5	☐	1.000		2272849.34		P	0.5
6	☐	1.000		2237146.91		P	0.3
7	☐	1.000		2211276.72		P	0.9
8	☐	1.000		2170719.72		P	0.6
9	☐	1.000		2036486.83		P	0.3

45 Sc (ISTD) [No Gas]

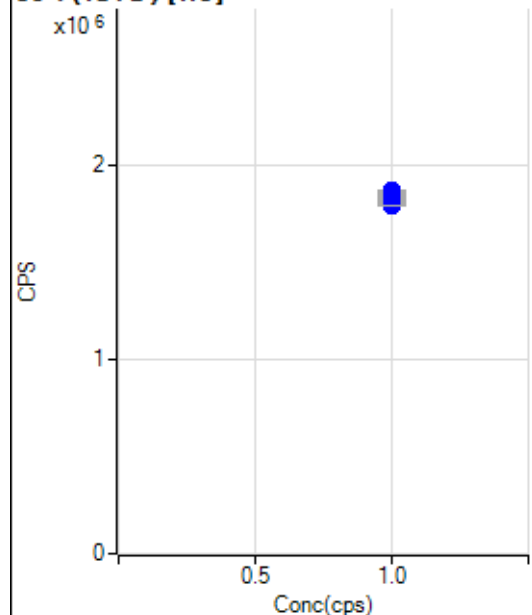
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7784491.23		A	0.6
2	☐	1.000					
3	☐	1.000		7945495.58		A	0.5
4	☐	1.000		7921144.79		A	1.0
5	☐	1.000		7923709.47		A	1.0
6	☐	1.000		7834064.50		A	0.9
7	☐	1.000		7763733.59		A	0.4
8	☐	1.000		7746137.67		A	1.0
9	☐	1.000		7544369.35		A	0.7

45 Sc (ISTD) [He]

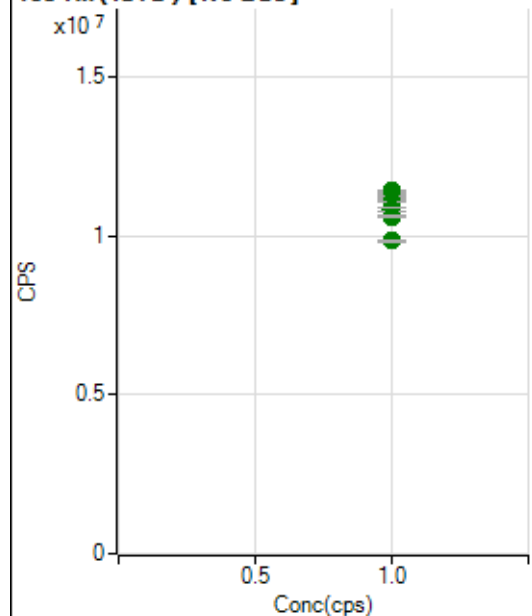
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		362912.27		P	0.6
2	☐	1.000					
3	☐	1.000		363099.22		P	0.4
4	☐	1.000		364205.47		P	0.3
5	☐	1.000		365176.66		P	0.5
6	☐	1.000		358243.03		P	0.6
7	☐	1.000		353319.70		P	0.9
8	☐	1.000		357052.16		P	0.5
9	☐	1.000		364270.21		P	0.6

89 Y (ISTD) [No Gas]

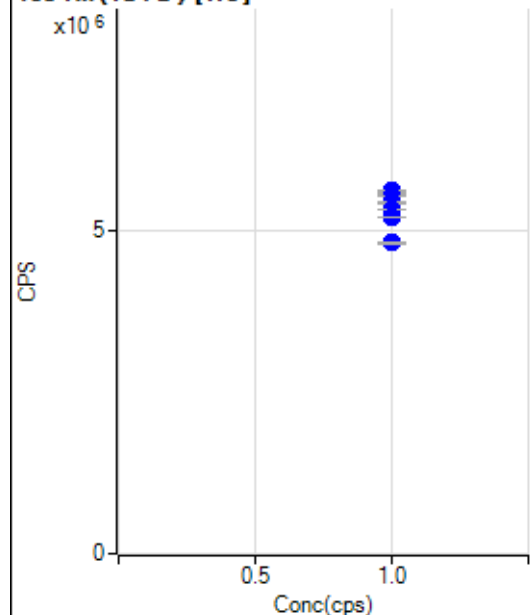
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12137973.99		A	0.3
2	☐	1.000					
3	☐	1.000		12471328.56		A	0.9
4	☐	1.000		12384776.20		A	0.8
5	☐	1.000		12419183.15		A	0.4
6	☐	1.000		12266712.18		A	0.9
7	☐	1.000		12177861.35		A	0.3
8	☐	1.000		12141771.35		A	0.2
9	☐	1.000		11699080.38		A	1.2

89 Y(ISTD) [He]

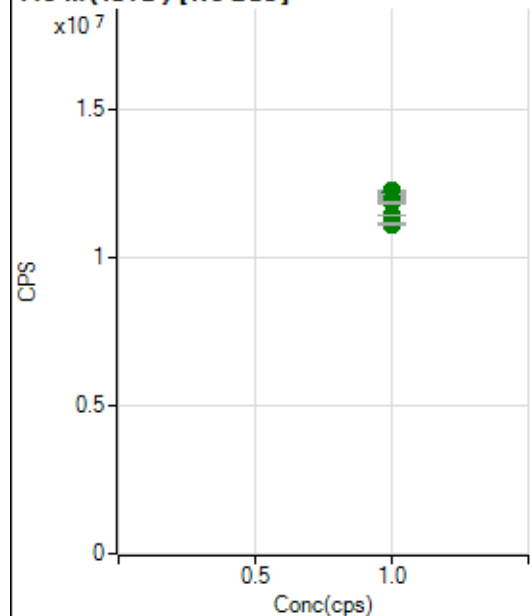
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1837709.85		P	0.5
2	☐	1.000					
3	☐	1.000		1837359.57		P	0.5
4	☐	1.000		1864624.28		P	0.2
5	☐	1.000		1849141.05		P	0.2
6	☐	1.000		1829195.67		P	0.4
7	☐	1.000		1807656.79		P	0.9
8	☐	1.000		1803406.33		P	0.4
9	☐	1.000		1791729.25		P	0.2

103 Rh(ISTD) [No Gas]

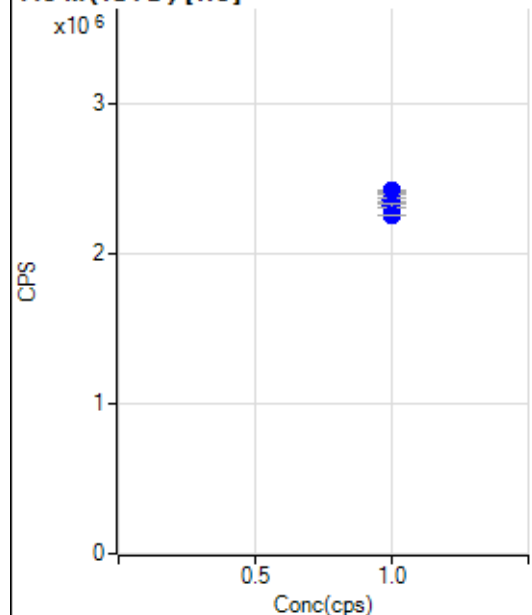
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11165363.79		A	0.7
2	☐	1.000					
3	☐	1.000		11404707.46		A	0.4
4	☐	1.000		11280676.64		A	0.4
5	☐	1.000		11215683.67		A	0.9
6	☐	1.000		11069304.93		A	0.3
7	☐	1.000		10823234.36		A	0.7
8	☐	1.000		10604487.48		A	0.5
9	☐	1.000		9832380.43		A	0.6

103 Rh (ISTD) [He]

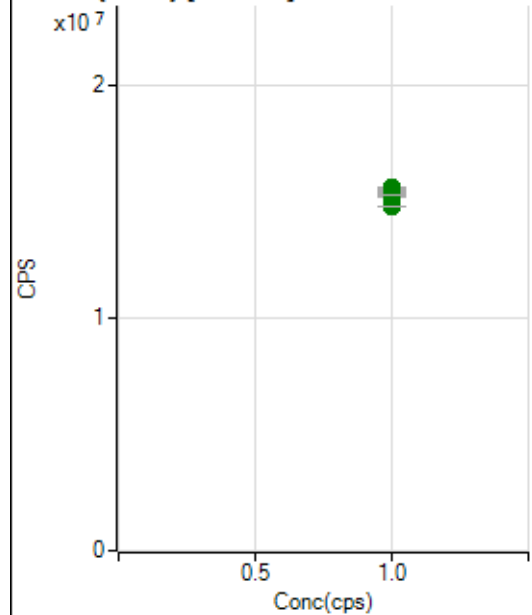
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5578138.60		P	0.6
2	☐	1.000					
3	☐	1.000		5582880.96		P	0.6
4	☐	1.000		5619031.72		P	0.3
5	☐	1.000		5535432.63		P	0.1
6	☐	1.000		5435374.02		P	0.3
7	☐	1.000		5329180.20		P	0.4
8	☐	1.000		5216466.73		P	0.3
9	☐	1.000		4814294.48		P	0.4

115 In (ISTD) [No Gas]

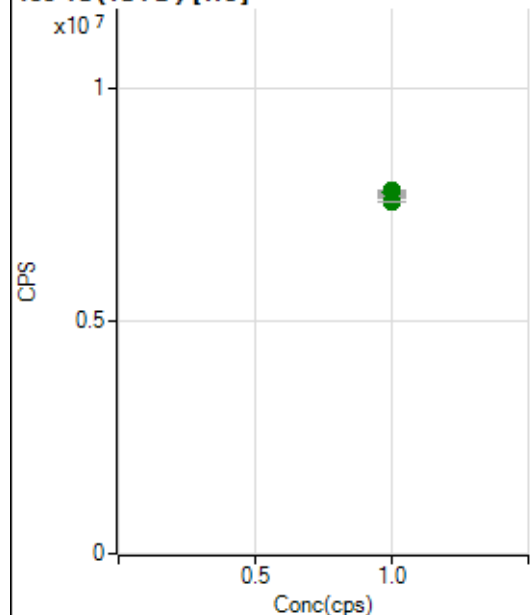
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12003066.95		A	0.2
2	☐	1.000					
3	☐	1.000		12273767.93		A	0.6
4	☐	1.000		12202082.83		A	1.2
5	☐	1.000		12154434.34		A	0.7
6	☐	1.000		11983777.24		A	0.2
7	☐	1.000		11891932.73		A	0.3
8	☐	1.000		11438985.44		A	0.2
9	☐	1.000		11138468.12		A	0.7

115 In (ISTD) [He]

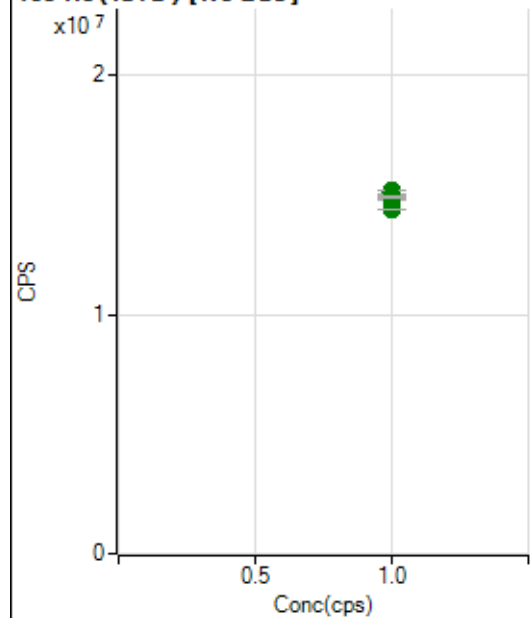
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2412574.28		P	0.6
2	☐	1.000					
3	☐	1.000		2411306.48		P	0.3
4	☐	1.000		2421968.43		P	0.5
5	☐	1.000		2402009.11		P	0.1
6	☐	1.000		2360252.68		P	0.8
7	☐	1.000		2325608.33		P	1.0
8	☐	1.000		2261214.71		P	0.2
9	☐	1.000		2255967.78		P	0.2

159 Tb (ISTD) [No Gas]

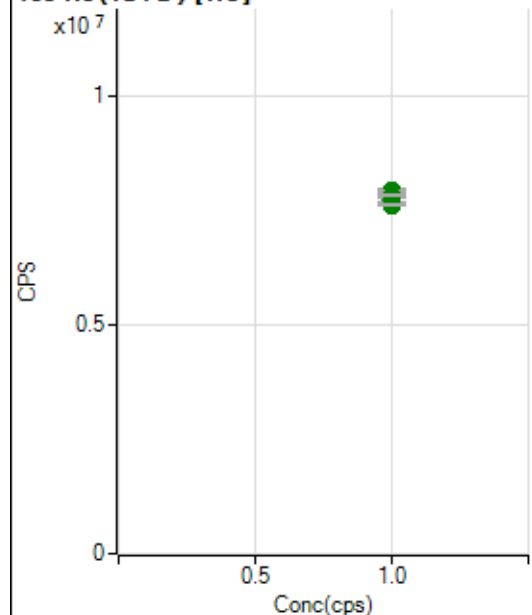
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15261593.38		A	0.5
2	☐	1.000					
3	☐	1.000		15565888.10		A	0.5
4	☐	1.000		15595281.30		A	0.4
5	☐	1.000		15623448.24		A	0.6
6	☐	1.000		15502505.46		A	0.6
7	☐	1.000		15419792.83		A	0.6
8	☐	1.000		15340672.13		A	0.1
9	☐	1.000		14832382.42		A	0.2

159 Tb (ISTD) [He]

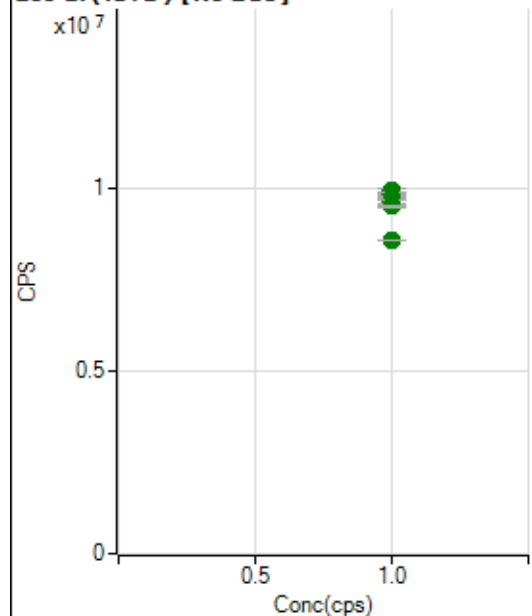
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7712290.02		A	0.6
2	☐	1.000					
3	☐	1.000		7791208.36		A	0.2
4	☐	1.000		7804218.36		A	0.6
5	☐	1.000		7805010.79		A	0.5
6	☐	1.000		7775147.04		A	0.7
7	☐	1.000		7722075.51		A	0.4
8	☐	1.000		7672507.66		A	0.3
9	☐	1.000		7569366.21		A	0.3

165 Ho (ISTD) [No Gas]

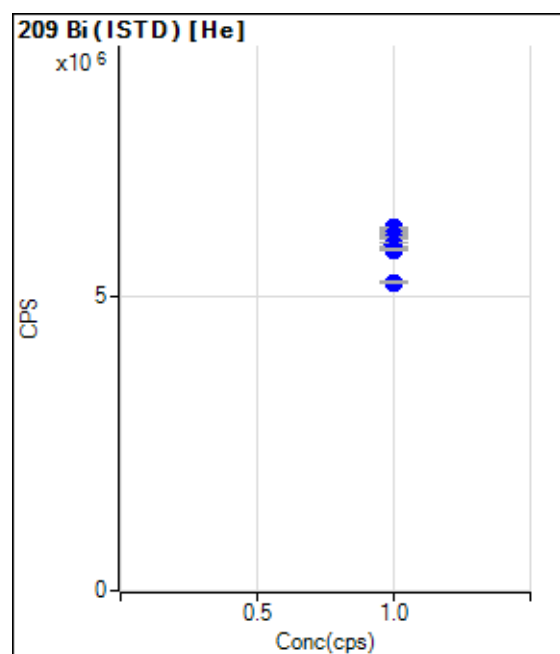
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14813592.17		A	0.6
2	☐	1.000					
3	☐	1.000		15182927.42		A	0.1
4	☐	1.000		14952064.22		A	0.7
5	☐	1.000		15146174.64		A	1.2
6	☐	1.000		14989109.02		A	0.4
7	☐	1.000		14948527.07		A	0.4
8	☐	1.000		14932176.90		A	1.0
9	☐	1.000		14427910.39		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7772545.44		A	0.5
2	☐	1.000					
3	☐	1.000		7842895.30		A	0.2
4	☐	1.000		7916791.69		A	1.0
5	☐	1.000		7912613.70		A	0.4
6	☐	1.000		7799687.80		A	0.8
7	☐	1.000		7741097.24		A	1.3
8	☐	1.000		7817734.19		A	0.8
9	☐	1.000		7603120.72		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9873877.01		A	0.5
2	☐	1.000					
3	☐	1.000		9948506.59		A	1.1
4	☐	1.000		9915608.39		A	0.4
5	☐	1.000		9865129.09		A	0.7
6	☐	1.000		9733407.22		A	0.1
7	☐	1.000		9665440.90		A	1.0
8	☐	1.000		9532924.02		A	0.7
9	☐	1.000		8589797.65		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6120623.52		P	0.2
2	☐	1.000					
3	☐	1.000		6046373.59		P	0.2
4	☐	1.000		6162971.23		P	0.2
5	☐	1.000		6056710.88		P	0.2
6	☐	1.000		5990511.79		P	0.2
7	☐	1.000		5879518.94		P	0.6
8	☐	1.000		5783869.85		P	0.5
9	☐	1.000		5235397.56		P	0.4

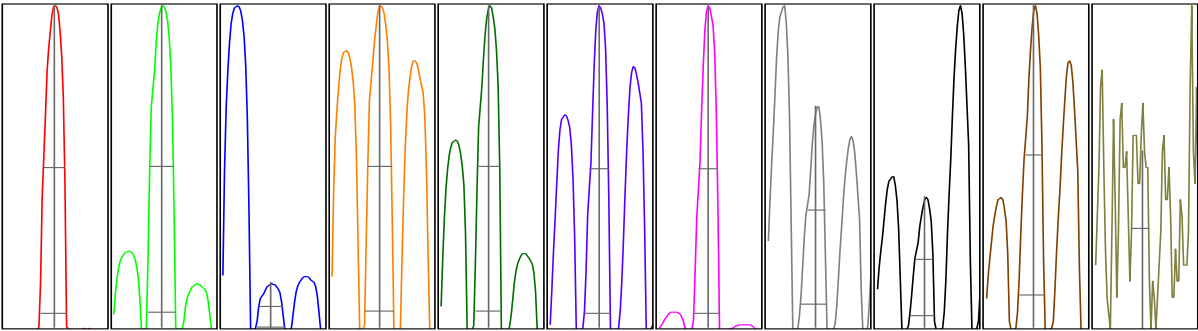
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7042817-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	104966	0.34	5.00	
24	3309672	0.64	5.00	
25	458716	0.45	5.00	
26	540335	0.53	5.00	
59	1001088	0.66	5.00	
113	157336	0.40	5.00	
115	2394308	0.63	5.00	
206	343014	0.75	5.00	
207	301399	0.49	5.00	
208	722833	0.56	5.00	
220	8	33.93		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	104904	104517	104985	104910	105512
24	3324517	3273706	3309062	3325663	3315414
25	456931	456369	459854	459138	461289
26	538231	537463	544722	539943	541315
59	994264	993892	1003860	1004835	1008589
113	156701	157078	157089	157465	158346
115	2380600	2383052	2394632	2394420	2418838
206	338731	343764	343129	345723	343721
207	299058	301271	301856	303109	301702
208	716368	724201	721522	725561	726514
220	7	4	9	9	11

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	17745	9.00	8.9 - 9.1		0.779	0.900	
24	516949	23.95	23.9 - 24.1		0.832	0.900	
25	72544	24.95	24.9 - 25.1		0.829	0.900	
26	84296	25.95	25.9 - 26.1		0.833	0.900	
59	168319	58.95	58.9 - 59.1		0.783	0.900	
113	29794	113.00	112.9 - 113.1		0.746	0.900	
115	454818	115.00	114.9 - 115.1		0.737	0.900	
206	66945	205.95	205.9 - 206.1		0.752	0.900	
207	58039	206.95	206.9 - 207.1		0.705	0.900	
208	142406	207.95	207.9 - 208.1		0.747	0.900	
220	1	219.95	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.4	V			
Extract 2	-175.0	V	Cell Entrance	-30	V			
Omega Bias	-80	V	Cell Exit	-50	V			
Deflect	12.6	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	180	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	268016	0.32	
89	190336	0.37	
205	316779	0.19	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	267231	268889	267644	267313	269001
89	189706	190869	189582	190344	191180
205	316089	316770	317000	316393	317644

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V			
Extract 2	-190.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.2	V						

Cell Parameters

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

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.08	-0.02	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.08	-0.05	-0.03	0.00	N/A	ppb
Boron	10-1	-0.02	0.07	-0.05	0.00	N/A	ppb
Cadmium	106-1	0.13	-0.36	0.23	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.03	0.02	0.00	N/A	ppb
Calcium	43-1	1.26	-0.13	-1.13	0.00	N/A	ppb
Calcium	44-1	0.53	-0.29	-0.24	0.00	N/A	ppb
Chromium	52-2	-0.03	0.00	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.01	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	-0.05	0.06	-0.01	0.00	N/A	ppb
Iron	57-2	0.29	0.06	-0.35	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	0.02	0.01	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	0.00	-0.03	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	9.33	1.82	-3.73	2.47	264.95	ppb
Potassium	39-2	-1.40	-0.15	1.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.10	-0.10	0.20	0.00	N/A	ppb
Selenium	78-2	-0.28	0.22	0.05	0.00	N/A	ppb
Selenium	82-1	-0.93	0.49	0.44	0.00	N/A	ppb
Silicon	28-1	-0.33	0.43	-0.10	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.53	-1.28	0.76	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	136.67	179.45	149.23	155.12	14.17	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.08	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

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

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 15:58:07 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.33	16.50	17.44	17.09	2.99	ppb
Antimony	121-1	1.80	1.84	1.81	1.82	1.09	ppb
Arsenic	75-2	0.81	0.89	0.90	0.87	6.03	ppb
Barium	135-1	9.02	9.11	8.88	9.00	1.27	ppb
Barium	137-1	9.13	8.92	8.96	9.00	1.24	ppb
Beryllium	9-1	0.80	0.99	0.89	0.89	10.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	21.12	21.62	21.03	21.26	1.50	ppb
Boron	10-1	20.29	20.82	21.44	20.85	2.77	ppb
Cadmium	106-1	1.33	1.58	1.93	1.61	18.72	ppb
Cadmium	108-1	0.99	1.17	0.91	1.02	12.99	ppb
Cadmium	111-1	0.96	0.95	1.01	0.97	3.39	ppb
Calcium	43-1	435.44	430.87	441.00	435.77	1.16	ppb
Calcium	44-1	431.03	432.10	427.02	430.05	0.62	ppb
Chromium	52-2	1.96	2.01	1.92	1.96	2.17	ppb
Cobalt	59-2	0.92	0.94	0.97	0.94	2.53	ppb
Copper	63-2	2.24	2.29	2.33	2.29	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	45.22	45.61	45.46	45.43	0.44	ppb
Iron	57-2	44.93	50.13	47.07	47.38	5.52	ppb
Lead	206-1	1.09	1.07	1.13	1.10	2.72	ppb
Lead	207-1	1.06	1.07	1.09	1.07	1.55	ppb
Lead	208-1	1.06	1.09	1.11	1.09	2.47	ppb
Lithium	6-1				103		%
Magnesium	24-2	444.57	447.02	440.45	444.02	0.75	ppb
Manganese	55-2	0.89	0.94	0.95	0.93	3.41	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:58:07	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.12	4.17	4.06	4.12	1.36	ppb
Molybdenum	94-1	1.86	1.81	1.76	1.81	2.75	ppb
Molybdenum	95-1	4.21	4.34	4.21	4.26	1.77	ppb
Molybdenum	96-1	3.59	3.65	3.56	3.60	1.26	ppb
Molybdenum	97-1	4.20	4.32	4.08	4.20	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.04	0.89	0.98	8.29	ppb
Phosphorus	31-2	-2.30	-5.74	0.61	-2.47		ppb
Potassium	39-2	432.13	439.47	445.31	438.97	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	5.73	6.07	4.79	5.53	12.00	ppb
Selenium	78-2	4.70	4.79	6.19	5.23	15.94	ppb
Selenium	82-1	4.31	3.95	3.61	3.95	8.83	ppb
Silicon	28-1	9.12	7.73	9.22	8.69	9.62	ppb
Silver	109-1	1.18	1.24	1.24	1.22	2.64	ppb
Silver	107-1	1.22	1.24	1.27	1.24	1.99	ppb
Sodium	23-2	451.59	454.33	452.95	452.96	0.30	ppb
Strontium	86-1	0.86	0.74	0.67	0.76	12.89	ppb
Strontium	88-1	0.80	0.80	0.80	0.80	0.13	ppb
Sulfur	34-1	-158.16	-214.04	-93.17	-155.12		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.88	0.91	0.90	1.66	ppb
Thallium	205-1	0.88	0.87	0.89	0.88	1.14	ppb
Tin	118-1	4.43	4.47	4.42	4.44	0.62	ppb
Titanium	47-1	4.61	4.39	4.48	4.49	2.47	ppb
Uranium	238-1	0.83	0.81	0.82	0.82	1.12	ppb
Vanadium	51-2	4.46	4.47	4.54	4.49	0.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1.87	1.66	1.82	1.78	5.99	ppb
Zirconium	90-1	0.78	0.76	0.74	0.76	2.82	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:58:07	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.82	0.77	0.81	4.90	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:01:56 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	960.58	952.10	943.59	952.09	0.89	ppb
Antimony	121-1	43.01	41.49	40.37	41.62	3.18	ppb
Arsenic	75-2	50.04	49.38	49.28	49.57	0.83	ppb
Barium	135-1	245.81	245.52	246.43	245.92	0.19	ppb
Barium	137-1	249.08	251.93	249.83	250.28	0.59	ppb
Beryllium	9-1	51.46	51.39	50.55	51.13	0.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	48.05	49.22	50.61	49.29	2.59	ppb
Boron	10-1	50.35	50.63	50.41	50.46	0.29	ppb
Cadmium	106-1	50.93	51.24	51.02	51.07	0.31	ppb
Cadmium	108-1	51.42	50.63	51.82	51.29	1.18	ppb
Cadmium	111-1	51.41	51.77	51.57	51.59	0.35	ppb
Calcium	43-1	4823.45	4887.30	4925.19	4878.65	1.05	ppb
Calcium	44-1	4853.86	4844.22	4894.36	4864.15	0.55	ppb
Chromium	52-2	50.31	50.63	50.88	50.61	0.56	ppb
Cobalt	59-2	52.50	52.70	52.50	52.57	0.22	ppb
Copper	63-2	104.84	104.87	104.74	104.82	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2532.19	2529.74	2561.90	2541.28	0.70	ppb
Iron	57-2	2534.59	2535.22	2555.44	2541.75	0.47	ppb
Lead	206-1	48.83	48.41	48.22	48.49	0.65	ppb
Lead	207-1	48.17	47.67	47.77	47.87	0.55	ppb
Lead	208-1	48.55	48.09	47.95	48.20	0.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	5028.51	4984.85	4996.08	5003.14	0.45	ppb
Manganese	55-2	101.25	102.45	102.18	101.96	0.62	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:01:56	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.02	47.82	47.68	47.84	0.36	ppb
Molybdenum	94-1	48.76	48.71	48.02	48.50	0.85	ppb
Molybdenum	95-1	48.47	47.99	47.74	48.06	0.77	ppb
Molybdenum	96-1	48.03	48.01	48.06	48.03	0.06	ppb
Molybdenum	97-1	49.03	48.11	48.17	48.44	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.76	53.07	52.99	52.94	0.31	ppb
Phosphorus	31-2	1022.57	1096.60	1059.91	1059.69	3.49	ppb
Potassium	39-2	2447.02	2427.92	2432.94	2435.96	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	48.56	54.21	47.63	50.14	7.11	ppb
Selenium	78-2	52.84	49.09	52.22	51.38	3.91	ppb
Selenium	82-1	50.40	51.03	49.78	50.40	1.24	ppb
Silicon	28-1	61.83	62.72	64.98	63.18	2.57	ppb
Silver	109-1	50.98	51.20	50.64	50.94	0.56	ppb
Silver	107-1	51.28	51.50	51.74	51.51	0.45	ppb
Sodium	23-2	5013.70	5037.65	5050.36	5033.90	0.37	ppb
Strontium	86-1	49.00	49.61	50.15	49.59	1.16	ppb
Strontium	88-1	49.95	50.38	50.22	50.18	0.43	ppb
Sulfur	34-1	1057.64	1095.14	1285.41	1146.06	10.66	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.85	48.82	48.68	48.78	0.19	ppb
Thallium	205-1	49.56	49.55	49.03	49.38	0.62	ppb
Tin	118-1	50.25	49.44	49.41	49.70	0.96	ppb
Titanium	47-1	50.38	49.92	50.15	50.15	0.45	ppb
Uranium	238-1	46.70	46.49	46.32	46.51	0.41	ppb
Vanadium	51-2	49.85	50.01	49.99	49.95	0.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	105.87	107.33	106.91	106.70	0.71	ppb
Zirconium	90-1	49.14	48.71	48.95	48.93	0.44	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:01:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.08	48.13	48.08	48.43	1.16	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:05:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2333.69	2374.92	2355.99	2354.86	0.88	ppb
Antimony	121-1	115.46	113.31	112.32	113.70	1.41	ppb
Arsenic	75-2	122.16	123.73	123.49	123.13	0.69	ppb
Barium	135-1	609.97	615.44	617.98	614.46	0.67	ppb
Barium	137-1	617.05	621.89	626.18	621.71	0.74	ppb
Beryllium	9-1	124.43	126.54	127.30	126.09	1.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	122.66	124.41	124.80	123.96	0.92	ppb
Boron	10-1	118.60	123.06	125.10	122.25	2.72	ppb
Cadmium	106-1	125.49	126.30	130.63	127.47	2.17	ppb
Cadmium	108-1	126.60	129.11	127.38	127.70	1.00	ppb
Cadmium	111-1	126.02	128.11	128.29	127.47	0.99	ppb
Calcium	43-1	11891.41	12043.86	11973.76	11969.68	0.64	ppb
Calcium	44-1	11958.67	12083.28	12046.25	12029.40	0.53	ppb
Chromium	52-2	125.40	124.37	125.05	124.94	0.42	ppb
Cobalt	59-2	127.02	127.24	127.99	127.42	0.40	ppb
Copper	63-2	255.86	253.77	255.89	255.17	0.48	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6154.46	6192.96	6258.57	6202.00	0.85	ppb
Iron	57-2	6173.70	6204.83	6223.75	6200.76	0.41	ppb
Lead	206-1	120.41	120.42	121.84	120.89	0.68	ppb
Lead	207-1	117.77	119.53	120.37	119.22	1.11	ppb
Lead	208-1	119.50	120.79	121.09	120.46	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	12382.99	12235.89	12245.36	12288.08	0.67	ppb
Manganese	55-2	249.27	249.48	250.22	249.66	0.20	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:05:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	119.86	119.82	119.02	119.56	0.40	ppb
Molybdenum	94-1	121.17	122.44	122.53	122.05	0.62	ppb
Molybdenum	95-1	121.22	120.67	120.61	120.83	0.28	ppb
Molybdenum	96-1	122.08	120.31	122.28	121.56	0.89	ppb
Molybdenum	97-1	120.67	121.60	121.84	121.37	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.82	127.35	128.27	127.81	0.36	ppb
Phosphorus	31-2	2584.06	2524.39	2646.78	2585.08	2.37	ppb
Potassium	39-2	6009.85	6026.93	6078.03	6038.27	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	141.36	124.90	124.34	130.20	7.43	ppb
Selenium	78-2	120.18	123.20	121.83	121.74	1.24	ppb
Selenium	82-1	125.35	124.46	124.01	124.61	0.55	ppb
Silicon	28-1	156.57	163.35	161.23	160.38	2.16	ppb
Silver	109-1	125.25	126.17	127.18	126.20	0.77	ppb
Silver	107-1	126.11	126.99	127.63	126.91	0.60	ppb
Sodium	23-2	12258.09	12086.09	12322.61	12222.26	1.00	ppb
Strontium	86-1	122.13	124.90	124.70	123.91	1.24	ppb
Strontium	88-1	123.78	124.20	123.15	123.71	0.43	ppb
Sulfur	34-1	2212.40	2389.22	2377.21	2326.27	4.25	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	121.81	123.00	123.98	122.93	0.89	ppb
Thallium	205-1	122.70	123.97	125.03	123.90	0.94	ppb
Tin	118-1	123.19	123.96	123.88	123.68	0.34	ppb
Titanium	47-1	123.49	125.87	120.91	123.43	2.01	ppb
Uranium	238-1	117.23	118.44	118.25	117.97	0.55	ppb
Vanadium	51-2	123.47	122.61	123.53	123.20	0.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	256.49	257.38	261.38	258.42	1.01	ppb
Zirconium	90-1	122.75	123.21	124.29	123.41	0.64	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:05:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	119.35	121.10	121.92	120.79	1.09	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4736.27	4704.32	4697.44	4712.68	0.44	ppb
Antimony	121-1	239.47	238.97	236.49	238.31	0.67	ppb
Arsenic	75-2	247.75	247.33	246.43	247.17	0.27	ppb
Barium	135-1	1228.54	1244.36	1246.17	1239.69	0.78	ppb
Barium	137-1	1239.44	1235.91	1243.95	1239.77	0.32	ppb
Beryllium	9-1	253.71	250.90	250.58	251.73	0.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	247.69	246.27	247.81	247.26	0.35	ppb
Boron	10-1	248.66	250.11	250.63	249.80	0.41	ppb
Cadmium	106-1	252.95	255.30	251.07	253.11	0.84	ppb
Cadmium	108-1	248.20	253.38	258.75	253.44	2.08	ppb
Cadmium	111-1	252.68	253.12	254.24	253.35	0.32	ppb
Calcium	43-1	24053.77	23478.75	24194.69	23909.07	1.59	ppb
Calcium	44-1	23622.31	23662.04	24321.71	23868.69	1.65	ppb
Chromium	52-2	251.26	250.43	249.27	250.32	0.40	ppb
Cobalt	59-2	257.78	254.53	254.69	255.67	0.72	ppb
Copper	63-2	514.71	510.03	508.90	511.21	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	12583.64	12363.70	12280.70	12409.35	1.26	ppb
Iron	57-2	12529.77	12429.34	12359.82	12439.64	0.69	ppb
Lead	206-1	245.15	243.37	243.27	243.93	0.43	ppb
Lead	207-1	241.68	240.76	241.07	241.17	0.19	ppb
Lead	208-1	244.82	243.96	244.15	244.31	0.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	24386.07	24374.21	24287.31	24349.20	0.22	ppb
Manganese	55-2	501.34	495.95	497.67	498.32	0.55	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	241.87	247.39	245.42	244.90	1.14	ppb
Molybdenum	94-1	246.03	249.06	247.50	247.53	0.61	ppb
Molybdenum	95-1	245.62	248.40	246.70	246.91	0.57	ppb
Molybdenum	96-1	244.48	248.59	246.12	246.40	0.84	ppb
Molybdenum	97-1	245.09	249.63	246.92	247.21	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.43	254.12	254.38	255.64	0.95	ppb
Phosphorus	31-2	5083.50	5184.39	5094.71	5120.87	1.08	ppb
Potassium	39-2	12230.85	12071.01	12052.52	12118.13	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	267.94	243.90	256.91	256.25	4.70	ppb
Selenium	78-2	250.68	250.76	256.31	252.58	1.28	ppb
Selenium	82-1	249.32	251.15	253.36	251.28	0.80	ppb
Silicon	28-1	321.47	321.84	329.86	324.39	1.46	ppb
Silver	109-1	249.45	251.01	252.61	251.02	0.63	ppb
Silver	107-1	250.89	253.50	255.20	253.20	0.86	ppb
Sodium	23-2	24542.64	24333.99	24223.20	24366.61	0.67	ppb
Strontium	86-1	248.31	250.20	250.66	249.72	0.50	ppb
Strontium	88-1	248.58	251.31	246.68	248.86	0.94	ppb
Sulfur	34-1	4798.11	4672.46	4848.75	4773.11	1.90	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	247.42	247.18	247.56	247.39	0.08	ppb
Thallium	205-1	248.01	247.68	248.15	247.95	0.10	ppb
Tin	118-1	247.70	246.83	249.98	248.17	0.66	ppb
Titanium	47-1	247.37	265.56	250.83	254.59	3.79	ppb
Uranium	238-1	241.80	240.99	240.17	240.99	0.34	ppb
Vanadium	51-2	249.94	248.11	246.69	248.25	0.66	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	517.55	513.25	512.77	514.53	0.51	ppb
Zirconium	90-1	246.70	244.69	248.84	246.74	0.84	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	239.63	246.48	243.51	243.21	1.41	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9103.61	9260.43	9241.50	9201.85	0.93	ppb
Antimony	121-1	486.80	484.09	486.39	485.76	0.30	ppb
Arsenic	75-2	486.84	490.79	487.76	488.46	0.42	ppb
Barium	135-1	2421.48	2429.62	2451.49	2434.20	0.64	ppb
Barium	137-1	2457.03	2407.82	2471.96	2445.60	1.37	ppb
Beryllium	9-1	498.58	489.26	488.78	492.21	1.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	480.18	482.55	489.52	484.08	1.00	ppb
Boron	10-1	487.42	481.83	494.99	488.08	1.35	ppb
Cadmium	106-1	498.76	497.51	492.46	496.24	0.67	ppb
Cadmium	108-1	500.46	499.69	495.35	498.50	0.55	ppb
Cadmium	111-1	501.58	491.87	496.77	496.74	0.98	ppb
Calcium	43-1	47046.27	47343.91	47709.67	47366.62	0.70	ppb
Calcium	44-1	47668.45	47707.36	47520.41	47632.07	0.21	ppb
Chromium	52-2	488.81	493.87	493.67	492.12	0.58	ppb
Cobalt	59-2	497.41	502.57	504.46	501.48	0.73	ppb
Copper	63-2	993.51	1000.64	998.39	997.51	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	24266.68	24635.88	24505.86	24469.47	0.77	ppb
Iron	57-2	24234.50	24615.62	24585.83	24478.65	0.87	ppb
Lead	206-1	487.06	482.45	482.95	484.15	0.52	ppb
Lead	207-1	482.03	477.05	475.67	478.25	0.70	ppb
Lead	208-1	486.69	484.71	481.99	484.46	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	48013.10	47551.21	48062.98	47875.76	0.59	ppb
Manganese	55-2	975.15	987.87	992.66	985.23	0.92	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	484.37	487.20	488.08	486.55	0.40	ppb
Molybdenum	94-1	487.93	497.33	486.99	490.75	1.17	ppb
Molybdenum	95-1	491.22	490.43	484.90	488.85	0.70	ppb
Molybdenum	96-1	489.61	490.95	487.25	489.27	0.38	ppb
Molybdenum	97-1	486.06	492.22	487.51	488.60	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.00	502.41	501.62	500.01	0.70	ppb
Phosphorus	31-2	9872.98	9924.24	9948.66	9915.29	0.39	ppb
Potassium	39-2	23279.26	23450.73	23559.20	23429.73	0.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	497.02	494.61	483.00	491.54	1.52	ppb
Selenium	78-2	485.30	485.59	493.07	487.99	0.90	ppb
Selenium	82-1	496.12	495.80	499.43	497.12	0.40	ppb
Silicon	28-1	496.36	509.04	513.82	506.41	1.78	ppb
Silver	109-1	495.22	492.53	496.04	494.60	0.37	ppb
Silver	107-1	494.90	494.18	496.07	495.05	0.19	ppb
Sodium	23-2	47881.40	47890.88	47907.43	47893.24	0.03	ppb
Strontium	86-1	488.70	492.04	490.01	490.25	0.34	ppb
Strontium	88-1	490.25	488.81	487.32	488.79	0.30	ppb
Sulfur	34-1	9664.22	9632.78	9868.89	9721.96	1.32	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	492.83	490.35	493.20	492.13	0.32	ppb
Thallium	205-1	486.97	490.55	492.68	490.07	0.59	ppb
Tin	118-1	493.06	488.14	493.53	491.58	0.61	ppb
Titanium	47-1	492.92	492.55	492.09	492.52	0.08	ppb
Uranium	238-1	481.80	485.62	480.97	482.80	0.51	ppb
Vanadium	51-2	489.18	492.69	491.17	491.02	0.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	999.45	1006.33	1007.61	1004.47	0.44	ppb
Zirconium	90-1	484.51	489.64	491.36	488.50	0.73	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.75	485.42	484.42	483.86	0.39	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:16:51 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18874.82	18528.20	18603.48	18668.83	0.98	ppb
Antimony	121-1	1018.59	1008.46	1008.58	1011.88	0.57	ppb
Arsenic	75-2	1000.56	1010.65	1008.98	1006.73	0.54	ppb
Barium	135-1	5085.58	4965.63	5059.80	5037.00	1.25	ppb
Barium	137-1	5071.96	4971.34	5047.17	5030.16	1.04	ppb
Beryllium	9-1	998.71	1000.38	1010.73	1003.27	0.65	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	992.58	1010.89	1023.24	1008.90	1.53	ppb
Boron	10-1	998.55	999.55	1021.20	1006.43	1.27	ppb
Cadmium	106-1	1001.36	992.81	1008.04	1000.74	0.76	ppb
Cadmium	108-1	993.10	991.92	1013.45	999.49	1.21	ppb
Cadmium	111-1	1002.79	992.09	1006.34	1000.41	0.74	ppb
Calcium	43-1	96439.79	96215.91	96263.03	96306.24	0.12	ppb
Calcium	44-1	96415.22	97355.71	95808.70	96526.55	0.81	ppb
Chromium	52-2	1003.99	1004.68	1002.83	1003.84	0.09	ppb
Cobalt	59-2	1016.95	984.75	990.54	997.41	1.72	ppb
Copper	63-2	2009.41	1994.55	1988.69	1997.55	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	49989.14	49569.83	49573.40	49710.79	0.48	ppb
Iron	57-2	50279.29	49449.79	49557.46	49762.18	0.91	ppb
Lead	206-1	1009.06	1007.39	1013.64	1010.03	0.32	ppb
Lead	207-1	1019.58	999.92	1022.24	1013.91	1.20	ppb
Lead	208-1	1014.68	998.32	1016.55	1009.85	0.99	ppb
Lithium	6-1				95		%
Magnesium	24-2	97600.81	95290.87	95343.27	96078.32	1.37	ppb
Manganese	55-2	2018.01	2005.10	2000.14	2007.75	0.46	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:16:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1004.94	1015.23	1006.21	1008.79	0.56	ppb
Molybdenum	94-1	1003.89	1012.43	1000.79	1005.70	0.60	ppb
Molybdenum	95-1	1008.81	1003.34	1008.76	1006.97	0.31	ppb
Molybdenum	96-1	1003.32	1000.92	1016.17	1006.80	0.81	ppb
Molybdenum	97-1	1006.13	1007.18	1007.50	1006.93	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.60	995.73	990.92	998.09	0.86	ppb
Phosphorus	31-2	20095.79	20084.42	19815.34	19998.52	0.79	ppb
Potassium	39-2	48420.54	47762.85	47533.00	47905.46	0.96	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	1028.05	995.70	982.26	1002.01	2.35	ppb
Selenium	78-2	992.88	1003.34	1020.87	1005.70	1.41	ppb
Selenium	82-1	1002.14	994.16	1007.16	1001.15	0.65	ppb
Silicon	28-1	975.00	970.22	974.17	973.13	0.26	ppb
Silver	109-1	1004.31	987.73	1014.70	1002.25	1.36	ppb
Silver	107-1	999.29	1001.19	1003.60	1001.36	0.22	ppb
Sodium	23-2	98361.44	96417.58	96220.00	96999.67	1.22	ppb
Strontium	86-1	1006.98	999.64	1008.68	1005.10	0.48	ppb
Strontium	88-1	1001.61	1005.17	1011.35	1006.04	0.49	ppb
Sulfur	34-1	20262.29	20333.19	20034.98	20210.15	0.77	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1007.05	1003.57	1004.10	1004.91	0.19	ppb
Thallium	205-1	1008.97	998.78	1009.20	1005.65	0.59	ppb
Tin	118-1	1005.09	1005.82	1003.64	1004.85	0.11	ppb
Titanium	47-1	1013.18	997.57	997.60	1002.78	0.90	ppb
Uranium	238-1	1021.59	998.05	1016.08	1011.91	1.22	ppb
Vanadium	51-2	1008.72	1003.89	1002.87	1005.16	0.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2005.51	1979.34	1993.40	1992.75	0.66	ppb
Zirconium	90-1	1005.84	1012.35	1002.25	1006.81	0.51	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:16:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1012.24	1002.34	1016.54	1010.37	0.72	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100121.84	100141.27	100830.46	100364.52	0.40	ppb
Antimony	121-1	4.82	5.22	5.70	5.24	8.39	ppb
Arsenic	75-2	1.44	1.52	1.47	1.48	2.61	ppb
Barium	135-1	2.34	2.32	2.25	2.30	1.94	ppb
Barium	137-1	2.54	2.30	2.26	2.36	6.41	ppb
Beryllium	9-1	0.21	0.19	0.19	0.19	7.40	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	11-1	31.39	28.52	26.41	28.77	8.68	ppb
Boron	10-1	31.39	27.82	27.80	29.00	7.12	ppb
Cadmium	106-1	0.87	0.34	0.39	0.53	54.14	ppb
Cadmium	108-1	0.28	0.15	0.07	0.16	64.37	ppb
Cadmium	111-1	0.24	0.18	0.17	0.20	17.97	ppb
Calcium	43-1	498297.38	501140.13	503776.00	501071.17	0.55	ppb
Calcium	44-1	497409.15	504371.01	501223.57	501001.24	0.70	ppb
Chromium	52-2	19.41	19.66	19.47	19.52	0.66	ppb
Cobalt	59-2	1.24	1.34	1.27	1.28	3.83	ppb
Copper	63-2	2.71	2.77	2.74	2.74	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	251509.01	250993.32	247846.32	250116.22	0.79	ppb
Iron	57-2	251017.76	249894.62	249398.21	250103.53	0.33	ppb
Lead	206-1	2.24	2.22	2.23	2.23	0.48	ppb
Lead	207-1	2.02	2.01	2.06	2.03	1.27	ppb
Lead	208-1	2.12	2.11	2.13	2.12	0.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	504018.03	501138.11	497947.72	501034.62	0.61	ppb
Manganese	55-2	7.38	7.17	7.15	7.24	1.76	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.61	5.18	5.56	5.12	9.37	ppb
Molybdenum	94-1	1.69	1.73	1.90	1.78	6.15	ppb
Molybdenum	95-1	4.63	5.12	5.57	5.11	9.21	ppb
Molybdenum	96-1	4.58	4.75	5.22	4.85	6.84	ppb
Molybdenum	97-1	4.81	5.13	5.51	5.15	6.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.06	11.79	11.68	11.84	1.67	ppb
Phosphorus	31-2	20.82	18.43	0.29	13.18	85.21	ppb
Potassium	39-2	249831.31	250717.60	251254.34	250601.08	0.29	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	1.79	2.11	1.47	1.79	17.78	ppb
Selenium	78-2	2.81	0.93	1.96	1.90	49.43	ppb
Selenium	82-1	0.02	-0.85	0.21	-0.21		ppb
Silicon	28-1	43.80	44.08	44.50	44.12	0.80	ppb
Silver	109-1	0.18	0.17	0.16	0.17	5.58	ppb
Silver	107-1	0.19	0.19	0.16	0.18	8.45	ppb
Sodium	23-2	501309.66	503249.78	497987.75	500849.06	0.53	ppb
Strontium	86-1	29.77	29.31	29.62	29.57	0.80	ppb
Strontium	88-1	30.32	29.83	29.65	29.94	1.16	ppb
Sulfur	34-1	-1094.59	-926.58	-818.65	-946.61		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.42	0.38	0.37	0.39	5.93	ppb
Thallium	205-1	0.44	0.38	0.39	0.40	8.07	ppb
Tin	118-1	0.97	1.07	1.21	1.08	11.20	ppb
Titanium	47-1	0.84	0.94	0.93	0.90	5.95	ppb
Uranium	238-1	0.25	0.22	0.22	0.23	8.86	ppb
Vanadium	51-2	0.36	0.34	0.35	0.35	2.39	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	7.70	7.68	7.96	7.78	2.01	ppb
Zirconium	90-1	0.25	0.23	0.25	0.24	5.28	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.27	0.24	0.25	6.84	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:24:25	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	492.66	490.13	485.26	489.35	0.77	ppb
Antimony	121-1	204.67	204.32	200.30	203.10	1.19	ppb
Arsenic	75-2	202.35	202.05	201.26	201.89	0.28	ppb
Barium	135-1	100.26	99.44	99.76	99.82	0.42	ppb
Barium	137-1	101.19	101.63	101.40	101.41	0.22	ppb
Beryllium	9-1	98.59	98.92	100.00	99.17	0.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	516.94	521.85	514.81	517.87	0.70	ppb
Boron	10-1	516.54	532.73	522.09	523.78	1.57	ppb
Cadmium	106-1	179.64	185.33	176.87	180.62	2.39	ppb
Cadmium	108-1	149.47	147.58	147.26	148.10	0.81	ppb
Cadmium	111-1	106.51	107.77	106.46	106.91	0.70	ppb
Calcium	43-1	2139.45	2162.35	2203.95	2168.58	1.51	ppb
Calcium	44-1	2051.25	2083.30	2067.78	2067.45	0.78	ppb
Chromium	52-2	96.87	96.08	95.85	96.27	0.56	ppb
Cobalt	59-2	100.82	101.45	101.36	101.21	0.34	ppb
Copper	63-2	100.60	101.34	100.92	100.95	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	986.36	987.66	986.05	986.69	0.09	ppb
Iron	57-2	988.26	988.29	985.71	987.42	0.15	ppb
Lead	206-1	197.55	196.52	193.99	196.02	0.93	ppb
Lead	207-1	186.73	185.15	183.25	185.04	0.94	ppb
Lead	208-1	193.84	192.09	190.75	192.23	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	1177.62	1193.76	1178.80	1183.40	0.76	ppb
Manganese	55-2	97.61	97.37	97.47	97.48	0.13	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:24:25	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	462.07	462.42	467.47	463.98	0.65	ppb
Molybdenum	94-1	463.99	466.85	459.34	463.40	0.82	ppb
Molybdenum	95-1	464.70	466.27	459.78	463.58	0.73	ppb
Molybdenum	96-1	467.83	460.73	458.15	462.24	1.08	ppb
Molybdenum	97-1	468.28	463.35	461.15	464.26	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.04	102.33	102.08	102.15	0.15	ppb
Phosphorus	31-2	6.64	7.60	9.58	7.94	18.82	ppb
Potassium	39-2	1976.21	1983.95	1966.24	1975.47	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	211.37	205.38	193.93	203.56	4.35	ppb
Selenium	78-2	206.85	203.98	206.92	205.92	0.81	ppb
Selenium	82-1	202.03	201.78	200.95	201.59	0.28	ppb
Silicon	28-1	417.98	428.20	424.99	423.72	1.23	ppb
Silver	109-1	101.15	102.14	101.97	101.75	0.52	ppb
Silver	107-1	102.31	103.91	102.22	102.81	0.93	ppb
Sodium	23-2	2016.61	2029.76	2032.27	2026.21	0.41	ppb
Strontium	86-1	406.41	404.47	410.75	407.21	0.79	ppb
Strontium	88-1	413.99	413.76	414.24	414.00	0.06	ppb
Sulfur	34-1	-1269.55	-1126.39	-1204.29	-1200.08		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	200.15	198.31	195.20	197.89	1.26	ppb
Thallium	205-1	202.42	200.01	198.08	200.17	1.09	ppb
Tin	118-1	474.09	480.75	480.29	478.37	0.78	ppb
Titanium	47-1	463.78	467.37	469.72	466.96	0.64	ppb
Uranium	238-1	448.87	452.07	452.38	451.11	0.43	ppb
Vanadium	51-2	96.73	97.44	96.68	96.95	0.44	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	201.53	201.31	201.37	201.41	0.06	ppb
Zirconium	90-1	454.14	458.96	457.53	456.88	0.54	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:24:25	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	445.10	445.23	447.56	445.96	0.31	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:34:12 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.04	0.22	0.12	119.82	ppb
Antimony	121-1	0.58	0.92	1.15	0.89	32.51	ppb
Arsenic	75-2	0.21	0.19	0.23	0.21	10.39	ppb
Barium	135-1	0.00	0.00	0.01	0.00	204.28	ppb
Barium	137-1	0.01	0.01	-0.01	0.00	344.20	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	14.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	5.08	5.03	5.12	5.08	0.84	ppb
Boron	10-1	4.64	4.91	5.32	4.96	6.86	ppb
Cadmium	106-1	0.94	-0.24	0.37	0.36	164.34	ppb
Cadmium	108-1	-0.05	-0.02	-0.02	-0.03		ppb
Cadmium	111-1	0.07	-0.01	0.03	0.03	140.91	ppb
Calcium	43-1	-0.42	1.79	-1.48	-0.04		ppb
Calcium	44-1	1.81	0.92	0.45	1.06	64.98	ppb
Chromium	52-2	0.00	0.00	0.02	0.01	137.74	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.11	-0.10	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	0.78	0.79	0.74	0.77	3.66	ppb
Iron	57-2	0.26	0.86	0.89	0.67	53.16	ppb
Lead	206-1	0.09	0.10	0.10	0.10	6.04	ppb
Lead	207-1	0.06	0.08	0.09	0.08	16.34	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.07	0.77	0.37	0.74	47.74	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:34:12	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.20	0.26	0.41	0.29	36.41	ppb
Molybdenum	94-1	0.07	0.09	0.13	0.10	31.89	ppb
Molybdenum	95-1	0.15	0.26	0.34	0.25	38.14	ppb
Molybdenum	96-1	0.15	0.24	0.35	0.25	40.64	ppb
Molybdenum	97-1	0.20	0.33	0.32	0.28	26.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.13	0.07	74.30	ppb
Phosphorus	31-2	10.67	-2.84	-0.22	2.54	282.32	ppb
Potassium	39-2	10.51	11.78	12.22	11.50	7.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	1.06	0.48	0.48	0.68	49.66	ppb
Selenium	78-2	0.59	0.56	0.63	0.60	5.81	ppb
Selenium	82-1	-0.12	-0.55	-0.96	-0.54		ppb
Silicon	28-1	-1.53	-1.64	-1.84	-1.67		ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.15	ppb
Silver	107-1	0.01	0.00	0.00	0.01	67.95	ppb
Sodium	23-2	30.82	32.33	30.44	31.20	3.21	ppb
Strontium	86-1	-0.07	0.04	-0.08	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	336.32	ppb
Sulfur	34-1	-880.68	-826.03	-749.19	-818.63		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	14.88	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	5.30	ppb
Tin	118-1	0.06	0.09	0.15	0.10	47.87	ppb
Titanium	47-1	-0.02	0.00	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4644.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	-0.21	-0.11	-0.17	-0.16		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	36.82	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:34:12	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.03	60.84	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94337.96	93367.41	94484.95	94063.44	0.65	ppb
Antimony	121-1	1.54	1.60	1.68	1.61	4.41	ppb
Arsenic	75-2	0.58	0.49	0.50	0.52	9.18	ppb
Barium	135-1	1.51	1.49	1.60	1.53	4.05	ppb
Barium	137-1	1.59	1.60	1.63	1.61	1.05	ppb
Beryllium	9-1	0.34	0.31	0.32	0.32	4.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	6.39	6.60	6.09	6.36	4.03	ppb
Boron	10-1	6.46	6.50	6.75	6.57	2.36	ppb
Cadmium	106-1	0.42	-0.47	0.94	0.30	242.07	ppb
Cadmium	108-1	15.81	16.70	15.72	16.08	3.38	ppb
Cadmium	111-1	0.52	0.44	0.67	0.54	21.60	ppb
Calcium	43-1	97646.21	98337.82	97268.62	97750.88	0.55	ppb
Calcium	44-1	98839.55	98937.29	98066.99	98614.61	0.48	ppb
Chromium	52-2	19.77	19.67	20.19	19.87	1.40	ppb
Cobalt	59-2	1.22	1.19	1.16	1.19	2.15	ppb
Copper	63-2	8.12	8.00	8.32	8.15	1.99	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				101		%
Indium	115-2				100		%
Iron	56-2	100037.72	99165.33	100834.65	100012.57	0.83	ppb
Iron	57-2	99557.58	98360.28	100445.42	99454.43	1.05	ppb
Lead	206-1	4.81	4.76	4.74	4.77	0.80	ppb
Lead	207-1	4.11	4.08	4.09	4.09	0.39	ppb
Lead	208-1	4.41	4.39	4.34	4.38	0.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	99651.43	98766.69	100164.79	99527.64	0.71	ppb
Manganese	55-2	7.79	7.81	7.95	7.85	1.10	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2002.61	1962.87	2023.32	1996.27	1.54	ppb
Molybdenum	94-1	612.16	596.46	614.09	607.57	1.59	ppb
Molybdenum	95-1	1983.62	1953.73	2015.24	1984.20	1.55	ppb
Molybdenum	96-1	1643.97	1642.17	1664.80	1650.31	0.76	ppb
Molybdenum	97-1	2031.10	1978.71	2040.08	2016.63	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.57	5.76	5.67	1.68	ppb
Phosphorus	31-2	104129.70	103096.89	104201.99	103809.53	0.60	ppb
Potassium	39-2	100955.82	99452.83	100858.54	100422.40	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	1.08	-0.10	0.20	0.39	157.14	ppb
Selenium	78-2	1.00	1.02	0.18	0.73	65.85	ppb
Selenium	82-1	-0.30	-0.73	-0.73	-0.58		ppb
Silicon	28-1	24.69	24.98	23.14	24.27	4.08	ppb
Silver	109-1	0.08	0.11	0.12	0.10	17.48	ppb
Silver	107-1	0.10	0.10	0.11	0.10	5.89	ppb
Sodium	23-2	101512.35	100531.54	101610.94	101218.27	0.59	ppb
Strontium	86-1	29.37	29.14	29.58	29.36	0.75	ppb
Strontium	88-1	29.71	29.48	30.03	29.74	0.93	ppb
Sulfur	34-1	71745.94	72048.86	71124.95	71639.92	0.66	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.07	0.06	0.06	10.96	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	10.61	ppb
Tin	118-1	0.24	0.27	0.28	0.27	6.88	ppb
Titanium	47-1	2022.12	2010.36	1997.97	2010.15	0.60	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.48	ppb
Vanadium	51-2	0.16	0.18	0.19	0.18	8.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	12.53	12.07	12.12	12.24	2.05	ppb
Zirconium	90-1	0.20	0.20	0.21	0.20	3.21	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.19	0.23	0.21	8.65	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93067.53	92992.35	92513.00	92857.63	0.32	ppb
Antimony	121-1	22.43	22.25	22.40	22.36	0.43	ppb
Arsenic	75-2	20.51	20.87	20.21	20.53	1.61	ppb
Barium	135-1	22.14	21.91	22.44	22.16	1.21	ppb
Barium	137-1	22.78	22.42	22.41	22.54	0.93	ppb
Beryllium	9-1	21.25	21.34	21.32	21.30	0.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	11-1	50.83	50.03	51.86	50.91	1.81	ppb
Boron	10-1	51.58	55.01	51.92	52.83	3.58	ppb
Cadmium	106-1	26.01	24.65	24.71	25.12	3.05	ppb
Cadmium	108-1	37.29	37.46	38.51	37.75	1.75	ppb
Cadmium	111-1	21.39	20.90	21.23	21.17	1.18	ppb
Calcium	43-1	97650.66	97130.83	97572.98	97451.49	0.29	ppb
Calcium	44-1	98533.01	98090.61	98307.90	98310.51	0.23	ppb
Chromium	52-2	39.66	39.69	39.54	39.63	0.20	ppb
Cobalt	59-2	21.24	21.45	21.35	21.35	0.50	ppb
Copper	63-2	28.26	28.14	28.26	28.22	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	98204.01	98380.16	98922.03	98502.07	0.38	ppb
Iron	57-2	97592.08	98929.04	97852.27	98124.46	0.72	ppb
Lead	206-1	25.86	25.81	25.44	25.71	0.90	ppb
Lead	207-1	23.61	23.20	23.06	23.29	1.23	ppb
Lead	208-1	24.51	24.28	24.15	24.31	0.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	97929.27	99519.43	98906.79	98785.16	0.81	ppb
Manganese	55-2	27.95	27.56	28.22	27.91	1.19	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2044.08	2049.46	2037.93	2043.82	0.28	ppb
Molybdenum	94-1	656.17	652.40	654.95	654.51	0.29	ppb
Molybdenum	95-1	2040.33	2035.37	2031.26	2035.65	0.22	ppb
Molybdenum	96-1	1698.06	1703.72	1689.28	1697.02	0.43	ppb
Molybdenum	97-1	2074.22	2056.64	2054.38	2061.74	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.29	24.95	25.48	25.24	1.05	ppb
Phosphorus	31-2	102334.95	102896.97	102439.53	102557.15	0.29	ppb
Potassium	39-2	100209.17	100393.18	99987.43	100196.59	0.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	22.55	19.60	19.18	20.44	8.98	ppb
Selenium	78-2	21.26	22.52	21.00	21.59	3.76	ppb
Selenium	82-1	19.83	20.25	19.12	19.73	2.87	ppb
Silicon	28-1	79.91	79.88	80.69	80.16	0.57	ppb
Silver	109-1	19.43	19.24	19.25	19.31	0.54	ppb
Silver	107-1	19.63	19.61	19.55	19.60	0.21	ppb
Sodium	23-2	99786.47	100389.94	100135.68	100104.03	0.30	ppb
Strontium	86-1	69.38	68.60	68.72	68.90	0.61	ppb
Strontium	88-1	69.30	69.12	69.10	69.17	0.16	ppb
Sulfur	34-1	70949.48	70447.15	70509.79	70635.47	0.39	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	21.07	20.68	20.49	20.75	1.44	ppb
Thallium	205-1	21.06	20.99	20.54	20.86	1.36	ppb
Tin	118-1	45.61	45.15	45.43	45.40	0.52	ppb
Titanium	47-1	2052.69	2038.51	2055.30	2048.83	0.44	ppb
Uranium	238-1	45.04	44.32	44.89	44.75	0.84	ppb
Vanadium	51-2	20.01	20.03	20.11	20.05	0.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	32.59	32.47	32.74	32.60	0.40	ppb
Zirconium	90-1	43.94	43.75	43.45	43.72	0.56	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	43.23	42.89	43.65	43.26	0.88	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9258.95	9362.89	9354.35	9325.39	0.62	ppb
Antimony	121-1	505.14	500.33	498.63	501.37	0.67	ppb
Arsenic	75-2	497.80	507.50	503.10	502.80	0.97	ppb
Barium	135-1	2526.68	2519.47	2574.32	2540.16	1.17	ppb
Barium	137-1	2502.11	2516.24	2572.59	2530.31	1.47	ppb
Beryllium	9-1	508.07	504.51	507.57	506.72	0.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	499.97	505.30	510.10	505.12	1.00	ppb
Boron	10-1	506.58	506.38	523.39	512.12	1.91	ppb
Cadmium	106-1	489.28	500.29	519.22	502.93	3.01	ppb
Cadmium	108-1	500.79	503.24	510.09	504.71	0.96	ppb
Cadmium	111-1	505.84	503.30	514.50	507.88	1.16	ppb
Calcium	43-1	47027.34	47547.48	47912.68	47495.83	0.94	ppb
Calcium	44-1	48000.73	47956.20	48120.05	48025.66	0.18	ppb
Chromium	52-2	492.20	493.17	494.14	493.17	0.20	ppb
Cobalt	59-2	489.52	491.81	494.66	492.00	0.52	ppb
Copper	63-2	930.14	941.28	941.81	937.74	0.70	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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	24564.27	24774.40	24700.17	24679.62	0.43	ppb
Iron	57-2	24225.29	24326.08	24580.85	24377.41	0.75	ppb
Lead	206-1	487.18	486.33	488.38	487.30	0.21	ppb
Lead	207-1	482.10	479.95	484.39	482.14	0.46	ppb
Lead	208-1	493.94	488.13	492.61	491.56	0.62	ppb
Lithium	6-1				90		%
Magnesium	24-2	48047.47	48196.06	49113.45	48452.32	1.19	ppb
Manganese	55-2	972.60	980.91	983.39	978.96	0.58	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	494.10	500.19	490.68	494.99	0.97	ppb
Molybdenum	94-1	496.28	497.39	484.14	492.60	1.49	ppb
Molybdenum	95-1	489.48	492.20	481.88	487.85	1.10	ppb
Molybdenum	96-1	492.34	486.91	486.83	488.70	0.65	ppb
Molybdenum	97-1	494.12	491.43	483.43	489.66	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.57	491.14	489.77	487.83	0.94	ppb
Phosphorus	31-2	10173.45	10214.15	10314.06	10233.89	0.71	ppb
Potassium	39-2	24579.49	24892.55	24629.92	24700.66	0.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	504.08	510.15	535.26	516.50	3.20	ppb
Selenium	78-2	504.86	514.73	499.27	506.29	1.55	ppb
Selenium	82-1	497.63	497.18	490.46	495.09	0.81	ppb
Silicon	28-1	569.91	583.89	596.80	583.53	2.30	ppb
Silver	109-1	510.13	506.88	520.34	512.45	1.37	ppb
Silver	107-1	505.28	510.11	514.31	509.90	0.89	ppb
Sodium	23-2	49598.92	50375.42	50558.08	50177.47	1.01	ppb
Strontium	86-1	453.33	453.58	446.36	451.09	0.91	ppb
Strontium	88-1	459.94	453.65	451.77	455.12	0.94	ppb
Sulfur	34-1	8086.84	8074.66	8125.07	8095.52	0.32	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	503.77	500.47	496.37	500.20	0.74	ppb
Thallium	205-1	503.95	496.82	497.75	499.51	0.78	ppb
Tin	118-1	507.63	511.91	507.25	508.93	0.51	ppb
Titanium	47-1	490.53	491.53	495.87	492.64	0.58	ppb
Uranium	238-1	482.86	480.74	477.74	480.45	0.54	ppb
Vanadium	51-2	490.48	495.33	490.86	492.22	0.55	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	936.98	945.86	945.71	942.85	0.54	ppb
Zirconium	90-1	493.79	489.75	486.29	489.94	0.77	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.17	479.51	474.13	479.27	1.05	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.85	0.42	0.51	59.30	ppb
Antimony	121-1	0.69	0.96	1.24	0.97	28.60	ppb
Arsenic	75-2	0.12	0.11	0.15	0.12	15.58	ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.00	214.47	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	46.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	3.93	3.85	3.92	3.90	1.15	ppb
Boron	10-1	4.49	4.17	4.22	4.29	3.98	ppb
Cadmium	106-1	-0.07	0.34	0.62	0.29	118.02	ppb
Cadmium	108-1	-0.06	-0.03	-0.05	-0.05		ppb
Cadmium	111-1	0.00	0.03	0.05	0.03	88.72	ppb
Calcium	43-1	-2.43	0.03	-1.17	-1.19		ppb
Calcium	44-1	0.50	0.60	1.38	0.83	57.82	ppb
Chromium	52-2	0.02	0.00	0.04	0.02	99.60	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.06	0.05	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	0.61	1.50	0.59	0.90	57.70	ppb
Iron	57-2	0.33	0.78	0.18	0.43	72.17	ppb
Lead	206-1	0.07	0.06	0.05	0.06	18.81	ppb
Lead	207-1	0.05	0.06	0.03	0.05	31.35	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.43	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.36	1.43	0.32	0.70	90.05	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	1135.33	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.32	0.45	0.32	39.42	ppb
Molybdenum	94-1	0.06	0.09	0.16	0.10	45.64	ppb
Molybdenum	95-1	0.19	0.30	0.44	0.31	39.66	ppb
Molybdenum	96-1	0.18	0.28	0.37	0.28	34.45	ppb
Molybdenum	97-1	0.20	0.32	0.47	0.33	40.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.08	0.06	0.05	67.99	ppb
Phosphorus	31-2	5.04	4.62	3.29	4.32	21.19	ppb
Potassium	39-2	9.31	14.29	11.14	11.58	21.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	-0.10	0.19	-0.10	0.00		ppb
Selenium	78-2	-0.42	0.51	0.76	0.28	220.42	ppb
Selenium	82-1	-0.12	-1.13	-1.00	-0.75		ppb
Silicon	28-1	-2.52	-2.39	-1.95	-2.29		ppb
Silver	109-1	0.00	0.01	0.01	0.01	42.57	ppb
Silver	107-1	0.01	0.01	0.01	0.01	38.92	ppb
Sodium	23-2	20.42	22.28	19.79	20.83	6.20	ppb
Strontium	86-1	-0.05	-0.09	0.00	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1010.35	-1066.20	-1066.50	-1047.68		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.10	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	19.37	ppb
Tin	118-1	0.04	0.05	0.09	0.06	41.99	ppb
Titanium	47-1	0.04	0.00	0.01	0.02	94.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	286.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.11	-0.17	-0.16	-0.15		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	71.94	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.00	0.01	84.85	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : PB98340BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 17:01:52 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.17	-0.15	0.04	391.71	ppb
Antimony	121-1	0.16	0.23	0.28	0.22	26.92	ppb
Arsenic	75-2	0.06	0.09	0.08	0.08	18.54	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	200.85	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	36.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	2.89	2.75	2.76	2.80	2.80	ppb
Boron	10-1	2.95	3.51	2.66	3.04	14.15	ppb
Cadmium	106-1	0.46	-0.38	0.25	0.11	411.20	ppb
Cadmium	108-1	-0.03	0.04	0.04	0.02	273.46	ppb
Cadmium	111-1	0.04	-0.03	0.01	0.01	578.42	ppb
Calcium	43-1	1.00	-0.72	0.92	0.40	242.70	ppb
Calcium	44-1	1.95	1.75	1.52	1.74	12.64	ppb
Chromium	52-2	0.02	0.01	0.00	0.01	110.61	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.02	-0.05	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	0.49	0.51	0.43	0.48	8.77	ppb
Iron	57-2	0.26	-0.23	0.39	0.14	228.16	ppb
Lead	206-1	0.05	0.06	0.04	0.05	19.63	ppb
Lead	207-1	0.03	0.03	0.03	0.03	6.82	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.37	ppb
Lithium	6-1				90		%
Magnesium	24-2	0.24	0.33	0.27	0.28	14.89	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:01:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.13	0.22	0.15	47.84	ppb
Molybdenum	94-1	0.03	0.04	0.06	0.04	44.14	ppb
Molybdenum	95-1	0.12	0.13	0.22	0.16	36.20	ppb
Molybdenum	96-1	0.06	0.12	0.20	0.13	53.62	ppb
Molybdenum	97-1	0.09	0.16	0.24	0.17	44.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.01	0.04	0.05	78.55	ppb
Phosphorus	31-2	-1.95	7.58	-5.46	0.06	12138.62	ppb
Potassium	39-2	11.24	12.27	9.62	11.05	12.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	-0.10	0.19	-0.10	0.00		ppb
Selenium	78-2	0.80	0.49	1.29	0.86	46.42	ppb
Selenium	82-1	-0.50	-0.87	-1.42	-0.93		ppb
Silicon	28-1	-2.54	-2.50	-2.29	-2.44		ppb
Silver	109-1	0.01	0.00	0.01	0.01	40.92	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.02	ppb
Sodium	23-2	19.38	19.98	19.11	19.49	2.27	ppb
Strontium	86-1	-0.13	0.08	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1156.59	-1201.22	-1176.40	-1178.07		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.02	0.02	16.74	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.22	ppb
Tin	118-1	0.01	0.02	0.06	0.03	90.28	ppb
Titanium	47-1	0.04	0.06	0.03	0.04	35.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	-0.24	-0.18	-0.22	-0.22		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	37.83	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:01:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	47.91	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.66	36.19	32.18	33.68	6.51	ppb
Antimony	121-1	3.84	3.97	3.93	3.92	1.68	ppb
Arsenic	75-2	1.90	2.03	2.06	2.00	4.21	ppb
Barium	135-1	17.73	17.66	17.83	17.74	0.47	ppb
Barium	137-1	17.83	18.04	17.70	17.86	0.94	ppb
Beryllium	9-1	2.06	1.94	1.93	1.97	3.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	46.65	47.87	46.69	47.07	1.48	ppb
Boron	10-1	46.33	47.95	48.00	47.42	2.01	ppb
Cadmium	106-1	1.41	2.59	2.72	2.24	32.12	ppb
Cadmium	108-1	1.88	2.27	1.95	2.03	10.17	ppb
Cadmium	111-1	1.92	1.94	1.98	1.95	1.68	ppb
Calcium	43-1	843.81	839.72	846.82	843.45	0.42	ppb
Calcium	44-1	849.10	846.74	847.56	847.80	0.14	ppb
Chromium	52-2	3.78	3.71	3.73	3.74	0.84	ppb
Cobalt	59-2	1.91	1.88	1.80	1.86	2.80	ppb
Copper	63-2	3.86	3.87	3.85	3.86	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	352.16	350.08	349.17	350.47	0.44	ppb
Iron	57-2	348.70	355.20	352.85	352.25	0.93	ppb
Lead	206-1	2.08	2.12	2.17	2.12	2.28	ppb
Lead	207-1	2.04	2.05	2.07	2.05	0.81	ppb
Lead	208-1	2.07	2.09	2.12	2.09	1.00	ppb
Lithium	6-1				90		%
Magnesium	24-2	885.06	884.91	876.93	882.30	0.53	ppb
Manganese	55-2	1.90	2.01	1.95	1.95	2.89	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	8.58	8.52	8.40	8.50	1.09	ppb
Molybdenum	94-1	3.80	3.83	3.81	3.81	0.46	ppb
Molybdenum	95-1	8.57	8.58	8.37	8.51	1.40	ppb
Molybdenum	96-1	7.62	7.48	7.32	7.47	2.01	ppb
Molybdenum	97-1	8.71	8.48	8.81	8.67	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.91	2.03	1.93	4.60	ppb
Phosphorus	31-2	-0.74	0.07	14.37	4.57	186.12	ppb
Potassium	39-2	903.08	887.95	884.91	891.98	1.09	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	9.66	11.95	7.41	9.67	23.43	ppb
Selenium	78-2	8.83	9.30	10.40	9.51	8.45	ppb
Selenium	82-1	8.61	8.50	8.50	8.54	0.75	ppb
Silicon	28-1	17.83	18.26	19.73	18.61	5.35	ppb
Silver	109-1	1.94	1.91	1.92	1.92	0.78	ppb
Silver	107-1	1.91	1.93	1.95	1.93	1.08	ppb
Sodium	23-2	912.00	911.51	905.19	909.57	0.42	ppb
Strontium	86-1	1.46	1.64	1.51	1.54	5.92	ppb
Strontium	88-1	1.64	1.62	1.60	1.62	1.17	ppb
Sulfur	34-1	-1213.46	-1302.12	-1024.21	-1179.93		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.77	1.73	1.78	1.76	1.57	ppb
Thallium	205-1	1.75	1.78	1.75	1.76	1.05	ppb
Tin	118-1	8.93	9.19	8.98	9.03	1.50	ppb
Titanium	47-1	8.67	8.94	8.68	8.76	1.74	ppb
Uranium	238-1	1.64	1.62	1.62	1.62	0.71	ppb
Vanadium	51-2	8.99	8.99	8.95	8.98	0.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	3.39	3.51	3.55	3.49	2.43	ppb
Zirconium	90-1	1.68	1.68	1.68	1.68	0.07	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.81	1.65	1.71	1.72	4.63	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.15	0.40	0.25	54.43	ppb
Antimony	121-1	-0.02	0.01	0.02	0.00	559.63	ppb
Arsenic	75-2	0.03	0.05	0.02	0.03	56.57	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	132.46	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	2.91	2.79	2.87	2.86	2.11	ppb
Boron	10-1	3.65	2.67	2.69	3.01	18.66	ppb
Cadmium	106-1	0.76	0.66	0.18	0.53	57.61	ppb
Cadmium	108-1	-0.02	-0.05	-0.05	-0.04		ppb
Cadmium	111-1	0.06	0.05	0.01	0.04	61.40	ppb
Calcium	43-1	9.59	14.24	13.58	12.47	20.19	ppb
Calcium	44-1	10.94	11.78	11.71	11.48	4.05	ppb
Chromium	52-2	-0.02	-0.01	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		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				108		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	1.09	1.00	0.95	1.02	7.00	ppb
Iron	57-2	1.26	1.05	0.75	1.02	25.09	ppb
Lead	206-1	0.07	0.05	0.06	0.06	15.41	ppb
Lead	207-1	0.06	0.07	0.04	0.06	22.18	ppb
Lead	208-1	0.06	0.05	0.06	0.06	5.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.88	1.09	0.76	0.91	18.33	ppb
Manganese	55-2	0.02	0.04	0.03	0.03	39.05	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.30	0.33	0.38	0.34	11.70	ppb
Molybdenum	94-1	0.09	0.10	0.10	0.10	7.55	ppb
Molybdenum	95-1	0.28	0.31	0.38	0.32	15.41	ppb
Molybdenum	96-1	0.26	0.27	0.33	0.29	14.93	ppb
Molybdenum	97-1	0.28	0.35	0.40	0.34	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.06	0.05	16.85	ppb
Phosphorus	31-2	1.19	-1.70	10.64	3.38	191.20	ppb
Potassium	39-2	5.75	7.39	8.84	7.33	21.04	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	-0.10	0.18	-0.10	-0.01		ppb
Selenium	78-2	-0.59	0.09	0.65	0.05	1273.37	ppb
Selenium	82-1	-0.62	-0.78	-1.05	-0.82		ppb
Silicon	28-1	-6.79	-5.46	-5.62	-5.96		ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.09	ppb
Silver	107-1	0.01	0.01	0.02	0.01	23.07	ppb
Sodium	23-2	19.01	20.85	19.01	19.62	5.42	ppb
Strontium	86-1	-0.13	-0.03	-0.13	-0.10		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	11.32	ppb
Sulfur	34-1	-1656.97	-1346.58	-1523.89	-1509.15		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	0.01	0.00	58.42	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	52.25	ppb
Tin	118-1	0.02	0.04	0.04	0.03	40.34	ppb
Titanium	47-1	0.03	0.02	0.01	0.02	45.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	-0.11	-0.07	0.00	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	-0.01	0.01	208.26	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : I2689-04 Instrumnet Name : P7
 Client Sample ID : MF4A04 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 17:12:23 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	0.91	0.51	0.85	37.08	ppb
Antimony	121-1	-0.05	-0.02	0.00	-0.02		ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	10.95	ppb
Barium	135-1	0.01	0.03	0.01	0.02	57.58	ppb
Barium	137-1	0.00	0.04	0.02	0.02	105.81	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	39.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	2.03	2.18	2.19	2.13	4.12	ppb
Boron	10-1	2.26	2.33	2.53	2.38	5.93	ppb
Cadmium	106-1	0.39	-1.01	0.42	-0.06		ppb
Cadmium	108-1	-0.05	-0.05	-0.06	-0.05		ppb
Cadmium	111-1	0.04	-0.08	0.03	0.00		ppb
Calcium	43-1	9.78	10.30	11.46	10.51	8.17	ppb
Calcium	44-1	11.32	10.82	11.12	11.09	2.25	ppb
Chromium	52-2	-0.03	-0.02	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.06	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	1.55	1.33	1.56	1.48	9.07	ppb
Iron	57-2	2.23	2.25	1.59	2.02	18.58	ppb
Lead	206-1	0.07	0.07	0.04	0.06	23.80	ppb
Lead	207-1	0.05	0.05	0.04	0.04	9.88	ppb
Lead	208-1	0.06	0.06	0.04	0.05	14.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.68	1.58	1.61	1.62	3.22	ppb
Manganese	55-2	0.06	0.04	0.05	0.05	12.29	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-04	Instrumnet Name :	P7
Client Sample ID :	MF4A04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:12:23	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.17	0.19	0.23	0.20	15.60	ppb
Molybdenum	94-1	0.05	0.06	0.08	0.06	25.25	ppb
Molybdenum	95-1	0.12	0.20	0.23	0.19	30.19	ppb
Molybdenum	96-1	0.12	0.16	0.18	0.15	20.19	ppb
Molybdenum	97-1	0.15	0.20	0.26	0.20	27.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.03	0.04	38.92	ppb
Phosphorus	31-2	-2.08	24.09	2.45	8.16	171.46	ppb
Potassium	39-2	9.03	10.70	8.88	9.54	10.58	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.70	0.35	0.63	0.56	32.85	ppb
Selenium	82-1	-1.18	-1.66	0.05	-0.93		ppb
Silicon	28-1	-2.81	-4.46	-2.84	-3.37		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.32	ppb
Sodium	23-2	19.16	17.91	18.97	18.68	3.60	ppb
Strontium	86-1	-0.16	-0.05	-0.06	-0.09		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	2.51	ppb
Sulfur	34-1	-1199.13	-1392.42	-1113.93	-1235.16		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.00	0.01	91.67	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	32.56	ppb
Tin	118-1	0.02	0.01	0.02	0.02	24.41	ppb
Titanium	47-1	0.04	0.03	0.01	0.03	56.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	197.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	0.24	0.23	0.18	0.22	13.86	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-04	Instrumnet Name :	P7
Client Sample ID :	MF4A04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:12:23	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	45.81	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9488.80	9367.69	9313.10	9389.86	0.96	ppb
Antimony	121-1	497.36	506.31	494.48	499.38	1.24	ppb
Arsenic	75-2	501.37	508.19	506.46	505.34	0.70	ppb
Barium	135-1	2511.07	2545.60	2569.82	2542.16	1.16	ppb
Barium	137-1	2491.91	2527.81	2560.51	2526.74	1.36	ppb
Beryllium	9-1	533.14	525.26	530.62	529.67	0.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	11-1	517.84	516.94	528.14	520.97	1.19	ppb
Boron	10-1	524.77	512.51	531.76	523.01	1.86	ppb
Cadmium	106-1	507.33	512.14	508.53	509.33	0.49	ppb
Cadmium	108-1	501.31	506.02	507.02	504.78	0.60	ppb
Cadmium	111-1	501.79	504.43	505.43	503.88	0.37	ppb
Calcium	43-1	47845.00	47841.95	48159.32	47948.76	0.38	ppb
Calcium	44-1	48374.47	48632.04	48677.69	48561.40	0.34	ppb
Chromium	52-2	495.38	493.48	492.61	493.82	0.29	ppb
Cobalt	59-2	495.16	494.26	492.35	493.92	0.29	ppb
Copper	63-2	951.29	949.43	942.49	947.74	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	24943.02	24960.41	24785.13	24896.19	0.39	ppb
Iron	57-2	24813.72	24585.23	24477.10	24625.35	0.70	ppb
Lead	206-1	492.06	490.71	493.56	492.11	0.29	ppb
Lead	207-1	486.71	485.57	487.93	486.74	0.24	ppb
Lead	208-1	496.64	494.95	500.07	497.22	0.52	ppb
Lithium	6-1				88		%
Magnesium	24-2	49475.39	48287.38	48692.33	48818.37	1.24	ppb
Manganese	55-2	985.14	981.83	976.49	981.15	0.44	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	498.33	500.73	489.05	496.04	1.24	ppb
Molybdenum	94-1	496.15	494.59	489.75	493.49	0.68	ppb
Molybdenum	95-1	488.37	487.74	485.60	487.24	0.30	ppb
Molybdenum	96-1	486.66	489.16	486.47	487.43	0.31	ppb
Molybdenum	97-1	488.06	490.71	485.47	488.08	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.99	493.44	488.35	491.60	0.57	ppb
Phosphorus	31-2	10412.39	10171.79	10201.63	10261.94	1.28	ppb
Potassium	39-2	24757.94	24535.09	24671.51	24654.85	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	487.67	490.52	515.62	497.94	3.09	ppb
Selenium	78-2	497.42	511.44	503.50	504.12	1.39	ppb
Selenium	82-1	498.90	497.24	495.39	497.17	0.35	ppb
Silicon	28-1	576.96	589.61	603.00	589.86	2.21	ppb
Silver	109-1	509.12	505.44	516.70	510.42	1.12	ppb
Silver	107-1	504.81	520.48	511.60	512.30	1.53	ppb
Sodium	23-2	51274.68	49885.26	50257.92	50472.62	1.42	ppb
Strontium	86-1	453.19	460.76	452.72	455.56	0.99	ppb
Strontium	88-1	456.32	461.81	451.84	456.66	1.09	ppb
Sulfur	34-1	9343.01	8995.30	9344.81	9227.71	2.18	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	507.27	498.62	508.78	504.89	1.09	ppb
Thallium	205-1	505.63	505.97	507.96	506.52	0.25	ppb
Tin	118-1	492.14	501.62	511.75	501.83	1.95	ppb
Titanium	47-1	496.24	494.36	495.68	495.43	0.19	ppb
Uranium	238-1	484.16	481.05	489.05	484.75	0.83	ppb
Vanadium	51-2	498.63	493.75	494.65	495.68	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	957.92	951.00	953.86	954.26	0.36	ppb
Zirconium	90-1	496.30	495.09	494.17	495.19	0.22	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.32	484.15	478.54	481.67	0.59	ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : CCB002 Instrumnet Name : P7
 Client Sample ID : CCB002 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 17:29:41 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.17	0.11	0.10	85.14	ppb
Antimony	121-1	0.58	0.87	1.13	0.86	31.94	ppb
Arsenic	75-2	0.10	0.11	0.12	0.11	8.05	ppb
Barium	135-1	0.00	-0.02	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	435.75	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	4.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	2.94	2.73	2.67	2.78	5.12	ppb
Boron	10-1	2.75	2.52	2.78	2.68	5.31	ppb
Cadmium	106-1	-0.02	0.02	-0.46	-0.15		ppb
Cadmium	108-1	-0.05	-0.02	-0.02	-0.03		ppb
Cadmium	111-1	0.00	0.00	-0.04	-0.01		ppb
Calcium	43-1	-2.96	0.50	-1.14	-1.20		ppb
Calcium	44-1	0.49	-0.53	0.09	0.01	3774.91	ppb
Chromium	52-2	0.03	0.01	0.01	0.02	57.00	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.10	-0.13	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.14	0.20	0.27	0.20	30.48	ppb
Iron	57-2	0.72	-0.12	-0.12	0.16	300.62	ppb
Lead	206-1	0.04	0.05	0.04	0.05	12.54	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.78	ppb
Lead	208-1	0.04	0.05	0.04	0.04	8.55	ppb
Lithium	6-1				90		%
Magnesium	24-2	0.08	0.13	0.24	0.15	53.36	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : CCB002 Instrumnet Name : P7
 Client Sample ID : CCB002 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 17:29:41 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.17	0.23	0.16	48.52	ppb
Molybdenum	94-1	0.03	0.05	0.08	0.05	43.54	ppb
Molybdenum	95-1	0.07	0.16	0.24	0.16	55.91	ppb
Molybdenum	96-1	0.06	0.14	0.20	0.13	51.45	ppb
Molybdenum	97-1	0.11	0.14	0.25	0.17	44.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.06	0.03	92.92	ppb
Phosphorus	31-2	18.96	-2.17	2.79	6.52	169.36	ppb
Potassium	39-2	3.83	7.09	12.23	7.72	54.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	-0.10	0.19	-0.10	0.00		ppb
Selenium	78-2	-0.24	0.21	0.64	0.21	213.54	ppb
Selenium	82-1	-1.41	-0.96	-0.80	-1.06		ppb
Silicon	28-1	-1.98	-2.22	-3.76	-2.65		ppb
Silver	109-1	0.00	0.00	0.01	0.00	100.05	ppb
Silver	107-1	0.01	0.00	0.00	0.01	76.91	ppb
Sodium	23-2	13.07	13.67	13.53	13.42	2.33	ppb
Strontium	86-1	-0.04	-0.05	0.00	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-940.69	-862.84	-1342.18	-1048.57		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.38	ppb
Tin	118-1	0.02	0.05	0.07	0.05	52.78	ppb
Titanium	47-1	0.04	0.02	0.04	0.03	36.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	-0.20	-0.22	-0.24	-0.22		ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	75.50	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:29:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	140.81	ppb

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	50	53	24.12	cps
Antimony	121-1	1575	1784	1717	1692	6.29	cps
Arsenic	75-2	15	6	19	13	51.48	cps
Barium	135-1	83	25	83	64	52.72	cps
Barium	137-1	67	75	67	69	6.93	cps
Beryllium	9-1	61	28	44	44	37.49	cps
Bismuth	209-1	9897384	9911042	9813206	9873877	0.54	cps
Bismuth	209-2	6116463	6113015	6132393	6120624	0.17	cps
Boron	11-1	1100	842	883	942	14.73	cps
Boron	10-1	125	167	117	136	19.68	cps
Cadmium	106-1	4251	4026	4301	4192	3.50	cps
Cadmium	108-1	17	42	17	25	57.73	cps
Cadmium	111-1	2981	2814	3020	2938	3.72	cps
Calcium	43-1	458	392	350	400	13.66	cps
Calcium	44-1	18763	17953	18112	18276	2.35	cps
Chromium	52-2	1037	1167	1313	1172	11.81	cps
Cobalt	59-2	120	107	103	110	8.01	cps
Copper	63-2	3004	2907	3097	3003	3.16	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	50	100	125	92	41.66	cps
Gadolinium	160-2	43	67	43	51	26.37	cps
Holmium	165-1	14722708	14836779	14881290	14813592	0.55	cps
Holmium	165-2	7748335	7749115	7820186	7772545	0.53	cps
Indium	115-1	12026501	11985087	11997613	12003067	0.18	cps
Indium	115-2	2398747	2411722	2427254	2412574	0.59	cps
Iron	56-2	5551	6001	5785	5779	3.90	cps
Iron	57-2	183	161	122	156	19.88	cps
Lead	206-1	1433	1345	1256	1345	6.61	cps
Lead	207-1	1217	1317	1250	1261	4.04	cps
Lead	208-1	5590	5434	5578	5534	1.57	cps
Lithium	6-1	2267518	2289951	2302931	2286800	0.78	cps
Magnesium	24-2	167	183	183	178	5.41	cps
Manganese	55-2	67	73	50	63	18.98	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	600	425	567	531	17.51	cps
Molybdenum	94-1	558	500	525	528	5.55	cps
Molybdenum	95-1	408	342	258	336	22.36	cps
Molybdenum	96-1	375	583	500	486	21.57	cps
Molybdenum	97-1	350	258	133	247	43.99	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	370	403	350	374	7.20	cps
Phosphorus	31-2	375	317	275	322	15.59	cps
Potassium	39-2	50362	50939	51942	51081	1.57	cps
Rhodium	103-1	11126951	11109339	11259802	11165364	0.74	cps
Rhodium	103-2	5565333	5555005	5614078	5578139	0.57	cps
Scandium	45-1	7831197	7734500	7787776	7784491	0.62	cps
Scandium	45-2	361234	362282	365221	362912	0.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	93	111	106	103	9.22	cps
Selenium	82-1	-54	268	255	157	116.27	cps
Silicon	28-1	591923	591041	590594	591186	0.11	cps
Silver	109-1	75	83	108	89	19.52	cps
Silver	107-1	175	183	142	167	13.23	cps
Sodium	23-2	21399	20231	21791	21141	3.84	cps
Strontium	86-1	6377	6210	6460	6349	2.01	cps
Strontium	88-1	375	325	300	333	11.46	cps
Sulfur	34-1	870096	862448	866187	866244	0.44	cps
Terbium	159-1	15284512	15183179	15317090	15261593	0.46	cps
Terbium	159-2	7752492	7664627	7719751	7712290	0.58	cps
Thallium	203-1	283	200	225	236	18.11	cps
Thallium	205-1	667	592	633	631	5.96	cps
Tin	118-1	450	575	442	489	15.28	cps
Titanium	47-1	142	92	125	119	21.31	cps
Uranium	238-1	233	300	242	258	14.06	cps
Vanadium	51-2	13	33	20	22	45.83	cps
Yttrium	89-1	12135731	12177644	12100547	12137974	0.32	cps
Yttrium	89-2	1829855	1835305	1847969	1837710	0.51	cps
Zinc	66-2	330	240	350	307	19.11	cps
Zirconium	90-1	975	908	958	947	3.66	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:49:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	150	142	150	5.56	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:58:07	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2584	2484	2617	2561	2.71	cps
Antimony	121-1	27962	28321	27895	28059	0.82	cps
Arsenic	75-2	450	494	504	483	5.95	cps
Barium	135-1	31328	31411	30576	31105	1.48	cps
Barium	137-1	54793	53136	53295	53741	1.70	cps
Beryllium	9-1	2517	3073	2800	2797	9.94	cps
Bismuth	209-1	10008433	10015652	9821434	9948507	1.11	cps
Bismuth	209-2	6036279	6039928	6062913	6046374	0.24	cps
Boron	11-1	45202	46138	45302	45547	1.13	cps
Boron	10-1	8586	8786	9128	8834	3.10	cps
Cadmium	106-1	4843	4909	5043	4932	2.07	cps
Cadmium	108-1	296	342	271	303	11.87	cps
Cadmium	111-1	6575	6465	6687	6575	1.69	cps
Calcium	43-1	20031	19939	20190	20053	0.63	cps
Calcium	44-1	333766	336471	329332	333190	1.08	cps
Chromium	52-2	10297	10631	10217	10382	2.11	cps
Cobalt	59-2	7038	7225	7442	7235	2.79	cps
Copper	63-2	15305	15662	15869	15612	1.83	cps
Dysprosium	156-1	0	0	42	14	173.21	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	100	42	125	89	48.11	cps
Erbium	164-2	40	50	33	41	20.41	cps
Gadolinium	160-1	100	158	67	108	42.83	cps
Gadolinium	160-2	67	43	63	58	21.85	cps
Holmium	165-1	15164753	15203906	15180124	15182927	0.13	cps
Holmium	165-2	7848592	7853537	7826556	7842895	0.18	cps
Indium	115-1	12310767	12315571	12194966	12273768	0.56	cps
Indium	115-2	2402217	2416807	2414895	2411306	0.33	cps
Iron	56-2	181856	184933	184045	183611	0.86	cps
Iron	57-2	4495	5040	4734	4756	5.74	cps
Lead	206-1	14175	14041	14425	14214	1.37	cps
Lead	207-1	12556	12673	12662	12630	0.51	cps
Lead	208-1	56042	57512	57500	57018	1.48	cps
Lithium	6-1	2344234	2339028	2360101	2347788	0.47	cps
Magnesium	24-2	157580	159767	157175	158174	0.88	cps
Manganese	55-2	2384	2527	2557	2489	3.72	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:58:07	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	48166	47948	47405	47840	0.82	cps
Molybdenum	94-1	25073	24105	23737	24305	2.84	cps
Molybdenum	95-1	30342	30759	30300	30467	0.83	cps
Molybdenum	96-1	33574	33524	33215	33437	0.58	cps
Molybdenum	97-1	18805	18988	18246	18680	2.07	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2414	2490	2177	2360	6.92	cps
Phosphorus	31-2	283	258	308	283	8.82	cps
Potassium	39-2	199311	203512	205215	202679	1.50	cps
Rhodium	103-1	11389756	11453639	11370728	11404707	0.38	cps
Rhodium	103-2	5552873	5574691	5621079	5582881	0.62	cps
Scandium	45-1	7942356	7987922	7906209	7945496	0.52	cps
Scandium	45-2	361283	364291	363724	363099	0.44	cps
Selenium	77-2	63	67	53	61	11.36	cps
Selenium	78-2	274	276	330	293	10.76	cps
Selenium	82-1	1166	1064	1002	1077	7.67	cps
Silicon	28-1	681595	673442	679336	678124	0.62	cps
Silver	109-1	20582	21392	21359	21111	2.17	cps
Silver	107-1	22076	22151	22727	22318	1.60	cps
Sodium	23-2	327095	331693	330229	329672	0.71	cps
Strontium	86-1	11155	10354	10112	10540	5.18	cps
Strontium	88-1	37542	36923	37417	37294	0.88	cps
Sulfur	34-1	860536	861296	861427	861086	0.06	cps
Terbium	159-1	15650556	15537676	15509433	15565888	0.48	cps
Terbium	159-2	7809198	7782568	7781859	7791208	0.20	cps
Thallium	203-1	13457	13090	13207	13252	1.42	cps
Thallium	205-1	31213	30920	31004	31046	0.49	cps
Tin	118-1	53226	53335	52625	53062	0.72	cps
Titanium	47-1	9962	9545	9637	9715	2.26	cps
Uranium	238-1	39763	38952	38835	39183	1.29	cps
Vanadium	51-2	17017	17184	17434	17211	1.22	cps
Yttrium	89-1	12543090	12339860	12531036	12471329	0.91	cps
Yttrium	89-2	1836815	1829211	1846053	1837360	0.46	cps
Zinc	66-2	1767	1620	1740	1709	4.57	cps
Zirconium	90-1	20849	19973	19739	20187	2.90	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 15:58:07	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4951	4751	4509	4737	4.67	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:01:56 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141950	139814	138948	140238	1.10	cps
Antimony	121-1	629753	603968	586035	606585	3.62	cps
Arsenic	75-2	27560	27088	27153	27267	0.94	cps
Barium	135-1	853492	847454	848149	849698	0.39	cps
Barium	137-1	1494832	1503010	1486182	1494675	0.56	cps
Beryllium	9-1	155246	154949	151752	153982	1.26	cps
Bismuth	209-1	9884344	9953377	9909104	9915608	0.35	cps
Bismuth	209-2	6175923	6148417	6164574	6162971	0.22	cps
Boron	11-1	99620	101950	104351	101974	2.32	cps
Boron	10-1	20690	20790	20615	20698	0.42	cps
Cadmium	106-1	25182	25157	24998	25112	0.40	cps
Cadmium	108-1	14041	13744	14028	13938	1.20	cps
Cadmium	111-1	193309	193511	192221	193014	0.36	cps
Calcium	43-1	218864	220861	219263	219663	0.48	cps
Calcium	44-1	3585056	3563541	3546731	3565109	0.54	cps
Chromium	52-2	238772	238775	240604	239384	0.44	cps
Cobalt	59-2	400503	399480	399101	399695	0.18	cps
Copper	63-2	584791	581244	582122	582719	0.32	cps
Dysprosium	156-1	33	17	75	42	72.11	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	100	117	75	97	21.57	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	108	150	75	111	33.82	cps
Gadolinium	160-2	63	50	37	50	26.66	cps
Holmium	165-1	15053884	14955575	14846734	14952064	0.69	cps
Holmium	165-2	7942629	7828518	7979228	7916792	0.99	cps
Indium	115-1	12352739	12053332	12200177	12202083	1.23	cps
Indium	115-2	2430763	2408240	2426903	2421968	0.50	cps
Iron	56-2	9980533	9908284	10061923	9983580	0.77	cps
Iron	57-2	247807	246312	248962	247694	0.54	cps
Lead	206-1	570479	569428	564773	568227	0.53	cps
Lead	207-1	508622	506866	505745	507078	0.29	cps
Lead	208-1	2286656	2280921	2264039	2277205	0.52	cps
Lithium	6-1	2298607	2297100	2287369	2294359	0.27	cps
Magnesium	24-2	1800838	1773989	1782905	1785910	0.77	cps
Manganese	55-2	266583	268056	268080	267573	0.32	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:01:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	552615	545893	539715	546074	1.18	cps
Molybdenum	94-1	641975	636338	622072	633462	1.62	cps
Molybdenum	95-1	343653	337565	333004	338074	1.58	cps
Molybdenum	96-1	440420	436702	433537	436886	0.79	cps
Molybdenum	97-1	215575	209841	208334	211250	1.81	cps
Neodymium	150-1	87	47	40	58	43.68	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	107729	107679	107826	107745	0.07	cps
Phosphorus	31-2	8461	8995	8728	8728	3.06	cps
Potassium	39-2	901694	889438	893635	894922	0.70	cps
Rhodium	103-1	11329150	11234483	11278397	11280677	0.42	cps
Rhodium	103-2	5634987	5608466	5613642	5619032	0.25	cps
Scandium	45-1	7981985	7949798	7831651	7921145	1.00	cps
Scandium	45-2	365401	363106	364110	364205	0.32	cps
Selenium	77-2	537	597	527	553	6.84	cps
Selenium	78-2	2058	1911	2035	2001	3.94	cps
Selenium	82-1	11855	11907	11520	11761	1.78	cps
Silicon	28-1	1140138	1143208	1145312	1142886	0.23	cps
Silver	109-1	885001	883521	871327	879950	0.85	cps
Silver	107-1	919840	918324	919951	919372	0.10	cps
Sodium	23-2	3457864	3452466	3470700	3460344	0.27	cps
Strontium	86-1	266590	267697	268269	267519	0.32	cps
Strontium	88-1	2299231	2300793	2273970	2291331	0.66	cps
Sulfur	34-1	955634	954569	954326	954843	0.07	cps
Terbium	159-1	15671916	15579332	15534596	15595281	0.45	cps
Terbium	159-2	7826071	7748559	7838026	7804218	0.62	cps
Thallium	203-1	703700	708190	702912	704934	0.40	cps
Thallium	205-1	1702697	1714198	1688613	1701836	0.75	cps
Tin	118-1	599365	586249	584243	589952	1.39	cps
Titanium	47-1	108255	106844	105736	106945	1.18	cps
Uranium	238-1	2202048	2207484	2189482	2199671	0.42	cps
Vanadium	51-2	192092	191508	191941	191847	0.16	cps
Yttrium	89-1	12485230	12386801	12282297	12384776	0.82	cps
Yttrium	89-2	1866888	1859431	1867554	1864624	0.24	cps
Zinc	66-2	84020	84640	84549	84403	0.40	cps
Zirconium	90-1	1239657	1219118	1214802	1224526	1.08	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:01:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	277011	269518	266983	271171	1.92	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:05:55 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343129	352736	347267	347711	1.39	cps
Antimony	121-1	1693076	1650312	1627234	1656874	2.02	cps
Arsenic	75-2	66536	67374	67539	67150	0.80	cps
Barium	135-1	2124610	2129020	2126623	2126751	0.10	cps
Barium	137-1	3714929	3718495	3724564	3719329	0.13	cps
Beryllium	9-1	373253	376993	377970	376072	0.66	cps
Bismuth	209-1	9942220	9833305	9819862	9865129	0.68	cps
Bismuth	209-2	6046666	6073368	6050099	6056711	0.24	cps
Boron	11-1	251407	253247	253189	252614	0.41	cps
Boron	10-1	48278	49750	50402	49476	2.20	cps
Cadmium	106-1	55920	55869	57334	56374	1.47	cps
Cadmium	108-1	34647	35090	34438	34725	0.96	cps
Cadmium	111-1	470986	475476	473640	473367	0.48	cps
Calcium	43-1	540390	536627	538581	538533	0.35	cps
Calcium	44-1	8828395	8746040	8802251	8792229	0.48	cps
Chromium	52-2	590494	591612	590306	590804	0.12	cps
Cobalt	59-2	964111	975570	973910	971197	0.64	cps
Copper	63-2	1415916	1418635	1419604	1418052	0.13	cps
Dysprosium	156-1	92	67	25	61	55.11	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	58	92	58	69	27.71	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	92	175	133	133	31.25	cps
Gadolinium	160-2	53	57	67	59	11.79	cps
Holmium	165-1	14947406	15216269	15274849	15146175	1.15	cps
Holmium	165-2	7889627	7953196	7895018	7912614	0.45	cps
Indium	115-1	12246822	12110473	12106007	12154434	0.66	cps
Indium	115-2	2399098	2401108	2405821	2402009	0.14	cps
Iron	56-2	24132826	24530282	24601837	24421648	1.03	cps
Iron	57-2	600482	609635	606849	605655	0.77	cps
Lead	206-1	1412846	1397464	1412061	1407457	0.62	cps
Lead	207-1	1249086	1253829	1260868	1254594	0.47	cps
Lead	208-1	5652970	5651544	5657584	5654033	0.06	cps
Lithium	6-1	2285767	2270201	2262580	2272849	0.52	cps
Magnesium	24-2	4413103	4404949	4374878	4397643	0.46	cps
Manganese	55-2	653056	660245	657167	656822	0.55	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:05:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1376030	1372427	1354780	1367746	0.83	cps
Molybdenum	94-1	1591961	1605050	1596188	1597733	0.42	cps
Molybdenum	95-1	857519	851704	845959	851727	0.68	cps
Molybdenum	96-1	1116646	1098058	1109003	1107903	0.84	cps
Molybdenum	97-1	529256	532129	529866	530417	0.29	cps
Neodymium	150-1	160	140	107	136	19.88	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	259212	260898	260776	260295	0.36	cps
Phosphorus	31-2	20815	20548	21366	20910	1.99	cps
Potassium	39-2	2129393	2156978	2158309	2148227	0.76	cps
Rhodium	103-1	11104973	11305576	11236502	11215684	0.91	cps
Rhodium	103-2	5528560	5534833	5542906	5535433	0.13	cps
Scandium	45-1	8002990	7846744	7921394	7923709	0.99	cps
Scandium	45-2	363646	367337	364547	365177	0.53	cps
Selenium	77-2	1543	1363	1363	1423	7.30	cps
Selenium	78-2	4497	4606	4577	4560	1.24	cps
Selenium	82-1	29195	28923	28639	28919	0.96	cps
Silicon	28-1	1963442	1982613	1983320	1976458	0.57	cps
Silver	109-1	2180947	2181944	2187930	2183607	0.17	cps
Silver	107-1	2269096	2269265	2268726	2269029	0.01	cps
Sodium	23-2	8382993	8349578	8447899	8393490	0.60	cps
Strontium	86-1	653617	666771	661544	660644	1.00	cps
Strontium	88-1	5687354	5694188	5610494	5664012	0.82	cps
Sulfur	34-1	1044621	1037209	1046186	1042672	0.46	cps
Terbium	159-1	15722344	15614898	15533102	15623448	0.61	cps
Terbium	159-2	7837190	7815583	7762259	7805011	0.49	cps
Thallium	203-1	1764470	1762229	1773889	1766863	0.35	cps
Thallium	205-1	4238916	4235841	4266430	4247062	0.40	cps
Tin	118-1	1473360	1472527	1463787	1469892	0.36	cps
Titanium	47-1	265901	265730	257690	263107	1.78	cps
Uranium	238-1	5559330	5555279	5538981	5551197	0.19	cps
Vanadium	51-2	473481	474933	474869	474428	0.17	cps
Yttrium	89-1	12463622	12435769	12358159	12419183	0.44	cps
Yttrium	89-2	1846736	1846243	1854444	1849141	0.25	cps
Zinc	66-2	202144	204906	206505	204518	1.08	cps
Zirconium	90-1	3089678	3094312	3101952	3095314	0.20	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:05:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	672244	680577	680878	677899	0.72	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	681038	683452	683190	682560	0.19	cps
Antimony	121-1	3469587	3469449	3392856	3443964	1.29	cps
Arsenic	75-2	133190	133248	133545	133328	0.14	cps
Barium	135-1	4230254	4293413	4248962	4257543	0.76	cps
Barium	137-1	7376728	7370655	7331097	7359493	0.34	cps
Beryllium	9-1	742588	738852	735508	738983	0.48	cps
Bismuth	209-1	9725403	9744990	9729829	9733407	0.11	cps
Bismuth	209-2	5991374	6001690	5978471	5990512	0.19	cps
Boron	11-1	494460	494654	496110	495075	0.18	cps
Boron	10-1	98630	99813	99694	99379	0.66	cps
Cadmium	106-1	107094	108269	105289	106884	1.40	cps
Cadmium	108-1	67121	68661	69289	68357	1.63	cps
Cadmium	111-1	930583	934094	927136	930604	0.37	cps
Calcium	43-1	1071788	1052708	1064755	1063084	0.91	cps
Calcium	44-1	17087717	17223290	17375897	17228968	0.84	cps
Chromium	52-2	1156017	1164123	1160005	1160048	0.35	cps
Cobalt	59-2	1913570	1908979	1912245	1911598	0.12	cps
Copper	63-2	2782860	2786110	2782995	2783988	0.07	cps
Dysprosium	156-1	100	92	117	103	12.38	cps
Dysprosium	156-2	40	30	47	39	21.57	cps
Erbium	164-1	83	83	58	75	19.24	cps
Erbium	164-2	17	43	17	26	60.23	cps
Gadolinium	160-1	83	133	125	114	23.52	cps
Gadolinium	160-2	43	77	77	66	29.36	cps
Holmium	165-1	14945723	15048065	14973538	14989109	0.35	cps
Holmium	165-2	7867183	7789832	7742048	7799688	0.81	cps
Indium	115-1	11964939	11972893	12013501	11983777	0.22	cps
Indium	115-2	2346256	2352504	2381999	2360253	0.81	cps
Iron	56-2	48252991	47900943	47630816	47928250	0.65	cps
Iron	57-2	1191771	1194469	1189073	1191771	0.23	cps
Lead	206-1	2812498	2797662	2792130	2800763	0.38	cps
Lead	207-1	2506004	2501568	2500802	2502791	0.11	cps
Lead	208-1	11323127	11305729	11297253	11308703	0.12	cps
Lithium	6-1	2230450	2244154	2236836	2237147	0.31	cps
Magnesium	24-2	8499721	8583610	8562252	8548528	0.51	cps
Manganese	55-2	1284542	1283887	1289744	1286058	0.25	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2761959	2776749	2760128	2766279	0.33	cps
Molybdenum	94-1	3215171	3199259	3185490	3199973	0.46	cps
Molybdenum	95-1	1728260	1717960	1709603	1718608	0.54	cps
Molybdenum	96-1	2224225	2223079	2205397	2217567	0.48	cps
Molybdenum	97-1	1069178	1070384	1060881	1066814	0.48	cps
Neodymium	150-1	313	327	260	300	11.76	cps
Neodymium	150-2	33	27	23	28	18.33	cps
Nickel	60-2	512211	508899	509955	510355	0.33	cps
Phosphorus	31-2	39762	40966	40306	40345	1.49	cps
Potassium	39-2	4186585	4175342	4173530	4178485	0.17	cps
Rhodium	103-1	11037548	11090712	11079654	11069305	0.25	cps
Rhodium	103-2	5454266	5422021	5429835	5435374	0.31	cps
Scandium	45-1	7850032	7899045	7753117	7834065	0.95	cps
Scandium	45-2	355657	359342	359730	358243	0.63	cps
Selenium	77-2	2887	2634	2790	2770	4.62	cps
Selenium	78-2	9149	9171	9427	9249	1.67	cps
Selenium	82-1	57611	57043	57657	57437	0.59	cps
Silicon	28-1	3326303	3350284	3355613	3344067	0.47	cps
Silver	109-1	4293893	4329625	4305720	4309746	0.42	cps
Silver	107-1	4462464	4517917	4494517	4491633	0.62	cps
Sodium	23-2	16394610	16423829	16366815	16395085	0.17	cps
Strontium	86-1	1315319	1302723	1307687	1308576	0.48	cps
Strontium	88-1	11362635	11291764	11105794	11253398	1.18	cps
Sulfur	34-1	1214581	1212879	1203260	1210240	0.50	cps
Terbium	159-1	15542747	15574215	15390554	15502505	0.63	cps
Terbium	159-2	7759087	7836789	7729565	7775147	0.71	cps
Thallium	203-1	3505683	3509415	3509249	3508116	0.06	cps
Thallium	205-1	8380670	8386223	8388979	8385290	0.05	cps
Tin	118-1	2928295	2923864	2926316	2926158	0.08	cps
Titanium	47-1	522328	564230	523095	536551	4.47	cps
Uranium	238-1	11216774	11201674	11146179	11188209	0.33	cps
Vanadium	51-2	937355	940138	935783	937759	0.24	cps
Yttrium	89-1	12399617	12188146	12212373	12266712	0.94	cps
Yttrium	89-2	1823046	1826890	1837651	1829196	0.41	cps
Zinc	66-2	398627	399418	399473	399173	0.12	cps
Zirconium	90-1	6176692	6022001	6136175	6111623	1.31	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:09:38	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1342621	1357470	1343745	1347945	0.61	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1310305	1325457	1307316	1314359	0.74	cps
Antimony	121-1	6960514	6999823	6981276	6980538	0.28	cps
Arsenic	75-2	260582	263150	257388	260373	1.11	cps
Barium	135-1	8230497	8351296	8364319	8315371	0.89	cps
Barium	137-1	14435035	14305502	14578219	14439585	0.94	cps
Beryllium	9-1	1431354	1427360	1425612	1428109	0.21	cps
Bismuth	209-1	9565992	9676936	9753395	9665441	0.97	cps
Bismuth	209-2	5920863	5851415	5866279	5879519	0.62	cps
Boron	11-1	939415	959326	972924	957222	1.76	cps
Boron	10-1	189515	190375	195522	191804	1.69	cps
Cadmium	106-1	204353	206149	202594	204365	0.87	cps
Cadmium	108-1	133572	134872	132714	133719	0.81	cps
Cadmium	111-1	1820555	1805513	1809997	1812021	0.43	cps
Calcium	43-1	2078704	2090646	2091452	2086934	0.34	cps
Calcium	44-1	34180451	34188611	33806712	34058591	0.64	cps
Chromium	52-2	2250127	2260731	2233474	2248111	0.61	cps
Cobalt	59-2	3695974	3713527	3684049	3697850	0.40	cps
Copper	63-2	5374261	5382634	5307883	5354926	0.76	cps
Dysprosium	156-1	133	192	167	164	17.86	cps
Dysprosium	156-2	33	37	37	36	5.42	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	37	53	40	43	20.34	cps
Gadolinium	160-1	125	92	125	114	16.90	cps
Gadolinium	160-2	73	57	67	66	12.79	cps
Holmium	165-1	14977421	14887363	14980797	14948527	0.35	cps
Holmium	165-2	7837580	7642906	7742806	7741097	1.26	cps
Indium	115-1	11936204	11858689	11880905	11891933	0.34	cps
Indium	115-2	2314110	2351935	2310779	2325608	0.98	cps
Iron	56-2	93141683	94032347	92444802	93206277	0.85	cps
Iron	57-2	2307263	2330501	2300524	2312763	0.68	cps
Lead	206-1	5494845	5505976	5555284	5518702	0.58	cps
Lead	207-1	4915152	4920755	4945320	4927076	0.33	cps
Lead	208-1	22135407	22300651	22350729	22262263	0.51	cps
Lithium	6-1	2187842	2223261	2222727	2211277	0.92	cps
Magnesium	24-2	16751684	16498189	16481194	16577022	0.91	cps
Manganese	55-2	2501004	2519524	2502216	2507582	0.41	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5450898	5450862	5466083	5455948	0.16	cps
Molybdenum	94-1	6284166	6367901	6241710	6297925	1.02	cps
Molybdenum	95-1	3406259	3381008	3346238	3377835	0.89	cps
Molybdenum	96-1	4389913	4376231	4347627	4371257	0.49	cps
Molybdenum	97-1	2089593	2103771	2085710	2093025	0.45	cps
Neodymium	150-1	480	513	493	496	3.38	cps
Neodymium	150-2	80	47	43	57	35.78	cps
Nickel	60-2	983732	990897	977797	984142	0.67	cps
Phosphorus	31-2	77024	76991	76279	76765	0.55	cps
Potassium	39-2	7931237	7944822	7888221	7921427	0.37	cps
Rhodium	103-1	10733705	10850022	10885976	10823234	0.74	cps
Rhodium	103-2	5324278	5350930	5312332	5329180	0.37	cps
Scandium	45-1	7785615	7781125	7724461	7763734	0.44	cps
Scandium	45-2	356018	354036	349905	353320	0.88	cps
Selenium	77-2	5331	5314	5108	5251	2.37	cps
Selenium	78-2	17540	17581	17568	17563	0.12	cps
Selenium	82-1	112834	112105	113037	112659	0.43	cps
Silicon	28-1	4772168	4876135	4880576	4842960	1.27	cps
Silver	109-1	8414731	8463404	8460822	8446319	0.32	cps
Silver	107-1	8688909	8774092	8742723	8735241	0.49	cps
Sodium	23-2	31997738	31825927	31465478	31763048	0.86	cps
Strontium	86-1	2545306	2547748	2539751	2544268	0.16	cps
Strontium	88-1	22087204	21893979	21848974	21943386	0.58	cps
Sulfur	34-1	1559108	1555921	1561656	1558895	0.18	cps
Terbium	159-1	15342559	15515636	15401183	15419793	0.57	cps
Terbium	159-2	7723022	7752928	7690277	7722076	0.41	cps
Thallium	203-1	6868325	6912965	7008124	6929805	1.03	cps
Thallium	205-1	16185076	16493014	16695610	16457900	1.56	cps
Tin	118-1	5753304	5760093	5780819	5764739	0.25	cps
Titanium	47-1	1032143	1030787	1022325	1028418	0.52	cps
Uranium	238-1	21983022	22414479	22375212	22257571	1.07	cps
Vanadium	51-2	1836439	1839316	1812240	1829332	0.81	cps
Yttrium	89-1	12221276	12150107	12162201	12177861	0.31	cps
Yttrium	89-2	1815143	1818294	1789533	1807657	0.87	cps
Zinc	66-2	770301	771280	763255	768279	0.57	cps
Zirconium	90-1	11955597	12011719	12065965	12011094	0.46	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:13:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2660223	2664929	2662055	2662402	0.09	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:16:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2707469	2680809	2695866	2694715	0.50	cps
Antimony	121-1	14552213	14438731	14403216	14464720	0.54	cps
Arsenic	75-2	534010	535285	536754	535349	0.26	cps
Barium	135-1	17273408	16902401	17178635	17118148	1.13	cps
Barium	137-1	29776705	29248942	29618778	29548142	0.92	cps
Beryllium	9-1	2861093	2832794	2879141	2857676	0.82	cps
Bismuth	209-1	9452069	9562800	9583903	9532924	0.74	cps
Bismuth	209-2	5751673	5808237	5791699	5783870	0.50	cps
Boron	11-1	1936808	1949731	1985294	1957277	1.28	cps
Boron	10-1	387291	383203	393832	388109	1.38	cps
Cadmium	106-1	405745	403186	408252	405728	0.62	cps
Cadmium	108-1	264848	265105	270161	266705	1.12	cps
Cadmium	111-1	3634269	3603272	3645583	3627708	0.60	cps
Calcium	43-1	4222281	4197826	4279554	4233220	0.99	cps
Calcium	44-1	68492220	68919566	69111341	68841043	0.46	cps
Chromium	52-2	4604819	4647953	4646574	4633115	0.53	cps
Cobalt	59-2	7530760	7355630	7410331	7432240	1.21	cps
Copper	63-2	10829901	10843089	10827956	10833649	0.08	cps
Dysprosium	156-1	250	225	250	242	5.97	cps
Dysprosium	156-2	53	97	63	71	31.91	cps
Erbium	164-1	158	133	108	133	18.75	cps
Erbium	164-2	60	33	50	48	28.20	cps
Gadolinium	160-1	133	183	183	167	17.32	cps
Gadolinium	160-2	80	90	110	93	16.37	cps
Holmium	165-1	14853809	14840086	15102636	14932177	0.99	cps
Holmium	165-2	7802245	7883356	7767602	7817734	0.76	cps
Indium	115-1	11426814	11464179	11425963	11438985	0.19	cps
Indium	115-2	2265788	2256394	2261462	2261215	0.21	cps
Iron	56-2	191217021	191258215	191568032	191347756	0.10	cps
Iron	57-2	4770546	4732552	4750196	4751098	0.40	cps
Lead	206-1	11246963	11359959	11455637	11354186	0.92	cps
Lead	207-1	10271213	10191198	10441649	10301354	1.24	cps
Lead	208-1	45593297	45384084	46314311	45763897	1.07	cps
Lithium	6-1	2183241	2158031	2170888	2170720	0.58	cps
Magnesium	24-2	33937565	33421833	33491968	33617122	0.83	cps
Manganese	55-2	5158129	5169593	5164788	5164170	0.11	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:16:51 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11258008	11323162	11253017	11278063	0.35	cps
Molybdenum	94-1	12870868	12923102	12809159	12867710	0.44	cps
Molybdenum	95-1	6963783	6895433	6951572	6936929	0.53	cps
Molybdenum	96-1	8955094	8894262	9054260	8967872	0.90	cps
Molybdenum	97-1	4305797	4291276	4304308	4300460	0.19	cps
Neodymium	150-1	980	980	987	982	0.39	cps
Neodymium	150-2	133	73	80	96	34.42	cps
Nickel	60-2	1991292	1984900	1978382	1984858	0.33	cps
Phosphorus	31-2	155940	157204	155342	156162	0.61	cps
Potassium	39-2	16387219	16305563	16252451	16315078	0.42	cps
Rhodium	103-1	10653014	10555260	10605189	10604487	0.46	cps
Rhodium	103-2	5232488	5203751	5213162	5216467	0.28	cps
Scandium	45-1	7715413	7688574	7834426	7746138	1.00	cps
Scandium	45-2	354815	357894	358448	357052	0.55	cps
Selenium	77-2	10994	10567	10471	10677	2.61	cps
Selenium	78-2	35677	35777	36561	36005	1.34	cps
Selenium	82-1	226740	223942	227485	226055	0.83	cps
Silicon	28-1	8724335	8654260	8851937	8743511	1.15	cps
Silver	109-1	17052862	16807671	17222182	17027571	1.22	cps
Silver	107-1	17531918	17603034	17600120	17578357	0.23	cps
Sodium	23-2	65488281	64751435	64718804	64986173	0.67	cps
Strontium	86-1	5214474	5153650	5214325	5194150	0.68	cps
Strontium	88-1	44923303	44883831	45282374	45029836	0.49	cps
Sulfur	34-1	2310153	2307218	2329125	2315499	0.51	cps
Terbium	159-1	15331783	15364870	15325364	15340672	0.14	cps
Terbium	159-2	7661614	7659796	7696113	7672508	0.27	cps
Thallium	203-1	13867265	13981204	14019510	13955993	0.57	cps
Thallium	205-1	33134302	33184134	33604084	33307507	0.77	cps
Tin	118-1	11719195	11753011	11697420	11723209	0.24	cps
Titanium	47-1	2102302	2062714	2101895	2088970	1.09	cps
Uranium	238-1	46056629	45522352	46447108	46008697	1.01	cps
Vanadium	51-2	3774000	3788542	3790532	3784358	0.24	cps
Yttrium	89-1	12166587	12112918	12145809	12141771	0.22	cps
Yttrium	89-2	1809959	1796181	1804079	1803406	0.38	cps
Zinc	66-2	1540167	1533264	1546541	1539990	0.43	cps
Zirconium	90-1	24707710	24757794	24577373	24680959	0.38	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:16:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5564446	5485732	5578553	5542911	0.90	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14656788	14732342	14951705	14780278	1.04	cps
Antimony	121-1	68325	73694	80356	74125	8.13	cps
Arsenic	75-2	774	813	789	792	2.48	cps
Barium	135-1	7761	7677	7469	7636	1.97	cps
Barium	137-1	14500	13098	12882	13493	6.51	cps
Beryllium	9-1	606	539	533	559	7.19	cps
Bismuth	209-1	8582648	8631584	8555161	8589798	0.45	cps
Bismuth	209-2	5208920	5248118	5249155	5235398	0.44	cps
Boron	11-1	58146	52617	48813	53192	8.82	cps
Boron	10-1	11513	10162	10162	10612	7.35	cps
Cadmium	106-1	4418	4201	4226	4281	2.77	cps
Cadmium	108-1	96	63	42	67	40.98	cps
Cadmium	111-1	3704	3493	3466	3554	3.67	cps
Calcium	43-1	21492359	21384959	21470348	21449222	0.26	cps
Calcium	44-1	348060141	349175799	346559691	347931877	0.38	cps
Chromium	52-2	92018	93635	93484	93046	0.96	cps
Cobalt	59-2	9517	10277	9807	9867	3.89	cps
Copper	63-2	17874	18302	18302	18159	1.36	cps
Dysprosium	156-1	233	333	167	244	34.32	cps
Dysprosium	156-2	93	103	123	107	14.32	cps
Erbium	164-1	125	150	92	122	23.95	cps
Erbium	164-2	60	50	50	53	10.83	cps
Gadolinium	160-1	233	200	283	239	17.56	cps
Gadolinium	160-2	153	123	107	128	18.51	cps
Holmium	165-1	14444913	14392314	14446504	14427910	0.21	cps
Holmium	165-2	7566930	7654578	7587855	7603121	0.60	cps
Indium	115-1	11170216	11052597	11192592	11138468	0.68	cps
Indium	115-2	2250509	2258918	2258477	2255968	0.21	cps
Iron	56-2	981816111	984662644	980049755	982176170	0.24	cps
Iron	57-2	24305712	24316973	24461679	24361455	0.36	cps
Lead	206-1	23877	23794	23688	23787	0.40	cps
Lead	207-1	19565	19598	19865	19676	0.84	cps
Lead	208-1	91391	91457	91429	91426	0.04	cps
Lithium	6-1	2043653	2032319	2033488	2036487	0.31	cps
Magnesium	24-2	178857654	178717704	178992246	178855868	0.08	cps
Manganese	55-2	19326	18872	18966	19055	1.26	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	49513	56455	60990	55653	10.39	cps
Molybdenum	94-1	21100	21968	24146	22405	7.01	cps
Molybdenum	95-1	30675	34409	37676	34253	10.23	cps
Molybdenum	96-1	39289	41378	45724	42130	7.79	cps
Molybdenum	97-1	19764	21434	23111	21436	7.81	cps
Neodymium	150-1	193	233	233	220	10.50	cps
Neodymium	150-2	73	123	73	90	32.08	cps
Nickel	60-2	24694	24270	24227	24397	1.06	cps
Phosphorus	31-2	467	450	308	408	21.31	cps
Potassium	39-2	86077617	86811239	87688871	86859242	0.93	cps
Rhodium	103-1	9868235	9867675	9761231	9832380	0.63	cps
Rhodium	103-2	4797554	4835800	4809529	4814294	0.41	cps
Scandium	45-1	7601454	7520565	7511089	7544369	0.66	cps
Scandium	45-2	362108	363904	366798	364270	0.65	cps
Selenium	77-2	20	23	17	20	16.65	cps
Selenium	78-2	200	133	170	168	19.89	cps
Selenium	82-1	154	-35	199	106	117.12	cps
Silicon	28-1	937484	929774	932009	933089	0.43	cps
Silver	109-1	3117	2950	2792	2953	5.50	cps
Silver	107-1	3434	3309	2934	3226	8.07	cps
Sodium	23-2	340541958	343555358	342667091	342254802	0.45	cps
Strontium	86-1	152208	152392	154855	153151	0.97	cps
Strontium	88-1	1291152	1291314	1291254	1291240	0.01	cps
Sulfur	34-1	756995	760763	767389	761715	0.69	cps
Terbium	159-1	14856709	14808249	14832190	14832382	0.16	cps
Terbium	159-2	7548425	7595119	7564555	7569366	0.31	cps
Thallium	203-1	5443	5035	4876	5118	5.72	cps
Thallium	205-1	13599	11881	12039	12506	7.59	cps
Tin	118-1	11380	12573	14091	12681	10.71	cps
Titanium	47-1	1834	2009	1992	1945	4.97	cps
Uranium	238-1	10588	9304	9029	9640	8.63	cps
Vanadium	51-2	1400	1343	1377	1373	2.07	cps
Yttrium	89-1	11548262	11739419	11809560	11699080	1.16	cps
Yttrium	89-2	1791086	1788899	1795202	1791729	0.18	cps
Zinc	66-2	6338	6352	6625	6438	2.51	cps
Zirconium	90-1	6652	6277	6869	6599	4.54	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:20:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1458	1592	1417	1489	6.14	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:24:25 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78012	77635	76832	77493	0.78	cps
Antimony	121-1	3045758	3030061	2974053	3016624	1.25	cps
Arsenic	75-2	114159	115680	114435	114758	0.71	cps
Barium	135-1	354602	350496	352025	352374	0.59	cps
Barium	137-1	618573	619120	618484	618726	0.06	cps
Beryllium	9-1	292441	290837	298647	293975	1.40	cps
Bismuth	209-1	10039448	10063352	10189134	10097311	0.80	cps
Bismuth	209-2	6234670	6237867	6209411	6227316	0.25	cps
Boron	11-1	1044673	1045369	1047555	1045866	0.14	cps
Boron	10-1	207462	212092	211138	210231	1.16	cps
Cadmium	106-1	79381	81476	78049	79635	2.17	cps
Cadmium	108-1	41523	40859	40817	41067	0.96	cps
Cadmium	111-1	404621	407981	403508	405370	0.57	cps
Calcium	43-1	100608	100607	102463	101226	1.06	cps
Calcium	44-1	1577660	1585096	1572340	1578365	0.41	cps
Chromium	52-2	491270	487408	486029	488236	0.56	cps
Cobalt	59-2	823669	829076	827978	826908	0.35	cps
Copper	63-2	601203	605741	603007	603317	0.38	cps
Dysprosium	156-1	42	92	67	67	37.50	cps
Dysprosium	156-2	20	30	3	18	75.79	cps
Erbium	164-1	117	117	150	128	15.06	cps
Erbium	164-2	53	70	87	70	23.81	cps
Gadolinium	160-1	167	100	150	139	24.98	cps
Gadolinium	160-2	77	67	77	73	7.87	cps
Holmium	165-1	15445277	15444483	15229854	15373205	0.81	cps
Holmium	165-2	8137445	8210811	8114110	8154122	0.62	cps
Indium	115-1	12280890	12496965	12555920	12444592	1.16	cps
Indium	115-2	2474063	2483515	2458921	2472166	0.50	cps
Iron	56-2	4168200	4174956	4166393	4169850	0.11	cps
Iron	57-2	103602	103636	103323	103520	0.17	cps
Lead	206-1	2339795	2333175	2331981	2334984	0.18	cps
Lead	207-1	1999051	1986848	1991041	1992313	0.31	cps
Lead	208-1	9255810	9194006	9244019	9231278	0.36	cps
Lithium	6-1	2260143	2240385	2275740	2258756	0.78	cps
Magnesium	24-2	451901	458227	452298	454142	0.78	cps
Manganese	55-2	275300	274685	274854	274946	0.12	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:24:25	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5507102	5499521	5592697	5533107	0.94	cps
Molybdenum	94-1	6328796	6354327	6289299	6324141	0.52	cps
Molybdenum	95-1	3412741	3416998	3389463	3406401	0.44	cps
Molybdenum	96-1	4442450	4365672	4367077	4391733	1.00	cps
Molybdenum	97-1	2132103	2105173	2107608	2114961	0.70	cps
Neodymium	150-1	53	20	53	42	45.58	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	222822	223520	222884	223075	0.17	cps
Phosphorus	31-2	383	392	408	394	3.23	cps
Potassium	39-2	790636	793751	786830	790405	0.44	cps
Rhodium	103-1	11611227	11812897	11610635	11678253	1.00	cps
Rhodium	103-2	5695732	5762226	5693815	5717257	0.68	cps
Scandium	45-1	8252888	8165776	8160109	8192924	0.63	cps
Scandium	45-2	391408	391523	391360	391430	0.02	cps
Selenium	77-2	2390	2357	2210	2319	4.13	cps
Selenium	78-2	7941	7949	8006	7965	0.45	cps
Selenium	82-1	48761	48597	48686	48681	0.17	cps
Silicon	28-1	4358717	4402988	4371634	4377780	0.52	cps
Silver	109-1	1788117	1799465	1798650	1795410	0.35	cps
Silver	107-1	1868927	1891691	1863071	1874563	0.81	cps
Sodium	23-2	1503446	1513542	1514755	1510581	0.41	cps
Strontium	86-1	2242876	2227473	2275392	2248580	1.09	cps
Strontium	88-1	19753466	19700241	19840420	19764709	0.36	cps
Sulfur	34-1	808357	810763	804253	807791	0.41	cps
Terbium	159-1	15962151	15907704	15926211	15932022	0.17	cps
Terbium	159-2	8068906	8071734	7966907	8035849	0.74	cps
Thallium	203-1	2927521	2907518	2897784	2910941	0.52	cps
Thallium	205-1	7060938	6993611	7012749	7022433	0.49	cps
Tin	118-1	5755349	5816285	5817437	5796357	0.61	cps
Titanium	47-1	1029423	1026437	1030896	1028918	0.22	cps
Uranium	238-1	21494420	21699162	21985219	21726267	1.13	cps
Vanadium	51-2	399256	402315	399015	400195	0.46	cps
Yttrium	89-1	12943196	12915590	12992421	12950402	0.30	cps
Yttrium	89-2	1913094	1941418	1928047	1927520	0.74	cps
Zinc	66-2	171031	170892	170873	170932	0.05	cps
Zirconium	90-1	11868103	11968654	12002229	11946329	0.58	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:24:25	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2603080	2598249	2627431	2609587	0.60	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-04-28 16:34:12 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	92	75	29.40	cps
Antimony	121-1	10479	15426	19064	14990	28.75	cps
Arsenic	75-2	133	120	146	133	9.72	cps
Barium	135-1	58	75	92	75	22.22	cps
Barium	137-1	117	108	33	86	53.30	cps
Beryllium	9-1	128	150	156	144	10.18	cps
Bismuth	209-1	10149080	10081447	10066026	10098851	0.44	cps
Bismuth	209-2	6176000	6113302	6202221	6163841	0.74	cps
Boron	11-1	10788	10637	10763	10729	0.75	cps
Boron	10-1	1925	2017	2167	2036	5.99	cps
Cadmium	106-1	4801	4267	4568	4545	5.88	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Cadmium	111-1	3360	3014	3204	3193	5.43	cps
Calcium	43-1	400	500	350	417	18.33	cps
Calcium	44-1	20532	19764	19455	19917	2.78	cps
Chromium	52-2	1277	1253	1357	1296	4.18	cps
Cobalt	59-2	127	113	110	117	7.56	cps
Copper	63-2	2590	2630	2557	2593	1.42	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	7	30	27	21	59.77	cps
Gadolinium	160-1	75	108	142	108	30.77	cps
Gadolinium	160-2	53	50	30	44	28.39	cps
Holmium	165-1	15395811	15250813	15215371	15287332	0.63	cps
Holmium	165-2	8089052	8015427	8112337	8072272	0.63	cps
Indium	115-1	12571286	12595764	12704650	12623900	0.56	cps
Indium	115-2	2504058	2499389	2510690	2504713	0.23	cps
Iron	56-2	9509	9492	9353	9451	0.90	cps
Iron	57-2	194	256	261	237	15.61	cps
Lead	206-1	2467	2589	2517	2524	2.43	cps
Lead	207-1	1995	2139	2250	2128	6.02	cps
Lead	208-1	9968	9841	10085	9965	1.23	cps
Lithium	6-1	2178021	2166669	2158958	2167883	0.44	cps
Magnesium	24-2	600	483	333	472	28.31	cps
Manganese	55-2	33	67	70	57	35.79	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:34:12	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2934	3709	5418	4020	31.62	cps
Molybdenum	94-1	1450	1867	2300	1872	22.70	cps
Molybdenum	95-1	1458	2267	2875	2200	32.31	cps
Molybdenum	96-1	1950	2767	3867	2862	33.62	cps
Molybdenum	97-1	1158	1775	1742	1558	22.26	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	477	503	690	557	20.88	cps
Phosphorus	31-2	417	300	325	347	17.69	cps
Potassium	39-2	58851	59018	59688	59186	0.75	cps
Rhodium	103-1	11757102	11674063	11778350	11736505	0.47	cps
Rhodium	103-2	5748166	5714251	5733124	5731847	0.30	cps
Scandium	45-1	8167105	8126316	8142847	8145423	0.25	cps
Scandium	45-2	390417	388400	391733	390183	0.43	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	131	130	133	131	1.41	cps
Selenium	82-1	137	34	-63	36	277.14	cps
Silicon	28-1	606747	602726	602196	603890	0.41	cps
Silver	109-1	308	242	233	261	15.74	cps
Silver	107-1	342	250	217	269	24.02	cps
Sodium	23-2	45311	46181	45186	45559	1.19	cps
Strontium	86-1	6318	7035	6368	6574	6.09	cps
Strontium	88-1	400	317	392	369	12.42	cps
Sulfur	34-1	829672	829684	837226	832194	0.52	cps
Terbium	159-1	16046573	15893543	16062454	16000857	0.58	cps
Terbium	159-2	7976243	8057354	8013616	8015738	0.51	cps
Thallium	203-1	933	800	758	831	11.01	cps
Thallium	205-1	1900	1859	1984	1914	3.33	cps
Tin	118-1	1242	1592	2400	1745	34.06	cps
Titanium	47-1	92	125	100	106	16.44	cps
Uranium	238-1	175	408	217	267	46.67	cps
Vanadium	51-2	27	13	23	21	32.88	cps
Yttrium	89-1	12855686	13001846	12978667	12945400	0.61	cps
Yttrium	89-2	1937507	1927159	1942695	1935787	0.41	cps
Zinc	66-2	150	233	190	191	21.81	cps
Zirconium	90-1	1292	1500	1650	1481	12.16	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:34:12	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	225	408	311	29.63	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14779401	14666028	14612264	14685898	0.58	cps
Antimony	121-1	24388	25032	26568	25329	4.42	cps
Arsenic	75-2	337	287	293	306	8.97	cps
Barium	135-1	5343	5210	5693	5415	4.61	cps
Barium	137-1	9712	9662	9946	9773	1.55	cps
Beryllium	9-1	961	878	922	920	4.53	cps
Bismuth	209-1	9459498	9369791	9554754	9461348	0.98	cps
Bismuth	209-2	5714107	5731036	5718157	5721100	0.15	cps
Boron	11-1	12773	13165	12255	12731	3.58	cps
Boron	10-1	2517	2534	2634	2561	2.46	cps
Cadmium	106-1	4509	4101	4743	4451	7.30	cps
Cadmium	108-1	4367	4568	4359	4431	2.66	cps
Cadmium	111-1	4975	4637	5565	5059	9.29	cps
Calcium	43-1	4459590	4462228	4487430	4469750	0.34	cps
Calcium	44-1	73244116	72844006	73409283	73165802	0.40	cps
Chromium	52-2	100251	100003	101047	100434	0.54	cps
Cobalt	59-2	9947	9807	9413	9722	2.85	cps
Copper	63-2	50982	50423	51504	50970	1.06	cps
Dysprosium	156-1	67	83	67	72	13.33	cps
Dysprosium	156-2	40	33	37	37	9.10	cps
Erbium	164-1	133	67	108	103	32.77	cps
Erbium	164-2	27	53	40	40	33.33	cps
Gadolinium	160-1	150	108	158	139	19.29	cps
Gadolinium	160-2	97	110	83	97	13.79	cps
Holmium	165-1	15232885	15386582	15198110	15272526	0.66	cps
Holmium	165-2	8030336	7967766	8036480	8011527	0.47	cps
Indium	115-1	12027792	12113431	12223491	12121571	0.81	cps
Indium	115-2	2389398	2404839	2414212	2402816	0.52	cps
Iron	56-2	417930920	415381854	415848387	416387054	0.33	cps
Iron	57-2	10316746	10219629	10275028	10270468	0.47	cps
Lead	206-1	54980	53843	54713	54512	1.09	cps
Lead	207-1	42630	41916	42825	42457	1.13	cps
Lead	208-1	203811	200604	202640	202352	0.80	cps
Lithium	6-1	2085333	2087052	2093986	2088790	0.22	cps
Magnesium	24-2	37844868	37608054	37551138	37668020	0.41	cps
Manganese	55-2	21810	21917	21963	21896	0.36	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	23387990	23166890	23473360	23342747	0.68	cps
Molybdenum	94-1	8182374	8057119	8153888	8131127	0.81	cps
Molybdenum	95-1	14274706	14208641	14406276	14296541	0.70	cps
Molybdenum	96-1	15296753	15441937	15387991	15375561	0.48	cps
Molybdenum	97-1	9061600	8921417	9041377	9008131	0.84	cps
Neodymium	150-1	93	47	73	71	32.92	cps
Neodymium	150-2	40	37	33	37	9.10	cps
Nickel	60-2	12669	12452	12662	12594	0.98	cps
Phosphorus	31-2	881166	874737	870450	875451	0.62	cps
Potassium	39-2	37257524	36800717	36743496	36933912	0.76	cps
Rhodium	103-1	11073460	11014841	10979300	11022534	0.43	cps
Rhodium	103-2	5359227	5362649	5353351	5358409	0.09	cps
Scandium	45-1	8048378	7996507	8130058	8058314	0.84	cps
Scandium	45-2	387524	388549	382546	386206	0.83	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	144	144	113	134	13.57	cps
Selenium	82-1	92	-7	-7	26	221.81	cps
Silicon	28-1	826207	823396	820965	823523	0.32	cps
Silver	109-1	1525	1975	2125	1875	16.65	cps
Silver	107-1	1959	1917	2142	2006	5.97	cps
Sodium	23-2	73815847	73296160	72938297	73350102	0.60	cps
Strontium	86-1	164998	165493	165040	165177	0.17	cps
Strontium	88-1	1389702	1393209	1395211	1392707	0.20	cps
Sulfur	34-1	6286990	6269136	6303553	6286560	0.27	cps
Terbium	159-1	15786516	15633270	15848445	15756077	0.70	cps
Terbium	159-2	7964763	7898848	7927451	7930354	0.42	cps
Thallium	203-1	983	1158	1083	1075	8.17	cps
Thallium	205-1	2559	2992	2800	2784	7.80	cps
Tin	118-1	3442	3759	3859	3687	5.90	cps
Titanium	47-1	4376745	4323239	4368370	4356118	0.66	cps
Uranium	238-1	1909	2000	2025	1978	3.11	cps
Vanadium	51-2	670	760	780	737	7.95	cps
Yttrium	89-1	12683915	12818328	12599922	12700722	0.87	cps
Yttrium	89-2	1901885	1895396	1896587	1897956	0.18	cps
Zinc	66-2	10838	10481	10360	10560	2.35	cps
Zirconium	90-1	6202	6068	6293	6188	1.83	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:37:44	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1308	1267	1442	1339	6.83	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14868213	14842647	14812856	14841239	0.19	cps
Antimony	121-1	329728	330439	331964	330710	0.35	cps
Arsenic	75-2	11614	11823	11525	11654	1.31	cps
Barium	135-1	77013	77015	78748	77592	1.29	cps
Barium	137-1	136944	136154	135883	136327	0.40	cps
Beryllium	9-1	57392	58111	57754	57753	0.62	cps
Bismuth	209-1	9266941	9393261	9372508	9344237	0.72	cps
Bismuth	209-2	5709622	5742821	5765568	5739337	0.49	cps
Boron	11-1	94243	93530	96449	94741	1.61	cps
Boron	10-1	18963	20381	19146	19497	3.96	cps
Cadmium	106-1	14983	14575	14575	14711	1.60	cps
Cadmium	108-1	10204	10354	10625	10394	2.05	cps
Cadmium	111-1	82311	81316	82387	82005	0.73	cps
Calcium	43-1	4510314	4502105	4510623	4507681	0.11	cps
Calcium	44-1	73844162	73771579	73739200	73784980	0.07	cps
Chromium	52-2	203812	203795	203683	203763	0.03	cps
Cobalt	59-2	175280	176871	176639	176264	0.49	cps
Copper	63-2	172857	172000	173245	172701	0.37	cps
Dysprosium	156-1	67	50	108	75	40.06	cps
Dysprosium	156-2	47	43	23	38	33.41	cps
Erbium	164-1	108	158	167	144	21.84	cps
Erbium	164-2	67	77	83	76	11.10	cps
Gadolinium	160-1	192	183	175	183	4.55	cps
Gadolinium	160-2	100	107	100	102	3.77	cps
Holmium	165-1	15414316	15424191	15262578	15367029	0.59	cps
Holmium	165-2	8045244	7932625	8104938	8027602	1.09	cps
Indium	115-1	12185859	12194446	12271237	12217180	0.38	cps
Indium	115-2	2406801	2434818	2442662	2428093	0.78	cps
Iron	56-2	418369754	418737754	422376221	419827909	0.53	cps
Iron	57-2	10312722	10444460	10363467	10373550	0.64	cps
Lead	206-1	283857	287161	282409	284476	0.86	cps
Lead	207-1	234347	233456	231509	233104	0.62	cps
Lead	208-1	1084806	1089406	1081258	1085157	0.38	cps
Lithium	6-1	2056844	2073688	2063322	2064618	0.41	cps
Magnesium	24-2	37925058	38505707	38389746	38273504	0.80	cps
Manganese	55-2	79644	78458	80582	79562	1.34	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	24072197	24220236	24008546	24100327	0.45	cps
Molybdenum	94-1	8844125	8824149	8830821	8833032	0.12	cps
Molybdenum	95-1	14805791	14821550	14745361	14790901	0.27	cps
Molybdenum	96-1	15932374	16041561	15855774	15943237	0.59	cps
Molybdenum	97-1	9331428	9284786	9245542	9287252	0.46	cps
Neodymium	150-1	93	153	87	111	33.04	cps
Neodymium	150-2	27	30	27	28	6.92	cps
Nickel	60-2	56070	55274	56602	55982	1.19	cps
Phosphorus	31-2	883080	887118	885970	885390	0.23	cps
Potassium	39-2	37712478	37747152	37713761	37724464	0.05	cps
Rhodium	103-1	11177260	11234293	11016416	11142656	1.01	cps
Rhodium	103-2	5374361	5427744	5441318	5414474	0.65	cps
Scandium	45-1	8139551	8168215	8146588	8151451	0.18	cps
Scandium	45-2	395174	394814	396063	395350	0.16	cps
Selenium	77-2	257	223	220	233	8.69	cps
Selenium	78-2	915	963	911	930	3.11	cps
Selenium	82-1	4878	4995	4712	4862	2.92	cps
Silicon	28-1	1321873	1326272	1329864	1326003	0.30	cps
Silver	109-1	337695	337945	337509	337716	0.06	cps
Silver	107-1	352642	355937	354218	354266	0.47	cps
Sodium	23-2	73993727	74373154	74419554	74262145	0.31	cps
Strontium	86-1	383892	381001	380485	381793	0.48	cps
Strontium	88-1	3268001	3270584	3259492	3266026	0.18	cps
Sulfur	34-1	6297550	6281335	6269479	6282788	0.22	cps
Terbium	159-1	15691544	15852973	15824561	15789693	0.55	cps
Terbium	159-2	7971340	7946593	7948738	7955557	0.17	cps
Thallium	203-1	284696	283265	279941	282634	0.86	cps
Thallium	205-1	678753	685584	669465	677934	1.19	cps
Tin	118-1	544769	544782	547240	545597	0.26	cps
Titanium	47-1	4493241	4477903	4502845	4491330	0.28	cps
Uranium	238-1	1990890	1985938	2006843	1994557	0.55	cps
Vanadium	51-2	83394	83407	84011	83604	0.42	cps
Yttrium	89-1	12790119	12834976	12794783	12806626	0.19	cps
Yttrium	89-2	1918074	1918828	1931382	1922761	0.39	cps
Zinc	66-2	28204	28077	28391	28224	0.56	cps
Zirconium	90-1	1135648	1134780	1123449	1131292	0.60	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:41:11	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	249980	248898	252507	250462	0.74	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1513137	1503756	1500937	1505943	0.42	cps
Antimony	121-1	7563133	7429381	7296358	7429624	1.80	cps
Arsenic	75-2	289009	290965	289937	289970	0.34	cps
Barium	135-1	8992898	8893221	8954537	8946885	0.56	cps
Barium	137-1	15392819	15352010	15467259	15404029	0.38	cps
Beryllium	9-1	1377574	1362979	1373006	1371186	0.54	cps
Bismuth	209-1	9695902	9735777	9705574	9712417	0.21	cps
Bismuth	209-2	5958641	5947249	5982152	5962681	0.30	cps
Boron	11-1	923743	930223	940241	931402	0.89	cps
Boron	10-1	186017	185272	191736	187675	1.88	cps
Cadmium	106-1	210001	212855	217530	213462	1.78	cps
Cadmium	108-1	139963	139487	139327	139592	0.24	cps
Cadmium	111-1	1922559	1897102	1911037	1910233	0.67	cps
Calcium	43-1	2207800	2212128	2232076	2217335	0.58	cps
Calcium	44-1	36570838	36208152	36380056	36386349	0.50	cps
Chromium	52-2	2572517	2533213	2535725	2547152	0.86	cps
Cobalt	59-2	4129925	4077817	4097453	4101732	0.64	cps
Copper	63-2	5713061	5681771	5679533	5691455	0.33	cps
Dysprosium	156-1	200	158	142	167	18.03	cps
Dysprosium	156-2	40	33	37	37	9.10	cps
Erbium	164-1	83	92	50	75	29.40	cps
Erbium	164-2	30	57	27	38	43.52	cps
Gadolinium	160-1	125	142	142	136	7.07	cps
Gadolinium	160-2	60	90	63	71	23.12	cps
Holmium	165-1	15525923	15289125	15257612	15357553	0.95	cps
Holmium	165-2	8111195	8076531	8067162	8084963	0.29	cps
Indium	115-1	12425371	12363626	12371769	12386922	0.27	cps
Indium	115-2	2466478	2462661	2471533	2466890	0.18	cps
Iron	56-2	107052155	106107358	105687541	106282351	0.66	cps
Iron	57-2	2618727	2584308	2608857	2603964	0.68	cps
Lead	206-1	5570858	5583992	5590209	5581686	0.18	cps
Lead	207-1	4982604	4980745	5011260	4991536	0.34	cps
Lead	208-1	22769948	22594616	22731174	22698579	0.41	cps
Lithium	6-1	2066301	2058838	2061470	2062203	0.18	cps
Magnesium	24-2	19033880	18763740	19102478	18966699	0.94	cps
Manganese	55-2	2832264	2807241	2811632	2817046	0.47	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5872429	5968487	5942301	5927739	0.84	cps
Molybdenum	94-1	6750300	6792462	6710002	6750922	0.61	cps
Molybdenum	95-1	3584657	3619018	3595863	3599846	0.49	cps
Molybdenum	96-1	4662103	4629051	4697282	4662812	0.73	cps
Molybdenum	97-1	2243466	2240169	2236511	2240049	0.16	cps
Neodymium	150-1	507	627	507	547	12.67	cps
Neodymium	150-2	50	63	60	58	12.01	cps
Nickel	60-2	1086722	1086968	1082889	1085527	0.21	cps
Phosphorus	31-2	90106	88906	89686	89566	0.68	cps
Potassium	39-2	9505120	9459596	9351367	9438694	0.84	cps
Rhodium	103-1	11162608	11415053	11392589	11323417	1.23	cps
Rhodium	103-2	5586077	5578537	5602836	5589150	0.22	cps
Scandium	45-1	8272463	8198023	8208912	8226466	0.49	cps
Scandium	45-2	404231	397265	396883	399460	1.04	cps
Selenium	77-2	5865	5861	6181	5969	3.08	cps
Selenium	78-2	19788	19921	19426	19712	1.30	cps
Selenium	82-1	119528	119895	120039	119821	0.22	cps
Silicon	28-1	5728785	5801269	5923601	5817885	1.69	cps
Silver	109-1	9076707	8944328	9048166	9023067	0.77	cps
Silver	107-1	9289258	9300661	9240692	9276870	0.34	cps
Sodium	23-2	37633358	37563523	37663333	37620071	0.14	cps
Strontium	86-1	2494070	2505390	2502346	2500602	0.23	cps
Strontium	88-1	21884644	21671136	21902917	21819565	0.59	cps
Sulfur	34-1	1534505	1519763	1525654	1526641	0.49	cps
Terbium	159-1	16065805	15933206	15701256	15900089	1.16	cps
Terbium	159-2	8065582	7948651	8012498	8008910	0.73	cps
Thallium	203-1	7116017	7098559	7018486	7077687	0.73	cps
Thallium	205-1	16976925	16805419	16784820	16855722	0.63	cps
Tin	118-1	6202505	6203134	6057252	6154297	1.37	cps
Titanium	47-1	1091375	1083753	1094778	1089968	0.52	cps
Uranium	238-1	22330617	22324123	22116042	22256927	0.55	cps
Vanadium	51-2	2090680	2074945	2054239	2073288	0.88	cps
Yttrium	89-1	12907064	12958560	13151613	13005746	0.99	cps
Yttrium	89-2	1968837	1944292	1954357	1955829	0.63	cps
Zinc	66-2	819968	813473	812564	815335	0.50	cps
Zirconium	90-1	12868278	12813994	12912949	12865074	0.39	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:44:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2823623	2807616	2817503	2816247	0.29	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	192	125	139	34.13	cps
Antimony	121-1	12139	16244	20316	16233	25.19	cps
Arsenic	75-2	81	76	98	85	13.58	cps
Barium	135-1	42	100	25	56	70.89	cps
Barium	137-1	50	108	108	89	37.89	cps
Beryllium	9-1	106	150	83	113	30.05	cps
Bismuth	209-1	10284627	10086325	10093542	10154831	1.11	cps
Bismuth	209-2	6138854	6154891	6180189	6157978	0.34	cps
Boron	11-1	8169	7977	8069	8072	1.19	cps
Boron	10-1	1784	1658	1667	1703	4.11	cps
Cadmium	106-1	4393	4568	4659	4540	2.99	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Cadmium	111-1	3111	3198	3265	3191	2.43	cps
Calcium	43-1	308	425	367	367	15.91	cps
Calcium	44-1	19655	19822	20281	19920	1.63	cps
Chromium	52-2	1370	1277	1497	1381	8.00	cps
Cobalt	59-2	57	103	97	86	29.50	cps
Copper	63-2	3164	2894	3547	3202	10.26	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	108	33	50	64	61.65	cps
Erbium	164-2	27	20	10	19	44.42	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	33	70	57	53	34.80	cps
Holmium	165-1	15560167	15521705	15421000	15500957	0.46	cps
Holmium	165-2	8098635	8063773	8210143	8124183	0.94	cps
Indium	115-1	13006295	12716133	12853610	12858679	1.13	cps
Indium	115-2	2510139	2515504	2527713	2517785	0.36	cps
Iron	56-2	8936	12597	8825	10120	21.21	cps
Iron	57-2	206	250	189	215	14.71	cps
Lead	206-1	2284	2072	1972	2109	7.53	cps
Lead	207-1	1839	1984	1656	1826	9.00	cps
Lead	208-1	8774	8379	8151	8435	3.73	cps
Lithium	6-1	2081901	2071831	2060786	2071506	0.51	cps
Magnesium	24-2	333	742	317	464	51.91	cps
Manganese	55-2	67	83	60	70	17.17	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2934	4501	5985	4473	34.11	cps
Molybdenum	94-1	1458	1867	2742	2022	32.42	cps
Molybdenum	95-1	1792	2625	3609	2675	34.00	cps
Molybdenum	96-1	2292	3217	4126	3212	28.55	cps
Molybdenum	97-1	1217	1734	2450	1800	34.41	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	437	570	530	512	13.36	cps
Phosphorus	31-2	375	367	358	367	2.27	cps
Potassium	39-2	59403	60507	59847	59919	0.93	cps
Rhodium	103-1	12074201	11985708	12038036	12032649	0.37	cps
Rhodium	103-2	5747037	5761257	5796828	5768374	0.44	cps
Scandium	45-1	8210089	8248524	8195576	8218063	0.33	cps
Scandium	45-2	397079	392055	395437	394857	0.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	93	128	139	120	20.18	cps
Selenium	82-1	140	-107	-74	-14	-989.09	cps
Silicon	28-1	601164	605089	605090	603781	0.38	cps
Silver	109-1	158	200	250	203	22.63	cps
Silver	107-1	300	383	275	319	17.76	cps
Sodium	23-2	38341	39219	37715	38425	1.97	cps
Strontium	86-1	6652	6393	6869	6638	3.58	cps
Strontium	88-1	275	325	275	292	9.90	cps
Sulfur	34-1	824078	823625	818315	822006	0.39	cps
Terbium	159-1	16102175	16112114	16017629	16077306	0.32	cps
Terbium	159-2	8119815	7985248	7907318	8004127	1.34	cps
Thallium	203-1	567	550	550	556	1.73	cps
Thallium	205-1	1233	1158	1383	1258	9.10	cps
Tin	118-1	1033	1092	1575	1233	24.11	cps
Titanium	47-1	208	133	158	167	22.91	cps
Uranium	238-1	142	158	158	153	6.30	cps
Vanadium	51-2	27	43	17	29	46.62	cps
Yttrium	89-1	13203881	13213425	13145705	13187670	0.28	cps
Yttrium	89-2	1940785	1930599	1950249	1940544	0.51	cps
Zinc	66-2	237	190	200	209	11.76	cps
Zirconium	90-1	1133	1208	1450	1264	13.09	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 16:58:22	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	300	175	236	26.49	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:01:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	33	64	41.93	cps
Antimony	121-1	4167	5084	5943	5065	17.53	cps
Arsenic	75-2	50	67	57	58	14.39	cps
Barium	135-1	67	50	42	53	24.12	cps
Barium	137-1	92	58	100	83	26.46	cps
Beryllium	9-1	83	83	61	76	16.90	cps
Bismuth	209-1	10140688	9988303	10048570	10059187	0.76	cps
Bismuth	209-2	6098773	6156822	6136709	6130768	0.48	cps
Boron	11-1	6160	5860	5943	5988	2.59	cps
Boron	10-1	1200	1392	1100	1231	12.05	cps
Cadmium	106-1	4593	4176	4501	4423	4.95	cps
Cadmium	108-1	17	38	38	31	39.36	cps
Cadmium	111-1	3224	2918	3133	3091	5.09	cps
Calcium	43-1	475	392	467	444	10.33	cps
Calcium	44-1	21049	20774	20515	20779	1.29	cps
Chromium	52-2	1333	1317	1270	1307	2.51	cps
Cobalt	59-2	97	103	90	97	6.90	cps
Copper	63-2	2957	3150	2957	3021	3.70	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	92	58	67	72	24.02	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	100	125	75	100	25.00	cps
Gadolinium	160-2	63	70	40	58	27.26	cps
Holmium	165-1	15291315	15422774	15555811	15423300	0.86	cps
Holmium	165-2	8007380	7999683	7998363	8001809	0.06	cps
Indium	115-1	12782725	12795671	12737260	12771885	0.24	cps
Indium	115-2	2512580	2505452	2517840	2511957	0.25	cps
Iron	56-2	8275	8408	8158	8280	1.51	cps
Iron	57-2	194	144	211	183	18.92	cps
Lead	206-1	1972	2084	1861	1972	5.63	cps
Lead	207-1	1645	1617	1589	1617	1.72	cps
Lead	208-1	7596	7634	7540	7590	0.63	cps
Lithium	6-1	2057537	2040312	2068260	2055369	0.69	cps
Magnesium	24-2	283	317	300	300	5.55	cps
Manganese	55-2	60	80	43	61	30.04	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:01:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1608	2100	3259	2323	36.48	cps
Molybdenum	94-1	933	1092	1450	1158	22.85	cps
Molybdenum	95-1	1225	1325	2009	1520	28.06	cps
Molybdenum	96-1	1142	1650	2459	1750	37.95	cps
Molybdenum	97-1	700	1008	1383	1031	33.21	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	607	437	507	517	16.54	cps
Phosphorus	31-2	308	392	283	328	17.31	cps
Potassium	39-2	58976	59704	59386	59355	0.62	cps
Rhodium	103-1	11930367	11945135	11941456	11938986	0.06	cps
Rhodium	103-2	5719283	5763326	5747927	5743512	0.39	cps
Scandium	45-1	8327983	8282048	8248524	8286185	0.48	cps
Scandium	45-2	389440	391721	396174	392445	0.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	139	128	159	142	11.25	cps
Selenium	82-1	47	-42	-176	-57	-196.09	cps
Silicon	28-1	609601	606582	606018	607400	0.32	cps
Silver	109-1	258	167	192	206	23.05	cps
Silver	107-1	308	275	325	303	8.41	cps
Sodium	23-2	36846	37497	37281	37208	0.89	cps
Strontium	86-1	6152	7244	7002	6799	8.44	cps
Strontium	88-1	375	375	300	350	12.37	cps
Sulfur	34-1	824515	816509	815119	818714	0.62	cps
Terbium	159-1	16024715	15779294	16008822	15937610	0.86	cps
Terbium	159-2	8046526	8006697	7983763	8012329	0.40	cps
Thallium	203-1	425	475	492	464	7.48	cps
Thallium	205-1	967	900	1050	972	7.73	cps
Tin	118-1	592	767	1192	850	36.30	cps
Titanium	47-1	225	250	183	219	15.35	cps
Uranium	238-1	50	125	117	97	42.28	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	13096787	12960201	13135982	13064323	0.71	cps
Yttrium	89-2	1928731	1940824	1953075	1940877	0.63	cps
Zinc	66-2	123	177	147	149	17.96	cps
Zirconium	90-1	1242	1108	1192	1181	5.71	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:01:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	217	333	283	21.21	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5301	5893	5251	5482	6.51	cps
Antimony	121-1	59653	60708	60005	60122	0.89	cps
Arsenic	75-2	1115	1191	1198	1168	3.95	cps
Barium	135-1	63512	62357	62885	62918	0.92	cps
Barium	137-1	110386	110035	107910	109443	1.22	cps
Beryllium	9-1	5596	5279	5290	5388	3.34	cps
Bismuth	209-1	10092580	10090368	10026390	10069779	0.37	cps
Bismuth	209-2	6088306	6135453	6103835	6109198	0.39	cps
Boron	11-1	86691	89021	87268	87660	1.38	cps
Boron	10-1	17069	17678	17786	17511	2.21	cps
Cadmium	106-1	5034	5451	5501	5329	4.81	cps
Cadmium	108-1	554	654	567	592	9.21	cps
Cadmium	111-1	10426	10372	10510	10436	0.67	cps
Calcium	43-1	40080	40030	39588	39899	0.68	cps
Calcium	44-1	666802	667370	655122	663098	1.04	cps
Chromium	52-2	20665	20434	20551	20550	0.56	cps
Cobalt	59-2	15915	15732	15151	15600	2.56	cps
Copper	63-2	26564	26751	26664	26660	0.35	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	108	108	92	103	9.36	cps
Erbium	164-2	43	40	50	44	11.46	cps
Gadolinium	160-1	58	75	100	78	26.96	cps
Gadolinium	160-2	43	57	40	47	18.90	cps
Holmium	165-1	15600587	15393300	15539623	15511170	0.69	cps
Holmium	165-2	8071986	8043465	8123260	8079570	0.50	cps
Indium	115-1	12855661	12832580	12515078	12734440	1.49	cps
Indium	115-2	2523568	2531566	2530737	2528624	0.17	cps
Iron	56-2	1514117	1511447	1509071	1511545	0.17	cps
Iron	57-2	37203	38050	37838	37697	1.17	cps
Lead	206-1	26098	26566	27067	26577	1.82	cps
Lead	207-1	23215	23354	23416	23328	0.44	cps
Lead	208-1	105148	106023	106451	105874	0.63	cps
Lithium	6-1	2059746	2061713	2071990	2064483	0.32	cps
Magnesium	24-2	344675	346046	343271	344664	0.40	cps
Manganese	55-2	5494	5841	5691	5676	3.06	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	103870	103138	101888	102965	0.97	cps
Molybdenum	94-1	52924	53351	53158	53144	0.40	cps
Molybdenum	95-1	63961	64003	62589	63517	1.27	cps
Molybdenum	96-1	73607	72217	70860	72228	1.90	cps
Molybdenum	97-1	40325	39247	40885	40152	2.07	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4511	4654	4921	4695	4.43	cps
Phosphorus	31-2	325	333	458	372	20.07	cps
Potassium	39-2	396967	392878	392118	393988	0.66	cps
Rhodium	103-1	11827095	11948655	11820921	11865557	0.61	cps
Rhodium	103-2	5775742	5841130	5800252	5805708	0.57	cps
Scandium	45-1	8282553	8312007	8151861	8248807	1.03	cps
Scandium	45-2	397161	398809	399211	398394	0.27	cps
Selenium	77-2	113	140	87	113	23.53	cps
Selenium	78-2	454	472	511	479	6.12	cps
Selenium	82-1	2262	2234	2239	2245	0.68	cps
Silicon	28-1	788837	795429	793107	792458	0.42	cps
Silver	109-1	34819	33850	33841	34170	1.64	cps
Silver	107-1	35429	35254	35645	35443	0.55	cps
Sodium	23-2	702588	705140	701120	702949	0.29	cps
Strontium	86-1	14950	15926	15292	15389	3.22	cps
Strontium	88-1	79412	78632	77728	78591	1.07	cps
Sulfur	34-1	815610	811615	817176	814800	0.35	cps
Terbium	159-1	16154291	15920789	15907613	15994231	0.87	cps
Terbium	159-2	8070014	8123367	8021754	8071712	0.63	cps
Thallium	203-1	26310	25651	26227	26063	1.38	cps
Thallium	205-1	62079	63151	61594	62275	1.28	cps
Tin	118-1	110255	111742	109130	110376	1.19	cps
Titanium	47-1	19439	20106	19146	19564	2.51	cps
Uranium	238-1	79069	78079	77610	78253	0.95	cps
Vanadium	51-2	37662	37842	37702	37735	0.25	cps
Yttrium	89-1	13081710	13070555	13105146	13085804	0.13	cps
Yttrium	89-2	1964863	1966682	1951835	1961127	0.41	cps
Zinc	66-2	3250	3370	3407	3343	2.45	cps
Zirconium	90-1	45398	45315	45415	45376	0.12	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	PB98340BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:05:23	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10838	9896	10288	10340	4.58	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	125	100	22.05	cps
Antimony	121-1	1592	1909	2150	1884	14.87	cps
Arsenic	75-2	30	44	24	33	32.19	cps
Barium	135-1	92	67	42	67	37.50	cps
Barium	137-1	117	100	67	94	26.96	cps
Beryllium	9-1	67	78	67	70	9.11	cps
Bismuth	209-1	10544588	10401625	10382656	10442956	0.85	cps
Bismuth	209-2	6275175	6240887	6351497	6289186	0.90	cps
Boron	11-1	6452	6210	6285	6316	1.96	cps
Boron	10-1	1517	1142	1133	1264	17.33	cps
Cadmium	106-1	4893	4793	4634	4773	2.73	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Cadmium	111-1	3427	3350	3239	3339	2.82	cps
Calcium	43-1	917	1125	1092	1045	10.71	cps
Calcium	44-1	29071	29205	29121	29132	0.23	cps
Chromium	52-2	1193	1240	1353	1262	6.52	cps
Cobalt	59-2	60	73	93	76	22.21	cps
Copper	63-2	3360	3324	3324	3336	0.63	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	83	75	25	61	51.63	cps
Erbium	164-2	13	30	47	30	55.57	cps
Gadolinium	160-1	125	108	125	119	8.06	cps
Gadolinium	160-2	53	63	77	64	18.17	cps
Holmium	165-1	16101709	16028887	15904791	16011795	0.62	cps
Holmium	165-2	8326017	8434408	8337614	8366013	0.71	cps
Indium	115-1	13193895	13359065	13192272	13248411	0.72	cps
Indium	115-2	2574636	2595055	2586524	2585405	0.40	cps
Iron	56-2	11266	10893	10638	10932	2.89	cps
Iron	57-2	311	289	256	285	9.80	cps
Lead	206-1	2245	2006	2167	2139	5.70	cps
Lead	207-1	2011	2095	1811	1972	7.38	cps
Lead	208-1	8929	8501	8590	8674	2.60	cps
Lithium	6-1	2141729	2136457	2110535	2129573	0.78	cps
Magnesium	24-2	550	633	500	561	12.00	cps
Manganese	55-2	123	193	167	161	21.93	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4468	4734	5326	4843	9.07	cps
Molybdenum	94-1	1884	2042	2017	1981	4.30	cps
Molybdenum	95-1	2584	2809	3276	2889	12.21	cps
Molybdenum	96-1	3151	3209	3851	3403	11.41	cps
Molybdenum	97-1	1625	1934	2192	1917	14.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	517	550	553	540	3.76	cps
Phosphorus	31-2	350	325	433	369	15.35	cps
Potassium	39-2	59478	60249	60592	60106	0.95	cps
Rhodium	103-1	12550623	12332323	12344723	12409223	0.99	cps
Rhodium	103-2	6080228	5983697	6067208	6043711	0.87	cps
Scandium	45-1	8665699	8510648	8500507	8558951	1.08	cps
Scandium	45-2	406775	407696	406248	406907	0.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	89	117	139	115	21.82	cps
Selenium	82-1	18	-22	-88	-31	-174.36	cps
Silicon	28-1	594426	596075	593907	594803	0.19	cps
Silver	109-1	350	283	233	289	20.26	cps
Silver	107-1	383	425	500	436	13.56	cps
Sodium	23-2	38200	39695	38150	38682	2.27	cps
Strontium	86-1	6435	6935	6318	6563	4.99	cps
Strontium	88-1	1658	1400	1425	1495	9.53	cps
Sulfur	34-1	817378	827470	812381	819076	0.94	cps
Terbium	159-1	16612918	16416488	16582332	16537246	0.64	cps
Terbium	159-2	8361619	8260580	8213786	8278661	0.91	cps
Thallium	203-1	300	283	350	311	11.15	cps
Thallium	205-1	725	750	692	722	4.05	cps
Tin	118-1	742	967	1033	914	16.72	cps
Titanium	47-1	200	167	158	175	12.60	cps
Uranium	238-1	142	58	100	100	41.66	cps
Vanadium	51-2	17	30	10	19	53.91	cps
Yttrium	89-1	13808314	13629548	13479514	13639125	1.21	cps
Yttrium	89-2	2003957	2015720	2015130	2011602	0.33	cps
Zinc	66-2	247	287	347	293	17.16	cps
Zirconium	90-1	1025	967	1167	1053	9.77	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-03	Instrumnet Name :	P7
Client Sample ID :	MF4A03	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:08:53	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	258	108	211	42.21	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-04	Instrumnet Name :	P7
Client Sample ID :	MF4A04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:12:23	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	208	142	197	25.82	cps
Antimony	121-1	1108	1467	1734	1436	21.84	cps
Arsenic	75-2	39	37	43	40	7.15	cps
Barium	135-1	117	167	100	128	27.15	cps
Barium	137-1	75	300	167	181	62.66	cps
Beryllium	9-1	106	72	78	85	20.97	cps
Bismuth	209-1	10239654	10171653	10302371	10237893	0.64	cps
Bismuth	209-2	6208441	6210028	6210374	6209614	0.02	cps
Boron	11-1	4626	4851	4959	4812	3.53	cps
Boron	10-1	958	975	1067	1000	5.83	cps
Cadmium	106-1	4618	4026	4626	4423	7.78	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	3257	2818	3241	3105	8.02	cps
Calcium	43-1	892	933	967	931	4.04	cps
Calcium	44-1	28278	28420	28003	28234	0.75	cps
Chromium	52-2	1153	1227	1313	1231	6.51	cps
Cobalt	59-2	63	77	73	71	9.76	cps
Copper	63-2	3230	2974	3207	3137	4.53	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	27	33	10	23	51.50	cps
Gadolinium	160-1	108	142	75	108	30.77	cps
Gadolinium	160-2	53	40	40	44	17.32	cps
Holmium	165-1	15881746	15918329	15831289	15877121	0.28	cps
Holmium	165-2	8239648	8346837	8288828	8291771	0.65	cps
Indium	115-1	13045439	12856757	12953223	12951806	0.73	cps
Indium	115-2	2554208	2569995	2557074	2560426	0.33	cps
Iron	56-2	13112	12217	13223	12850	4.29	cps
Iron	57-2	411	417	344	391	10.29	cps
Lead	206-1	2206	2234	1939	2126	7.65	cps
Lead	207-1	1822	1811	1750	1795	2.17	cps
Lead	208-1	8540	8379	7901	8273	4.02	cps
Lithium	6-1	2077779	2059243	2094163	2077062	0.84	cps
Magnesium	24-2	858	825	833	839	2.07	cps
Manganese	55-2	230	197	220	216	7.94	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-04	Instrumnet Name :	P7
Client Sample ID :	MF4A04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:12:23	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2642	2917	3359	2973	12.17	cps
Molybdenum	94-1	1283	1392	1700	1458	14.82	cps
Molybdenum	95-1	1308	1884	2125	1772	23.67	cps
Molybdenum	96-1	1709	2109	2292	2036	14.65	cps
Molybdenum	97-1	967	1192	1483	1214	21.34	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	543	483	490	506	6.50	cps
Phosphorus	31-2	317	550	358	408	30.48	cps
Potassium	39-2	59930	61026	60206	60388	0.94	cps
Rhodium	103-1	12303992	12308242	12094805	12235680	1.00	cps
Rhodium	103-2	5888224	5902460	5882502	5891062	0.17	cps
Scandium	45-1	8343337	8499389	8305381	8382702	1.23	cps
Scandium	45-2	401321	404363	403551	403078	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	139	126	137	134	5.23	cps
Selenium	82-1	-119	-238	182	-58	-371.01	cps
Silicon	28-1	608310	604502	605235	606016	0.33	cps
Silver	109-1	317	275	267	286	9.36	cps
Silver	107-1	342	308	425	358	16.77	cps
Sodium	23-2	37798	37138	37865	37601	1.07	cps
Strontium	86-1	6035	6694	6560	6429	5.42	cps
Strontium	88-1	1442	1500	1467	1470	1.99	cps
Sulfur	34-1	822714	822730	825593	823679	0.20	cps
Terbium	159-1	16201629	16217115	16186439	16201728	0.09	cps
Terbium	159-2	8110065	8161370	8101966	8124467	0.40	cps
Thallium	203-1	367	375	242	328	22.79	cps
Thallium	205-1	742	800	833	792	5.86	cps
Tin	118-1	742	675	775	731	6.97	cps
Titanium	47-1	217	200	150	189	18.37	cps
Uranium	238-1	67	75	100	81	21.53	cps
Vanadium	51-2	20	37	30	29	29.04	cps
Yttrium	89-1	13297556	13327119	13211518	13278731	0.45	cps
Yttrium	89-2	1985489	1997026	1998111	1993542	0.35	cps
Zinc	66-2	547	540	500	529	4.77	cps
Zirconium	90-1	983	900	958	947	4.51	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	I2689-04	Instrumnet Name :	P7
Client Sample ID :	MF4A04	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:12:23	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	208	283	256	16.09	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1484218	1474451	1472194	1476954	0.43	cps
Antimony	121-1	7417803	7419574	7271149	7369509	1.16	cps
Arsenic	75-2	283255	283370	284352	283659	0.21	cps
Barium	135-1	8902632	8867617	8982776	8917675	0.66	cps
Barium	137-1	15270554	15220356	15470232	15320381	0.86	cps
Beryllium	9-1	1401479	1389460	1397108	1396016	0.44	cps
Bismuth	209-1	9561269	9614669	9591912	9589284	0.28	cps
Bismuth	209-2	5798308	5843660	5856151	5832706	0.52	cps
Boron	11-1	927573	931780	947523	935625	1.12	cps
Boron	10-1	186815	183604	189608	186676	1.61	cps
Cadmium	106-1	216741	214940	214188	215290	0.61	cps
Cadmium	108-1	139563	138418	139167	139049	0.42	cps
Cadmium	111-1	1899766	1876425	1886609	1887600	0.62	cps
Calcium	43-1	2192093	2192583	2194213	2192963	0.05	cps
Calcium	44-1	35967979	36169781	35991903	36043221	0.31	cps
Chromium	52-2	2478169	2484096	2490442	2484236	0.25	cps
Cobalt	59-2	3998464	4016156	4017947	4010856	0.27	cps
Copper	63-2	5592345	5616403	5599472	5602740	0.22	cps
Dysprosium	156-1	192	133	142	156	20.28	cps
Dysprosium	156-2	23	40	40	34	27.94	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	40	27	37	34	20.14	cps
Gadolinium	160-1	158	125	117	133	16.54	cps
Gadolinium	160-2	43	57	70	57	23.53	cps
Holmium	165-1	15297399	15172957	15076675	15182344	0.73	cps
Holmium	165-2	7959426	7947688	7986865	7964660	0.25	cps
Indium	115-1	12213988	12087246	12153880	12151705	0.52	cps
Indium	115-2	2396453	2394135	2422332	2404307	0.65	cps
Iron	56-2	104042388	104766905	104480847	104430047	0.35	cps
Iron	57-2	2567335	2559625	2559381	2562114	0.18	cps
Lead	206-1	5548486	5564223	5583291	5565334	0.31	cps
Lead	207-1	4960376	4976466	4988742	4975195	0.29	cps
Lead	208-1	22576402	22625546	22805375	22669108	0.53	cps
Lithium	6-1	2003300	2015912	2006542	2008585	0.33	cps
Magnesium	24-2	18759277	18423489	18658278	18613681	0.93	cps
Manganese	55-2	2745796	2753723	2750584	2750034	0.15	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5904564	5886929	5782942	5858145	1.12	cps
Molybdenum	94-1	6727911	6654601	6627806	6670106	0.78	cps
Molybdenum	95-1	3565611	3533380	3538279	3545757	0.49	cps
Molybdenum	96-1	4594197	4581943	4583199	4586447	0.15	cps
Molybdenum	97-1	2209195	2203885	2193036	2202039	0.37	cps
Neodymium	150-1	613	507	587	569	9.76	cps
Neodymium	150-2	50	53	57	53	6.25	cps
Nickel	60-2	1062589	1070217	1063764	1065523	0.39	cps
Phosphorus	31-2	88261	86769	87398	87476	0.86	cps
Potassium	39-2	9163275	9138153	9228371	9176600	0.51	cps
Rhodium	103-1	11256218	11399873	11252624	11302905	0.74	cps
Rhodium	103-2	5454317	5476060	5509977	5480118	0.51	cps
Scandium	45-1	8073267	8075588	8028341	8059065	0.33	cps
Scandium	45-2	386901	389324	391006	389077	0.53	cps
Selenium	77-2	5521	5481	5801	5601	3.11	cps
Selenium	78-2	18974	19252	19085	19103	0.73	cps
Selenium	82-1	119465	118142	118387	118665	0.59	cps
Silicon	28-1	5652435	5764610	5847124	5754723	1.70	cps
Silver	109-1	9023442	8802018	9028992	8951484	1.45	cps
Silver	107-1	9244537	9365328	9237190	9282351	0.78	cps
Sodium	23-2	37236169	36454639	36885522	36858777	1.06	cps
Strontium	86-1	2485662	2507421	2478125	2490403	0.61	cps
Strontium	88-1	21645757	21735806	21390240	21590601	0.83	cps
Sulfur	34-1	1592448	1566632	1583721	1580934	0.83	cps
Terbium	159-1	16003456	15724280	15778354	15835364	0.94	cps
Terbium	159-2	7882272	7939760	7873510	7898514	0.46	cps
Thallium	203-1	7065989	6984239	7109788	7053339	0.90	cps
Thallium	205-1	16796883	16902189	16928268	16875780	0.41	cps
Tin	118-1	5989876	5998731	6140988	6043198	1.40	cps
Titanium	47-1	1077494	1073723	1070287	1073835	0.34	cps
Uranium	238-1	22079640	22060693	22374314	22171549	0.79	cps
Vanadium	51-2	2034270	2027002	2039475	2033582	0.31	cps
Yttrium	89-1	12867621	12767602	12841725	12825650	0.40	cps
Yttrium	89-2	1915897	1890976	1903985	1903619	0.65	cps
Zinc	66-2	802345	801541	807430	803772	0.40	cps
Zirconium	90-1	12894161	12762699	12812975	12823278	0.52	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:15:54	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2804230	2793041	2776682	2791318	0.50	cps

LB Number : LB87144 Operator : Jaswal
 Lab Sample ID : CCB002 Instrumnet Name : P7
 Client Sample ID : CCB002 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	75	72	17.62	cps
Antimony	121-1	10529	14850	18638	14673	27.65	cps
Arsenic	75-2	72	74	81	76	6.45	cps
Barium	135-1	58	8	83	50	76.38	cps
Barium	137-1	150	50	58	86	64.44	cps
Beryllium	9-1	100	94	94	96	3.33	cps
Bismuth	209-1	10164530	10213329	10015758	10131206	1.02	cps
Bismuth	209-2	6113291	6102844	6105993	6107376	0.09	cps
Boron	11-1	6343	5818	5785	5982	5.24	cps
Boron	10-1	1142	1033	1142	1106	5.66	cps
Cadmium	106-1	4443	4426	4217	4362	2.88	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Cadmium	111-1	3114	3084	2954	3050	2.77	cps
Calcium	43-1	283	442	375	367	21.68	cps
Calcium	44-1	19605	18738	19680	19341	2.71	cps
Chromium	52-2	1407	1313	1323	1348	3.80	cps
Cobalt	59-2	70	110	93	91	22.05	cps
Copper	63-2	2667	2444	2600	2570	4.46	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	27	13	17	19	36.75	cps
Gadolinium	160-1	108	133	92	111	18.88	cps
Gadolinium	160-2	73	60	40	58	29.04	cps
Holmium	165-1	15522282	15439459	15395385	15452375	0.42	cps
Holmium	165-2	8115901	8052573	8005155	8057876	0.69	cps
Indium	115-1	12593044	12623013	12670746	12628934	0.31	cps
Indium	115-2	2499762	2496071	2491651	2495828	0.16	cps
Iron	56-2	6885	7085	7358	7109	3.34	cps
Iron	57-2	244	156	156	185	27.71	cps
Lead	206-1	1911	2045	1884	1946	4.43	cps
Lead	207-1	1700	1756	1661	1706	2.78	cps
Lead	208-1	7712	8012	7523	7749	3.18	cps
Lithium	6-1	2084608	2039439	2065133	2063060	1.10	cps
Magnesium	24-2	225	242	283	250	12.02	cps
Manganese	55-2	60	73	53	62	16.37	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:29:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1492	2559	3276	2442	36.76	cps
Molybdenum	94-1	992	1233	1592	1272	23.73	cps
Molybdenum	95-1	867	1525	2142	1511	42.20	cps
Molybdenum	96-1	1133	1800	2417	1784	35.99	cps
Molybdenum	97-1	775	917	1417	1036	32.54	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	443	427	533	468	12.27	cps
Phosphorus	31-2	492	308	350	383	25.07	cps
Potassium	39-2	56877	57789	59570	58078	2.36	cps
Rhodium	103-1	11986099	11855035	11900555	11913897	0.56	cps
Rhodium	103-2	5737878	5732719	5782421	5751006	0.48	cps
Scandium	45-1	8194920	8152373	8354075	8233789	1.29	cps
Scandium	45-2	393909	391824	390944	392226	0.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	117	133	117	14.29	cps
Selenium	82-1	-173	-64	-25	-87	-88.10	cps
Silicon	28-1	604772	599555	600488	601605	0.46	cps
Silver	109-1	92	158	208	153	38.31	cps
Silver	107-1	350	267	200	272	27.61	cps
Sodium	23-2	32603	32870	32695	32723	0.41	cps
Strontium	86-1	6619	6493	6744	6619	1.89	cps
Strontium	88-1	300	267	342	303	12.41	cps
Sulfur	34-1	827897	829536	812591	823341	1.14	cps
Terbium	159-1	16202546	16082615	16055991	16113717	0.48	cps
Terbium	159-2	7986246	8031651	8009099	8008998	0.28	cps
Thallium	203-1	383	417	417	406	4.74	cps
Thallium	205-1	1158	1067	1025	1083	6.30	cps
Tin	118-1	775	1083	1350	1070	26.91	cps
Titanium	47-1	217	167	208	197	13.58	cps
Uranium	238-1	175	100	108	128	32.17	cps
Vanadium	51-2	17	30	17	21	36.45	cps
Yttrium	89-1	13109631	12889368	12936409	12978469	0.89	cps
Yttrium	89-2	1944646	1936865	1937245	1939585	0.23	cps
Zinc	66-2	163	147	127	146	12.61	cps
Zirconium	90-1	1092	1117	1300	1170	9.73	cps

LB Number :	LB87144	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-04-28 17:29:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	142	292	214	35.14	cps