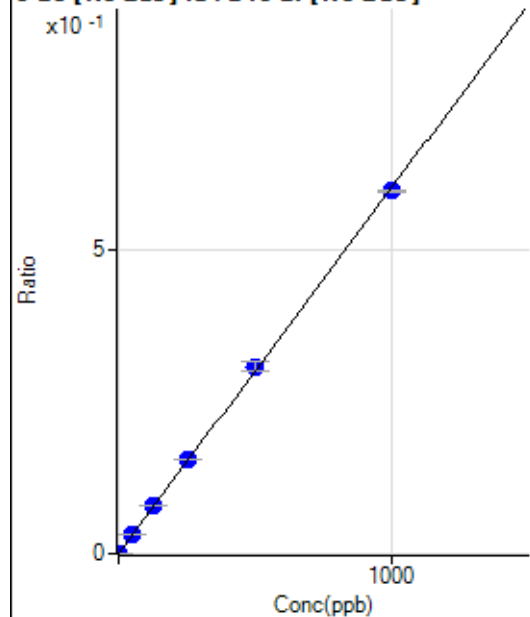


Calibration for 005CALS.d

Batch Folder: D:\ICP-MS Data\P7080819MS.b\
 Analysis File: P7080819MS.batch.bin
 DA Date-Time: 2019-08-09 13:27:12
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-08 13:20:30
2	003CALS.d	S02	2019-08-08 13:24:08
3	004CALS.d	S03	2019-08-08 13:28:33
4	005CALS.d	S04	2019-08-08 13:32:30
5	006CALS.d	S05	2019-08-08 13:36:24
6	007CALS.d	S06	2019-08-08 13:40:14
7	008CALS.d	S07	2019-08-08 13:44:03
8	009CALS.d	S08	2019-08-08 13:47:49

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	7.0
2	☐	1.000	1.002	1582.33	0.0006	P	4.0
3	☐	50.000	53.295	81908.08	0.0320	P	0.2
4	☐	125.000	129.183	190126.09	0.0775	P	0.4
5	☐	250.000	256.058	357206.18	0.1537	P	0.6
6	☐	500.000	511.898	693835.87	0.3072	P	4.8
7	☐	1000.000	991.849	1294729.94	0.5952	P	0.5
8	☐			311.12	0.0001	P	4.8

$$y = 6.0011\text{E-}004 * x + 2.0152\text{E-}005$$

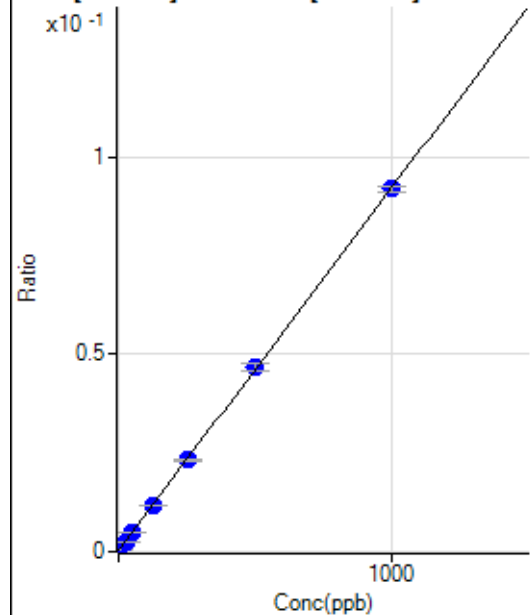
$$R = 0.9999$$

$$DL = 0.00708$$

$$BEC = 0.03358$$

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	797.28	0.0003	P	13.1
2	☐	25.000	22.882	6151.50	0.0024	P	4.9
3	☐	50.000	49.296	12391.64	0.0048	P	1.9
4	☐	125.000	125.013	28920.09	0.0118	P	1.2
5	☐	250.000	249.466	53975.49	0.0232	P	2.5
6	☐	500.000	504.848	105455.47	0.0467	P	3.7
7	☐	1000.000	997.796	199986.69	0.0919	P	1.8
8	☐			11354.71	0.0052	P	9.5

$$y = 9.1838\text{E-}005 * x + 3.1458\text{E-}004$$

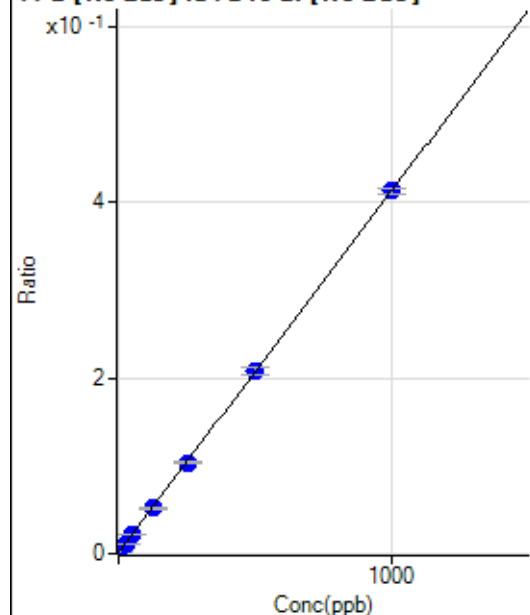
$$R = 1.0000$$

$$DL = 1.348$$

$$BEC = 3.425$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3872.87	0.0015	P	2.6
2	☐	25.000	23.776	28822.87	0.0113	P	2.9
3	☐	50.000	49.870	56473.35	0.0221	P	3.2
4	☐	125.000	122.104	127046.85	0.0518	P	2.7
5	☐	250.000	246.645	239622.94	0.1031	P	2.1
6	☐	500.000	502.344	470782.86	0.2084	P	4.5
7	☐	1000.000	1000.066	899146.12	0.4134	P	1.5
8	☐			51436.50	0.0234	P	8.9

$$y = 4.1185E-004 * x + 0.0015$$

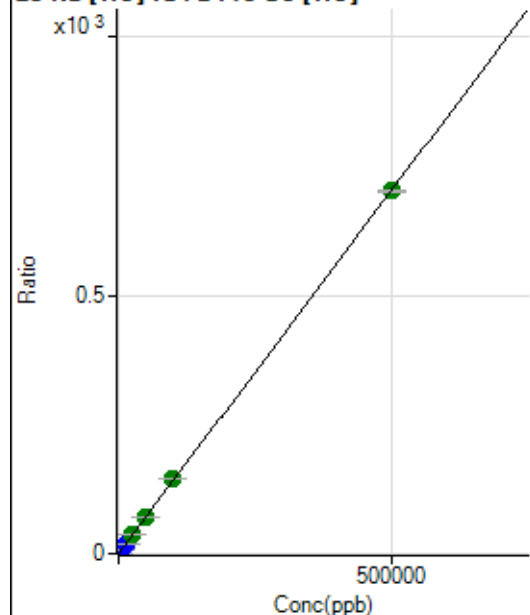
$$R = 1.0000$$

$$DL = 0.2928$$

$$BEC = 3.709$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3817.31	0.0243	P	4.7
2	☐	500.000	494.277	116082.71	0.7195	P	0.4
3	☐	5000.000	5167.234	1125130.63	7.2922	P	0.8
4	☐	12500.000	12813.254	2579652.92	18.0465	P	0.7
5	☐	25000.000	25596.408	4915171.16	36.0264	A	0.5
6	☐	50000.000	50573.645	9763062.37	71.1577	A	0.9
7	☐	100000.00	102407.42	18986240.70	144.0635	A	0.4
8	☐	500000.00	499421.83	96437463.96	702.4764	A	0.7

$$y = 0.0014 * x + 0.0243$$

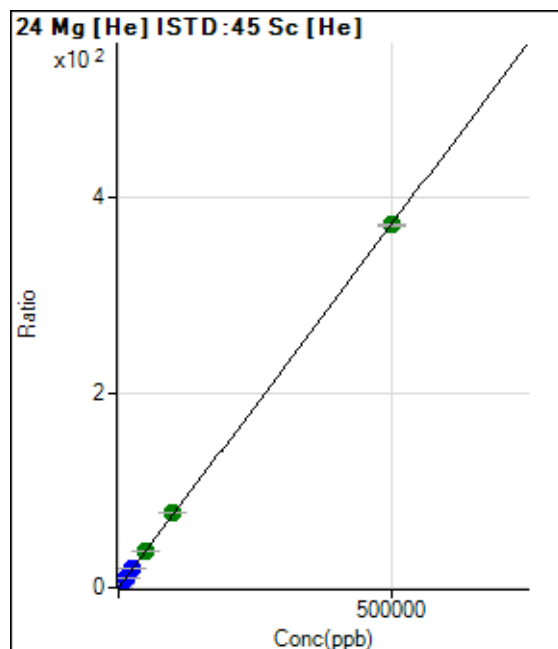
$$R = 1.0000$$

$$DL = 2.458$$

$$BEC = 17.27$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0005	P	20.8
2	☐	500.000	507.974	61195.35	0.3793	P	2.5
3	☐	5000.000	5204.905	598933.58	3.8817	P	0.6
4	☐	12500.000	12929.292	1378223.37	9.6417	P	0.4
5	☐	25000.000	25644.981	2609086.95	19.1237	P	0.4
6	☐	50000.000	51055.793	5223604.80	38.0722	A	0.8
7	☐	100000.00	102886.23	10111052.05	76.7215	A	0.4
8	☐	500000.00	499272.13	51109813.99	372.3018	A	0.7

$$y = 7.4569\text{E-}004 * x + 5.1199\text{E-}004$$

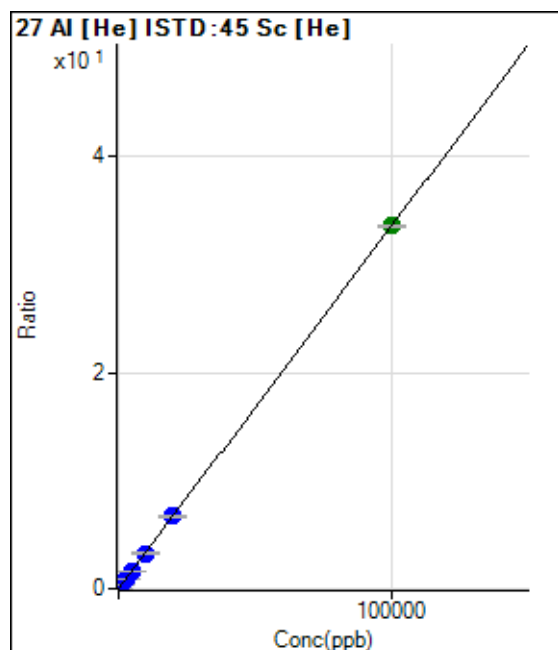
$$R = 1.0000$$

$$DL = 0.4281$$

$$BEC = 0.6866$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0001	P	34.3
2	☐	20.000	21.295	1166.77	0.0072	P	12.3
3	☐	1000.000	1028.208	53229.04	0.3450	P	1.7
4	☐	2500.000	2526.578	121160.74	0.8476	P	2.2
5	☐	5000.000	5001.993	228921.66	1.6779	P	1.4
6	☐	10000.000	9797.994	450935.79	3.2866	P	0.8
7	☐	20000.000	19885.008	879031.98	6.6701	P	0.4
8	☐	100000.00	100042.15	4606691.29	33.5573	A	0.8

$$y = 3.3543\text{E-}004 * x + 8.8248\text{E-}005$$

$$R = 1.0000$$

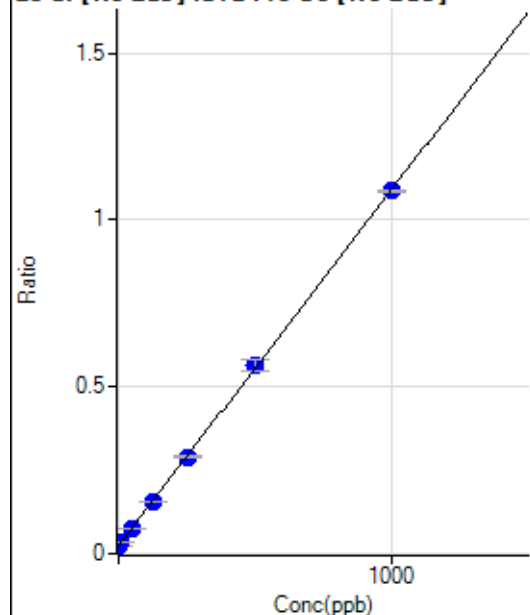
$$DL = 0.2705$$

$$BEC = 0.2631$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97785.33	0.0238	P	1.0
2	☐	10.000	9.254	138836.89	0.0336	P	0.5
3	☐	50.000	49.436	317572.28	0.0765	P	0.8
4	☐	125.000	124.737	618947.27	0.1568	P	0.5
5	☐	250.000	249.383	1075586.80	0.2897	P	0.9
6	☐	500.000	506.156	2039872.81	0.5635	P	6.6
7	☐	1000.000	997.145	3852503.08	1.0871	P	0.6
8	☐			270695.00	0.0758	P	0.9

$$y = 0.0011 * x + 0.0238$$

$$R = 1.0000$$

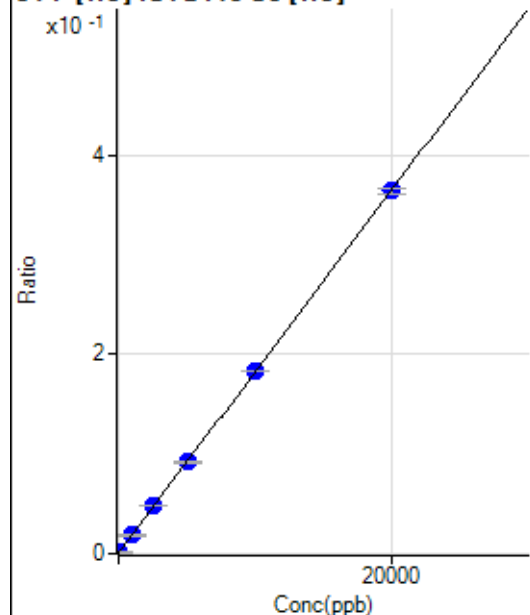
$$DL = 0.6953$$

$$BEC = 22.28$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-22.065	36.11	0.0002	P	35.6
2	☐	0.000	22.065	166.67	0.0010	P	31.4
3	☐	1000.000	1010.338	2936.51	0.0190	P	8.7
4	☐	2500.000	2621.414	6912.97	0.0484	P	1.6
5	☐	5000.000	5002.784	12514.06	0.0917	P	2.7
6	☐	10000.000	10030.875	25146.85	0.1833	P	0.1
7	☐	20000.000	19968.173	47997.74	0.3642	P	1.3
8	☐			52.78	0.0004	P	23.5

$$y = 1.8208E-005 * x + 6.3174E-004$$

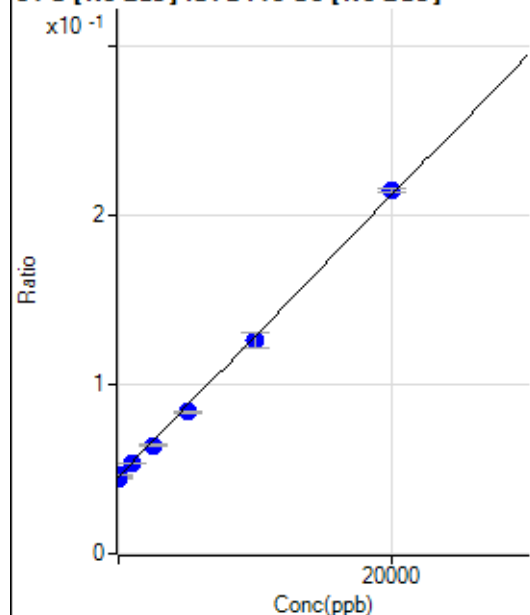
$$R = 1.0000$$

$$DL = 33.46$$

$$BEC = 34.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-106.595	184418.98	0.0448	P	1.2
2	☐	0.000	106.595	192346.15	0.0466	P	0.6
3	☐	1000.000	948.217	222545.13	0.0536	P	1.6
4	☐	2500.000	2196.565	252614.97	0.0640	P	1.5
5	☐	5000.000	4570.344	310955.73	0.0838	P	0.7
6	☐	10000.000	9700.630	457772.14	0.1265	P	6.6
7	☐	20000.000	20297.617	760820.66	0.2147	P	0.9
8	☐			147151.12	0.0412	P	0.9

$$y = 8.3261\text{E-}006 * x + 0.0457$$

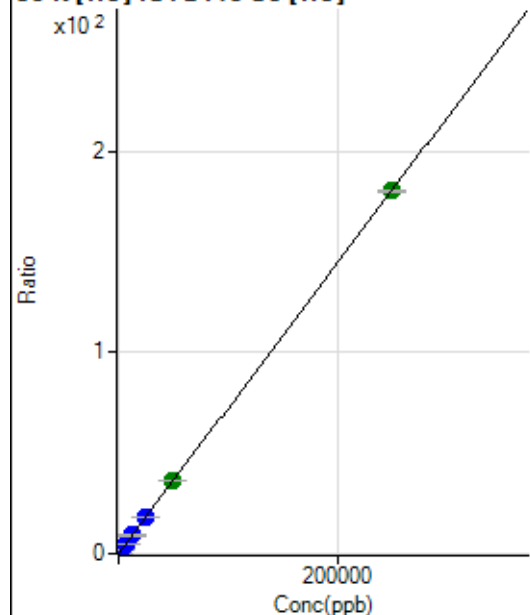
R = 0.9995

DL = 148.4

BEC = 5489

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9069.80	0.0577	P	4.6
2	☐	500.000	509.505	68570.13	0.4250	P	2.9
3	☐	2500.000	2634.540	301947.56	1.9570	P	0.7
4	☐	6250.000	6371.921	664862.94	4.6513	P	0.7
5	☐	12500.000	12524.982	1239769.13	9.0871	P	0.2
6	☐	25000.000	24898.624	2470669.35	18.0073	P	0.5
7	☐	50000.000	49733.008	4732642.99	35.9106	A	0.2
8	☐	250000.00	250057.87	24755534.24	180.3262	A	0.7

$$y = 7.2091\text{E-}004 * x + 0.0577$$

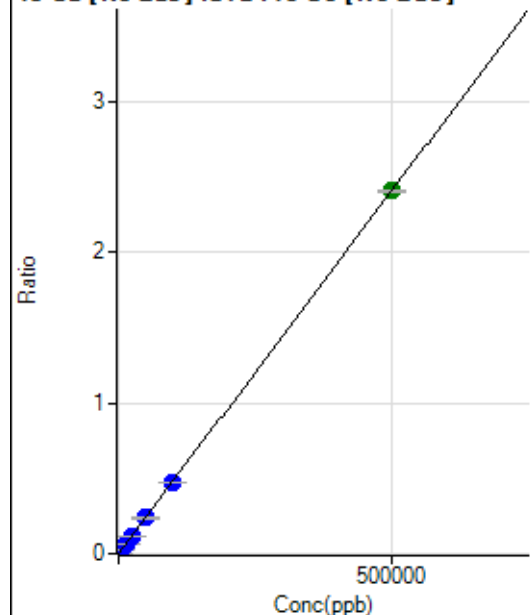
R = 1.0000

DL = 11.12

BEC = 80.05

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	105.56	0.0000	P	16.1
2	☐	500.000	501.521	10078.81	0.0024	P	4.3
3	☐	5000.000	5029.333	100702.83	0.0243	P	1.7
4	☐	12500.000	12435.525	236584.75	0.0599	P	0.5
5	☐	25000.000	24808.302	443769.15	0.1195	P	1.2
6	☐	50000.000	50084.675	873485.54	0.2413	P	6.2
7	☐	100000.00	98647.612	1683942.96	0.4752	P	1.5
8	☐	500000.00	500272.91	8603940.82	2.4098	A	0.8

$$y = 4.8170\text{E-}006 * x + 2.5644\text{E-}005$$

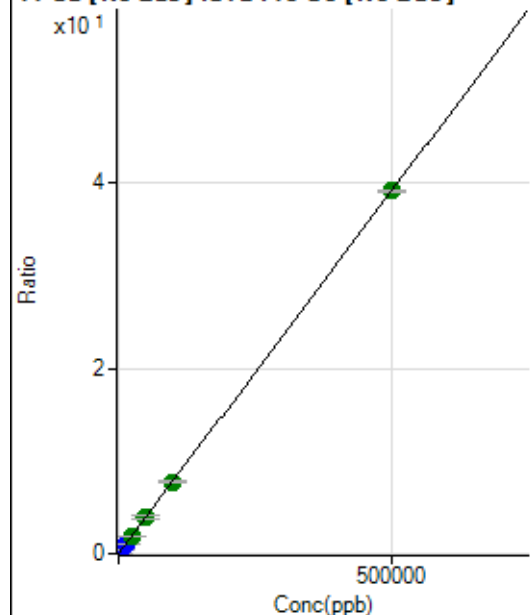
$$R = 1.0000$$

$$DL = 2.574$$

$$BEC = 5.324$$

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	6069.25	0.0015	P	2.7
2	☐	500.000	492.886	165511.41	0.0401	P	1.6
3	☐	5000.000	4971.211	1623312.73	0.3909	P	0.5
4	☐	12500.000	12272.127	3801430.86	0.9629	P	0.5
5	☐	25000.000	24733.134	7199634.01	1.9392	A	0.7
6	☐	50000.000	50190.328	14237780.18	3.9336	A	6.6
7	☐	100000.00	99099.216	27517231.87	7.7652	A	1.2
8	☐	500000.00	500180.45	139912190.6	39.1873	A	0.8

$$y = 7.8343\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

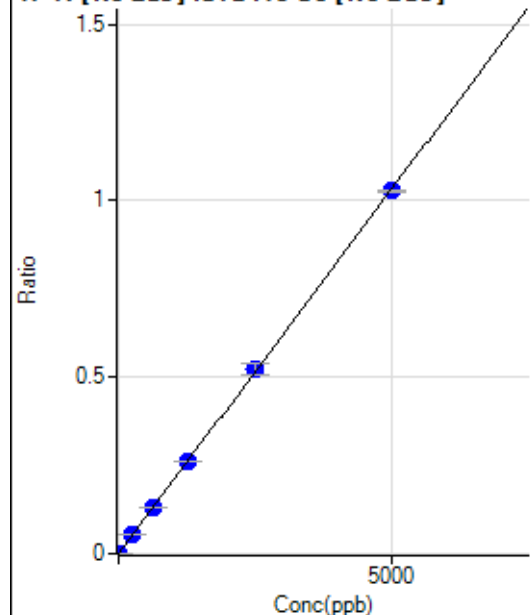
$$DL = 1.536$$

$$BEC = 18.83$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.7
2	☐	5.000	5.144	4425.86	0.0011	P	6.6
3	☐	250.000	257.837	221074.89	0.0532	P	0.5
4	☐	625.000	627.941	511826.83	0.1296	P	0.9
5	☐	1250.000	1262.652	967847.21	0.2607	P	0.5
6	☐	2500.000	2533.032	1892872.85	0.5230	P	6.6
7	☐	5000.000	4979.561	3643077.82	1.0280	P	0.6
8	☐			1452.90	0.0004	P	4.9

$$y = 2.0645E-004 * x + 1.0123E-005$$

$$R = 1.0000$$

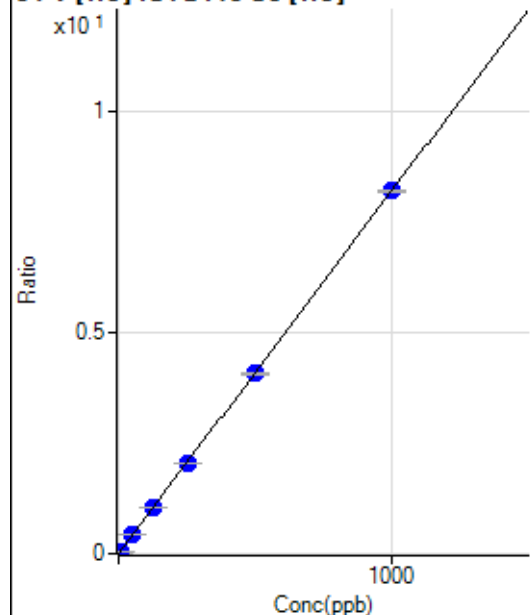
$$DL = 0.02901$$

$$BEC = 0.04903$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.7
2	☐	5.000	5.174	6840.59	0.0424	P	5.8
3	☐	50.000	52.272	66058.17	0.4281	P	0.8
4	☐	125.000	127.480	149248.02	1.0441	P	0.5
5	☐	250.000	250.731	280174.41	2.0536	P	0.3
6	☐	500.000	497.429	558977.31	4.0741	P	0.7
7	☐	1000.000	1000.678	1080100.35	8.1958	P	0.5
8	☐			203.34	0.0015	P	3.4

$$y = 0.0082 * x + 2.1098E-005$$

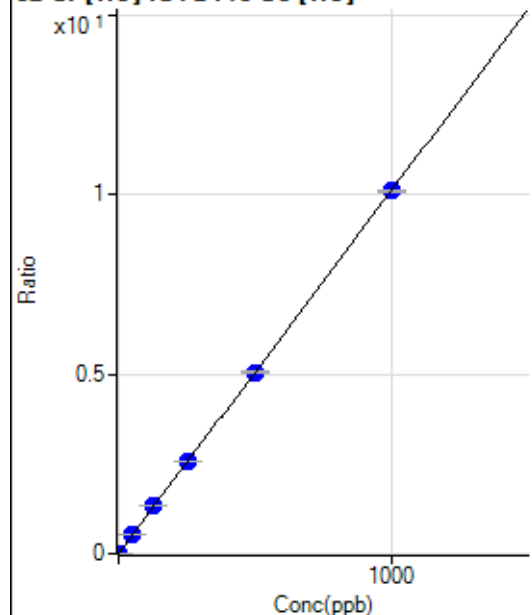
$$R = 1.0000$$

$$DL = 0.007704$$

$$BEC = 0.002576$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	271.12	0.0017	P	22.6
2	☐	2.000	2.021	3578.27	0.0222	P	2.4
3	☐	50.000	52.842	82799.99	0.5366	P	0.5
4	☐	125.000	129.668	187879.70	1.3144	P	0.1
5	☐	250.000	253.329	350109.87	2.5662	P	0.6
6	☐	500.000	499.314	693735.16	5.0563	P	0.8
7	☐	1000.000	998.785	1332686.25	10.1124	P	0.3
8	☐			23177.38	0.1689	P	2.4

$$y = 0.0101 * x + 0.0017$$

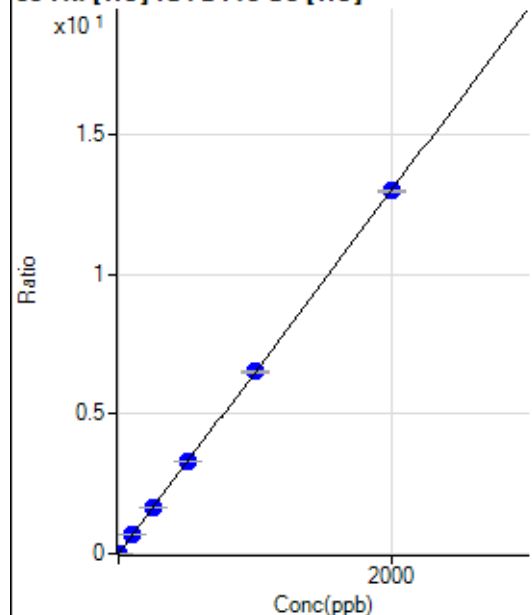
$$R = 1.0000$$

$$DL = 0.1155$$

$$BEC = 0.1703$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0001	P	60.7
2	☐	1.000	1.101	1175.62	0.0073	P	2.0
3	☐	100.000	104.117	104466.35	0.6771	P	0.6
4	☐	250.000	257.631	239450.61	1.6752	P	0.5
5	☐	500.000	508.228	450833.14	3.3044	P	0.4
6	☐	1000.000	1000.428	892455.31	6.5045	P	0.6
7	☐	2000.000	1996.569	1710736.97	12.9811	P	0.4
8	☐			6385.94	0.0465	P	2.2

$$y = 0.0065 * x + 1.2758E-004$$

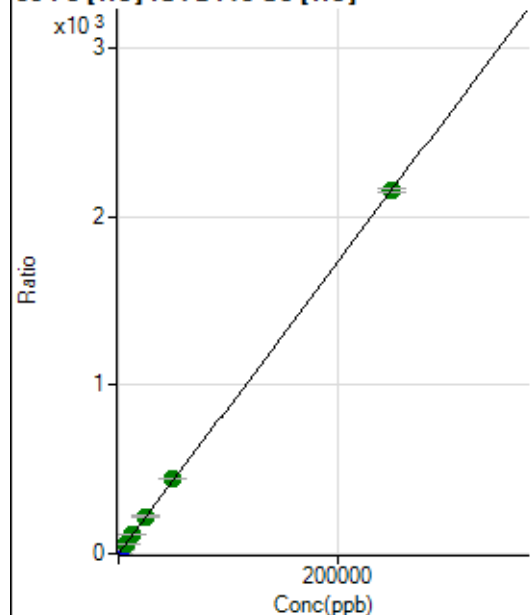
$$R = 1.0000$$

$$DL = 0.03571$$

$$BEC = 0.01962$$

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	1998.34	0.0127	P	5.6
2	☐	50.000	55.847	79700.55	0.4940	P	0.9
3	☐	2500.000	2685.633	3573048.69	23.1575	P	0.3
4	☐	6250.000	6584.077	8112584.38	56.7543	A	0.9
5	☐	12500.000	13029.328	15321292.01	112.2994	A	0.3
6	☐	25000.000	25780.242	30484128.00	222.1868	A	1.2
7	☐	50000.000	51469.570	58458651.77	443.5774	A	0.2
8	☐	250000.00	249591.38	295283099.1	2,150.990	A	1.0

$$y = 0.0086 * x + 0.0127$$

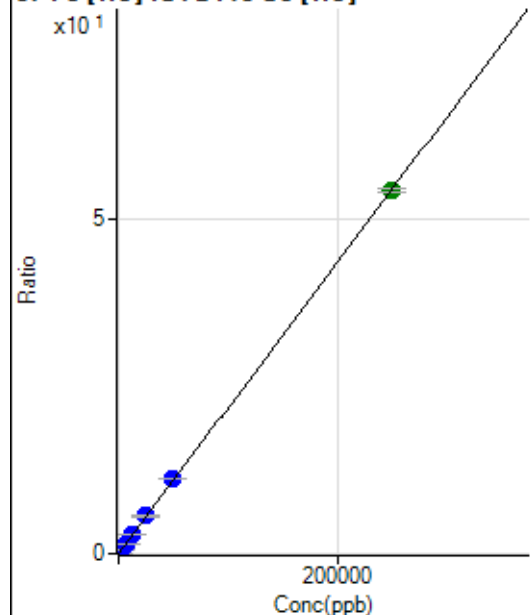
$$R = 1.0000$$

$$DL = 0.2495$$

$$BEC = 1.475$$

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	98.15	0.0006	P	25.0
2	☐	50.000	57.594	2122.43	0.0132	P	9.6
3	☐	2500.000	2716.442	91280.64	0.5916	P	1.3
4	☐	6250.000	6653.171	206985.24	1.4480	P	0.7
5	☐	12500.000	13154.804	390537.65	2.8625	P	0.7
6	☐	25000.000	25859.968	771975.02	5.6266	P	1.0
7	☐	50000.000	51825.164	1485934.71	11.2754	P	0.6
8	☐	250000.00	249503.98	7451460.58	54.2812	A	1.1

$$y = 2.1755E-004 * x + 6.2384E-004$$

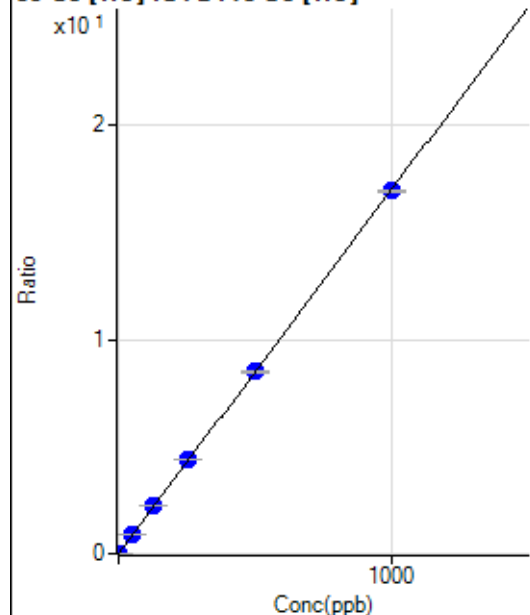
$$R = 1.0000$$

$$DL = 2.149$$

$$BEC = 2.868$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0002	P	42.5
2	☐	1.000	1.048	2904.77	0.0180	P	1.4
3	☐	50.000	53.973	141454.73	0.9168	P	0.4
4	☐	125.000	131.322	318803.98	2.2303	P	1.0
5	☐	250.000	256.879	595197.66	4.3626	P	0.4
6	☐	500.000	501.362	1168204.34	8.5144	P	1.0
7	☐	1000.000	996.610	2230450.49	16.9248	P	0.5
8	☐			26962.78	0.1964	P	0.3

$$y = 0.0170 * x + 2.0540E-004$$

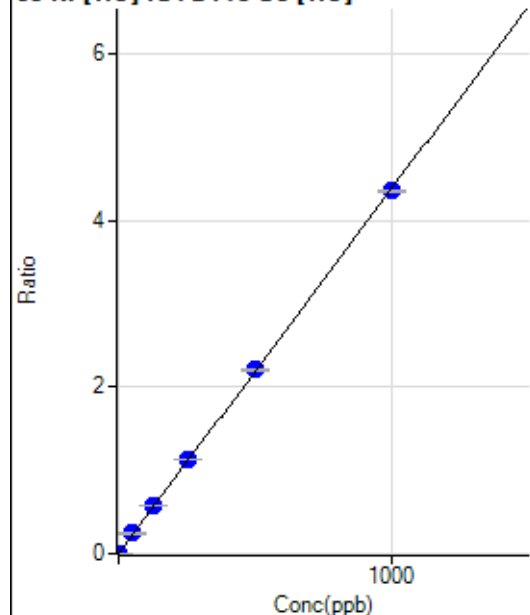
$$R = 1.0000$$

$$DL = 0.0154$$

$$BEC = 0.0121$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.45	0.0002	P	56.9
2	☐	1.000	1.121	827.82	0.0051	P	2.1
3	☐	50.000	55.486	37559.33	0.2434	P	1.0
4	☐	125.000	133.841	83888.22	0.5869	P	0.3
5	☐	250.000	258.999	154913.55	1.1355	P	1.0
6	☐	500.000	503.756	302977.63	2.2083	P	1.0
7	☐	1000.000	994.493	574494.97	4.3593	P	0.3
8	☐			11075.45	0.0807	P	1.3

$$y = 0.0044 * x + 2.1940E-004$$

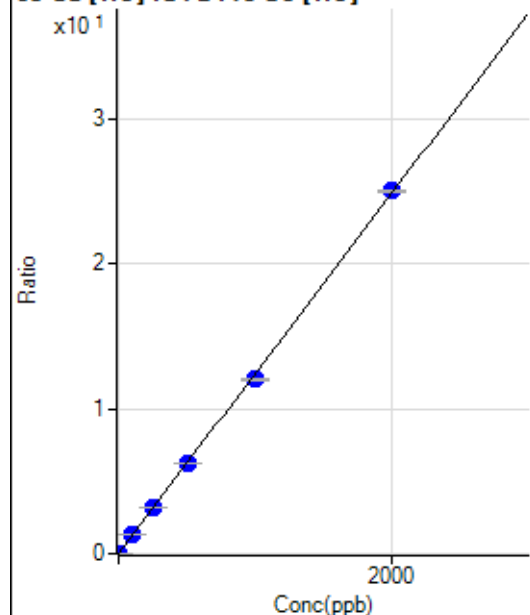
$$R = 0.9999$$

$$DL = 0.0855$$

$$BEC = 0.05006$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	357.79	0.0023	P	4.8
2	☐	2.000	2.022	4421.85	0.0274	P	1.3
3	☐	100.000	105.373	202393.40	1.3118	P	0.3
4	☐	250.000	257.191	457176.98	3.1984	P	1.2
5	☐	500.000	497.299	843458.96	6.1822	P	0.1
6	☐	1000.000	968.922	1652350.88	12.0431	P	0.9
7	☐	2000.000	2015.047	3300382.80	25.0434	P	0.5
8	☐			4767.52	0.0347	P	0.4

$$y = 0.0124 * x + 0.0023$$

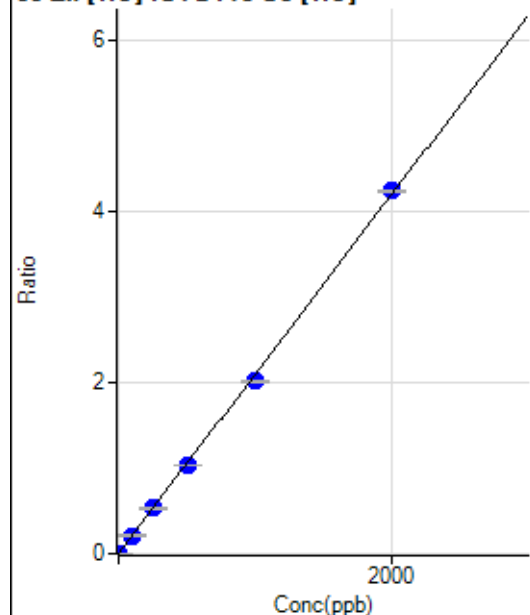
$$R = 0.9998$$

$$DL = 0.02652$$

$$BEC = 0.1832$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	203.34	0.0013	P	13.5
2	☐	2.000	2.060	906.71	0.0056	P	6.3
3	☐	100.000	100.784	32864.85	0.2130	P	1.7
4	☐	250.000	251.323	75648.03	0.5292	P	0.8
5	☐	500.000	493.125	141500.94	1.0372	P	0.9
6	☐	1000.000	960.708	277062.45	2.0194	P	1.2
7	☐	2000.000	2021.160	559699.75	4.2469	P	0.2
8	☐			5399.97	0.0393	P	3.5

$$y = 0.0021 * x + 0.0013$$

$$R = 0.9997$$

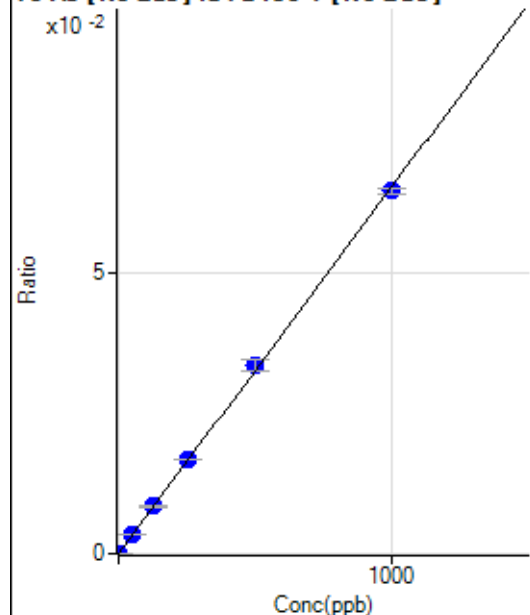
$$DL = 0.2494$$

$$BEC = 0.6155$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-106.27	0.0000	P	-90.
2	☐	1.000	1.117	1359.82	0.0001	P	10.1
3	☐	50.000	53.364	70679.34	0.0035	P	0.5
4	☐	125.000	128.852	163339.96	0.0084	P	0.9
5	☐	250.000	257.654	313573.58	0.0168	P	1.1
6	☐	500.000	514.750	620436.32	0.0337	P	5.8
7	☐	1000.000	990.062	1170944.53	0.0647	P	1.5
8	☐			1318.87	0.0001	P	20.2

$$y = 6.5396\text{E-}005 * x - 5.2868\text{E-}006$$

$$R = 0.9998$$

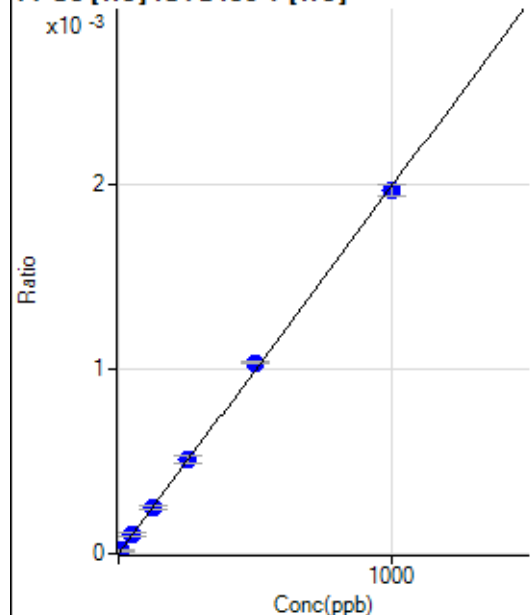
$$DL = 0.2188$$

$$BEC = -0.08084$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.876	45.55	0.0000	P	29.1
3	☐	50.000	50.974	285.57	0.0001	P	21.6
4	☐	125.000	125.050	657.80	0.0002	P	10.1
5	☐	250.000	257.218	1306.75	0.0005	P	6.8
6	☐	500.000	520.175	2644.72	0.0010	P	1.1
7	☐	1000.000	988.039	4839.77	0.0020	P	3.3
8	☐			1.11	0.0000	P	173.

$$y = 1.9939\text{E-}006 * x + 0.0000\text{E+}000$$

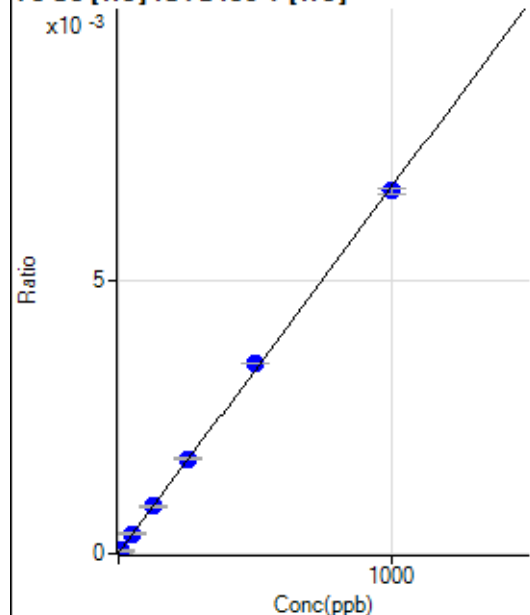
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.42	0.0000	P	20.9
2	☐	5.000	6.098	156.18	0.0001	P	15.6
3	☐	50.000	52.821	1032.76	0.0004	P	3.2
4	☐	125.000	127.333	2290.94	0.0009	P	2.9
5	☐	250.000	256.156	4418.00	0.0017	P	1.7
6	☐	500.000	517.550	8899.10	0.0035	P	0.6
7	☐	1000.000	989.248	16359.92	0.0067	P	1.9
8	☐			30.25	0.0000	P	22.7

$$y = 6.7184\text{E-}006 * x + 1.2945\text{E-}005$$

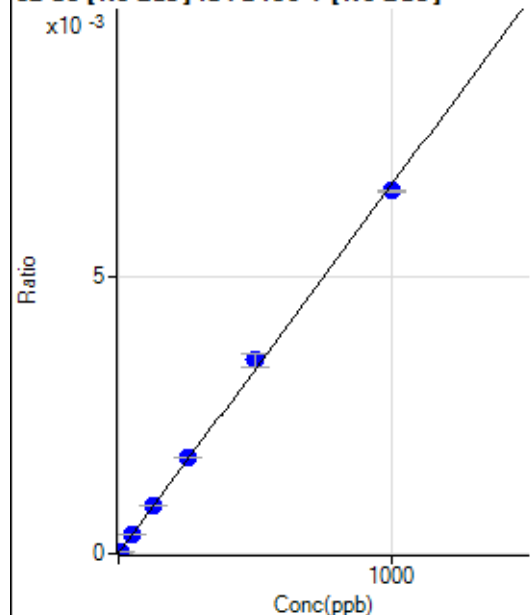
$$R = 0.9998$$

$$DL = 1.21$$

$$BEC = 1.927$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.82	0.0000	P	28.2
2	☐	5.000	4.967	757.81	0.0000	P	3.9
3	☐	50.000	52.431	7148.23	0.0004	P	0.9
4	☐	125.000	129.981	16806.71	0.0009	P	0.2
5	☐	250.000	261.140	32317.86	0.0017	P	0.3
6	☐	500.000	524.699	64195.32	0.0035	P	6.3
7	☐	1000.000	984.121	118090.57	0.0065	P	0.3
8	☐			131.15	0.0000	P	16.7

$$y = 6.6289\text{E-}006 * x + 4.8416\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.6189$$

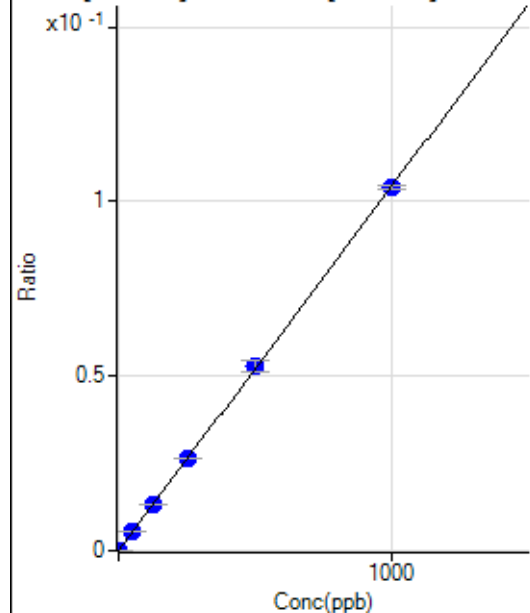
$$BEC = 0.7304$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.34		P	16.8
2	☐			186.67		P	3.6
3	☐			202.23		P	5.8
4	☐			177.78		P	15.3
5	☐			188.90		P	24.0
6	☐			151.12		P	28.8
7	☐			155.56		P	6.9
8	☐			165.56		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.35	0.0000	P	20.3
2	☐	1.000	1.058	2544.78	0.0001	P	8.9
3	☐	50.000	50.134	106339.14	0.0052	P	0.4
4	☐	125.000	126.190	255472.26	0.0132	P	0.5
5	☐	250.000	251.948	489272.85	0.0263	P	0.5
6	☐	500.000	506.225	973131.02	0.0528	P	5.7
7	☐	1000.000	996.245	1878658.05	0.1039	P	1.2
8	☐			7827.48	0.0004	P	2.4

$$y = 1.0424\text{E-}004 * x + 1.6524\text{E-}005$$

$$R = 1.0000$$

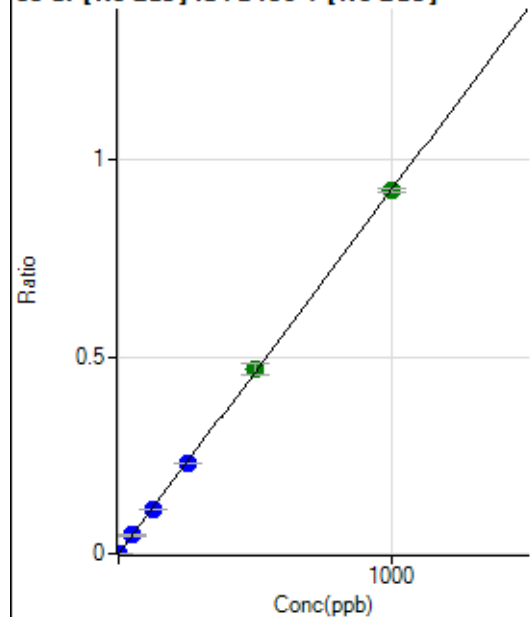
$$DL = 0.09643$$

$$BEC = 0.1585$$

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	91.67	0.0000	P	18.4
2	☐	1.000	0.978	18215.04	0.0009	P	2.0
3	☐	50.000	50.343	943084.84	0.0465	P	0.5
4	☐	125.000	123.806	2217707.71	0.1143	P	0.3
5	☐	250.000	246.578	4239209.51	0.2277	P	0.6
6	☐	500.000	507.002	8628705.83	0.4682	A	6.5
7	☐	1000.000	997.487	16661188.74	0.9211	A	1.0
8	☐			69546.96	0.0039	P	0.4

$$y = 9.2346\text{E-}004 * x + 4.5424\text{E-}006$$

$$R = 1.0000$$

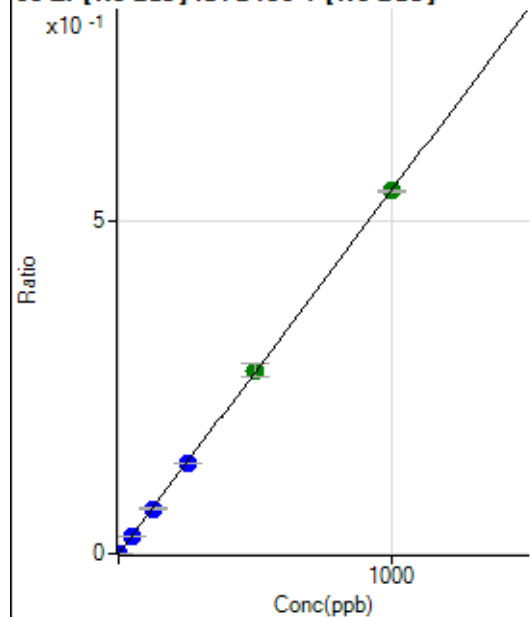
$$DL = 0.002711$$

$$BEC = 0.004919$$

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	605.60	0.0000	P	6.2
2	☐	1.000	0.841	9823.12	0.0005	P	2.9
3	☐	50.000	49.611	550480.45	0.0271	P	0.5
4	☐	125.000	124.038	1315219.35	0.0678	P	0.6
5	☐	250.000	247.223	2515489.88	0.1351	P	0.8
6	☐	500.000	504.439	5079593.69	0.2757	A	6.9
7	☐	1000.000	998.615	9870655.43	0.5457	A	0.3
8	☐			3795.13	0.0002	P	13.9

$$y = 5.4642\text{E-}004 * x + 3.0003\text{E-}005$$

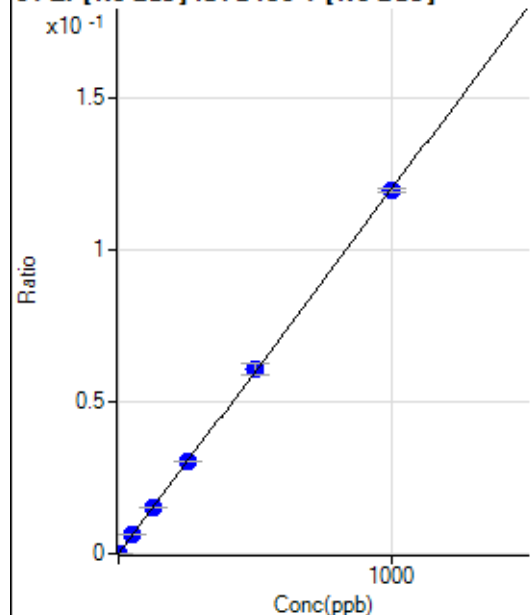
$$R = 1.0000$$

$$DL = 0.0102$$

$$BEC = 0.05491$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	29.8
2	☐	1.000	0.854	2155.80	0.0001	P	11.4
3	☐	50.000	50.756	123782.10	0.0061	P	0.1
4	☐	125.000	125.776	293178.74	0.0151	P	0.2
5	☐	250.000	253.266	566561.63	0.0304	P	0.7
6	☐	500.000	507.337	1123451.75	0.0610	P	6.3
7	☐	1000.000	995.380	2162989.35	0.1196	P	1.1
8	☐			772.28	0.0000	P	15.1

$$y = 1.2014\text{E-}004 * x + 4.8143\text{E-}006$$

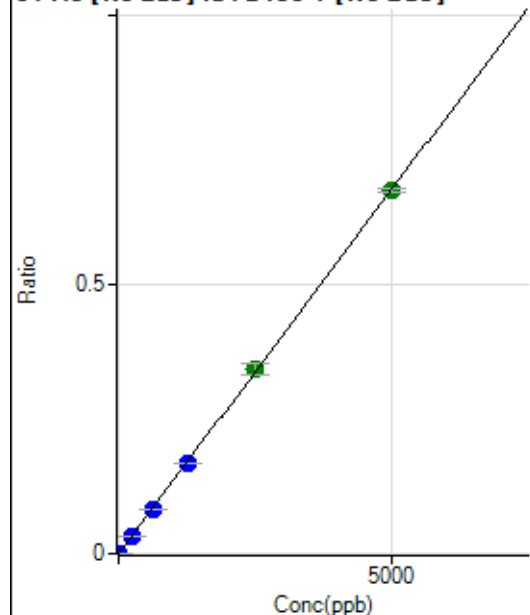
$$R = 1.0000$$

$$DL = 0.03582$$

$$BEC = 0.04007$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.02	0.0000	P	14.1
2	☐	5.000	4.528	12569.93	0.0006	P	4.5
3	☐	250.000	249.893	686239.20	0.0338	P	0.8
4	☐	625.000	617.614	1621497.95	0.0836	P	0.1
5	☐	1250.000	1241.811	3129003.19	0.1681	P	0.9
6	☐	2500.000	2537.073	6327958.56	0.3434	A	6.5
7	☐	5000.000	4984.440	12201443.33	0.6746	A	1.0
8	☐			7199.36	0.0004	P	2.5

$$y = 1.3533\text{E-}004 * x + 1.3634\text{E-}005$$

$$R = 1.0000$$

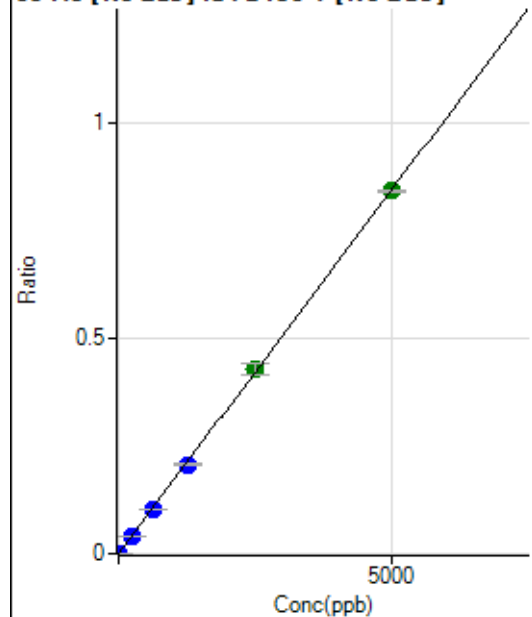
$$DL = 0.04271$$

$$BEC = 0.1007$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	43.4
2	☐	5.000	4.800	16351.68	0.0008	P	1.3
3	☐	250.000	248.591	851051.70	0.0420	P	0.5
4	☐	625.000	616.305	2017463.02	0.1040	P	0.3
5	☐	1250.000	1227.992	3858187.93	0.2072	P	0.3
6	☐	2500.000	2532.563	7876476.65	0.4274	A	6.6
7	☐	5000.000	4990.378	15232891.49	0.8422	A	0.8
8	☐			10473.70	0.0006	P	3.3

$$y = 1.6876\text{E-}004 * x + 4.9461\text{E-}006$$

$$R = 1.0000$$

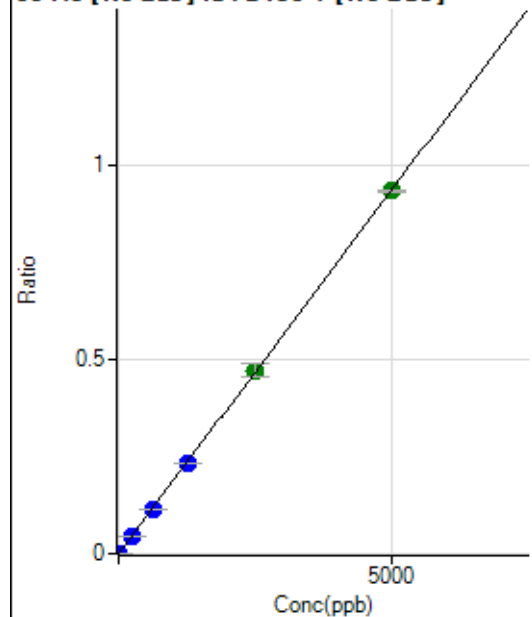
$$DL = 0.03818$$

$$BEC = 0.02931$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	29.3
2	☐	5.000	4.737	17900.81	0.0009	P	2.7
3	☐	250.000	249.027	943159.32	0.0465	P	0.8
4	☐	625.000	617.846	2237466.37	0.1154	P	0.1
5	☐	1250.000	1236.528	4297849.96	0.2309	P	0.7
6	☐	2500.000	2524.919	8686596.29	0.4714	A	6.8
7	☐	5000.000	4991.851	16856860.27	0.9319	A	0.5
8	☐			16816.16	0.0009	P	6.7

$$y = 1.8669\text{E-}004 * x + 7.8454\text{E-}006$$

$$R = 1.0000$$

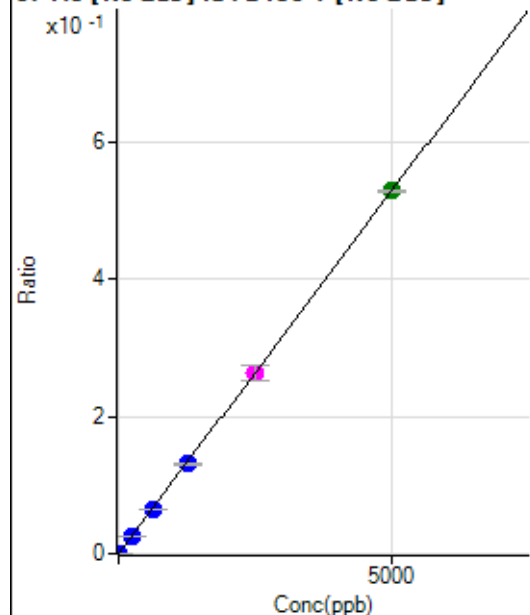
$$DL = 0.03696$$

$$BEC = 0.04202$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	43.7
2	☐	5.000	4.784	10198.57	0.0005	P	3.2
3	☐	250.000	249.802	535332.57	0.0264	P	0.8
4	☐	625.000	616.863	1264067.09	0.0652	P	0.3
5	☐	1250.000	1238.473	2435820.91	0.1308	P	0.8
6	☐	2500.000	2496.403	4857599.94	0.2637	M	8.0
7	☐	5000.000	5005.708	9565264.19	0.5288	A	0.6
8	☐			6521.22	0.0004	P	5.2

$$y = 1.0564\text{E-}004 * x + 2.8969\text{E-}006$$

$$R = 1.0000$$

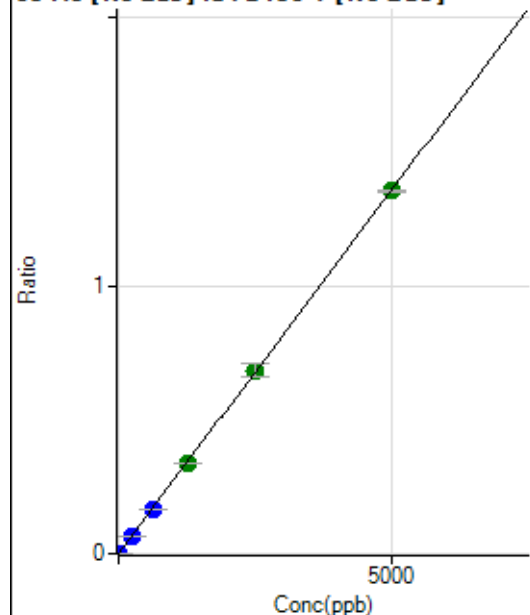
$$DL = 0.03593$$

$$BEC = 0.02742$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	19.8
2	☐	5.000	4.898	26812.19	0.0013	P	0.6
3	☐	250.000	249.231	1371275.89	0.0676	P	0.8
4	☐	625.000	618.342	3253128.85	0.1677	P	0.5
5	☐	1250.000	1246.127	6292371.67	0.3380	A	0.5
6	☐	2500.000	2517.980	12583648.20	0.6829	A	7.0
7	☐	5000.000	4992.849	24494337.18	1.3542	A	0.7
8	☐			16321.07	0.0009	P	5.5

$$y = 2.7122\text{E-}004 * x + 7.8510\text{E-}006$$

$$R = 1.0000$$

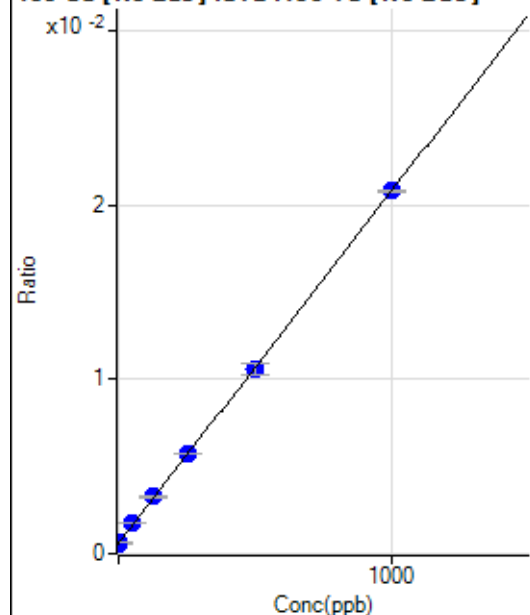
$$DL = 0.0172$$

$$BEC = 0.02895$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5406.87	0.0006	P	6.6
2	☐	1.000	3.297	5979.28	0.0007	P	3.5
3	☐	50.000	56.363	16079.14	0.0017	P	2.0
4	☐	125.000	132.839	30160.83	0.0033	P	2.0
5	☐	250.000	252.726	52138.40	0.0057	P	0.2
6	☐	500.000	495.413	97733.29	0.0106	P	6.1
7	☐	1000.000	1000.312	190397.06	0.0208	P	0.6
8	☐			5567.99	0.0006	P	3.2

$$y = 2.0206\text{E-}005 * x + 5.9004\text{E-}004$$

$$R = 0.9999$$

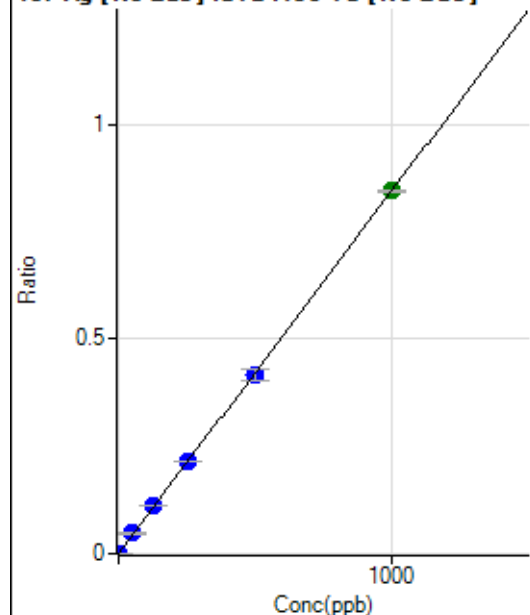
$$DL = 5.815$$

$$BEC = 29.2$$

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	119.45	0.0000	P	25.0
2	☐	1.000	1.135	8847.57	0.0010	P	2.4
3	☐	50.000	55.944	439579.83	0.0473	P	1.0
4	☐	125.000	133.763	1040921.58	0.1130	P	0.5
5	☐	250.000	255.657	1976628.65	0.2160	P	0.6
6	☐	500.000	492.547	3835790.32	0.4161	P	6.4
7	☐	1000.000	1000.920	7738545.23	0.8455	A	0.3
8	☐			1366.79	0.0002	P	14.6

$$y = 8.4473\text{E-}004 * x + 1.3043\text{E-}005$$

$$R = 0.9999$$

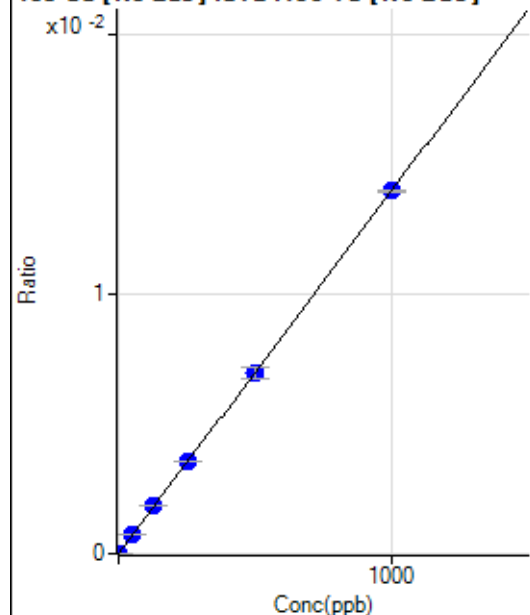
$$DL = 0.0116$$

$$BEC = 0.01544$$

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	11.11	0.0000	P	57.6
2	☐	1.000	1.093	150.00	0.0000	P	10.7
3	☐	50.000	54.785	7131.10	0.0008	P	2.1
4	☐	125.000	130.786	16847.72	0.0018	P	1.4
5	☐	250.000	252.287	32281.40	0.0035	P	0.4
6	☐	500.000	497.103	64059.27	0.0069	P	6.4
7	☐	1000.000	999.914	127912.13	0.0140	P	0.8
8	☐			37.50	0.0000	P	11.4

$$y = 1.3975\text{E-}005 * x + 1.2142\text{E-}006$$

$$R = 1.0000$$

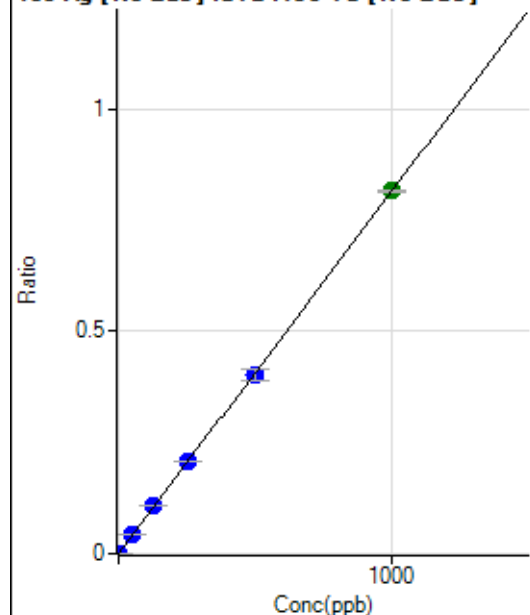
$$DL = 0.1502$$

$$BEC = 0.08688$$

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	38.89	0.0000	P	11.8
2	☐	1.000	1.139	8483.47	0.0009	P	2.2
3	☐	50.000	55.494	420058.46	0.0452	P	0.7
4	☐	125.000	132.707	994945.91	0.1080	P	0.1
5	☐	250.000	253.808	1890665.30	0.2066	P	0.6
6	☐	500.000	491.559	3688214.28	0.4001	P	6.5
7	☐	1000.000	1002.030	7464400.25	0.8156	A	0.3
8	☐			1088.98	0.0001	P	17.0

$$y = 8.1391\text{E-}004 * x + 4.2413\text{E-}006$$

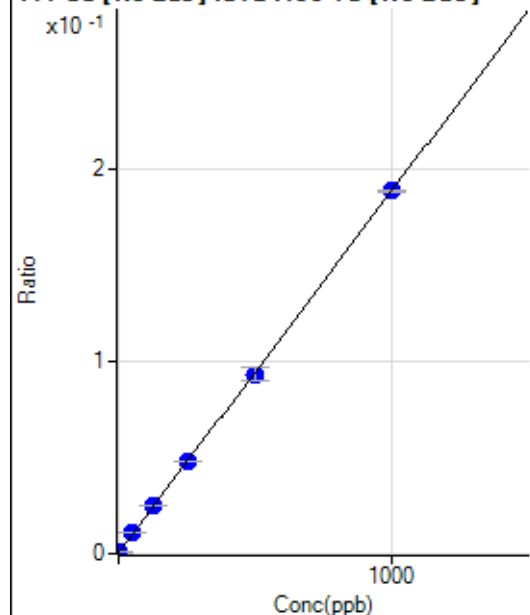
$$R = 0.9999$$

$$DL = 0.001846$$

$$BEC = 0.005211$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3795.09	0.0004	P	6.6
2	☐	1.000	1.191	5811.20	0.0006	P	4.0
3	☐	50.000	54.388	99012.55	0.0106	P	0.4
4	☐	125.000	131.073	230969.34	0.0251	P	0.3
5	☐	250.000	252.617	438776.10	0.0479	P	0.8
6	☐	500.000	494.893	862102.58	0.0935	P	6.7
7	☐	1000.000	1000.921	1727337.87	0.1887	P	0.6
8	☐			4182.46	0.0005	P	2.7

$$y = 1.8815E-004 * x + 4.1415E-004$$

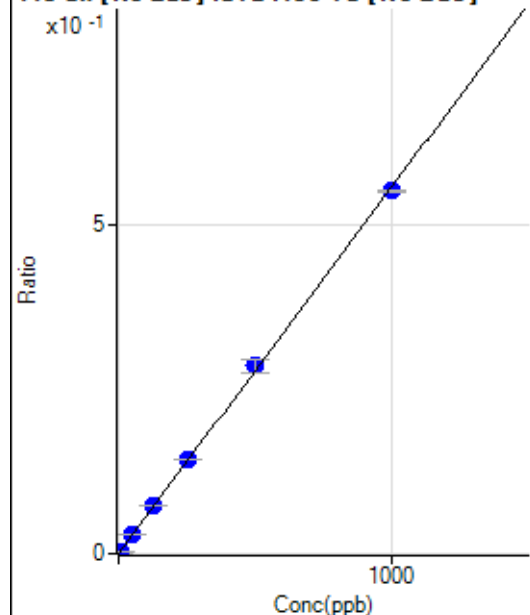
$$R = 1.0000$$

$$DL = 0.4331$$

$$BEC = 2.201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	669.49	0.0001	P	18.3
2	☐	5.000	5.743	29877.08	0.0033	P	0.6
3	☐	50.000	54.763	285132.48	0.0307	P	0.7
4	☐	125.000	133.012	685022.89	0.0744	P	0.2
5	☐	250.000	258.825	1323864.02	0.1446	P	0.6
6	☐	500.000	512.320	2638332.70	0.2862	P	6.8
7	☐	1000.000	990.390	5063789.35	0.5533	P	0.2
8	☐			3720.08	0.0004	P	3.8

$$y = 5.5857E-004 * x + 7.3062E-005$$

$$R = 0.9998$$

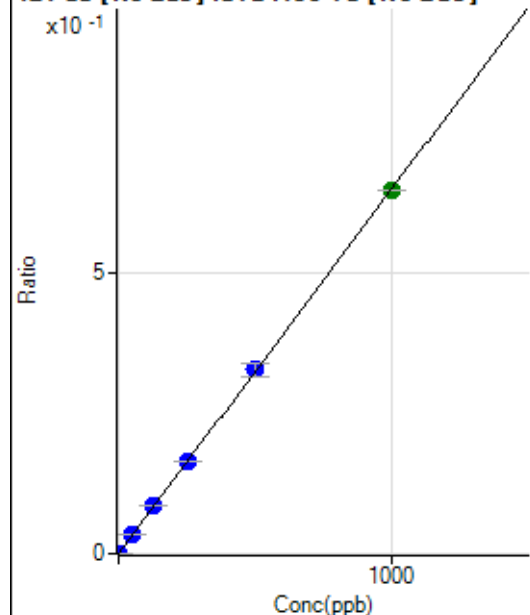
$$DL = 0.07171$$

$$BEC = 0.1308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.35	0.0000	P	40.4
2	☐	2.000	2.019	12119.62	0.0013	P	3.1
3	☐	50.000	53.461	321811.43	0.0346	P	0.3
4	☐	125.000	130.419	777248.27	0.0844	P	0.9
5	☐	250.000	253.897	1503279.16	0.1643	P	0.2
6	☐	500.000	504.732	3009482.66	0.3265	P	6.7
7	☐	1000.000	995.809	5895416.41	0.6441	A	0.1
8	☐			9322.90	0.0011	P	2.1

$$y = 6.4682\text{E-}004 * x + 2.5452\text{E-}005$$

$$R = 1.0000$$

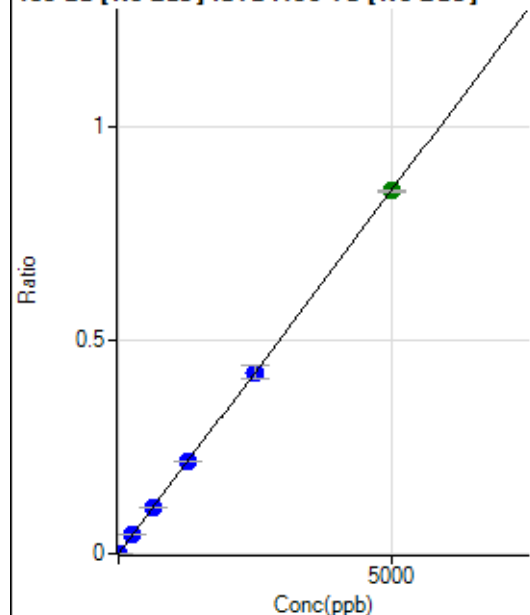
$$DL = 0.04768$$

$$BEC = 0.03935$$

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	11.11	0.0000	P	43.1
2	☐	10.000	10.616	16479.84	0.0018	P	2.0
3	☐	250.000	266.282	421952.64	0.0454	P	0.6
4	☐	625.000	643.088	1009328.00	0.1096	P	0.3
5	☐	1250.000	1261.846	1967762.54	0.2150	P	0.6
6	☐	2500.000	2499.952	3925900.91	0.4260	P	7.0
7	☐	5000.000	4993.986	7787918.57	0.8509	A	0.8
8	☐			1625.18	0.0002	P	6.1

$$y = 1.7039\text{E-}004 * x + 1.2115\text{E-}006$$

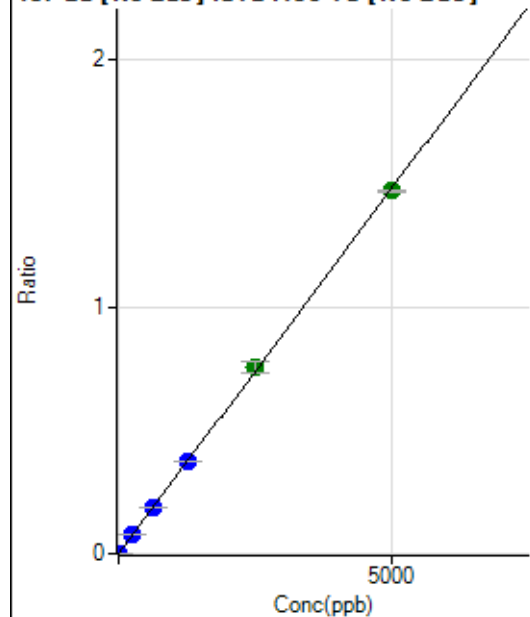
$$R = 1.0000$$

$$DL = 0.009201$$

$$BEC = 0.00711$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.2
2	☐	10.000	10.610	28585.82	0.0031	P	1.1
3	☐	250.000	264.560	727584.42	0.0782	P	0.2
4	☐	625.000	639.675	1742428.81	0.1892	P	0.6
5	☐	1250.000	1259.590	3409118.87	0.3725	P	0.7
6	☐	2500.000	2547.873	6947056.49	0.7535	A	6.0
7	☐	5000.000	4971.103	13454743.01	1.4701	A	0.3
8	☐			2822.65	0.0003	P	3.1

$$y = 2.9572E-004 * x + 2.1171E-006$$

$$R = 0.9999$$

$$DL = 0.01056$$

$$BEC = 0.007159$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			11.11		P	69.3
3	☐			33.33		P	69.3
4	☐			82.22		P	24.8
5	☐			153.34		P	11.5
6	☐			324.46		P	1.2
7	☐			586.70		P	18.6
8	☐			135.56		P	19.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			3.33		P	100.
3	☐			8.89		P	57.3
4	☐			11.11		P	17.3
5	☐			20.00		P	50.0
6	☐			30.00		P	19.2
7	☐			57.78		P	23.3
8	☐			51.11		P	7.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			13.89		P	91.6
3	☐			13.89		P	34.7
4	☐			33.33		P	43.3
5	☐			33.33		P	75.0
6	☐			77.78		P	32.7
7	☐			144.45		P	32.8
8	☐			63.89		P	7.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			13.33		P	25.0
3	☐			24.44		P	41.7
4	☐			28.89		P	6.7
5	☐			54.44		P	28.3
6	☐			76.67		P	11.5
7	☐			168.89		P	4.1
8	☐			47.78		P	22.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	60.3
2	☐			44.45		P	39.0
3	☐			52.78		P	50.8
4	☐			38.89		P	12.4
5	☐			63.89		P	19.9
6	☐			55.56		P	52.7
7	☐			50.00		P	33.3
8	☐			72.23		P	17.6

160 Gd [He] No available calibration points

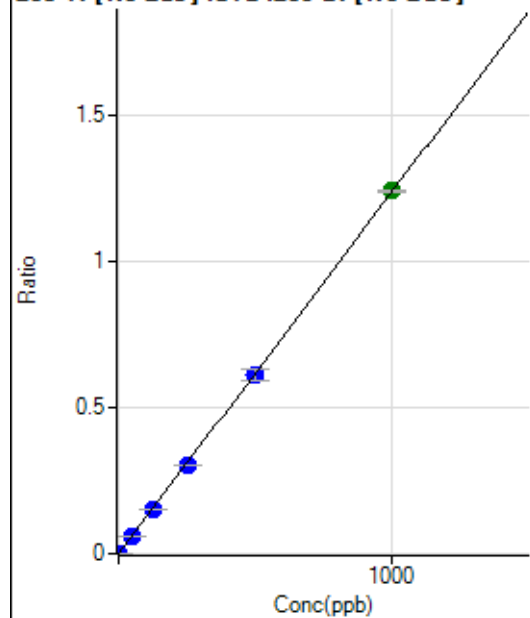
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	13.0
2	☐			176.67		P	3.8
3	☐			172.23		P	7.3
4	☐			155.56		P	4.5
5	☐			214.45		P	10.3
6	☐			155.56		P	12.2
7	☐			142.23		P	9.8
8	☐			180.00		P	4.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐			25.00		P	33.3
3	☐			30.56		P	103.
4	☐			30.56		P	31.5
5	☐			69.45		P	36.7
6	☐			52.78		P	24.1
7	☐			44.44		P	21.7
8	☐			58.34		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	40.0
2	☐			45.56		P	33.0
3	☐			28.89		P	26.6
4	☐			45.56		P	63.1
5	☐			26.67		P	0.0
6	☐			37.78		P	10.2
7	☐			35.56		P	43.3
8	☐			44.45		P	37.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.47	0.0001	P	2.7
2	☐	1.000	0.959	6879.86	0.0013	P	1.5
3	☐	50.000	48.835	337921.71	0.0603	P	1.4
4	☐	125.000	121.913	841046.72	0.1504	P	0.5
5	☐	250.000	244.822	1694843.85	0.3019	P	0.7
6	☐	500.000	493.609	3416299.95	0.6087	P	6.5
7	☐	1000.000	1004.934	6688411.09	1.2391	A	0.9
8	☐			1975.24	0.0004	P	16.0

$$y = 0.0012 * x + 7.6095E-005$$

$$R = 1.0000$$

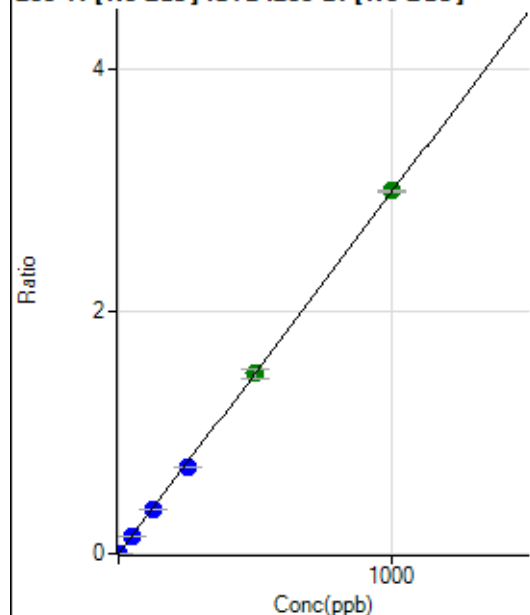
$$DL = 0.00508$$

$$BEC = 0.06172$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	608.37	0.0001	P	6.0
2	☐	1.000	0.940	15937.90	0.0029	P	0.6
3	☐	50.000	48.236	807479.25	0.1440	P	1.0
4	☐	125.000	121.210	2023480.88	0.3618	P	0.3
5	☐	250.000	240.384	4027294.88	0.7174	P	0.2
6	☐	500.000	497.689	8337196.54	1.4852	A	6.2
7	☐	1000.000	1004.122	16174514.95	2.9964	A	0.7
8	☐			4506.52	0.0009	P	10.4

$$y = 0.0030 * x + 1.1037E-004$$

$$R = 0.9999$$

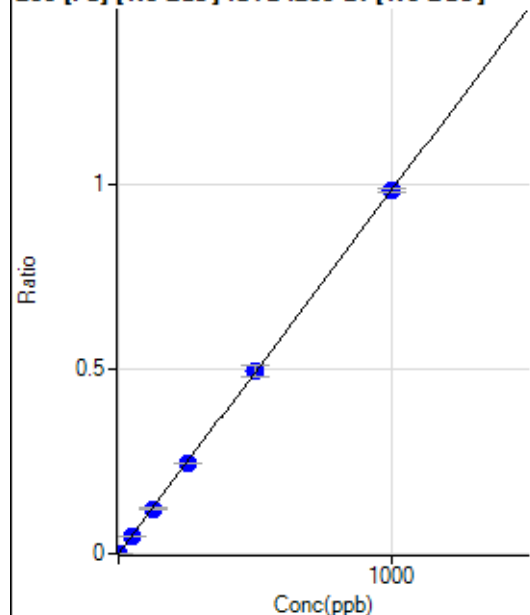
$$DL = 0.006651$$

$$BEC = 0.03699$$

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	751.90	0.0001	P	12.1
2	☐	1.000	0.942	5816.24	0.0011	P	4.6
3	☐	50.000	49.822	275717.92	0.0492	P	0.8
4	☐	125.000	124.226	684781.73	0.1224	P	0.7
5	☐	250.000	249.662	1380561.05	0.2459	P	0.7
6	☐	500.000	502.738	2779494.22	0.4951	P	5.9
7	☐	1000.000	998.821	5308941.04	0.9835	P	0.9
8	☐			5156.70	0.0011	P	4.5

$$y = 9.8452E-004 * x + 1.3641E-004$$

$$R = 1.0000$$

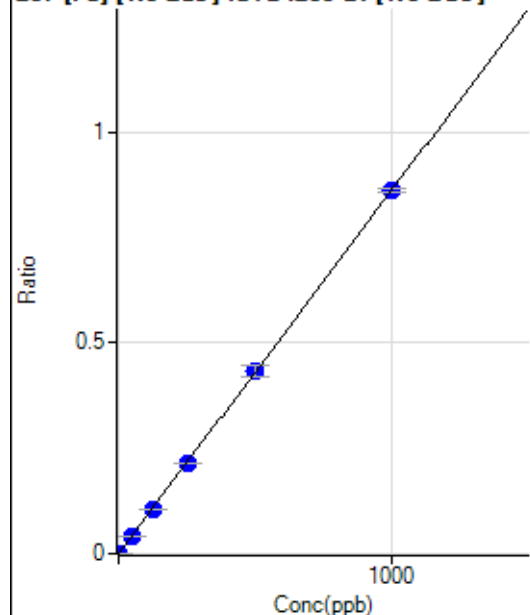
$$DL = 0.05011$$

$$BEC = 0.1386$$

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	638.92	0.0001	P	7.7
2	☐	1.000	0.992	5301.22	0.0010	P	2.6
3	☐	50.000	49.782	240689.56	0.0429	P	0.4
4	☐	125.000	123.221	593392.91	0.1061	P	0.6
5	☐	250.000	248.020	1198202.82	0.2134	P	0.6
6	☐	500.000	502.893	2428541.17	0.4327	P	6.5
7	☐	1000.000	999.282	4640243.62	0.8596	P	0.9
8	☐			4302.68	0.0009	P	2.6

$$y = 8.6014\text{E-}004 * x + 1.1591\text{E-}004$$

$$R = 1.0000$$

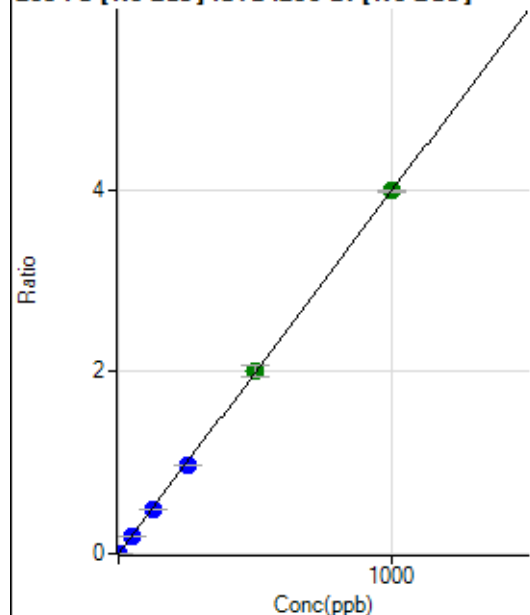
$$DL = 0.03117$$

$$BEC = 0.1348$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2590.91	0.0005	P	6.2
2	☐	1.000	0.957	23423.52	0.0043	P	2.0
3	☐	50.000	49.186	1101821.21	0.1966	P	0.4
4	☐	125.000	122.149	2726093.97	0.4874	P	0.5
5	☐	250.000	245.044	5486493.48	0.9774	P	0.5
6	☐	500.000	502.084	11237977.19	2.0021	A	6.3
7	☐	1000.000	1000.594	21534832.95	3.9894	A	0.8
8	☐			19317.00	0.0040	P	4.5

$$y = 0.0040 * x + 4.7003\text{E-}004$$

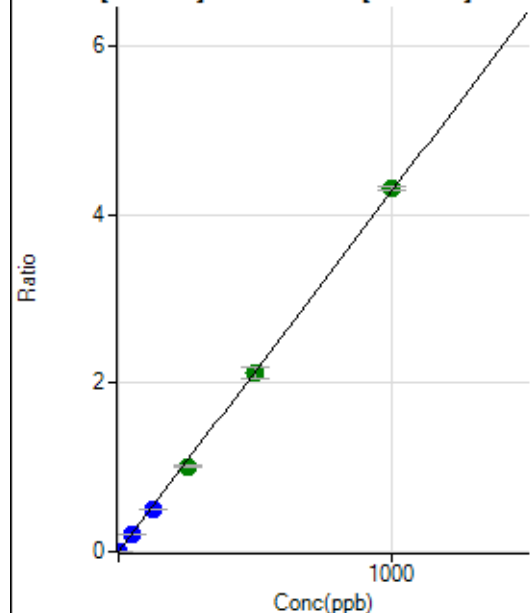
$$R = 1.0000$$

$$DL = 0.02179$$

$$BEC = 0.1179$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1722.39	0.0003	P	5.0
2	☐	1.000	0.782	19973.13	0.0037	P	1.1
3	☐	50.000	45.815	1098925.14	0.1960	P	0.8
4	☐	125.000	115.806	2768767.34	0.4951	P	0.4
5	☐	250.000	237.207	5690518.76	1.0137	A	0.4
6	☐	500.000	494.333	11855280.13	2.1122	A	6.5
7	☐	1000.000	1007.391	23232660.94	4.3041	A	1.2
8	☐			8931.12	0.0019	P	11.3

$$y = 0.0043 * x + 3.1247E-004$$

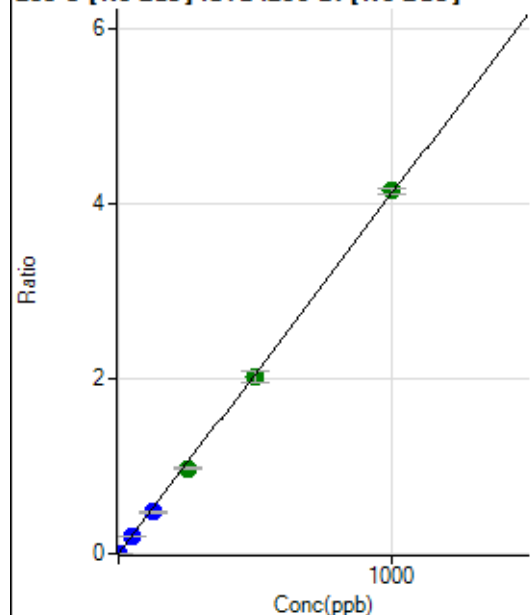
$$R = 0.9999$$

$$DL = 0.01104$$

$$BEC = 0.07314$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1883.56	0.0003	P	3.4
2	☐	1.000	0.876	21574.37	0.0039	P	3.3
3	☐	50.000	45.816	1058299.88	0.1888	P	1.2
4	☐	125.000	114.992	2647205.18	0.4733	P	0.7
5	☐	250.000	237.395	5483515.22	0.9768	A	0.4
6	☐	500.000	492.208	11367560.67	2.0250	A	6.2
7	☐	1000.000	1008.507	22393563.52	4.1487	A	1.3
8	☐			5259.65	0.0011	P	7.7

$$y = 0.0041 * x + 3.4167E-004$$

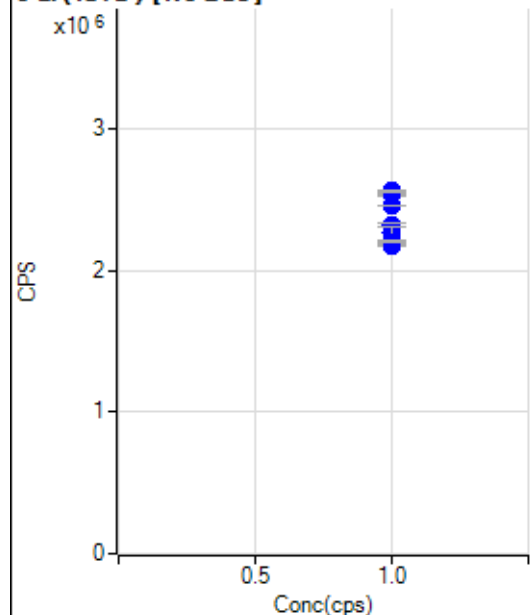
$$R = 0.9998$$

$$DL = 0.008424$$

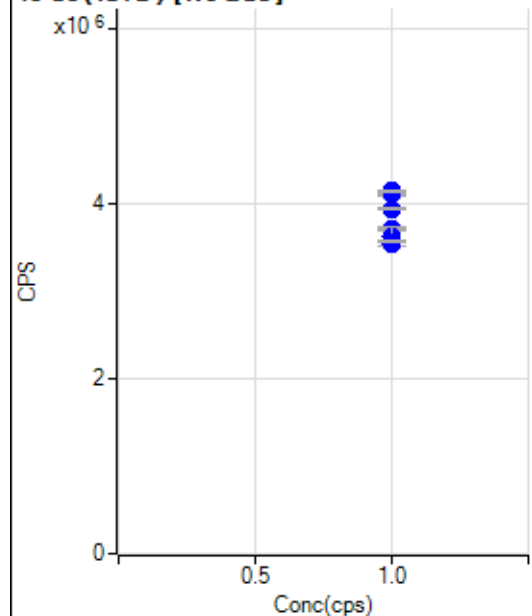
$$BEC = 0.08306$$

Weight: <None>

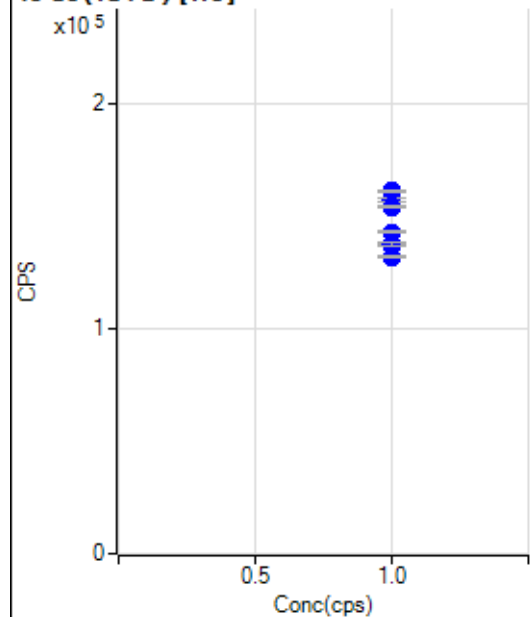
Min Conc: 0

6 Li (ISTD) [No Gas]

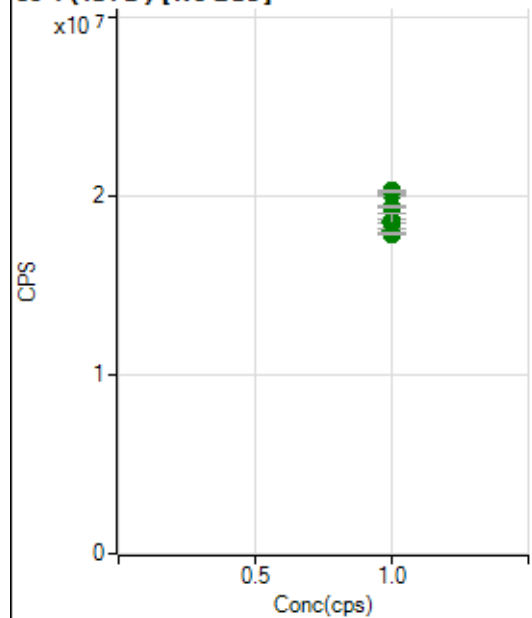
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2535586.68		P	0.5
2	☐	1.000		2546401.95		P	0.4
3	☐	1.000		2559363.40		P	0.3
4	☐	1.000		2451828.53		P	0.2
5	☐	1.000		2324358.50		P	1.0
6	☐	1.000		2261623.55		P	4.4
7	☐	1.000		2175153.87		P	0.9
8	☐	1.000		2202044.80		P	0.3

45 Sc (ISTD) [No Gas]

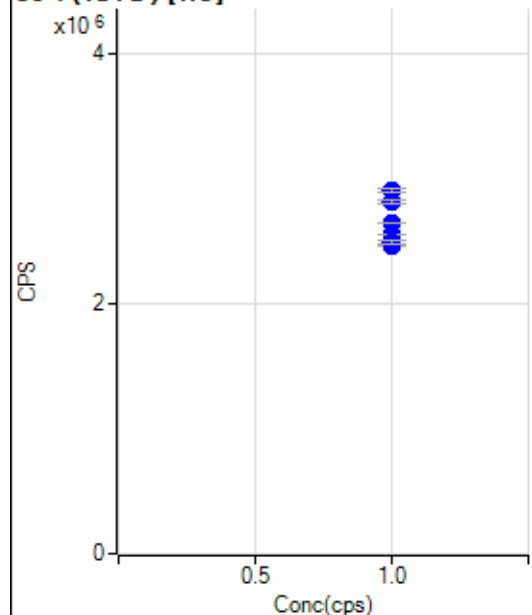
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4115857.34		P	1.6
2	☐	1.000		4128772.88		P	0.5
3	☐	1.000		4152398.79		P	0.2
4	☐	1.000		3947870.92		P	0.3
5	☐	1.000		3712713.06		P	0.5
6	☐	1.000		3629129.68		P	6.0
7	☐	1.000		3543796.26		P	0.9
8	☐	1.000		3570428.81		P	0.5

45 Sc (ISTD) [He]

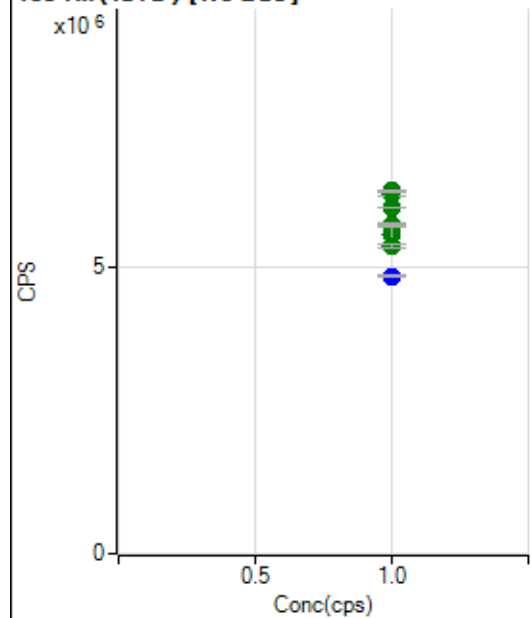
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		157200.34		P	0.8
2	☐	1.000		161338.18		P	0.2
3	☐	1.000		154293.00		P	0.4
4	☐	1.000		142943.80		P	0.5
5	☐	1.000		136432.45		P	0.0
6	☐	1.000		137206.70		P	0.6
7	☐	1.000		131788.60		P	0.6
8	☐	1.000		137287.80		P	1.3

89 Y (ISTD) [No Gas]

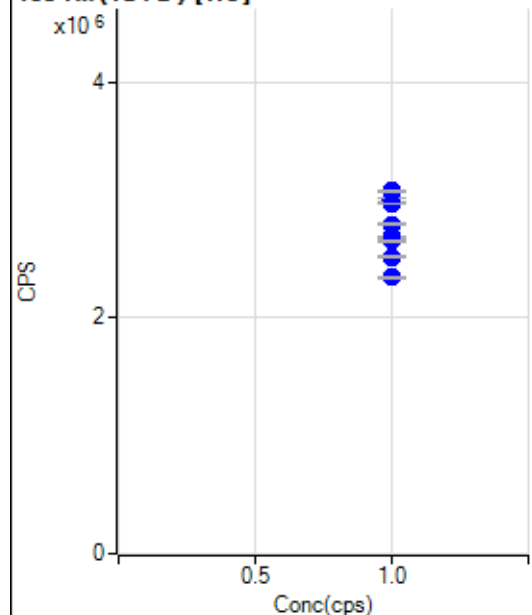
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20188709.29		A	0.9
2	☐	1.000		20063852.89		A	0.3
3	☐	1.000		20284195.81		A	0.5
4	☐	1.000		19396713.46		A	0.2
5	☐	1.000		18617268.89		A	0.8
6	☐	1.000		18474446.53		A	5.6
7	☐	1.000		18088637.65		A	1.1
8	☐	1.000		17890014.87		A	0.2

89 Y(ISTD) [He]

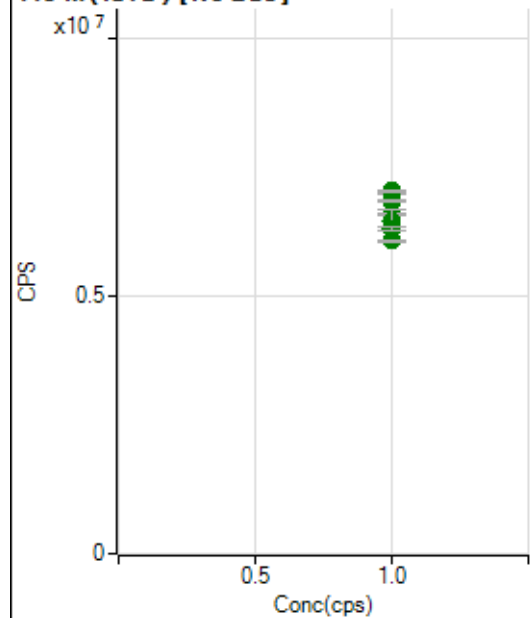
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2814666.10		P	1.1
2	☐	1.000		2897350.24		P	0.9
3	☐	1.000		2808009.44		P	0.8
4	☐	1.000		2638059.21		P	0.1
5	☐	1.000		2548019.79		P	0.1
6	☐	1.000		2549871.99		P	0.3
7	☐	1.000		2456881.65		P	0.4
8	☐	1.000		2484639.96		P	1.3

103 Rh(ISTD) [No Gas]

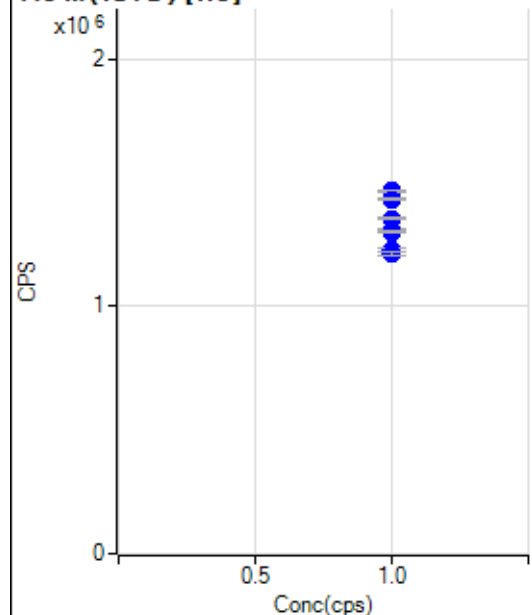
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6285910.51		A	0.8
2	☐	1.000		6336617.59		A	0.5
3	☐	1.000		6331628.13		A	0.1
4	☐	1.000		6035614.07		A	0.2
5	☐	1.000		5749317.36		A	0.8
6	☐	1.000		5569719.40		A	5.4
7	☐	1.000		5383113.01		A	1.1
8	☐	1.000		4850293.16		P	0.6

103 Rh (ISTD) [He]

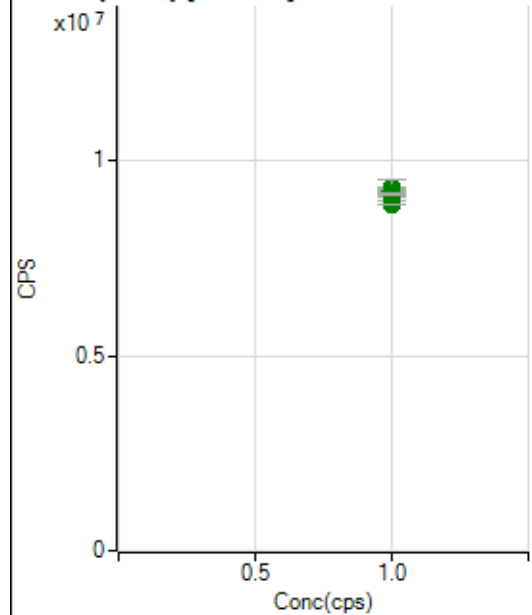
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2999444.43		P	1.1
2	☐	1.000		3076859.74		P	0.7
3	☐	1.000		2968307.91		P	0.4
4	☐	1.000		2794878.19		P	0.4
5	☐	1.000		2683203.05		P	0.3
6	☐	1.000		2650436.75		P	0.4
7	☐	1.000		2513349.53		P	0.7
8	☐	1.000		2343316.25		P	0.9

115 In (ISTD) [No Gas]

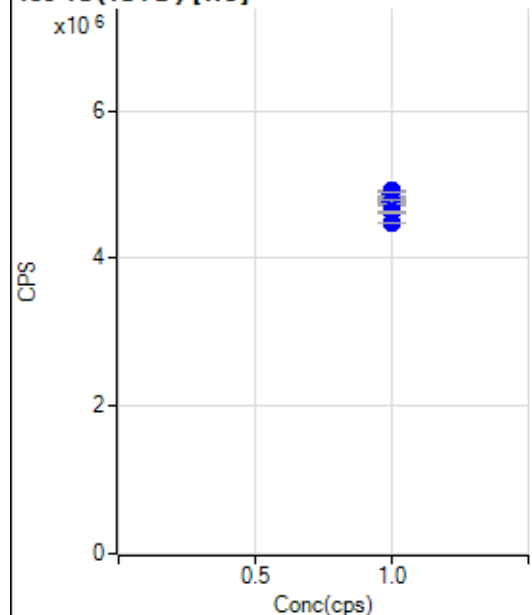
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6985973.03		A	0.9
2	☐	1.000		6986530.88		A	0.4
3	☐	1.000		7029018.24		A	0.4
4	☐	1.000		6826833.77		A	0.5
5	☐	1.000		6581349.85		A	0.4
6	☐	1.000		6459136.39		A	6.1
7	☐	1.000		6296297.25		A	1.0
8	☐	1.000		6058822.66		A	0.5

115 In (ISTD) [He]

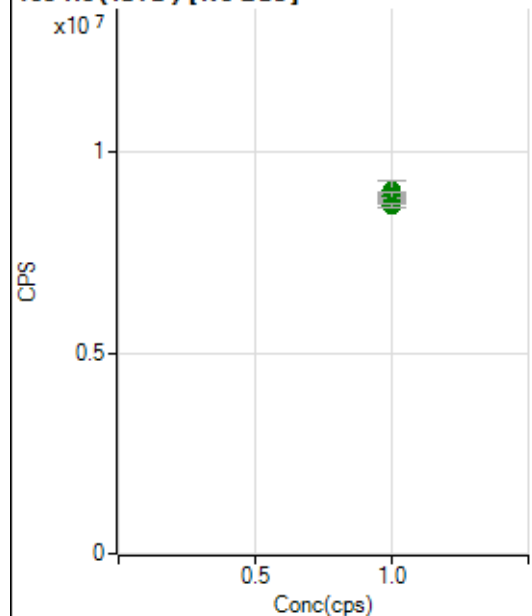
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1435047.62		P	0.9
2	☐	1.000		1468025.65		P	0.5
3	☐	1.000		1435153.37		P	0.3
4	☐	1.000		1354790.37		P	0.5
5	☐	1.000		1308968.64		P	0.4
6	☐	1.000		1300360.57		P	0.6
7	☐	1.000		1228746.46		P	0.8
8	☐	1.000		1214338.40		P	0.9

159 Tb (ISTD) [No Gas]

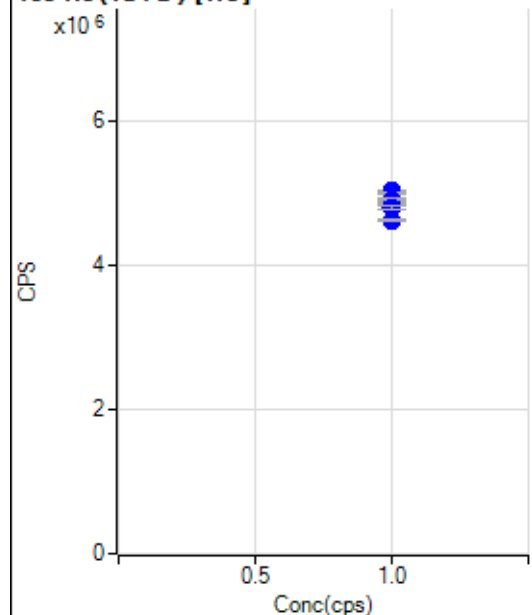
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9165762.01		A	0.6
2	☐	1.000		9105324.31		A	0.8
3	☐	1.000		9299467.85		A	0.5
4	☐	1.000		9211100.90		A	0.5
5	☐	1.000		9152424.86		A	0.8
6	☐	1.000		9241717.36		A	5.9
7	☐	1.000		9152462.44		A	0.6
8	☐	1.000		8863827.99		A	0.4

159 Tb (ISTD) [He]

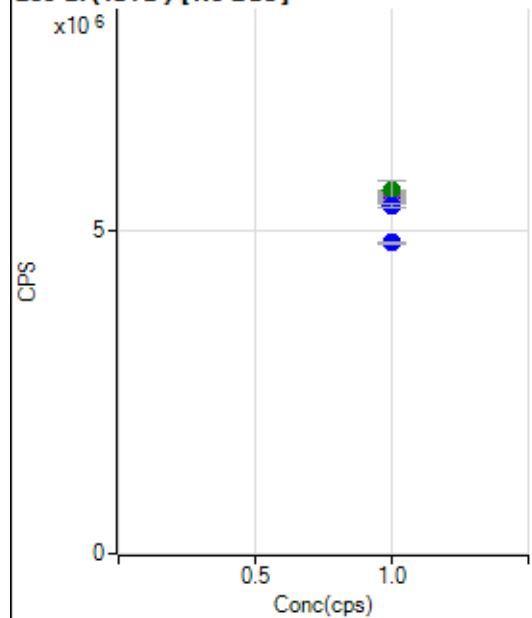
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4802250.69		P	0.7
2	☐	1.000		4915390.17		P	0.8
3	☐	1.000		4872185.24		P	0.6
4	☐	1.000		4762064.44		P	0.4
5	☐	1.000		4716430.38		P	0.5
6	☐	1.000		4770634.72		P	0.9
7	☐	1.000		4627488.33		P	0.4
8	☐	1.000		4481627.61		P	0.5

165 Ho (ISTD) [No Gas]

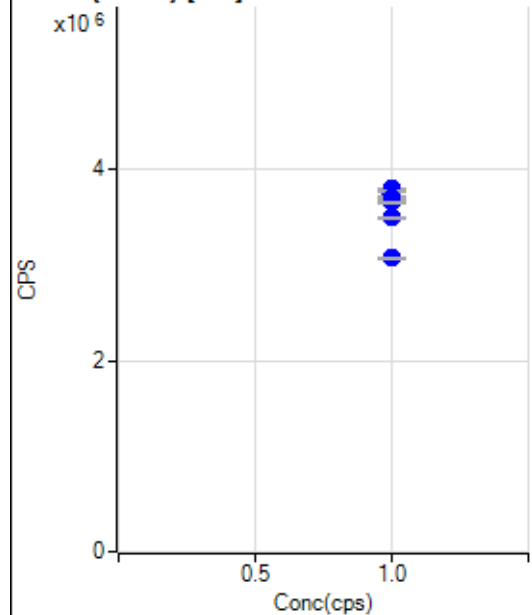
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8850853.58		A	0.7
2	☐	1.000		8806430.92		A	0.5
3	☐	1.000		8949692.73		A	0.6
4	☐	1.000		8980675.46		A	0.7
5	☐	1.000		8975564.09		A	0.1
6	☐	1.000		9037834.75		A	6.2
7	☐	1.000		8928051.15		A	1.7
8	☐	1.000		8676533.96		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4916797.11		P	0.9
2	☐	1.000		5026885.34		P	0.3
3	☐	1.000		4992580.69		P	0.4
4	☐	1.000		4900957.46		P	0.9
5	☐	1.000		4869184.03		P	0.4
6	☐	1.000		4914821.04		P	0.2
7	☐	1.000		4792748.40		P	0.8
8	☐	1.000		4620059.06		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5512240.41		P	0.4
2	☐	1.000		5467682.49		P	0.6
3	☐	1.000		5605799.57		M	0.9
4	☐	1.000		5592839.15		P	1.2
5	☐	1.000		5613615.19		M	0.3
6	☐	1.000		5626699.36		A	5.7
7	☐	1.000		5398302.49		P	1.2
8	☐	1.000		4819557.01		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3735593.87		P	1.0
2	☐	1.000		3796299.49		P	0.6
3	☐	1.000		3773729.67		P	0.5
4	☐	1.000		3694085.19		P	0.6
5	☐	1.000		3679288.28		P	0.4
6	☐	1.000		3652258.42		P	0.6
7	☐	1.000		3498506.86		P	0.5
8	☐	1.000		3075543.18		P	0.8

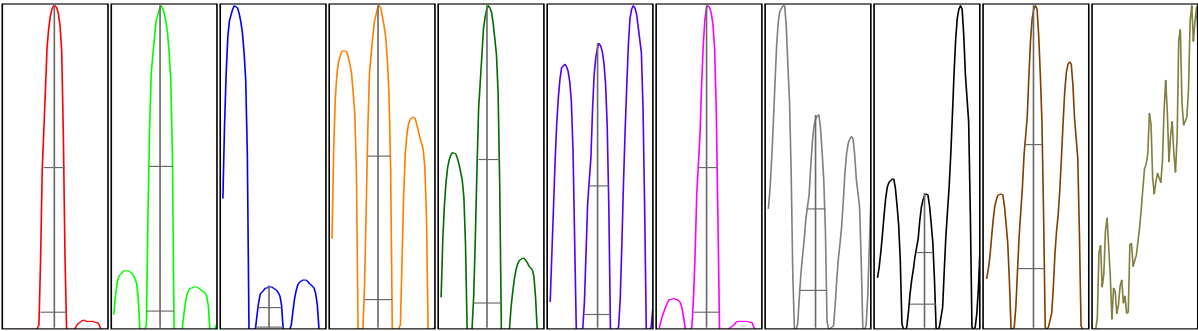
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7080819MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	7192	0.37	5.00	
24	214036	0.44	5.00	
25	28544	0.36	5.00	
26	32171	0.28	5.00	
59	54901	0.35	5.00	
113	8378	0.26	5.00	
115	98474	0.54	5.00	
206	24722	0.34	5.00	
207	23926	0.79	5.00	
208	52870	0.39	5.00	
220	93	6.87		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7186	7159	7179	7226	7209
24	213008	213059	214939	214781	214393
25	28452	28419	28657	28582	28613
26	32046	32122	32274	32177	32236
59	55046	54863	55143	54703	54748
113	8366	8404	8398	8358	8363
115	97956	98936	99149	98177	98153
206	24602	24785	24790	24664	24770
207	23744	23917	24158	23740	24070
208	52695	52744	53198	52955	52758
220	86	88	96	102	93

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12098	9.00	8.9 - 9.1		0.780	0.900	
24	332239	23.90	23.9 - 24.1		0.789	0.900	
25	43810	24.90	24.9 - 25.1		0.789	0.900	
26	50740	25.90	25.9 - 26.1		0.808	0.900	
59	90022	58.90	58.9 - 59.1		0.801	0.900	
113	15145	112.95	112.9 - 113.1		0.769	0.900	
115	181932	114.95	114.9 - 115.1		0.766	0.900	
206	45129	205.95	205.9 - 206.1		0.770	0.900	
207	40685	206.95	206.9 - 207.1		0.752	0.900	
208	97383	207.95	207.9 - 208.1		0.771	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.1	V	Deflect	14.4	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	12501	0.34	
89	27447	0.30	
205	24521	0.28	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12518	12436	12481	12526	12544
89	27442	27561	27430	27472	27331
205	24553	24454	24475	24496	24627

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	2.0	V
Extract 2	-105.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:20:30 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.05	0.05	0.00	N/A	ppb
Antimony	121-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Arsenic	75-1	-0.08	0.06	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.43	0.04	-0.47	0.00	N/A	ppb
Boron	11-1	0.01	0.09	-0.10	0.00	N/A	ppb
Cadmium	111-1	0.16	-0.04	-0.12	0.00	N/A	ppb
Cadmium	106-1	2.16	-0.58	-1.58	0.00	N/A	ppb
Cadmium	108-1	0.04	0.01	-0.05	0.00	N/A	ppb
Calcium	43-1	-0.19	0.94	-0.75	0.00	N/A	ppb
Calcium	44-1	0.24	0.35	-0.59	0.00	N/A	ppb
Chromium	52-2	0.01	-0.04	0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.09	0.03	0.00	N/A	ppb
Iron	57-2	0.08	-0.75	0.68	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.12	0.16	0.00	N/A	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:20:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-22.97	-17.19	-26.04	-22.07		ppb
Potassium	39-2	4.13	-1.09	-3.04	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	-0.35	-0.09	0.00	N/A	ppb
Selenium	82-1	-0.04	-0.18	0.22	0.00	N/A	ppb
Silicon	28-1	0.08	-0.26	0.18	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	0.94	-0.53	-0.41	0.00	N/A	ppb
Strontium	86-1	0.01	0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-31.09	-145.37	-143.33	-106.59		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
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.03	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	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		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:20:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.09	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:24:08 DataFile Name : 003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	22.63	23.02	21.30	12.48	ppb
Antimony	121-1	1.97	2.00	2.09	2.02	3.20	ppb
Arsenic	75-1	1.19	1.00	1.17	1.12	9.36	ppb
Barium	135-1	10.46	10.53	10.86	10.62	2.00	ppb
Barium	137-1	10.55	10.54	10.74	10.61	1.08	ppb
Beryllium	9-1	1.04	1.00	0.96	1.00	4.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	21.59	22.88	24.17	22.88	5.64	ppb
Boron	11-1	23.25	23.40	24.68	23.78	3.30	ppb
Cadmium	111-1	1.21	1.05	1.32	1.19	11.29	ppb
Cadmium	106-1	4.27	2.05	3.57	3.30	34.42	ppb
Cadmium	108-1	0.95	1.12	1.20	1.09	11.59	ppb
Calcium	43-1	477.66	520.79	506.12	501.52	4.37	ppb
Calcium	44-1	484.50	492.99	501.17	492.89	1.69	ppb
Chromium	52-2	1.98	2.01	2.08	2.02	2.60	ppb
Cobalt	59-2	1.04	1.04	1.06	1.05	1.40	ppb
Copper	63-2	2.00	2.01	2.05	2.02	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	55.81	55.37	56.36	55.85	0.89	ppb
Iron	57-2	52.59	63.93	56.26	57.59	10.05	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.94	0.99	0.94	5.33	ppb
Lead	207-1	1.03	0.98	0.98	0.99	2.93	ppb
Lead	208-1	0.93	0.96	0.97	0.96	2.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	497.05	505.28	521.59	507.97	2.46	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:24:08	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.12	1.10	1.10	2.00	ppb
Molybdenum	94-1	4.59	4.70	4.29	4.53	4.64	ppb
Molybdenum	95-1	4.76	4.87	4.77	4.80	1.28	ppb
Molybdenum	96-1	4.64	4.88	4.69	4.74	2.71	ppb
Molybdenum	97-1	4.74	4.95	4.66	4.78	3.18	ppb
Molybdenum	98-1	4.92	4.87	4.91	4.90	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.10	1.15	1.12	2.22	ppb
Phosphorus	31-2	27.78	2.10	36.32	22.07	80.73	ppb
Potassium	39-2	494.80	505.06	528.66	509.51	3.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	9.26	5.23	9.14	7.88	29.10	ppb
Selenium	78-2	7.52	5.16	5.61	6.10	20.57	ppb
Selenium	82-1	4.71	5.11	5.08	4.97	4.50	ppb
Silicon	28-1	9.14	9.45	9.18	9.25	1.81	ppb
Silver	109-1	1.16	1.15	1.11	1.14	2.22	ppb
Silver	107-1	1.11	1.14	1.16	1.13	2.40	ppb
Sodium	23-2	496.04	492.06	494.74	494.28	0.41	ppb
Strontium	86-1	1.01	1.18	0.98	1.06	10.21	ppb
Strontium	88-1	0.97	0.96	1.00	0.98	2.04	ppb
Sulfur	34-1	68.29	120.62	130.87	106.59	31.49	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.97	0.96	0.96	1.59	ppb
Thallium	205-1	0.93	0.95	0.94	0.94	0.60	ppb
Thorium	232-1	0.79	0.78	0.78	0.78	1.22	ppb
Tin	118-1	5.76	5.77	5.70	5.74	0.63	ppb
Titanium	47-1	4.82	5.11	5.50	5.14	6.62	ppb
Uranium	238-1	0.85	0.91	0.87	0.88	3.66	ppb
Vanadium	51-2	4.86	5.19	5.47	5.17	5.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:24:08	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.22	2.07	1.89	2.06	8.12	ppb
Zirconium	90-1	0.83	0.87	0.82	0.84	3.07	ppb
Zirconium	91-1	0.92	0.91	0.74	0.85	11.95	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.87	1044.16	1009.59	1028.21	1.70	ppb
Antimony	121-1	53.67	53.32	53.40	53.46	0.34	ppb
Arsenic	75-1	53.48	53.07	53.54	53.36	0.48	ppb
Barium	135-1	266.23	264.82	267.79	266.28	0.56	ppb
Barium	137-1	264.98	263.99	264.71	264.56	0.19	ppb
Beryllium	9-1	53.39	53.18	53.31	53.30	0.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	48.20	49.50	50.19	49.30	2.05	ppb
Boron	11-1	47.94	50.42	51.25	49.87	3.45	ppb
Cadmium	111-1	54.24	54.29	54.63	54.39	0.39	ppb
Cadmium	106-1	55.32	55.39	58.37	56.36	3.09	ppb
Cadmium	108-1	55.99	54.73	53.64	54.79	2.15	ppb
Calcium	43-1	5038.41	5110.64	4938.95	5029.33	1.71	ppb
Calcium	44-1	5000.36	4953.90	4959.37	4971.21	0.51	ppb
Chromium	52-2	52.62	52.80	53.10	52.84	0.46	ppb
Cobalt	59-2	54.12	54.10	53.70	53.97	0.44	ppb
Copper	63-2	105.02	105.59	105.51	105.37	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2692.22	2675.15	2689.53	2685.63	0.34	ppb
Iron	57-2	2747.31	2677.08	2724.94	2716.44	1.32	ppb
Krypton	83-1						cps
Lead	206-1	49.99	49.38	50.10	49.82	0.78	ppb
Lead	207-1	49.55	49.82	49.97	49.78	0.42	ppb
Lead	208-1	49.20	48.96	49.39	49.19	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	5226.33	5219.51	5168.87	5204.90	0.60	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.86	103.54	103.95	104.12	0.65	ppb
Molybdenum	94-1	249.59	248.15	251.95	249.89	0.77	ppb
Molybdenum	95-1	247.17	249.09	249.52	248.59	0.50	ppb
Molybdenum	96-1	248.75	247.21	251.12	249.03	0.79	ppb
Molybdenum	97-1	250.40	247.47	251.54	249.80	0.84	ppb
Molybdenum	98-1	248.53	247.56	251.60	249.23	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.03	55.47	54.96	55.49	0.96	ppb
Phosphorus	31-2	1114.72	960.00	956.30	1010.34	8.95	ppb
Potassium	39-2	2633.22	2655.01	2615.39	2634.54	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	56.07	58.54	38.31	50.97	21.64	ppb
Selenium	78-2	52.08	51.55	54.83	52.82	3.33	ppb
Selenium	82-1	51.92	52.82	52.55	52.43	0.88	ppb
Silicon	28-1	49.38	48.90	50.03	49.44	1.15	ppb
Silver	109-1	55.46	55.92	55.10	55.49	0.74	ppb
Silver	107-1	56.40	56.10	55.33	55.94	0.98	ppb
Sodium	23-2	5156.38	5210.57	5134.75	5167.23	0.76	ppb
Strontium	86-1	50.02	49.99	50.39	50.13	0.45	ppb
Strontium	88-1	50.43	50.06	50.54	50.34	0.50	ppb
Sulfur	34-1	1043.38	838.37	962.90	948.22	10.89	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	49.19	48.06	49.26	48.84	1.37	ppb
Thallium	205-1	47.86	48.10	48.75	48.24	0.95	ppb
Thorium	232-1	46.04	45.41	46.00	45.82	0.77	ppb
Tin	118-1	54.82	55.12	54.35	54.76	0.71	ppb
Titanium	47-1	259.35	257.21	256.95	257.84	0.51	ppb
Uranium	238-1	46.10	45.18	46.17	45.82	1.20	ppb
Vanadium	51-2	51.82	52.36	52.64	52.27	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	101.93	98.82	101.61	100.78	1.70	ppb
Zirconium	90-1	49.86	49.57	49.40	49.61	0.47	ppb
Zirconium	91-1	50.70	50.78	50.78	50.76	0.09	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:32:30 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2590.35	2492.25	2497.13	2526.58	2.19	ppb
Antimony	121-1	130.59	131.45	129.21	130.42	0.87	ppb
Arsenic	75-1	129.96	127.67	128.93	128.85	0.89	ppb
Barium	135-1	640.96	645.29	643.02	643.09	0.34	ppb
Barium	137-1	642.77	640.88	635.38	639.68	0.60	ppb
Beryllium	9-1	129.57	128.68	129.30	129.18	0.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	126.77	123.75	124.52	125.01	1.26	ppb
Boron	11-1	120.25	120.02	126.04	122.10	2.79	ppb
Cadmium	111-1	131.10	130.65	131.47	131.07	0.31	ppb
Cadmium	106-1	130.20	131.93	136.39	132.84	2.41	ppb
Cadmium	108-1	130.26	129.32	132.78	130.79	1.37	ppb
Calcium	43-1	12403.65	12395.66	12507.27	12435.52	0.50	ppb
Calcium	44-1	12342.39	12239.41	12234.57	12272.13	0.50	ppb
Chromium	52-2	129.52	129.63	129.85	129.67	0.13	ppb
Cobalt	59-2	131.09	132.79	130.09	131.32	1.04	ppb
Copper	63-2	256.21	260.61	254.75	257.19	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	6623.70	6612.77	6515.76	6584.08	0.90	ppb
Iron	57-2	6643.81	6703.15	6612.55	6653.17	0.69	ppb
Krypton	83-1						cps
Lead	206-1	123.37	125.20	124.10	124.23	0.74	ppb
Lead	207-1	123.33	123.91	122.42	123.22	0.61	ppb
Lead	208-1	121.68	122.85	121.91	122.15	0.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	12975.29	12938.62	12873.97	12929.29	0.40	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:32:30 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.48	258.36	256.05	257.63	0.53	ppb
Molybdenum	94-1	617.98	616.82	618.04	617.61	0.11	ppb
Molybdenum	95-1	616.57	614.04	618.30	616.30	0.35	ppb
Molybdenum	96-1	618.30	616.86	618.39	617.85	0.14	ppb
Molybdenum	97-1	617.84	614.82	617.92	616.86	0.29	ppb
Molybdenum	98-1	616.40	616.66	621.96	618.34	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.35	134.27	133.90	133.84	0.34	ppb
Phosphorus	31-2	2574.60	2653.70	2635.94	2621.41	1.58	ppb
Potassium	39-2	6394.76	6400.01	6320.99	6371.92	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	135.57	128.56	111.02	125.05	10.12	ppb
Selenium	78-2	130.84	123.38	127.78	127.33	2.95	ppb
Selenium	82-1	130.06	129.63	130.25	129.98	0.25	ppb
Silicon	28-1	124.80	123.94	125.47	124.74	0.61	ppb
Silver	109-1	132.80	132.62	132.71	132.71	0.07	ppb
Silver	107-1	133.36	134.47	133.45	133.76	0.46	ppb
Sodium	23-2	12913.15	12788.62	12738.00	12813.25	0.70	ppb
Strontium	86-1	125.98	126.89	125.70	126.19	0.49	ppb
Strontium	88-1	124.10	123.39	123.93	123.81	0.30	ppb
Sulfur	34-1	2329.69	2158.23	2101.78	2196.56	5.40	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	121.83	122.56	121.35	121.91	0.50	ppb
Thallium	205-1	120.89	121.58	121.16	121.21	0.29	ppb
Thorium	232-1	115.42	116.32	115.68	115.81	0.40	ppb
Tin	118-1	132.95	133.31	132.78	133.01	0.20	ppb
Titanium	47-1	632.08	621.61	630.13	627.94	0.89	ppb
Uranium	238-1	115.16	115.74	114.07	114.99	0.74	ppb
Vanadium	51-2	127.62	128.07	126.75	127.48	0.53	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:32:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	252.35	252.66	248.96	251.32	0.82	ppb
Zirconium	90-1	123.53	123.63	124.96	124.04	0.65	ppb
Zirconium	91-1	125.69	125.58	126.06	125.78	0.20	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4956.47	5082.15	4967.36	5001.99	1.39	ppb
Antimony	121-1	253.28	254.02	254.38	253.90	0.22	ppb
Arsenic	75-1	254.38	258.95	259.63	257.65	1.11	ppb
Barium	135-1	1253.51	1262.26	1269.77	1261.85	0.64	ppb
Barium	137-1	1248.93	1266.60	1263.24	1259.59	0.74	ppb
Beryllium	9-1	254.43	256.74	257.00	256.06	0.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	242.31	252.27	253.81	249.47	2.50	ppb
Boron	11-1	241.77	245.82	252.35	246.64	2.16	ppb
Cadmium	111-1	250.40	253.08	254.37	252.62	0.80	ppb
Cadmium	106-1	253.19	252.21	252.78	252.73	0.20	ppb
Cadmium	108-1	253.35	251.43	252.08	252.29	0.39	ppb
Calcium	43-1	24808.68	25114.12	24502.10	24808.30	1.23	ppb
Calcium	44-1	24885.77	24759.52	24554.11	24733.13	0.68	ppb
Chromium	52-2	254.88	253.23	251.88	253.33	0.59	ppb
Cobalt	59-2	257.92	256.04	256.68	256.88	0.37	ppb
Copper	63-2	497.52	496.62	497.76	497.30	0.12	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				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	13068.33	13015.81	13003.84	13029.33	0.26	ppb
Iron	57-2	13160.84	13063.21	13240.36	13154.80	0.67	ppb
Krypton	83-1						cps
Lead	206-1	247.55	250.54	250.90	249.66	0.74	ppb
Lead	207-1	246.60	247.80	249.66	248.02	0.62	ppb
Lead	208-1	243.59	245.30	246.24	245.04	0.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	25536.57	25645.97	25752.40	25644.98	0.42	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.07	507.16	510.46	508.23	0.38	ppb
Molybdenum	94-1	1236.58	1254.07	1234.78	1241.81	0.86	ppb
Molybdenum	95-1	1225.26	1232.72	1225.99	1227.99	0.33	ppb
Molybdenum	96-1	1231.31	1247.00	1231.27	1236.53	0.73	ppb
Molybdenum	97-1	1233.09	1250.31	1232.01	1238.47	0.83	ppb
Molybdenum	98-1	1242.89	1253.50	1242.00	1246.13	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.03	256.92	258.05	259.00	1.04	ppb
Phosphorus	31-2	4851.16	5105.46	5051.73	5002.78	2.68	ppb
Potassium	39-2	12492.55	12542.20	12540.19	12524.98	0.22	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	277.22	244.69	249.75	257.22	6.80	ppb
Selenium	78-2	260.97	252.71	254.79	256.16	1.68	ppb
Selenium	82-1	260.48	262.00	260.94	261.14	0.30	ppb
Silicon	28-1	248.08	252.32	247.74	249.38	1.02	ppb
Silver	109-1	252.99	252.86	255.57	253.81	0.60	ppb
Silver	107-1	254.31	255.31	257.35	255.66	0.60	ppb
Sodium	23-2	25711.47	25470.85	25606.91	25596.41	0.47	ppb
Strontium	86-1	252.98	252.15	250.71	251.95	0.46	ppb
Strontium	88-1	244.97	247.32	247.43	246.58	0.56	ppb
Sulfur	34-1	4618.17	4606.29	4486.58	4570.34	1.59	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	242.92	246.12	245.43	244.82	0.69	ppb
Thallium	205-1	240.55	240.77	239.83	240.38	0.20	ppb
Thorium	232-1	236.50	238.21	236.91	237.21	0.38	ppb
Tin	118-1	258.38	260.44	257.66	258.83	0.56	ppb
Titanium	47-1	1262.23	1269.56	1256.17	1262.65	0.53	ppb
Uranium	238-1	236.29	237.89	238.01	237.40	0.41	ppb
Vanadium	51-2	251.47	249.78	250.94	250.73	0.35	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	488.18	496.12	495.07	493.13	0.87	ppb
Zirconium	90-1	245.81	249.54	246.32	247.22	0.82	ppb
Zirconium	91-1	254.51	254.07	251.22	253.27	0.71	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9841.21	9844.75	9708.02	9797.99	0.80	ppb
Antimony	121-1	490.53	543.54	480.12	504.73	6.74	ppb
Arsenic	75-1	504.20	548.63	491.42	514.75	5.83	ppb
Barium	135-1	2423.57	2701.27	2375.01	2499.95	7.04	ppb
Barium	137-1	2485.63	2722.47	2435.52	2547.87	6.02	ppb
Beryllium	9-1	502.28	540.01	493.41	511.90	4.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	500.38	525.61	488.56	504.85	3.75	ppb
Boron	11-1	486.60	528.27	492.17	502.34	4.50	ppb
Cadmium	111-1	480.80	532.76	471.12	494.89	6.70	ppb
Cadmium	106-1	484.31	531.45	470.48	495.41	6.45	ppb
Cadmium	108-1	478.90	533.90	478.52	497.10	6.41	ppb
Calcium	43-1	48942.49	53608.00	47703.54	50084.68	6.22	ppb
Calcium	44-1	49074.92	53932.44	47563.62	50190.33	6.63	ppb
Chromium	52-2	503.59	498.57	495.78	499.31	0.79	ppb
Cobalt	59-2	502.97	505.20	495.92	501.36	0.97	ppb
Copper	63-2	972.95	975.24	958.57	968.92	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	26040.13	25846.66	25453.94	25780.24	1.16	ppb
Iron	57-2	25998.48	26025.67	25555.75	25859.97	1.02	ppb
Krypton	83-1						cps
Lead	206-1	492.73	536.01	479.48	502.74	5.88	ppb
Lead	207-1	491.41	539.57	477.71	502.89	6.46	ppb
Lead	208-1	490.91	537.93	477.42	502.08	6.33	ppb
Lithium	6-1				89		%
Magnesium	24-2	51397.08	51138.07	50632.23	51055.79	0.76	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.65	1006.75	993.89	1000.43	0.64	ppb
Molybdenum	94-1	2468.73	2725.57	2416.92	2537.07	6.51	ppb
Molybdenum	95-1	2458.48	2723.69	2415.52	2532.56	6.59	ppb
Molybdenum	96-1	2446.52	2721.03	2407.21	2524.92	6.77	ppb
Molybdenum	97-1	2414.54	2724.58	2350.08	2496.40	8.02	ppb
Molybdenum	98-1	2452.88	2718.84	2382.22	2517.98	7.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.11	504.83	498.33	503.76	0.99	ppb
Phosphorus	31-2	10016.99	10032.10	10043.53	10030.88	0.13	ppb
Potassium	39-2	25041.76	24881.79	24772.33	24898.62	0.54	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	523.83	523.31	513.38	520.18	1.13	ppb
Selenium	78-2	518.24	514.04	520.37	517.55	0.62	ppb
Selenium	82-1	511.36	562.43	500.31	524.70	6.32	ppb
Silicon	28-1	490.42	545.85	482.20	506.16	6.84	ppb
Silver	109-1	479.51	527.53	467.64	491.56	6.45	ppb
Silver	107-1	480.03	528.22	469.39	492.55	6.36	ppb
Sodium	23-2	50711.91	50926.13	50082.90	50573.64	0.87	ppb
Strontium	86-1	493.04	539.28	486.36	506.23	5.69	ppb
Strontium	88-1	494.43	544.40	482.18	507.00	6.50	ppb
Sulfur	34-1	9316.53	10835.73	8949.63	9700.63	10.31	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	480.41	530.03	470.39	493.61	6.47	ppb
Thallium	205-1	484.21	533.02	475.84	497.69	6.20	ppb
Thorium	232-1	484.62	530.10	468.29	494.33	6.48	ppb
Tin	118-1	497.62	552.18	487.15	512.32	6.82	ppb
Titanium	47-1	2471.45	2723.24	2404.40	2533.03	6.64	ppb
Uranium	238-1	477.32	527.06	472.25	492.21	6.15	ppb
Vanadium	51-2	500.31	498.68	493.29	497.43	0.74	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	960.31	972.38	949.43	960.71	1.19	ppb
Zirconium	90-1	491.30	543.93	478.09	504.44	6.90	ppb
Zirconium	91-1	493.08	543.89	485.04	507.34	6.29	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:44:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19793.15	19919.74	19942.14	19885.01	0.40	ppb
Antimony	121-1	996.58	995.07	995.77	995.81	0.08	ppb
Arsenic	75-1	1002.54	973.96	993.68	990.06	1.48	ppb
Barium	135-1	5034.06	4957.92	4989.98	4993.99	0.77	ppb
Barium	137-1	4987.38	4956.64	4969.29	4971.10	0.31	ppb
Beryllium	9-1	997.13	987.60	990.81	991.85	0.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	989.34	985.97	1018.08	997.80	1.77	ppb
Boron	11-1	991.64	991.58	1016.98	1000.07	1.46	ppb
Cadmium	111-1	1001.66	994.85	1006.25	1000.92	0.57	ppb
Cadmium	106-1	993.57	1006.86	1000.51	1000.31	0.66	ppb
Cadmium	108-1	1006.41	1002.59	990.74	999.91	0.82	ppb
Calcium	43-1	100317.22	97554.00	98071.61	98647.61	1.49	ppb
Calcium	44-1	100423.86	98321.79	98552.00	99099.22	1.16	ppb
Chromium	52-2	994.91	999.94	1001.51	998.79	0.35	ppb
Cobalt	59-2	990.67	1000.60	998.56	996.61	0.53	ppb
Copper	63-2	2005.17	2016.19	2023.78	2015.05	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	51507.15	51352.94	51548.62	51469.57	0.20	ppb
Iron	57-2	51525.62	52109.25	51840.62	51825.16	0.56	ppb
Krypton	83-1						cps
Lead	206-1	1008.88	991.63	995.96	998.82	0.90	ppb
Lead	207-1	1004.97	988.49	1004.39	999.28	0.94	ppb
Lead	208-1	1007.18	991.22	1003.38	1000.59	0.83	ppb
Lithium	6-1				86		%
Magnesium	24-2	102913.98	102512.12	103232.59	102886.23	0.35	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:44:03 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.11	1997.53	2004.07	1996.57	0.40	ppb
Molybdenum	94-1	5044.21	4948.31	4960.80	4984.44	1.05	ppb
Molybdenum	95-1	5031.00	4949.15	4990.98	4990.38	0.82	ppb
Molybdenum	96-1	5019.21	4967.39	4988.96	4991.85	0.52	ppb
Molybdenum	97-1	5041.74	4984.39	4991.00	5005.71	0.63	ppb
Molybdenum	98-1	5030.62	4960.62	4987.30	4992.85	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.79	994.06	997.63	994.49	0.30	ppb
Phosphorus	31-2	19729.27	19917.22	20258.03	19968.17	1.34	ppb
Potassium	39-2	49835.19	49636.99	49726.85	49733.01	0.20	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	966.69	971.91	1025.52	988.04	3.30	ppb
Selenium	78-2	979.59	977.43	1010.73	989.25	1.88	ppb
Selenium	82-1	983.06	982.34	986.97	984.12	0.25	ppb
Silicon	28-1	1003.38	992.26	995.80	997.14	0.57	ppb
Silver	109-1	1004.91	999.48	1001.70	1002.03	0.27	ppb
Silver	107-1	1004.37	997.88	1000.51	1000.92	0.33	ppb
Sodium	23-2	102847.99	101948.89	102425.41	102407.43	0.44	ppb
Strontium	86-1	1007.40	984.01	997.33	996.24	1.18	ppb
Strontium	88-1	1007.74	987.14	997.57	997.49	1.03	ppb
Sulfur	34-1	20565.98	20101.47	20225.41	20297.62	1.19	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	1011.46	994.91	1008.43	1004.93	0.88	ppb
Thallium	205-1	1010.31	995.80	1006.25	1004.12	0.75	ppb
Thorium	232-1	1019.06	995.29	1007.81	1007.39	1.18	ppb
Tin	118-1	989.81	988.81	992.55	990.39	0.20	ppb
Titanium	47-1	5010.11	4956.55	4972.03	4979.56	0.55	ppb
Uranium	238-1	1019.01	993.81	1012.70	1008.51	1.30	ppb
Vanadium	51-2	995.71	1000.66	1005.67	1000.68	0.50	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:44:03	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2022.31	2016.12	2025.05	2021.16	0.23	ppb
Zirconium	90-1	1002.11	995.53	998.21	998.61	0.33	ppb
Zirconium	91-1	1007.22	985.03	993.90	995.38	1.12	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:47:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99307.46	99913.46	100905.54	100042.15	0.81	ppb
Antimony	121-1	1.57	1.57	1.63	1.59	2.12	ppb
Arsenic	75-1	1.31	1.37	0.95	1.21	18.81	ppb
Barium	135-1	1.14	1.07	1.00	1.07	6.15	ppb
Barium	137-1	1.07	1.04	1.10	1.07	3.11	ppb
Beryllium	9-1	0.21	0.21	0.19	0.20	5.59	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	58.70	50.92	48.54	52.72	10.08	ppb
Boron	11-1	57.76	53.57	47.67	53.00	9.56	ppb
Cadmium	111-1	0.32	0.37	0.23	0.31	22.44	ppb
Cadmium	106-1	1.94	2.85	0.87	1.89	52.41	ppb
Cadmium	108-1	0.18	0.25	0.22	0.22	16.03	ppb
Calcium	43-1	502097.79	502877.20	495843.75	500272.91	0.77	ppb
Calcium	44-1	502051.27	503079.32	495410.78	500180.46	0.83	ppb
Chromium	52-2	16.06	16.63	16.83	16.51	2.42	ppb
Cobalt	59-2	11.51	11.59	11.55	11.55	0.34	ppb
Copper	63-2	2.60	2.63	2.60	2.61	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	246955.06	250106.78	251712.32	249591.39	0.97	ppb
Iron	57-2	246628.67	249599.34	252283.94	249503.99	1.13	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.90	0.95	0.95	5.15	ppb
Lead	207-1	0.90	0.88	0.93	0.90	2.94	ppb
Lead	208-1	0.92	0.84	0.91	0.89	5.06	ppb
Lithium	6-1				87		%
Magnesium	24-2	495858.99	499550.77	502406.65	499272.14	0.66	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:47:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.99	7.31	7.10	7.13	2.20	ppb
Molybdenum	94-1	2.88	2.94	2.79	2.87	2.58	ppb
Molybdenum	95-1	3.45	3.55	3.32	3.44	3.29	ppb
Molybdenum	96-1	5.33	5.00	4.65	4.99	6.78	ppb
Molybdenum	97-1	3.60	3.42	3.25	3.42	5.19	ppb
Molybdenum	98-1	3.52	3.32	3.15	3.33	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.31	18.61	18.14	18.35	1.32	ppb
Phosphorus	31-2	-14.89	-8.13	-17.78	-13.60		ppb
Potassium	39-2	247952.73	251123.15	251097.74	250057.87	0.73	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.68	0.23	173.21	ppb
Selenium	78-2	-0.49	-0.17	0.33	-0.11		ppb
Selenium	82-1	0.16	0.50	0.47	0.38	49.16	ppb
Silicon	28-1	48.08	49.34	49.02	48.81	1.34	ppb
Silver	109-1	0.17	0.12	0.14	0.15	17.64	ppb
Silver	107-1	0.20	0.16	0.15	0.17	15.96	ppb
Sodium	23-2	495129.57	501772.69	501363.24	499421.83	0.75	ppb
Strontium	86-1	4.09	4.10	3.92	4.04	2.48	ppb
Strontium	88-1	4.22	4.19	4.20	4.20	0.45	ppb
Sulfur	34-1	-562.70	-490.09	-563.63	-538.80		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.33	0.27	0.22	0.27	19.70	ppb
Thallium	205-1	0.31	0.27	0.25	0.28	11.85	ppb
Thorium	232-1	0.41	0.36	0.31	0.36	13.64	ppb
Tin	118-1	0.63	0.59	0.64	0.62	4.61	ppb
Titanium	47-1	1.92	1.83	2.02	1.92	4.99	ppb
Uranium	238-1	0.20	0.18	0.16	0.18	11.22	ppb
Vanadium	51-2	0.18	0.17	0.18	0.18	3.48	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:47:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.66	18.27	17.39	18.10	3.59	ppb
Zirconium	90-1	0.39	0.34	0.28	0.33	16.13	ppb
Zirconium	91-1	0.38	0.29	0.28	0.32	17.05	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:59:02	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	445.72	471.99	481.83	466.52	4.00	ppb
Antimony	121-1	197.18	197.45	195.01	196.55	0.68	ppb
Arsenic	75-1	203.21	206.33	204.80	204.78	0.76	ppb
Barium	135-1	99.81	99.01	98.54	99.12	0.65	ppb
Barium	137-1	100.16	100.41	99.47	100.01	0.49	ppb
Beryllium	9-1	96.90	96.41	96.96	96.76	0.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	477.08	477.39	500.13	484.87	2.73	ppb
Boron	11-1	469.29	480.18	494.31	481.26	2.61	ppb
Cadmium	111-1	99.69	99.07	98.56	99.11	0.57	ppb
Cadmium	106-1	80.71	79.52	79.15	79.79	1.02	ppb
Cadmium	108-1	104.73	103.52	99.88	102.71	2.45	ppb
Calcium	43-1	1972.37	1945.69	1960.67	1959.58	0.68	ppb
Calcium	44-1	1968.45	1956.81	1968.69	1964.65	0.35	ppb
Chromium	52-2	97.11	98.70	98.95	98.25	1.01	ppb
Cobalt	59-2	100.34	101.50	102.23	101.36	0.94	ppb
Copper	63-2	99.44	100.09	99.35	99.63	0.41	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				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	1037.17	1049.46	1052.73	1046.45	0.78	ppb
Iron	57-2	1022.75	1062.58	1066.21	1050.51	2.30	ppb
Krypton	83-1						cps
Lead	206-1	195.05	193.78	193.32	194.05	0.46	ppb
Lead	207-1	191.51	193.35	188.55	191.14	1.27	ppb
Lead	208-1	189.83	190.29	187.49	189.20	0.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	1219.43	1216.97	1233.31	1223.24	0.72	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:59:02	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.15	97.90	97.81	97.29	1.01	ppb
Molybdenum	94-1	1603.45	1620.83	1615.23	1613.17	0.55	ppb
Molybdenum	95-1	2343.07	2360.50	2357.30	2353.63	0.39	ppb
Molybdenum	96-1	2246.51	2272.59	2244.14	2254.41	0.70	ppb
Molybdenum	97-1	2256.21	2293.63	2282.62	2277.49	0.84	ppb
Molybdenum	98-1	2318.40	2349.49	2331.84	2333.24	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.33	105.70	105.33	104.79	1.22	ppb
Phosphorus	31-2	-15.57	-5.44	-24.90	-15.30		ppb
Potassium	39-2	1964.96	1995.48	1979.02	1979.82	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	202.83	206.50	185.85	198.39	5.55	ppb
Selenium	78-2	196.85	196.47	203.65	198.99	2.03	ppb
Selenium	82-1	201.95	199.91	200.81	200.89	0.51	ppb
Silicon	28-1	2.76	3.14	3.81	3.23	16.44	ppb
Silver	109-1	93.19	93.89	91.55	92.88	1.29	ppb
Silver	107-1	93.86	94.45	93.42	93.91	0.55	ppb
Sodium	23-2	2011.02	2008.40	1999.30	2006.24	0.31	ppb
Strontium	86-1	1.97	2.30	2.24	2.17	7.99	ppb
Strontium	88-1	2.25	2.31	2.28	2.28	1.21	ppb
Sulfur	34-1	-514.68	-644.10	-680.12	-612.96		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	200.99	200.99	197.25	199.75	1.08	ppb
Thallium	205-1	197.28	197.88	197.03	197.39	0.22	ppb
Thorium	232-1	0.10	0.11	0.10	0.10	4.11	ppb
Tin	118-1	0.07	0.06	0.10	0.08	26.56	ppb
Titanium	47-1	2483.42	2506.07	2508.47	2499.32	0.55	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	54.61	ppb
Vanadium	51-2	96.06	97.11	97.18	96.78	0.65	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:59:02	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	207.05	210.08	212.56	209.90	1.31	ppb
Zirconium	90-1	0.25	0.22	0.21	0.23	8.45	ppb
Zirconium	91-1	0.31	0.34	0.30	0.32	5.78	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:05:10 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.74	0.74	0.63	30.56	ppb
Antimony	121-1	0.09	0.11	0.13	0.11	18.63	ppb
Arsenic	75-1	-0.17	-0.10	-0.05	-0.11		ppb
Barium	135-1	0.01	0.00	0.01	0.01	114.62	ppb
Barium	137-1	0.02	0.00	0.01	0.01	103.56	ppb
Beryllium	9-1	0.03	0.02	0.05	0.03	55.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	16.75	16.33	15.67	16.25	3.35	ppb
Boron	11-1	16.21	16.69	15.28	16.06	4.47	ppb
Cadmium	111-1	-0.09	0.06	-0.03	-0.02		ppb
Cadmium	106-1	-1.49	0.62	-0.48	-0.45		ppb
Cadmium	108-1	-0.05	0.01	0.01	-0.01		ppb
Calcium	43-1	2.71	1.49	0.63	1.61	64.83	ppb
Calcium	44-1	1.98	0.94	1.09	1.34	42.13	ppb
Chromium	52-2	-0.02	-0.03	-0.04	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	119.49	ppb
Copper	63-2	-0.04	0.02	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	0.30	0.39	0.48	0.39	24.07	ppb
Iron	57-2	-1.15	0.90	1.26	0.34	385.74	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	6.18	ppb
Lead	207-1	0.04	0.07	0.09	0.07	41.98	ppb
Lead	208-1	0.03	0.06	0.06	0.05	30.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.07	0.96	0.52	0.51	86.86	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:05:10	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	-0.01	0.01	155.89	ppb
Molybdenum	94-1	0.11	0.09	0.17	0.12	32.25	ppb
Molybdenum	95-1	0.20	0.24	0.21	0.22	9.99	ppb
Molybdenum	96-1	0.20	0.21	0.17	0.20	10.72	ppb
Molybdenum	97-1	0.21	0.24	0.12	0.19	33.32	ppb
Molybdenum	98-1	0.19	0.18	0.20	0.19	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	-0.01	0.00	2637.36	ppb
Phosphorus	31-2	-13.12	-22.43	-6.95	-14.17		ppb
Potassium	39-2	2.19	1.52	0.49	1.40	61.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	-0.11	-0.40	-0.13		ppb
Selenium	82-1	-0.10	-0.72	-0.80	-0.54		ppb
Silicon	28-1	-0.43	-0.16	0.35	-0.08		ppb
Silver	109-1	0.00	0.01	0.00	0.01	74.88	ppb
Silver	107-1	0.00	0.00	0.01	0.00	109.35	ppb
Sodium	23-2	9.99	13.26	11.59	11.62	14.07	ppb
Strontium	86-1	0.02	-0.02	0.01	0.01	452.26	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.85	ppb
Sulfur	34-1	-508.81	-416.17	-336.33	-420.44		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.04	19.12	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	9.83	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	47.96	ppb
Tin	118-1	0.06	0.05	0.06	0.05	15.51	ppb
Titanium	47-1	0.15	0.14	0.21	0.17	21.69	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	97.76	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	128.63	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:05:10	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.16	0.27	0.13	112.26	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	125.57	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	122.11	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:08:47 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91198.50	90773.79	91138.85	91037.04	0.25	ppb
Antimony	121-1	1.10	1.08	1.08	1.09	1.14	ppb
Arsenic	75-1	1.37	1.35	1.19	1.30	7.39	ppb
Barium	135-1	1.47	1.45	1.46	1.46	0.71	ppb
Barium	137-1	1.53	1.35	1.34	1.41	7.74	ppb
Beryllium	9-1	0.30	0.27	0.26	0.28	7.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	10.70	9.89	10.28	10.29	3.93	ppb
Boron	11-1	11.00	10.75	10.02	10.59	4.83	ppb
Cadmium	111-1	0.11	0.13	0.22	0.16	36.89	ppb
Cadmium	106-1	-3.96	-2.39	-2.73	-3.03		ppb
Cadmium	108-1	9.46	10.18	8.96	9.54	6.43	ppb
Calcium	43-1	98258.26	97299.01	98451.31	98002.86	0.63	ppb
Calcium	44-1	99298.48	98829.92	99000.70	99043.03	0.24	ppb
Chromium	52-2	19.53	19.47	19.69	19.56	0.59	ppb
Cobalt	59-2	1.23	1.08	1.25	1.19	7.79	ppb
Copper	63-2	7.36	7.37	7.34	7.36	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	101731.71	100764.76	102513.36	101669.94	0.86	ppb
Iron	57-2	100877.90	100107.85	102622.31	101202.69	1.27	ppb
Krypton	83-1						cps
Lead	206-1	4.96	4.88	4.91	4.92	0.82	ppb
Lead	207-1	4.39	4.36	4.43	4.39	0.85	ppb
Lead	208-1	4.53	4.49	4.47	4.50	0.67	ppb
Lithium	6-1				90		%
Magnesium	24-2	102398.24	101106.76	102492.99	101999.33	0.76	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:08:47 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.68	7.63	7.52	7.61	1.11	ppb
Molybdenum	94-1	1258.36	1247.11	1251.24	1252.24	0.45	ppb
Molybdenum	95-1	1827.53	1811.64	1823.06	1820.74	0.45	ppb
Molybdenum	96-1	1762.20	1755.30	1739.03	1752.18	0.68	ppb
Molybdenum	97-1	1792.33	1759.69	1758.42	1770.15	1.09	ppb
Molybdenum	98-1	1807.92	1800.72	1816.04	1808.22	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.23	5.37	5.32	1.52	ppb
Phosphorus	31-2	97453.59	95572.74	95062.24	96029.52	1.31	ppb
Potassium	39-2	99313.80	99883.07	100110.99	99769.28	0.41	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.67	0.22	173.21	ppb
Selenium	78-2	0.16	0.26	0.06	0.16	61.09	ppb
Selenium	82-1	-0.04	-0.37	-0.17	-0.19		ppb
Silicon	28-1	16.39	16.16	16.89	16.48	2.27	ppb
Silver	109-1	0.05	0.04	0.04	0.04	13.62	ppb
Silver	107-1	0.05	0.05	0.04	0.04	17.82	ppb
Sodium	23-2	102357.96	101919.49	102812.51	102363.32	0.44	ppb
Strontium	86-1	33.76	33.02	33.69	33.49	1.23	ppb
Strontium	88-1	33.82	33.40	33.35	33.52	0.78	ppb
Sulfur	34-1	101913.59	101931.84	101035.37	101626.93	0.50	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.13	0.15	0.13	19.26	ppb
Thallium	205-1	0.12	0.14	0.13	0.13	5.42	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	38.46	ppb
Tin	118-1	0.20	0.17	0.13	0.17	19.00	ppb
Titanium	47-1	2018.34	2007.24	1997.04	2007.54	0.53	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	32.39	ppb
Vanadium	51-2	0.17	0.15	0.18	0.17	8.05	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:08:47	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.92	9.86	10.18	9.99	1.71	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	40.84	ppb
Zirconium	91-1	0.05	0.05	0.03	0.04	22.33	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:12:24	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92805.85	91368.87	91086.44	91753.72	1.00	ppb
Antimony	121-1	21.20	21.99	19.88	21.03	5.06	ppb
Arsenic	75-1	20.75	22.63	21.55	21.64	4.35	ppb
Barium	135-1	21.68	22.46	21.36	21.83	2.59	ppb
Barium	137-1	22.63	23.01	20.89	22.18	5.09	ppb
Beryllium	9-1	21.07	21.26	19.94	20.76	3.45	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	60.56	63.20	56.95	60.24	5.21	ppb
Boron	11-1	62.56	65.79	61.33	63.23	3.64	ppb
Cadmium	111-1	19.29	20.43	19.01	19.58	3.83	ppb
Cadmium	106-1	21.46	23.73	23.75	22.98	5.73	ppb
Cadmium	108-1	31.76	32.67	28.10	30.85	7.85	ppb
Calcium	43-1	102053.13	103514.03	95661.20	100409.45	4.16	ppb
Calcium	44-1	102120.81	105175.01	96452.38	101249.40	4.37	ppb
Chromium	52-2	39.87	39.58	39.36	39.61	0.64	ppb
Cobalt	59-2	21.08	21.19	21.10	21.12	0.27	ppb
Copper	63-2	26.81	26.59	27.05	26.82	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	102891.80	102431.98	102041.25	102455.01	0.42	ppb
Iron	57-2	101099.46	100518.58	100991.30	100869.78	0.31	ppb
Krypton	83-1						cps
Lead	206-1	26.51	27.60	25.13	26.42	4.69	ppb
Lead	207-1	25.06	25.75	24.05	24.95	3.42	ppb
Lead	208-1	25.06	25.83	24.14	25.01	3.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	103547.57	102191.10	102038.28	102592.31	0.81	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:12:24	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.81	27.96	26.94	27.57	2.01	ppb
Molybdenum	94-1	1418.71	1441.07	1328.99	1396.26	4.25	ppb
Molybdenum	95-1	1936.29	1959.55	1824.43	1906.76	3.79	ppb
Molybdenum	96-1	1874.48	1921.27	1757.92	1851.22	4.54	ppb
Molybdenum	97-1	1897.30	1921.62	1772.36	1863.76	4.30	ppb
Molybdenum	98-1	1919.76	1968.83	1815.58	1901.39	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.57	25.49	24.91	25.33	1.44	ppb
Phosphorus	31-2	97633.48	96547.35	95178.14	96452.99	1.28	ppb
Potassium	39-2	101049.71	99937.68	99485.15	100157.52	0.80	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	77-2	22.07	23.33	24.01	23.14	4.25	ppb
Selenium	78-2	23.33	18.19	18.53	20.01	14.37	ppb
Selenium	82-1	19.29	20.59	18.22	19.37	6.14	ppb
Silicon	28-1	71.17	72.33	66.34	69.95	4.54	ppb
Silver	109-1	18.69	19.02	17.64	18.45	3.92	ppb
Silver	107-1	19.21	19.62	17.66	18.83	5.50	ppb
Sodium	23-2	103455.01	102735.49	102327.94	102839.48	0.55	ppb
Strontium	86-1	102.99	104.20	96.55	101.25	4.06	ppb
Strontium	88-1	102.10	104.51	95.72	100.78	4.51	ppb
Sulfur	34-1	105624.00	107802.81	99669.37	104365.39	4.03	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	21.37	21.90	20.43	21.23	3.50	ppb
Thallium	205-1	21.16	21.90	20.13	21.06	4.22	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	4.37	ppb
Tin	118-1	58.38	60.08	54.38	57.61	5.08	ppb
Titanium	47-1	2124.63	2170.96	2017.60	2104.40	3.74	ppb
Uranium	238-1	57.29	59.00	54.43	56.91	4.06	ppb
Vanadium	51-2	20.41	19.51	19.93	19.95	2.26	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:12:24	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.54	28.73	28.17	28.48	0.99	ppb
Zirconium	90-1	55.93	57.70	53.49	55.71	3.79	ppb
Zirconium	91-1	57.10	58.07	52.59	55.92	5.23	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:16:02	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51698.03	51696.40	51588.55	51660.99	0.12	ppb
Antimony	121-1	475.68	474.88	472.70	474.42	0.33	ppb
Arsenic	75-1	510.52	514.89	516.89	514.10	0.63	ppb
Barium	135-1	2439.66	2424.35	2442.59	2435.53	0.40	ppb
Barium	137-1	2504.36	2479.46	2518.84	2500.89	0.80	ppb
Beryllium	9-1	490.24	492.54	490.11	490.97	0.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	469.68	492.58	483.72	481.99	2.40	ppb
Boron	11-1	480.71	489.46	483.42	484.53	0.92	ppb
Cadmium	111-1	505.01	500.61	505.85	503.82	0.56	ppb
Cadmium	106-1	510.43	507.55	502.68	506.89	0.77	ppb
Cadmium	108-1	503.66	497.47	509.44	503.52	1.19	ppb
Calcium	43-1	240678.98	240967.63	242742.66	241463.09	0.46	ppb
Calcium	44-1	242741.23	244395.70	245783.80	244306.91	0.62	ppb
Chromium	52-2	500.90	507.46	503.82	504.06	0.65	ppb
Cobalt	59-2	487.04	492.82	492.96	490.94	0.69	ppb
Copper	63-2	1014.28	1023.55	1019.88	1019.23	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	124286.40	124787.81	125456.96	124843.72	0.47	ppb
Iron	57-2	122934.62	124525.62	124173.90	123878.05	0.67	ppb
Krypton	83-1						cps
Lead	206-1	508.05	511.20	507.99	509.08	0.36	ppb
Lead	207-1	506.51	508.65	507.69	507.61	0.21	ppb
Lead	208-1	497.76	500.42	498.27	498.82	0.28	ppb
Lithium	6-1				89		%
Magnesium	24-2	251194.14	252434.11	251504.75	251711.00	0.26	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:16:02	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.46	992.58	998.71	992.92	0.57	ppb
Molybdenum	94-1	2486.96	2508.70	2495.64	2497.10	0.44	ppb
Molybdenum	95-1	2492.38	2508.90	2490.17	2497.15	0.41	ppb
Molybdenum	96-1	2481.89	2503.05	2503.12	2496.02	0.49	ppb
Molybdenum	97-1	2419.98	2421.65	2407.50	2416.38	0.32	ppb
Molybdenum	98-1	2479.02	2481.88	2492.23	2484.37	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.65	487.64	483.89	483.39	0.93	ppb
Phosphorus	31-2	10203.34	9609.19	9633.61	9815.38	3.43	ppb
Potassium	39-2	125779.76	127059.75	126830.54	126556.68	0.54	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	481.26	498.23	501.37	493.62	2.19	ppb
Selenium	78-2	489.51	484.10	487.69	487.10	0.57	ppb
Selenium	82-1	475.33	481.54	479.42	478.76	0.66	ppb
Silicon	28-1	489.93	498.48	504.66	497.69	1.49	ppb
Silver	109-1	491.91	489.90	495.76	492.52	0.60	ppb
Silver	107-1	493.44	491.52	493.92	492.96	0.26	ppb
Sodium	23-2	248401.96	251039.47	249369.73	249603.72	0.53	ppb
Strontium	86-1	496.01	496.96	497.18	496.72	0.13	ppb
Strontium	88-1	497.84	497.95	499.03	498.27	0.13	ppb
Sulfur	34-1	9435.83	9507.40	9714.92	9552.72	1.52	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	499.00	499.73	501.95	500.23	0.31	ppb
Thallium	205-1	504.59	509.18	510.94	508.24	0.65	ppb
Thorium	232-1	522.90	524.77	522.80	523.49	0.21	ppb
Tin	118-1	494.76	491.66	493.14	493.19	0.32	ppb
Titanium	47-1	2486.61	2516.27	2498.99	2500.62	0.60	ppb
Uranium	238-1	521.30	520.21	521.53	521.01	0.13	ppb
Vanadium	51-2	499.63	506.37	502.74	502.91	0.67	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:16:02	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.91	1032.23	1029.86	1028.00	0.53	ppb
Zirconium	90-1	499.26	502.47	502.33	501.35	0.36	ppb
Zirconium	91-1	498.02	503.93	499.19	500.38	0.63	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:26:41	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	1.55	2.09	2.05	23.40	ppb
Antimony	121-1	0.11	0.12	0.13	0.12	10.79	ppb
Arsenic	75-1	0.27	0.00	0.00	0.09	179.81	ppb
Barium	135-1	0.01	0.04	0.03	0.03	46.73	ppb
Barium	137-1	0.02	0.06	0.03	0.04	48.88	ppb
Beryllium	9-1	0.03	0.02	0.05	0.03	54.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	7.23	6.67	6.67	6.86	4.75	ppb
Boron	11-1	6.68	5.99	5.81	6.16	7.47	ppb
Cadmium	111-1	0.00	0.03	-0.02	0.00	618.93	ppb
Cadmium	106-1	-0.25	0.25	-0.35	-0.11		ppb
Cadmium	108-1	-0.05	0.01	0.04	0.00		ppb
Calcium	43-1	3.80	4.68	2.51	3.66	29.82	ppb
Calcium	44-1	3.34	2.95	3.73	3.34	11.77	ppb
Chromium	52-2	0.02	0.02	0.02	0.02	10.06	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	36.10	ppb
Copper	63-2	0.03	0.04	0.06	0.04	38.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2.81	2.98	3.38	3.06	9.57	ppb
Iron	57-2	3.17	2.22	5.07	3.49	41.65	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	6.14	ppb
Lead	207-1	0.07	0.06	0.03	0.06	32.55	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.33	4.81	4.90	5.01	5.54	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:26:41	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.04	0.03	28.88	ppb
Molybdenum	94-1	0.10	0.08	0.13	0.10	24.69	ppb
Molybdenum	95-1	0.13	0.10	0.11	0.11	12.22	ppb
Molybdenum	96-1	0.13	0.10	0.12	0.11	12.99	ppb
Molybdenum	97-1	0.13	0.14	0.13	0.13	2.77	ppb
Molybdenum	98-1	0.10	0.11	0.09	0.10	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	729.37	ppb
Phosphorus	31-2	-19.67	-10.37	-9.94	-13.33		ppb
Potassium	39-2	4.90	7.06	6.41	6.12	18.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	1.20	0.00	0.00	0.40	173.21	ppb
Selenium	78-2	0.84	-0.73	0.52	0.21	392.40	ppb
Selenium	82-1	-0.74	-0.74	-0.74	-0.74		ppb
Silicon	28-1	-1.52	-0.80	-1.14	-1.15		ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.59	ppb
Silver	107-1	0.03	0.02	0.03	0.03	16.31	ppb
Sodium	23-2	20.82	19.42	20.71	20.32	3.83	ppb
Strontium	86-1	-0.04	-0.04	0.03	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.52	ppb
Sulfur	34-1	-452.50	-425.65	-544.60	-474.25		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.04	0.04	0.03	21.34	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	5.23	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	39.38	ppb
Tin	118-1	0.04	0.06	0.04	0.05	30.45	ppb
Titanium	47-1	0.17	0.04	0.08	0.10	67.65	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	92.51	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	89.19	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:26:41	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.00	0.11	0.07	91.37	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	20.19	ppb
Zirconium	91-1	0.05	0.01	0.02	0.02	79.85	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	22.97	24.06	22.08	11.56	ppb
Antimony	121-1	2.09	1.97	1.97	2.01	3.58	ppb
Arsenic	75-1	1.07	0.80	0.54	0.80	32.68	ppb
Barium	135-1	10.03	10.26	10.10	10.13	1.13	ppb
Barium	137-1	10.07	10.07	9.98	10.04	0.50	ppb
Beryllium	9-1	0.98	1.00	1.04	1.01	2.98	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	24.89	27.50	27.21	26.53	5.37	ppb
Boron	11-1	26.05	26.01	26.88	26.32	1.87	ppb
Cadmium	111-1	1.03	1.22	0.99	1.08	11.63	ppb
Cadmium	106-1	2.12	3.59	0.86	2.19	62.41	ppb
Cadmium	108-1	1.17	0.99	0.87	1.01	14.92	ppb
Calcium	43-1	502.32	503.31	478.04	494.56	2.89	ppb
Calcium	44-1	483.62	490.71	489.21	487.85	0.77	ppb
Chromium	52-2	2.02	1.99	2.09	2.03	2.42	ppb
Cobalt	59-2	1.03	1.03	1.01	1.02	1.26	ppb
Copper	63-2	2.00	2.13	1.94	2.02	4.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	56.39	56.74	55.61	56.25	1.03	ppb
Iron	57-2	57.97	55.93	55.63	56.51	2.25	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.93	0.97	0.96	2.61	ppb
Lead	207-1	0.91	0.98	0.95	0.95	3.61	ppb
Lead	208-1	0.95	0.94	0.95	0.94	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	501.81	516.98	506.14	508.31	1.54	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.13	1.03	1.06	1.07	5.01	ppb
Molybdenum	94-1	4.50	4.98	4.58	4.68	5.47	ppb
Molybdenum	95-1	4.55	4.90	4.73	4.73	3.61	ppb
Molybdenum	96-1	4.57	4.69	4.85	4.71	2.94	ppb
Molybdenum	97-1	4.57	4.91	4.64	4.71	3.84	ppb
Molybdenum	98-1	4.80	4.81	4.80	4.81	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.07	1.06	1.12	8.37	ppb
Phosphorus	31-2	25.05	24.34	32.66	27.35	16.87	ppb
Potassium	39-2	509.51	499.89	489.59	499.66	1.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	7.73	4.77	5.88	6.13	24.46	ppb
Selenium	78-2	5.63	5.83	6.22	5.89	5.09	ppb
Selenium	82-1	4.88	4.97	4.77	4.87	2.06	ppb
Silicon	28-1	6.73	7.28	7.18	7.06	4.15	ppb
Silver	109-1	1.14	1.08	1.08	1.10	3.02	ppb
Silver	107-1	1.10	1.13	1.11	1.11	1.14	ppb
Sodium	23-2	503.81	507.64	502.72	504.73	0.51	ppb
Strontium	86-1	1.00	0.85	0.89	0.92	8.46	ppb
Strontium	88-1	0.96	0.96	0.94	0.96	1.25	ppb
Sulfur	34-1	-227.06	-293.85	-238.60	-253.17		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.90	0.97	0.93	4.08	ppb
Thallium	205-1	0.91	0.97	0.96	0.94	3.40	ppb
Thorium	232-1	0.86	0.86	0.81	0.84	3.40	ppb
Tin	118-1	5.21	5.36	5.44	5.34	2.15	ppb
Titanium	47-1	5.29	5.17	5.34	5.27	1.65	ppb
Uranium	238-1	0.89	0.84	0.83	0.85	3.90	ppb
Vanadium	51-2	5.19	5.31	5.27	5.26	1.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.40	2.18	1.95	2.18	10.23	ppb
Zirconium	90-1	0.91	0.87	0.89	0.89	2.14	ppb
Zirconium	91-1	0.95	0.87	0.95	0.93	5.28	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	802.31	819.57	809.89	810.59	1.07	ppb
Antimony	121-1	17.08	17.05	16.92	17.02	0.48	ppb
Arsenic	75-1	45.54	45.94	46.09	45.86	0.61	ppb
Barium	135-1	2434.01	2414.67	2435.74	2428.14	0.48	ppb
Barium	137-1	2491.86	2506.81	2513.16	2503.95	0.44	ppb
Beryllium	9-1	10.42	10.26	10.33	10.34	0.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	918.73	933.68	965.60	939.34	2.55	ppb
Boron	11-1	933.11	952.43	956.11	947.22	1.30	ppb
Cadmium	111-1	38.65	37.54	37.64	37.94	1.61	ppb
Cadmium	106-1	33.12	31.51	31.15	31.92	3.28	ppb
Cadmium	108-1	34.13	33.90	35.08	34.37	1.81	ppb
Calcium	43-1	3.68	8.50	3.26	5.15	56.57	ppb
Calcium	44-1	5.12	7.20	6.29	6.20	16.75	ppb
Chromium	52-2	127.26	126.50	128.12	127.29	0.64	ppb
Cobalt	59-2	0.05	0.04	0.05	0.04	12.33	ppb
Copper	63-2	1417.08	1410.70	1428.69	1418.82	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	1437.92	1426.36	1448.28	1437.52	0.76	ppb
Iron	57-2	1421.66	1411.72	1445.22	1426.20	1.21	ppb
Krypton	83-1						cps
Lead	206-1	12.25	12.09	12.06	12.13	0.84	ppb
Lead	207-1	12.35	12.03	11.87	12.08	2.00	ppb
Lead	208-1	12.06	11.93	11.84	11.94	0.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.62	2.22	1.71	1.85	17.38	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	690.28	686.55	690.90	689.24	0.34	ppb
Molybdenum	94-1	59.64	59.17	59.50	59.44	0.41	ppb
Molybdenum	95-1	82.86	83.49	83.47	83.27	0.43	ppb
Molybdenum	96-1	80.03	81.15	80.02	80.40	0.80	ppb
Molybdenum	97-1	83.30	83.08	82.95	83.11	0.21	ppb
Molybdenum	98-1	81.62	83.55	83.67	82.94	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	168.73	166.21	171.05	168.66	1.44	ppb
Phosphorus	31-2	-25.83	-5.66	-16.82	-16.11		ppb
Potassium	39-2	2.36	-0.47	2.89	1.60	113.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	15.00	13.62	14.90	14.51	5.29	ppb
Selenium	78-2	17.56	18.48	18.12	18.05	2.56	ppb
Selenium	82-1	15.62	16.52	15.58	15.90	3.35	ppb
Silicon	28-1	29.42	29.41	29.70	29.51	0.54	ppb
Silver	109-1	204.24	204.78	204.49	204.50	0.13	ppb
Silver	107-1	204.79	205.42	203.80	204.67	0.40	ppb
Sodium	23-2	23.56	21.64	20.81	22.00	6.41	ppb
Strontium	86-1	0.04	0.03	0.01	0.03	64.91	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	14.86	ppb
Sulfur	34-1	-440.35	-532.65	-634.69	-535.89		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	5.43	5.43	5.45	5.44	0.28	ppb
Thallium	205-1	5.45	5.44	5.28	5.39	1.82	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	163.14	ppb
Tin	118-1	0.00	0.02	0.02	0.01	116.90	ppb
Titanium	47-1	0.06	0.10	0.08	0.08	25.28	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	223.93	ppb
Vanadium	51-2	382.91	382.14	387.32	384.12	0.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1633.00	1615.25	1646.05	1631.43	0.95	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	14.19	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	21.26	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	824.74	811.20	798.73	811.56	1.60	ppb
Antimony	121-1	17.50	17.26	17.23	17.33	0.84	ppb
Arsenic	75-1	48.78	45.96	47.34	47.36	2.98	ppb
Barium	135-1	2465.36	2445.67	2451.23	2454.08	0.41	ppb
Barium	137-1	2558.24	2531.30	2525.03	2538.19	0.70	ppb
Beryllium	9-1	10.48	10.68	10.69	10.61	1.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	952.57	995.64	1004.57	984.26	2.82	ppb
Boron	11-1	964.18	998.10	1010.95	991.07	2.44	ppb
Cadmium	111-1	38.84	39.04	38.40	38.76	0.84	ppb
Cadmium	106-1	31.66	32.54	36.97	33.72	8.44	ppb
Cadmium	108-1	34.54	34.51	34.61	34.55	0.16	ppb
Calcium	43-1	-0.66	1.80	4.10	1.75	136.11	ppb
Calcium	44-1	2.19	2.45	1.96	2.20	11.29	ppb
Chromium	52-2	131.88	129.69	128.63	130.07	1.28	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	17.88	ppb
Copper	63-2	1456.57	1443.50	1432.82	1444.30	0.82	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				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	1471.95	1458.59	1456.76	1462.43	0.57	ppb
Iron	57-2	1451.62	1446.33	1440.39	1446.11	0.39	ppb
Krypton	83-1						cps
Lead	206-1	12.77	12.26	12.54	12.52	2.05	ppb
Lead	207-1	12.70	12.35	12.34	12.46	1.62	ppb
Lead	208-1	12.38	11.99	12.09	12.15	1.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.55	1.09	0.10	0.58	85.13	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	708.26	705.44	695.08	702.93	0.99	ppb
Molybdenum	94-1	60.60	60.08	60.29	60.32	0.44	ppb
Molybdenum	95-1	84.92	84.36	84.40	84.56	0.37	ppb
Molybdenum	96-1	82.24	81.33	81.54	81.70	0.59	ppb
Molybdenum	97-1	85.65	85.29	85.35	85.43	0.22	ppb
Molybdenum	98-1	85.74	84.24	84.97	84.98	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.53	172.95	172.28	173.25	0.67	ppb
Phosphorus	31-2	-25.76	-23.07	-25.89	-24.90		ppb
Potassium	39-2	5.07	2.67	-1.04	2.23	138.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	18.55	15.23	24.39	19.39	23.92	ppb
Selenium	78-2	16.72	17.29	17.30	17.10	1.93	ppb
Selenium	82-1	15.69	15.77	16.22	15.89	1.78	ppb
Silicon	28-1	30.00	30.04	30.29	30.11	0.53	ppb
Silver	109-1	209.05	208.23	207.01	208.10	0.49	ppb
Silver	107-1	209.90	210.79	208.82	209.84	0.47	ppb
Sodium	23-2	21.42	19.52	21.36	20.77	5.21	ppb
Strontium	86-1	0.01	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.22	ppb
Sulfur	34-1	-829.93	-894.94	-874.86	-866.58		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	5.66	5.55	5.36	5.52	2.77	ppb
Thallium	205-1	5.52	5.51	5.42	5.49	1.01	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	61.96	ppb
Tin	118-1	0.02	0.03	0.00	0.01	85.86	ppb
Titanium	47-1	0.06	0.07	0.13	0.09	44.91	ppb
Uranium	238-1	0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	398.16	392.08	390.92	393.72	0.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1663.94	1658.65	1662.66	1661.75	0.17	ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	29.63	ppb
Zirconium	91-1	0.10	0.09	0.05	0.08	30.18	ppb

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : PB122050BL Instrumnet Name : P7
 Client Sample ID : PB122050BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:41:06 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	0.52	0.84	0.63	29.35	ppb
Antimony	121-1	0.04	0.03	0.02	0.03	31.70	ppb
Arsenic	75-1	0.01	-0.10	-0.08	-0.06		ppb
Barium	135-1	0.35	0.25	0.25	0.29	20.99	ppb
Barium	137-1	0.26	0.26	0.23	0.25	6.11	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	33.31	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	66.61	61.35	56.67	61.54	8.08	ppb
Boron	11-1	65.94	63.42	58.83	62.73	5.75	ppb
Cadmium	111-1	0.15	0.21	0.02	0.13	77.23	ppb
Cadmium	106-1	1.91	2.64	0.18	1.58	80.02	ppb
Cadmium	108-1	0.01	0.07	0.04	0.04	81.63	ppb
Calcium	43-1	-0.78	0.99	1.34	0.52	219.31	ppb
Calcium	44-1	-0.28	0.27	0.88	0.29	199.21	ppb
Chromium	52-2	-0.04	0.00	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.13	0.12	0.12	0.12	6.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.42	0.41	0.44	0.42	4.11	ppb
Iron	57-2	0.87	0.35	1.19	0.80	52.90	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.02	0.01	0.00	0.01	74.83	ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				100		%
Magnesium	24-2	0.45	0.02	-0.05	0.14	192.36	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:41:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.08	0.04	0.07	38.54	ppb
Molybdenum	94-1	0.01	0.00	0.02	0.01	54.08	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	28.28	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.03	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	25.05	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	0.03	0.02	117.91	ppb
Phosphorus	31-2	-23.05	-28.93	-25.96	-25.98		ppb
Potassium	39-2	-0.17	0.62	-0.29	0.05	937.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	-0.38	0.40	0.38	196.96	ppb
Selenium	82-1	-1.17	-0.42	-0.37	-0.65		ppb
Silicon	28-1	-1.38	-1.10	-1.59	-1.36		ppb
Silver	109-1	0.03	0.02	0.02	0.02	20.62	ppb
Silver	107-1	0.03	0.03	0.01	0.02	39.39	ppb
Sodium	23-2	6.55	5.62	6.30	6.16	7.81	ppb
Strontium	86-1	0.01	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-896.91	-719.57	-771.18	-795.89		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.02	0.01	68.52	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.70	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	173.83	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	495.16	ppb
Titanium	47-1	0.02	0.06	0.04	0.04	52.56	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	36.52	ppb
Vanadium	51-2	0.04	0.02	0.03	0.03	28.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:41:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.11	0.13	0.13	10.60	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	64.05	ppb
Zirconium	91-1	0.04	0.02	0.01	0.02	69.91	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:44:42	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9387.14	9192.16	10212.74	9597.35	5.65	ppb
Antimony	121-1	495.32	487.65	487.90	490.29	0.89	ppb
Arsenic	75-1	500.03	503.20	497.18	500.14	0.60	ppb
Barium	135-1	2457.19	2410.67	2432.09	2433.32	0.96	ppb
Barium	137-1	2516.17	2476.24	2500.86	2497.75	0.81	ppb
Beryllium	9-1	497.69	497.22	499.82	498.24	0.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	498.20	508.36	507.63	504.73	1.12	ppb
Boron	11-1	499.14	499.58	508.36	502.36	1.03	ppb
Cadmium	111-1	489.24	476.32	480.20	481.92	1.38	ppb
Cadmium	106-1	492.52	480.60	472.73	481.95	2.07	ppb
Cadmium	108-1	497.72	476.56	482.83	485.70	2.24	ppb
Calcium	43-1	49243.58	48847.49	48816.21	48969.09	0.49	ppb
Calcium	44-1	49547.24	49774.56	49424.82	49582.21	0.36	ppb
Chromium	52-2	471.44	463.14	509.61	481.39	5.15	ppb
Cobalt	59-2	472.00	469.40	513.36	484.92	5.09	ppb
Copper	63-2	910.01	900.70	987.58	932.77	5.11	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				105		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	24478.04	24252.96	26720.54	25150.51	5.42	ppb
Iron	57-2	24155.49	24171.50	26308.36	24878.45	4.98	ppb
Krypton	83-1						cps
Lead	206-1	484.72	482.07	479.94	482.24	0.50	ppb
Lead	207-1	484.91	481.50	480.42	482.28	0.49	ppb
Lead	208-1	486.36	485.51	484.48	485.45	0.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	49077.24	48305.60	53354.26	50245.70	5.41	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:44:42	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	940.81	935.68	1030.84	969.11	5.52	ppb
Molybdenum	94-1	2474.31	2483.48	2457.68	2471.82	0.53	ppb
Molybdenum	95-1	2472.43	2483.62	2451.51	2469.18	0.66	ppb
Molybdenum	96-1	2467.97	2463.98	2454.47	2462.14	0.28	ppb
Molybdenum	97-1	2458.53	2490.86	2447.43	2465.61	0.92	ppb
Molybdenum	98-1	2446.04	2466.73	2423.42	2445.40	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.10	472.37	512.60	486.69	4.62	ppb
Phosphorus	31-2	9489.31	9349.74	10110.68	9649.91	4.20	ppb
Potassium	39-2	23457.57	23191.31	25751.27	24133.38	5.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	465.16	497.86	545.44	502.82	8.03	ppb
Selenium	78-2	481.63	486.51	520.67	496.27	4.29	ppb
Selenium	82-1	499.58	503.79	504.82	502.73	0.55	ppb
Silicon	28-1	466.44	470.78	476.38	471.20	1.06	ppb
Silver	109-1	485.28	475.31	475.97	478.85	1.16	ppb
Silver	107-1	489.42	477.12	477.22	481.25	1.47	ppb
Sodium	23-2	48643.23	48314.65	52960.67	49972.85	5.19	ppb
Strontium	86-1	487.17	489.29	483.22	486.56	0.63	ppb
Strontium	88-1	490.33	493.86	491.74	491.98	0.36	ppb
Sulfur	34-1	9736.82	9514.35	9683.43	9644.86	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	479.61	472.28	470.54	474.15	1.02	ppb
Thallium	205-1	490.46	482.94	484.48	485.96	0.82	ppb
Thorium	232-1	477.95	476.63	475.49	476.69	0.26	ppb
Tin	118-1	504.25	494.70	497.81	498.92	0.98	ppb
Titanium	47-1	2475.12	2456.37	2449.18	2460.22	0.54	ppb
Uranium	238-1	471.87	473.78	469.81	471.82	0.42	ppb
Vanadium	51-2	466.82	465.55	505.95	479.44	4.79	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:44:42	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	901.68	890.82	980.07	924.19	5.27	ppb
Zirconium	90-1	492.14	495.61	492.78	493.51	0.37	ppb
Zirconium	91-1	491.61	490.74	487.69	490.01	0.42	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51493.01	51383.94	51230.65	51369.20	0.26	ppb
Antimony	121-1	474.22	469.94	472.93	472.36	0.46	ppb
Arsenic	75-1	515.05	504.67	512.62	510.78	1.06	ppb
Barium	135-1	2422.91	2404.79	2405.80	2411.16	0.42	ppb
Barium	137-1	2491.30	2470.56	2496.08	2485.98	0.55	ppb
Beryllium	9-1	489.01	489.79	487.05	488.61	0.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	507.11	523.20	527.04	519.12	2.04	ppb
Boron	11-1	519.19	526.67	525.96	523.94	0.79	ppb
Cadmium	111-1	497.84	501.74	497.75	499.11	0.46	ppb
Cadmium	106-1	497.84	494.06	501.19	497.70	0.72	ppb
Cadmium	108-1	492.97	493.76	498.55	495.09	0.61	ppb
Calcium	43-1	241612.87	248696.17	247100.94	245803.32	1.51	ppb
Calcium	44-1	247401.90	247736.36	246152.29	247096.85	0.34	ppb
Chromium	52-2	505.36	500.11	500.40	501.95	0.59	ppb
Cobalt	59-2	492.37	489.40	491.92	491.23	0.33	ppb
Copper	63-2	1021.00	1014.75	1024.27	1020.01	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	125915.68	124768.07	125066.64	125250.13	0.48	ppb
Iron	57-2	124037.10	122931.30	124093.51	123687.30	0.53	ppb
Krypton	83-1						cps
Lead	206-1	511.38	508.31	512.42	510.70	0.42	ppb
Lead	207-1	506.45	505.76	507.32	506.51	0.15	ppb
Lead	208-1	499.35	498.91	499.83	499.36	0.09	ppb
Lithium	6-1				90		%
Magnesium	24-2	253784.21	251227.26	251119.57	252043.68	0.60	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.12	990.42	986.52	989.35	0.25	ppb
Molybdenum	94-1	2507.98	2486.54	2510.17	2501.56	0.52	ppb
Molybdenum	95-1	2519.41	2476.57	2501.15	2499.04	0.86	ppb
Molybdenum	96-1	2516.01	2497.30	2486.50	2499.94	0.60	ppb
Molybdenum	97-1	2516.09	2413.72	2391.10	2440.30	2.73	ppb
Molybdenum	98-1	2489.19	2487.48	2475.23	2483.97	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.64	480.03	484.21	482.96	0.53	ppb
Phosphorus	31-2	9762.93	9898.14	9764.00	9808.36	0.79	ppb
Potassium	39-2	127932.75	125805.12	126539.97	126759.28	0.85	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	483.74	454.98	518.68	485.80	6.57	ppb
Selenium	78-2	485.75	495.16	478.60	486.51	1.71	ppb
Selenium	82-1	484.91	479.02	477.55	480.49	0.81	ppb
Silicon	28-1	500.60	509.03	509.85	506.49	1.01	ppb
Silver	109-1	489.17	486.23	488.49	487.96	0.32	ppb
Silver	107-1	489.04	486.81	490.79	488.88	0.41	ppb
Sodium	23-2	253453.94	250338.90	250087.83	251293.56	0.75	ppb
Strontium	86-1	494.87	493.48	492.83	493.73	0.21	ppb
Strontium	88-1	499.10	496.31	496.50	497.30	0.31	ppb
Sulfur	34-1	9693.07	9709.69	9824.33	9742.36	0.73	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	505.91	502.40	503.32	503.88	0.36	ppb
Thallium	205-1	510.68	515.91	517.08	514.56	0.66	ppb
Thorium	232-1	522.41	522.08	526.19	523.56	0.44	ppb
Tin	118-1	491.52	485.01	494.28	490.27	0.97	ppb
Titanium	47-1	2481.62	2502.17	2504.85	2496.21	0.51	ppb
Uranium	238-1	519.52	522.20	527.24	522.99	0.75	ppb
Vanadium	51-2	504.27	497.52	498.97	500.25	0.71	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1034.34	1018.17	1032.98	1028.50	0.87	ppb
Zirconium	90-1	503.19	499.76	501.03	501.33	0.35	ppb
Zirconium	91-1	502.92	495.62	497.65	498.73	0.76	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:55:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	0.91	1.25	1.14	17.49	ppb
Antimony	121-1	0.22	0.21	0.24	0.22	5.58	ppb
Arsenic	75-1	-0.08	0.05	-0.06	-0.03		ppb
Barium	135-1	0.11	0.09	0.06	0.09	26.98	ppb
Barium	137-1	0.08	0.08	0.07	0.08	11.04	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	18.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	24.67	20.68	21.47	22.27	9.47	ppb
Boron	11-1	23.12	21.84	21.30	22.09	4.24	ppb
Cadmium	111-1	-0.10	-0.01	-0.03	-0.05		ppb
Cadmium	106-1	-1.50	-0.54	-0.72	-0.92		ppb
Cadmium	108-1	0.13	0.10	0.01	0.08	80.31	ppb
Calcium	43-1	5.05	3.00	7.05	5.03	40.14	ppb
Calcium	44-1	3.46	6.82	5.17	5.15	32.58	ppb
Chromium	52-2	0.01	0.02	0.00	0.01	98.82	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	123.27	ppb
Copper	63-2	0.03	0.06	0.05	0.05	36.11	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				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	3.20	3.21	3.01	3.14	3.60	ppb
Iron	57-2	2.21	3.01	3.53	2.91	22.81	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	371.47	ppb
Lead	207-1	0.00	0.02	0.01	0.01	122.25	ppb
Lead	208-1	0.01	0.00	0.00	0.00	168.10	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.74	6.80	4.76	6.10	19.03	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:55:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.02	0.05	0.04	46.60	ppb
Molybdenum	94-1	0.22	0.15	0.11	0.16	33.59	ppb
Molybdenum	95-1	0.17	0.18	0.15	0.17	10.23	ppb
Molybdenum	96-1	0.19	0.14	0.20	0.18	16.30	ppb
Molybdenum	97-1	0.17	0.18	0.18	0.18	3.92	ppb
Molybdenum	98-1	0.22	0.18	0.19	0.19	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.02	0.01	153.67	ppb
Phosphorus	31-2	-15.87	-25.41	-16.11	-19.13		ppb
Potassium	39-2	9.12	7.81	5.28	7.40	26.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.61	0.00	0.20	173.21	ppb
Selenium	78-2	1.05	0.39	-0.12	0.44	132.51	ppb
Selenium	82-1	-0.68	-0.41	-0.37	-0.49		ppb
Silicon	28-1	-1.38	-1.08	-1.26	-1.24		ppb
Silver	109-1	0.02	0.02	0.03	0.02	10.24	ppb
Silver	107-1	0.01	0.02	0.02	0.02	33.19	ppb
Sodium	23-2	24.98	26.36	25.54	25.63	2.70	ppb
Strontium	86-1	-0.04	0.00	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.68	ppb
Sulfur	34-1	-631.66	-566.03	-541.96	-579.88		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.06	0.06	8.12	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.18	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	2.60	ppb
Tin	118-1	0.15	0.13	0.09	0.13	25.52	ppb
Titanium	47-1	0.14	0.15	0.05	0.11	45.56	ppb
Uranium	238-1	0.00	0.02	0.02	0.01	55.81	ppb
Vanadium	51-2	0.01	0.03	0.03	0.02	62.03	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:55:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.08	0.15	0.08	80.79	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	13.87	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	10.48	ppb

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:20:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	192	167	342	233	40.56	cps
Arsenic	75-1	-210	-24	-85	-106	-89.45	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	8	25	25	19	49.50	cps
Beryllium	9-1	47	53	53	51	7.52	cps
Bismuth	209-1	5508890	5535680	5492151	5512240	0.40	cps
Bismuth	209-2	3700460	3733305	3773016	3735594	0.97	cps
Boron	10-1	892	808	692	797	12.60	cps
Boron	11-1	3859	3976	3784	3873	2.49	cps
Cadmium	111-1	4043	3749	3594	3795	6.01	cps
Cadmium	106-1	5768	5326	5126	5407	6.07	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	100	125	92	106	16.44	cps
Calcium	44-1	6036	6228	5944	6069	2.38	cps
Chromium	52-2	283	203	327	271	23.08	cps
Cobalt	59-2	47	30	20	32	41.81	cps
Copper	63-2	343	377	353	358	4.78	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	50	42	42	19.99	cps
Erbium	164-2	20	33	47	33	40.01	cps
Gadolinium	160-1	25	33	75	44	60.28	cps
Gadolinium	160-2	190	173	223	196	13.02	cps
Holmium	165-1	8783804	8890162	8878594	8850854	0.66	cps
Holmium	165-2	4873420	4918750	4958222	4916797	0.86	cps
Indium	115-1	6909859	7023330	7024730	6985973	0.94	cps
Indium	115-2	1423534	1432971	1448638	1435048	0.88	cps
Iron	56-2	2072	1867	2056	1998	5.71	cps
Iron	57-2	100	72	122	98	25.53	cps
Krypton	83-1	170	137	123	143	16.77	cps
Lead	206-1	856	711	689	752	12.04	cps
Lead	207-1	694	622	600	639	7.73	cps
Lead	208-1	2772	2528	2472	2591	6.16	cps
Lithium	6-1	2520338	2539242	2547180	2535587	0.54	cps
Magnesium	24-2	75	67	100	81	21.54	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:20:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	17	10	20	60.08	cps
Molybdenum	94-1	317	258	250	275	13.21	cps
Molybdenum	95-1	83	67	150	100	44.10	cps
Molybdenum	96-1	150	208	117	158	29.30	cps
Molybdenum	97-1	83	58	33	58	42.86	cps
Molybdenum	98-1	192	133	150	158	18.98	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	27	57	20	34	56.70	cps
Phosphorus	31-2	33	50	25	36	35.25	cps
Potassium	39-2	9478	8928	8803	9070	3.96	cps
Rhodium	103-1	6225283	6311956	6320493	6285911	0.84	cps
Rhodium	103-2	2963937	3002992	3031404	2999444	1.13	cps
Scandium	45-1	4040937	4146142	4160494	4115857	1.59	cps
Scandium	45-2	156190	156837	158575	157200	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	30	35	36	20.54	cps
Selenium	82-1	92	73	129	98	28.78	cps
Silicon	28-1	96368	97349	99639	97785	1.72	cps
Silver	109-1	33	42	42	39	12.37	cps
Silver	107-1	150	117	92	119	24.50	cps
Sodium	23-2	4001	3692	3759	3817	4.25	cps
Strontium	86-1	358	383	258	333	19.84	cps
Strontium	88-1	92	108	75	92	18.18	cps
Sulfur	34-1	183626	184461	185170	184419	0.42	cps
Terbium	159-1	9101734	9210380	9185173	9165762	0.62	cps
Terbium	159-2	4768044	4801923	4836785	4802251	0.72	cps
Thallium	203-1	408	433	417	419	3.03	cps
Thallium	205-1	650	592	583	608	5.97	cps
Thorium	232-1	1622	1767	1778	1722	5.04	cps
Tin	118-1	683	542	783	669	18.14	cps
Titanium	47-1	42	33	50	42	20.00	cps
Uranium	238-1	1875	1959	1817	1884	3.78	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	19990943	20233258	20341927	20188709	0.89	cps
Yttrium	89-2	2794295	2800276	2849427	2814666	1.07	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:20:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	207	173	230	203	14.01	cps
Zirconium	90-1	633	567	617	606	5.73	cps
Zirconium	91-1	100	67	125	97	30.10	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:24:08 DataFile Name : 003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	1242	1258	1167	12.39	cps
Antimony	121-1	11906	12014	12439	12120	2.33	cps
Arsenic	75-1	1456	1205	1419	1360	9.94	cps
Barium	135-1	16360	16369	16711	16480	1.21	cps
Barium	137-1	28614	28455	28689	28586	0.42	cps
Beryllium	9-1	1653	1577	1517	1582	4.33	cps
Bismuth	209-1	5505187	5461674	5436187	5467682	0.64	cps
Bismuth	209-2	3806620	3769690	3812588	3796299	0.61	cps
Boron	10-1	5876	6135	6443	6152	4.61	cps
Boron	11-1	28403	28344	29722	28823	2.70	cps
Cadmium	111-1	5881	5578	5974	5811	3.56	cps
Cadmium	106-1	6202	5760	5976	5979	3.69	cps
Cadmium	108-1	133	154	163	150	10.01	cps
Calcium	43-1	9662	10429	10146	10079	3.85	cps
Calcium	44-1	163756	165011	167767	165511	1.24	cps
Chromium	52-2	3500	3567	3667	3578	2.34	cps
Cobalt	59-2	2884	2884	2947	2905	1.26	cps
Copper	63-2	4377	4407	4481	4422	1.20	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	30	60	47	46	32.99	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	170	177	183	177	3.78	cps
Holmium	165-1	8860197	8771381	8787715	8806431	0.54	cps
Holmium	165-2	5035680	5006795	5038181	5026885	0.35	cps
Indium	115-1	7008362	6994652	6956579	6986531	0.38	cps
Indium	115-2	1464696	1463618	1475762	1468026	0.46	cps
Iron	56-2	79576	79224	80302	79701	0.69	cps
Iron	57-2	1945	2350	2072	2122	9.77	cps
Krypton	83-1	193	187	180	187	3.57	cps
Lead	206-1	5590	5801	6057	5816	4.02	cps
Lead	207-1	5496	5218	5190	5301	3.19	cps
Lead	208-1	23075	23520	23676	23424	1.33	cps
Lithium	6-1	2557874	2539125	2542207	2546402	0.39	cps
Magnesium	24-2	59821	61016	62749	61195	2.41	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:24:08	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1150	1200	1177	1176	2.13	cps
Molybdenum	94-1	12756	13057	11897	12570	4.79	cps
Molybdenum	95-1	16218	16627	16210	16352	1.46	cps
Molybdenum	96-1	17553	18488	17662	17901	2.85	cps
Molybdenum	97-1	10112	10579	9904	10199	3.39	cps
Molybdenum	98-1	26935	26701	26801	26812	0.44	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	820	817	847	828	1.99	cps
Phosphorus	31-2	183	108	208	167	31.22	cps
Potassium	39-2	66793	68216	70702	68570	2.89	cps
Rhodium	103-1	6369989	6320443	6319420	6336618	0.46	cps
Rhodium	103-2	3081156	3052138	3097285	3076860	0.74	cps
Scandium	45-1	4152901	4115232	4118185	4128773	0.51	cps
Scandium	45-2	161176	161721	161118	161338	0.21	cps
Selenium	77-2	53	30	53	46	29.57	cps
Selenium	78-2	183	137	148	156	15.48	cps
Selenium	82-1	724	779	771	758	3.90	cps
Silicon	28-1	139143	139227	138141	138837	0.44	cps
Silver	109-1	8661	8595	8194	8483	2.98	cps
Silver	107-1	8686	8895	8961	8848	1.62	cps
Sodium	23-2	116366	115853	116029	116083	0.22	cps
Strontium	86-1	2450	2809	2375	2545	9.10	cps
Strontium	88-1	18062	17995	18588	18215	1.78	cps
Sulfur	34-1	192150	192200	192689	192346	0.15	cps
Terbium	159-1	9169294	9121109	9025570	9105324	0.80	cps
Terbium	159-2	4943709	4872191	4930270	4915390	0.77	cps
Thallium	203-1	6810	6952	6877	6880	1.03	cps
Thallium	205-1	15952	16010	15852	15938	0.50	cps
Thorium	232-1	20366	19804	19749	19973	1.71	cps
Tin	118-1	30175	30050	29406	29877	1.38	cps
Titanium	47-1	4176	4384	4718	4426	6.18	cps
Uranium	238-1	21060	22320	21343	21574	3.06	cps
Vanadium	51-2	6425	6882	7215	6841	5.80	cps
Yttrium	89-1	20075152	20108228	20008179	20063853	0.25	cps
Yttrium	89-2	2887675	2876719	2927657	2897350	0.93	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:24:08	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	960	913	847	907	6.28	cps
Zirconium	90-1	9737	10162	9570	9823	3.11	cps
Zirconium	91-1	2317	2284	1867	2156	11.63	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53580	54007	52100	53229	1.88	cps
Antimony	121-1	322753	319367	323314	321811	0.66	cps
Arsenic	75-1	70840	70667	70530	70679	0.22	cps
Barium	135-1	421481	417559	426818	421953	1.10	cps
Barium	137-1	728071	722441	732241	727584	0.68	cps
Beryllium	9-1	82144	81949	81631	81908	0.32	cps
Bismuth	209-1	5578446	5666014	5572939	5605800	0.93	cps
Bismuth	209-2	3795249	3756147	3769792	3773730	0.53	cps
Boron	10-1	12147	12472	12556	12392	1.74	cps
Boron	11-1	54499	57210	57711	56473	3.06	cps
Cadmium	111-1	98670	98354	100014	99013	0.89	cps
Cadmium	106-1	15868	15818	16552	16079	2.55	cps
Cadmium	108-1	7281	7089	7023	7131	1.88	cps
Calcium	43-1	100675	102411	99022	100703	1.68	cps
Calcium	44-1	1629415	1618985	1621538	1623313	0.33	cps
Chromium	52-2	82788	82667	82945	82800	0.17	cps
Cobalt	59-2	142409	141662	140293	141455	0.76	cps
Copper	63-2	202527	202629	202024	202393	0.16	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	33	27	24	41.66	cps
Erbium	164-1	67	8	17	31	103.26	cps
Erbium	164-2	33	20	33	29	26.64	cps
Gadolinium	160-1	83	42	33	53	50.76	cps
Gadolinium	160-2	187	163	167	172	7.33	cps
Holmium	165-1	9001675	8957921	8889482	8949693	0.63	cps
Holmium	165-2	4997740	4968981	5011020	4992581	0.43	cps
Indium	115-1	7027649	7055390	7004016	7029018	0.37	cps
Indium	115-2	1439373	1433874	1432214	1435153	0.26	cps
Iron	56-2	3596172	3556011	3566963	3573049	0.58	cps
Iron	57-2	92686	89880	91276	91281	1.54	cps
Krypton	83-1	203	190	213	202	5.79	cps
Lead	206-1	275288	276217	275648	275718	0.17	cps
Lead	207-1	238421	243469	240179	240690	1.06	cps
Lead	208-1	1096896	1108625	1099943	1101821	0.55	cps
Lithium	6-1	2562047	2566147	2549897	2559363	0.33	cps
Magnesium	24-2	603805	600085	592910	598934	0.92	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	105629	103796	103974	104466	0.97	cps
Molybdenum	94-1	685467	685101	688150	686239	0.24	cps
Molybdenum	95-1	846235	857321	849599	851052	0.67	cps
Molybdenum	96-1	942197	941308	945974	943159	0.26	cps
Molybdenum	97-1	536659	533184	536155	535333	0.35	cps
Molybdenum	98-1	1367564	1369403	1376861	1371276	0.36	cps
Neodymium	150-1	60	20	20	33	69.28	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	38076	37518	37084	37559	1.32	cps
Phosphorus	31-2	3242	2792	2775	2937	9.02	cps
Potassium	39-2	303010	303959	298874	301948	0.90	cps
Rhodium	103-1	6330395	6326644	6337845	6331628	0.09	cps
Rhodium	103-2	2979130	2955628	2970166	2968308	0.40	cps
Scandium	45-1	4143781	4155717	4157698	4152399	0.18	cps
Scandium	45-2	154912	154159	153808	154293	0.37	cps
Selenium	77-2	317	327	213	286	21.97	cps
Selenium	78-2	1028	1006	1065	1033	2.90	cps
Selenium	82-1	7080	7239	7126	7148	1.15	cps
Silicon	28-1	316668	315437	320612	317572	0.85	cps
Silver	109-1	419419	421232	419525	420058	0.24	cps
Silver	107-1	442790	438614	437336	439580	0.65	cps
Sodium	23-2	1127280	1133549	1114562	1125131	0.86	cps
Strontium	86-1	106116	106594	106308	106339	0.23	cps
Strontium	88-1	944807	942769	941678	943085	0.17	cps
Sulfur	34-1	225370	218925	223340	222545	1.48	cps
Terbium	159-1	9290938	9253704	9353761	9299468	0.54	cps
Terbium	159-2	4892576	4837088	4886892	4872185	0.63	cps
Thallium	203-1	338708	336196	338861	337922	0.44	cps
Thallium	205-1	797248	813943	811246	807479	1.11	cps
Thorium	232-1	1098941	1100991	1096844	1098925	0.19	cps
Tin	118-1	285185	285583	284630	285132	0.17	cps
Titanium	47-1	221912	220719	220594	221075	0.33	cps
Uranium	238-1	1059637	1054953	1060310	1058300	0.28	cps
Vanadium	51-2	65756	66107	66312	66058	0.43	cps
Yttrium	89-1	20285610	20392541	20174436	20284196	0.54	cps
Yttrium	89-2	2832480	2798988	2792559	2808009	0.76	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:28:33	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33368	32199	33027	32865	1.83	cps
Zirconium	90-1	553260	552989	545192	550480	0.83	cps
Zirconium	91-1	123664	124513	123169	123782	0.55	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:32:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124558	118878	120047	121161	2.48	cps
Antimony	121-1	774313	783662	773770	777248	0.72	cps
Arsenic	75-1	164794	162183	163043	163340	0.81	cps
Barium	135-1	1000829	1013093	1014062	1009328	0.73	cps
Barium	137-1	1741925	1746296	1739065	1742429	0.21	cps
Beryllium	9-1	190345	189340	190693	190126	0.37	cps
Bismuth	209-1	5548897	5561295	5668326	5592839	1.17	cps
Bismuth	209-2	3704933	3670560	3706763	3694085	0.55	cps
Boron	10-1	29263	28628	28870	28920	1.11	cps
Boron	11-1	124946	124904	131291	127047	2.89	cps
Cadmium	111-1	229833	230306	232768	230969	0.68	cps
Cadmium	106-1	29515	29999	30968	30161	2.45	cps
Cadmium	108-1	16693	16664	17186	16848	1.74	cps
Calcium	43-1	235302	236631	237822	236585	0.53	cps
Calcium	44-1	3812222	3804260	3787810	3801431	0.33	cps
Chromium	52-2	188184	186834	188621	187880	0.50	cps
Cobalt	59-2	319129	320672	316610	318804	0.64	cps
Copper	63-2	456715	460821	453995	457177	0.75	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	27	30	30	29	6.65	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	40	77	20	46	63.09	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	163	153	150	156	4.46	cps
Holmium	165-1	8940250	8946062	9055714	8980675	0.72	cps
Holmium	165-2	4943059	4859256	4900558	4900957	0.85	cps
Indium	115-1	6817729	6798928	6863843	6826834	0.49	cps
Indium	115-2	1360718	1347970	1355682	1354790	0.47	cps
Iron	56-2	8184060	8104907	8048786	8112584	0.84	cps
Iron	57-2	207270	207440	206246	206985	0.31	cps
Krypton	83-1	197	147	190	178	15.27	cps
Lead	206-1	674751	686277	693317	684782	1.37	cps
Lead	207-1	589278	593389	597512	593393	0.69	cps
Lead	208-1	2694395	2726367	2757519	2726094	1.16	cps
Lithium	6-1	2447339	2451196	2456951	2451829	0.20	cps
Magnesium	24-2	1386954	1371921	1375795	1378223	0.57	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:32:30 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240906	238863	238582	239451	0.53	cps
Molybdenum	94-1	1622922	1622844	1618728	1621498	0.15	cps
Molybdenum	95-1	2018929	2014293	2019168	2017463	0.14	cps
Molybdenum	96-1	2239739	2238597	2234064	2237466	0.13	cps
Molybdenum	97-1	1266441	1262549	1263211	1264067	0.16	cps
Molybdenum	98-1	3243851	3251172	3264364	3253129	0.32	cps
Neodymium	150-1	100	87	60	82	24.77	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	83815	83710	84140	83888	0.27	cps
Phosphorus	31-2	6810	6960	6969	6913	1.29	cps
Potassium	39-2	669069	664232	661288	664863	0.59	cps
Rhodium	103-1	6036349	6023274	6047219	6035614	0.20	cps
Rhodium	103-2	2807510	2790780	2786345	2794878	0.40	cps
Scandium	45-1	3936541	3961322	3945749	3947871	0.32	cps
Scandium	45-2	143339	142187	143305	142944	0.46	cps
Selenium	77-2	713	677	583	658	10.19	cps
Selenium	78-2	2354	2222	2297	2291	2.88	cps
Selenium	82-1	16822	16797	16801	16807	0.08	cps
Silicon	28-1	617437	617701	621704	618947	0.39	cps
Silver	109-1	990536	994588	999713	994946	0.46	cps
Silver	107-1	1032497	1046773	1043495	1040922	0.72	cps
Sodium	23-2	2606913	2561061	2570985	2579653	0.94	cps
Strontium	86-1	255121	257424	253871	255472	0.71	cps
Strontium	88-1	2223693	2214886	2214544	2217708	0.23	cps
Sulfur	34-1	256258	252216	249370	252615	1.37	cps
Terbium	159-1	9163954	9213982	9255366	9211101	0.50	cps
Terbium	159-2	4782566	4744532	4759095	4762064	0.40	cps
Thallium	203-1	833921	840736	848483	841047	0.87	cps
Thallium	205-1	2002320	2018250	2049872	2023481	1.20	cps
Thorium	232-1	2737940	2765371	2802991	2768767	1.18	cps
Tin	118-1	681176	686760	687132	685023	0.49	cps
Titanium	47-1	513733	508404	513343	511827	0.58	cps
Uranium	238-1	2630357	2649576	2661683	2647205	0.60	cps
Vanadium	51-2	149828	149151	148765	149248	0.36	cps
Yttrium	89-1	19402228	19437637	19350275	19396713	0.23	cps
Yttrium	89-2	2638928	2639857	2635392	2638059	0.09	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:32:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	76167	75648	75129	75648	0.69	cps
Zirconium	90-1	1310198	1313622	1321839	1315219	0.45	cps
Zirconium	91-1	293059	293349	293129	293179	0.05	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226864	232650	227251	228922	1.41	cps
Antimony	121-1	1511612	1505151	1493075	1503279	0.63	cps
Arsenic	75-1	312404	314705	313612	313574	0.37	cps
Barium	135-1	1970422	1969918	1962947	1967763	0.21	cps
Barium	137-1	3407337	3430691	3389328	3409119	0.61	cps
Beryllium	9-1	358081	359054	354483	357206	0.67	cps
Bismuth	209-1	5631786	5609984	5599076	5613615	0.30	cps
Bismuth	209-2	3671601	3671598	3694666	3679288	0.36	cps
Boron	10-1	52919	54717	54290	53975	1.74	cps
Boron	11-1	237060	239462	242347	239623	1.10	cps
Cadmium	111-1	438453	439905	437971	438776	0.23	cps
Cadmium	106-1	52640	52080	51695	52138	0.91	cps
Cadmium	108-1	32675	32195	31974	32281	1.11	cps
Calcium	43-1	446141	448127	437039	443769	1.33	cps
Calcium	44-1	7282525	7189369	7127008	7199634	1.09	cps
Chromium	52-2	352290	350068	347971	350110	0.62	cps
Cobalt	59-2	597681	593408	594504	595198	0.37	cps
Copper	63-2	843932	842525	843920	843459	0.10	cps
Dysprosium	156-1	58	8	33	33	75.02	cps
Dysprosium	156-2	37	63	63	54	28.27	cps
Erbium	164-1	42	92	75	69	36.66	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	190	220	233	214	10.35	cps
Holmium	165-1	8984449	8980502	8961742	8975564	0.14	cps
Holmium	165-2	4844161	4879553	4883839	4869184	0.45	cps
Indium	115-1	6581521	6604763	6557766	6581350	0.36	cps
Indium	115-2	1303940	1308962	1314004	1308969	0.38	cps
Iron	56-2	15368899	15309405	15285572	15321292	0.28	cps
Iron	57-2	390762	387921	392930	390538	0.64	cps
Krypton	83-1	153	240	173	189	24.02	cps
Lead	206-1	1373344	1384530	1383809	1380561	0.45	cps
Lead	207-1	1195234	1196379	1202995	1198203	0.35	cps
Lead	208-1	5471611	5488791	5499079	5486493	0.25	cps
Lithium	6-1	2344857	2330114	2298104	2324358	1.03	cps
Magnesium	24-2	2598355	2609873	2619033	2609087	0.40	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	449857	450001	452641	450833	0.35	cps
Molybdenum	94-1	3144021	3155239	3087750	3129003	1.16	cps
Molybdenum	95-1	3884449	3867342	3822773	3858188	0.83	cps
Molybdenum	96-1	4318455	4327872	4247223	4297850	1.03	cps
Molybdenum	97-1	2447184	2455486	2404793	2435821	1.12	cps
Molybdenum	98-1	6332779	6320246	6224090	6292372	0.95	cps
Neodymium	150-1	140	173	147	153	11.50	cps
Neodymium	150-2	10	30	20	20	50.00	cps
Nickel	60-2	156744	153709	154288	154914	1.04	cps
Phosphorus	31-2	12139	12772	12631	12514	2.66	cps
Potassium	39-2	1236720	1241788	1240799	1239769	0.22	cps
Rhodium	103-1	5799105	5734991	5713857	5749317	0.77	cps
Rhodium	103-2	2673402	2684701	2691506	2683203	0.34	cps
Scandium	45-1	3732505	3703534	3702100	3712713	0.46	cps
Scandium	45-2	136448	136468	136381	136432	0.03	cps
Selenium	77-2	1407	1243	1270	1307	6.71	cps
Selenium	78-2	4495	4360	4399	4418	1.58	cps
Selenium	82-1	32528	32377	32049	32318	0.76	cps
Silicon	28-1	1076153	1084553	1066054	1075587	0.86	cps
Silver	109-1	1899680	1885009	1887307	1890665	0.42	cps
Silver	107-1	1981972	1975479	1972435	1976629	0.25	cps
Sodium	23-2	4937815	4892359	4915339	4915171	0.46	cps
Strontium	86-1	495714	488933	483172	489273	1.28	cps
Strontium	88-1	4249868	4245888	4221873	4239210	0.36	cps
Sulfur	34-1	314095	311291	307481	310956	1.07	cps
Terbium	159-1	9225410	9159103	9072762	9152425	0.84	cps
Terbium	159-2	4696598	4712356	4740337	4716430	0.47	cps
Thallium	203-1	1687135	1702748	1694648	1694844	0.46	cps
Thallium	205-1	4043187	4031102	4007596	4027295	0.45	cps
Thorium	232-1	5691850	5710963	5668743	5690519	0.37	cps
Tin	118-1	1332115	1333063	1306414	1323864	1.14	cps
Titanium	47-1	972681	970737	960123	967847	0.70	cps
Uranium	238-1	5475637	5491426	5483483	5483515	0.14	cps
Vanadium	51-2	281037	279186	280300	280174	0.33	cps
Yttrium	89-1	18785638	18589780	18476389	18617269	0.84	cps
Yttrium	89-2	2545048	2548513	2550498	2548020	0.11	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:36:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140101	142396	142006	141501	0.87	cps
Zirconium	90-1	2523802	2535339	2487328	2515490	1.00	cps
Zirconium	91-1	574484	567497	557704	566562	1.49	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450252	453048	449507	450936	0.41	cps
Antimony	121-1	2989410	3035700	3003338	3009483	0.79	cps
Arsenic	75-1	620016	620920	620373	620436	0.07	cps
Barium	135-1	3890435	3973990	3913277	3925901	1.10	cps
Barium	137-1	6925028	6951292	6964849	6947056	0.29	cps
Beryllium	9-1	691675	697015	692818	693836	0.41	cps
Bismuth	209-1	5722167	5267854	5890077	5626699	5.72	cps
Bismuth	209-2	3639885	3675858	3641033	3652258	0.56	cps
Boron	10-1	106164	104493	105710	105455	0.82	cps
Boron	11-1	463337	471201	477811	470783	1.54	cps
Cadmium	111-1	856135	869017	861156	862103	0.75	cps
Cadmium	106-1	97753	97812	97636	97733	0.09	cps
Cadmium	108-1	63064	64433	64680	64059	1.36	cps
Calcium	43-1	871059	874867	874531	873486	0.24	cps
Calcium	44-1	14209143	14318521	14185677	14237780	0.50	cps
Chromium	52-2	695548	692648	693010	693735	0.23	cps
Cobalt	59-2	1165042	1177036	1162535	1168204	0.66	cps
Copper	63-2	1649438	1662988	1644626	1652351	0.58	cps
Dysprosium	156-1	83	100	50	78	32.73	cps
Dysprosium	156-2	73	70	87	77	11.50	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	25	83	58	56	52.68	cps
Gadolinium	160-2	150	140	177	156	12.19	cps
Holmium	165-1	9190265	8420684	9502555	9037835	6.16	cps
Holmium	165-2	4914797	4906791	4922875	4914821	0.16	cps
Indium	115-1	6582260	6019201	6775949	6459136	6.09	cps
Indium	115-2	1292070	1305975	1303037	1300361	0.56	cps
Iron	56-2	30610305	30560533	30281547	30484128	0.58	cps
Iron	57-2	771536	776858	767531	771975	0.61	cps
Krypton	83-1	200	117	137	151	28.79	cps
Lead	206-1	2776596	2780627	2781259	2779494	0.09	cps
Lead	207-1	2419300	2445446	2420878	2428541	0.60	cps
Lead	208-1	11201309	11299433	11213190	11237977	0.48	cps
Lithium	6-1	2294544	2150701	2339626	2261624	4.36	cps
Magnesium	24-2	5227511	5231577	5211727	5223605	0.20	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	887371	898001	891994	892455	0.60	cps
Molybdenum	94-1	6283689	6384800	6315388	6327959	0.82	cps
Molybdenum	95-1	7802913	7956095	7870422	7876477	0.97	cps
Molybdenum	96-1	8590079	8792907	8676804	8686596	1.17	cps
Molybdenum	97-1	4797301	4982110	4793389	4857600	2.22	cps
Molybdenum	98-1	12512107	12764038	12474799	12583648	1.25	cps
Neodymium	150-1	320	327	327	324	1.19	cps
Neodymium	150-2	27	37	27	30	19.24	cps
Nickel	60-2	303797	303601	301535	302978	0.41	cps
Phosphorus	31-2	24963	25147	25330	25147	0.73	cps
Potassium	39-2	2470152	2468773	2473083	2470669	0.09	cps
Rhodium	103-1	5644953	5239994	5824211	5569719	5.37	cps
Rhodium	103-2	2643246	2662420	2645644	2650437	0.39	cps
Scandium	45-1	3694364	3387618	3805408	3629130	5.96	cps
Scandium	45-2	136393	137191	138036	137207	0.60	cps
Selenium	77-2	2660	2670	2604	2645	1.36	cps
Selenium	78-2	8901	8871	8925	8899	0.30	cps
Selenium	82-1	63843	64617	64126	64195	0.61	cps
Silicon	28-1	2019923	2052439	2047256	2039873	0.86	cps
Silver	109-1	3676840	3707146	3680657	3688214	0.45	cps
Silver	107-1	3820281	3852659	3834431	3835790	0.42	cps
Sodium	23-2	9731964	9830201	9727022	9763062	0.60	cps
Strontium	86-1	966905	973321	979168	973131	0.63	cps
Strontium	88-1	8587188	8701840	8597089	8628706	0.74	cps
Sulfur	34-1	455405	460442	457469	457772	0.55	cps
Terbium	159-1	9421010	8634039	9670104	9241717	5.85	cps
Terbium	159-2	4738614	4816562	4756728	4770635	0.86	cps
Thallium	203-1	3389678	3442820	3416402	3416300	0.78	cps
Thallium	205-1	8268469	8379165	8363955	8337197	0.72	cps
Thorium	232-1	11848746	11931582	11785512	11855280	0.62	cps
Tin	118-1	2619324	2663651	2632023	2638333	0.87	cps
Titanium	47-1	1885020	1904600	1888998	1892873	0.55	cps
Uranium	238-1	11236734	11422340	11443608	11367561	1.00	cps
Vanadium	51-2	558903	560336	557693	558977	0.24	cps
Yttrium	89-1	18807092	17309054	19307193	18474447	5.63	cps
Yttrium	89-2	2546998	2559146	2543472	2549872	0.32	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:40:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	275312	280401	275474	277062	1.04	cps
Zirconium	90-1	5049487	5144989	5044305	5079594	1.12	cps
Zirconium	91-1	1114153	1131062	1125140	1123452	0.76	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:44:03 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	881312	876745	879039	879032	0.26	cps
Antimony	121-1	5891306	5927890	5867053	5895416	0.52	cps
Arsenic	75-1	1177954	1166562	1168317	1170945	0.52	cps
Barium	135-1	7838974	7780156	7744625	7787919	0.61	cps
Barium	137-1	13478994	13499578	13385657	13454743	0.45	cps
Beryllium	9-1	1300214	1301319	1282657	1294730	0.81	cps
Bismuth	209-1	5358511	5473102	5363295	5398302	1.20	cps
Bismuth	209-2	3513976	3504134	3477410	3498507	0.54	cps
Boron	10-1	198097	199499	202363	199987	1.09	cps
Boron	11-1	890679	899989	906770	899146	0.90	cps
Cadmium	111-1	1726102	1727650	1728261	1727338	0.06	cps
Cadmium	106-1	188868	192803	189520	190397	1.11	cps
Cadmium	108-1	128551	129055	126131	127912	1.22	cps
Calcium	43-1	1702843	1681798	1667188	1683943	1.06	cps
Calcium	44-1	27728199	27571811	27251686	27517232	0.88	cps
Chromium	52-2	1337131	1328430	1332498	1332686	0.33	cps
Cobalt	59-2	2233232	2229667	2228453	2230450	0.11	cps
Copper	63-2	3308015	3287920	3305213	3300383	0.33	cps
Dysprosium	156-1	92	183	158	144	32.81	cps
Dysprosium	156-2	177	163	167	169	4.11	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	27	27	53	36	43.29	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	153	147	127	142	9.76	cps
Holmium	165-1	8851697	9101892	8830564	8928051	1.69	cps
Holmium	165-2	4828846	4797640	4751759	4792748	0.81	cps
Indium	115-1	6228143	6347957	6312792	6296297	0.98	cps
Indium	115-2	1234292	1234516	1217431	1228746	0.80	cps
Iron	56-2	58924105	58071875	58379975	58458652	0.74	cps
Iron	57-2	1488061	1487603	1482139	1485935	0.22	cps
Krypton	83-1	160	163	143	156	6.89	cps
Lead	206-1	5323145	5344024	5259653	5308941	0.83	cps
Lead	207-1	4632608	4654077	4634046	4640244	0.26	cps
Lead	208-1	21518286	21630132	21456081	21534833	0.41	cps
Lithium	6-1	2172767	2195599	2157096	2175154	0.89	cps
Magnesium	24-2	10186878	10030369	10115909	10111052	0.78	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:44:03 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1715832	1704124	1712255	1710737	0.35	cps
Molybdenum	94-1	12266329	12266516	12071484	12201443	0.92	cps
Molybdenum	95-1	15255723	15298578	15144373	15232891	0.52	cps
Molybdenum	96-1	16837218	16986566	16746797	16856860	0.72	cps
Molybdenum	97-1	9570404	9645040	9480349	9565264	0.86	cps
Molybdenum	98-1	24516788	24644511	24321713	24494337	0.66	cps
Neodymium	150-1	493	707	560	587	18.60	cps
Neodymium	150-2	43	60	70	58	23.32	cps
Nickel	60-2	577081	571746	574658	574495	0.46	cps
Phosphorus	31-2	47769	47669	48555	47998	1.01	cps
Potassium	39-2	4776602	4702904	4718422	4732643	0.82	cps
Rhodium	103-1	5363676	5448211	5337452	5383113	1.08	cps
Rhodium	103-2	2532501	2508595	2498952	2513350	0.69	cps
Scandium	45-1	3523719	3578741	3528929	3543796	0.86	cps
Scandium	45-2	132741	131214	131410	131789	0.63	cps
Selenium	77-2	4754	4764	5001	4840	2.89	cps
Selenium	78-2	16265	16176	16639	16360	1.50	cps
Selenium	82-1	117181	119367	117724	118091	0.96	cps
Silicon	28-1	3854211	3871930	3831369	3852503	0.53	cps
Silver	109-1	7474863	7492017	7426320	7464400	0.46	cps
Silver	107-1	7753845	7763350	7698440	7738545	0.45	cps
Sodium	23-2	19205453	18818581	18934688	18986241	1.05	cps
Strontium	86-1	1887219	1879164	1869591	1878658	0.47	cps
Strontium	88-1	16721838	16697708	16564021	16661189	0.51	cps
Sulfur	34-1	764415	762510	755538	760821	0.61	cps
Terbium	159-1	9138964	9209694	9108728	9152462	0.57	cps
Terbium	159-2	4649671	4611890	4620904	4627488	0.43	cps
Thallium	203-1	6682673	6713920	6668640	6688411	0.35	cps
Thallium	205-1	16155122	16263733	16104690	16174515	0.50	cps
Thorium	232-1	23330620	23273707	23093656	23232661	0.53	cps
Tin	118-1	5053409	5087341	5050618	5063789	0.40	cps
Titanium	47-1	3644748	3662091	3622394	3643078	0.55	cps
Uranium	238-1	22462341	22375279	22343071	22393564	0.28	cps
Vanadium	51-2	1082523	1075392	1082387	1080100	0.38	cps
Yttrium	89-1	17968518	18317004	17980391	18088638	1.09	cps
Yttrium	89-2	2466510	2458432	2445702	2456882	0.43	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:44:03	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	564067	555869	559164	559700	0.74	cps
Zirconium	90-1	9839629	9964546	9807792	9870655	0.84	cps
Zirconium	91-1	2174325	2167658	2146986	2162989	0.66	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:47:49 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4619696	4620051	4580327	4606691	0.50	cps
Antimony	121-1	9262	9178	9529	9323	1.96	cps
Arsenic	75-1	1441	1504	1012	1319	20.32	cps
Barium	135-1	1734	1617	1525	1625	6.43	cps
Barium	137-1	2825	2734	2909	2823	3.10	cps
Beryllium	9-1	317	323	293	311	5.06	cps
Bismuth	209-1	4836245	4831638	4790788	4819557	0.52	cps
Bismuth	209-2	3096350	3081112	3049168	3075543	0.78	cps
Boron	10-1	12564	11021	10479	11355	9.53	cps
Boron	11-1	55745	52099	46465	51437	9.09	cps
Cadmium	111-1	4214	4279	4054	4182	2.78	cps
Cadmium	106-1	5601	5726	5376	5568	3.19	cps
Cadmium	108-1	33	42	38	38	11.12	cps
Calcium	43-1	8599573	8641185	8571064	8603941	0.41	cps
Calcium	44-1	139854249	140600474	139281849	139912191	0.47	cps
Chromium	52-2	22791	23449	23292	23177	1.48	cps
Cobalt	59-2	27142	27165	26581	26963	1.23	cps
Copper	63-2	4804	4811	4687	4768	1.46	cps
Dysprosium	156-1	58	67	67	64	7.53	cps
Dysprosium	156-2	60	40	43	48	22.43	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	27	47	60	44	37.74	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	187	183	170	180	4.90	cps
Holmium	165-1	8746863	8661697	8621042	8676534	0.74	cps
Holmium	165-2	4633446	4649820	4576911	4620059	0.83	cps
Indium	115-1	6095912	6041462	6039094	6058823	0.53	cps
Indium	115-2	1221675	1219694	1201647	1214338	0.91	cps
Iron	56-2	295158173	297134862	293556262	295283099	0.61	cps
Iron	57-2	7441205	7485734	7427442	7451461	0.41	cps
Krypton	83-1	167	153	177	166	7.07	cps
Lead	206-1	5390	4923	5157	5157	4.53	cps
Lead	207-1	4323	4201	4384	4303	2.17	cps
Lead	208-1	20006	18377	19567	19317	4.36	cps
Lithium	6-1	2202115	2208354	2195665	2202045	0.29	cps
Magnesium	24-2	51279507	51351906	50698028	51109814	0.70	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:47:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6325	6565	6268	6386	2.47	cps
Molybdenum	94-1	7235	7369	6994	7199	2.64	cps
Molybdenum	95-1	10521	10805	10096	10474	3.41	cps
Molybdenum	96-1	17970	16844	15634	16816	6.95	cps
Molybdenum	97-1	6877	6510	6177	6521	5.37	cps
Molybdenum	98-1	17278	16276	15409	16321	5.73	cps
Neodymium	150-1	160	140	107	136	19.88	cps
Neodymium	150-2	53	53	47	51	7.52	cps
Nickel	60-2	11161	11278	10787	11075	2.31	cps
Phosphorus	31-2	50	67	42	53	24.12	cps
Potassium	39-2	24797977	24964543	24504082	24755534	0.94	cps
Rhodium	103-1	4885817	4839395	4825667	4850293	0.65	cps
Rhodium	103-2	2355645	2356628	2317675	2343316	0.95	cps
Scandium	45-1	3555570	3567237	3588480	3570429	0.47	cps
Scandium	45-2	138684	137854	135325	137288	1.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	24	30	37	30	21.51	cps
Selenium	82-1	106	145	142	131	16.55	cps
Silicon	28-1	266783	272439	272863	270695	1.25	cps
Silver	109-1	1300	933	1033	1089	17.41	cps
Silver	107-1	1600	1283	1217	1367	14.99	cps
Sodium	23-2	96585313	97294958	95432121	96437464	0.97	cps
Strontium	86-1	7936	7953	7594	7827	2.59	cps
Strontium	88-1	70022	69276	69343	69547	0.59	cps
Sulfur	34-1	145832	148467	147154	147151	0.90	cps
Terbium	159-1	8900500	8843182	8847802	8863828	0.36	cps
Terbium	159-2	4501036	4487708	4456139	4481628	0.51	cps
Thallium	203-1	2309	1959	1659	1975	16.47	cps
Thallium	205-1	5043	4393	4084	4507	10.86	cps
Thorium	232-1	9982	8937	7875	8931	11.80	cps
Tin	118-1	3792	3551	3817	3720	3.96	cps
Titanium	47-1	1442	1383	1533	1453	5.20	cps
Uranium	238-1	5677	5285	4818	5260	8.17	cps
Vanadium	51-2	207	197	207	203	2.84	cps
Yttrium	89-1	17927277	17894767	17848001	17890015	0.22	cps
Yttrium	89-2	2500220	2505789	2447911	2484640	1.29	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:47:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5614	5468	5118	5400	4.73	cps
Zirconium	90-1	4317	3817	3251	3795	14.07	cps
Zirconium	91-1	908	717	692	772	15.35	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 13:59:02 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21475	22301	22676	22151	2.78	cps
Antimony	121-1	1162106	1169175	1156736	1162672	0.54	cps
Arsenic	75-1	252940	255791	253562	254098	0.59	cps
Barium	135-1	154939	154418	153954	154437	0.32	cps
Barium	137-1	269843	271783	269723	270450	0.43	cps
Beryllium	9-1	138080	138016	137872	137989	0.08	cps
Bismuth	209-1	5585461	5587835	5662209	5611835	0.78	cps
Bismuth	209-2	3699515	3700258	3691009	3696927	0.14	cps
Boron	10-1	104745	105300	109544	106529	2.46	cps
Boron	11-1	462391	475235	485847	474491	2.48	cps
Cadmium	111-1	174632	174392	173822	174282	0.24	cps
Cadmium	106-1	20232	20107	20073	20137	0.41	cps
Cadmium	108-1	13344	13252	12810	13135	2.17	cps
Calcium	43-1	36129	35728	35869	35909	0.57	cps
Calcium	44-1	590441	588409	589765	589538	0.18	cps
Chromium	52-2	141370	140899	140707	140992	0.24	cps
Cobalt	59-2	244639	242691	243481	243604	0.40	cps
Copper	63-2	177717	175430	173450	175532	1.22	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	63	53	57	58	8.81	cps
Gadolinium	160-1	33	50	58	47	26.97	cps
Gadolinium	160-2	160	177	157	164	6.52	cps
Holmium	165-1	8766133	8870250	8877031	8837804	0.70	cps
Holmium	165-2	4821469	4839353	4788862	4816561	0.53	cps
Indium	115-1	6724712	6742756	6708539	6725336	0.25	cps
Indium	115-2	1348586	1350801	1338376	1345921	0.49	cps
Iron	56-2	1284928	1275024	1273997	1277983	0.47	cps
Iron	57-2	32030	32631	32615	32425	1.06	cps
Krypton	83-1	170	213	227	203	14.57	cps
Lead	206-1	1073334	1066837	1078457	1072876	0.54	cps
Lead	207-1	920727	929942	918952	923207	0.64	cps
Lead	208-1	4229483	4241645	4234825	4235317	0.14	cps
Lithium	6-1	2373657	2384671	2368743	2375690	0.34	cps
Magnesium	24-2	130606	127825	129036	129156	1.08	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:59:02	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89758	89624	89195	89526	0.33	cps
Molybdenum	94-1	4132079	4160253	4140349	4144227	0.35	cps
Molybdenum	95-1	7529069	7554889	7534547	7539502	0.18	cps
Molybdenum	96-1	7985848	8046428	7935090	7989122	0.70	cps
Molybdenum	97-1	4538434	4595355	4567173	4566987	0.62	cps
Molybdenum	98-1	11973101	12085390	11978540	12012344	0.53	cps
Neodymium	150-1	0	33	20	18	94.37	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	65050	65254	64772	65026	0.37	cps
Phosphorus	31-2	50	75	25	50	50.00	cps
Potassium	39-2	211631	210641	208156	210143	0.85	cps
Rhodium	103-1	5971306	6052760	5950756	5991607	0.90	cps
Rhodium	103-2	2791240	2784044	2776759	2784014	0.26	cps
Scandium	45-1	3792415	3801629	3787625	3793890	0.19	cps
Scandium	45-2	143551	140778	140229	141519	1.26	cps
Selenium	77-2	1060	1077	960	1032	6.11	cps
Selenium	78-2	3500	3486	3578	3521	1.41	cps
Selenium	82-1	25583	25224	25303	25370	0.74	cps
Silicon	28-1	101256	103046	105370	103224	2.00	cps
Silver	109-1	690960	699480	683264	691235	1.17	cps
Silver	107-1	722366	730357	723670	725464	0.59	cps
Sodium	23-2	409528	401099	397741	402789	1.51	cps
Strontium	86-1	4234	4868	4726	4609	7.21	cps
Strontium	88-1	39698	40500	39890	40029	1.05	cps
Sulfur	34-1	157063	153348	151647	154019	1.80	cps
Terbium	159-1	9109731	9152606	9168867	9143735	0.33	cps
Terbium	159-2	4723142	4697004	4688272	4702806	0.39	cps
Thallium	203-1	1384540	1385128	1377424	1382364	0.31	cps
Thallium	205-1	3288590	3300045	3329561	3306065	0.64	cps
Thorium	232-1	4117	4318	4240	4225	2.39	cps
Tin	118-1	1033	992	1200	1075	10.26	cps
Titanium	47-1	1944422	1966921	1961547	1957630	0.60	cps
Uranium	238-1	2025	2259	2125	2136	5.48	cps
Vanadium	51-2	112941	111967	111615	112174	0.61	cps
Yttrium	89-1	19040846	18965062	18939724	18981877	0.28	cps
Yttrium	89-2	2621174	2615038	2590782	2608998	0.62	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 13:59:02	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	62620	62306	62794	62573	0.40	cps
Zirconium	90-1	3150	2859	2750	2920	7.09	cps
Zirconium	91-1	792	858	783	811	5.07	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:05:10 DataFile Name : 011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	50	44	21.66	cps
Antimony	121-1	767	875	975	872	11.95	cps
Arsenic	75-1	-320	-222	-156	-232	-35.42	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	75	25	33	44	60.28	cps
Beryllium	9-1	87	73	120	93	25.75	cps
Bismuth	209-1	5610380	5530833	5427465	5522893	1.66	cps
Bismuth	209-2	3702678	3760658	3755577	3739638	0.86	cps
Boron	10-1	4451	4342	4134	4309	3.74	cps
Boron	11-1	19714	20106	18437	19419	4.49	cps
Cadmium	111-1	3655	3850	3624	3710	3.31	cps
Cadmium	106-1	5160	5460	5160	5260	3.29	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	150	125	108	128	16.41	cps
Calcium	44-1	6319	5894	5894	6036	4.07	cps
Chromium	52-2	227	213	190	210	8.84	cps
Cobalt	59-2	53	27	47	42	32.86	cps
Copper	63-2	267	383	333	328	17.86	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	100	50	25	58	65.47	cps
Erbium	164-2	27	30	17	24	28.38	cps
Gadolinium	160-1	8	50	33	31	68.64	cps
Gadolinium	160-2	143	147	143	144	1.33	cps
Holmium	165-1	8775160	8791322	8653276	8739920	0.86	cps
Holmium	165-2	4876158	4903488	4872302	4883983	0.35	cps
Indium	115-1	6771194	6792370	6648629	6737398	1.15	cps
Indium	115-2	1375927	1404162	1393666	1391252	1.03	cps
Iron	56-2	2267	2395	2506	2389	5.00	cps
Iron	57-2	56	122	133	104	40.56	cps
Krypton	83-1	163	203	190	186	10.98	cps
Lead	206-1	956	967	939	954	1.47	cps
Lead	207-1	828	961	1056	948	12.07	cps
Lead	208-1	3339	3856	3806	3667	7.77	cps
Lithium	6-1	2402647	2393375	2357774	2384599	0.99	cps
Magnesium	24-2	83	183	133	133	37.50	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:05:10	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	37	13	27	45.08	cps
Molybdenum	94-1	542	500	683	575	16.71	cps
Molybdenum	95-1	742	875	767	795	8.92	cps
Molybdenum	96-1	875	917	758	850	9.66	cps
Molybdenum	97-1	483	542	292	439	29.80	cps
Molybdenum	98-1	1142	1058	1150	1117	4.54	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	20	53	27	33	52.91	cps
Phosphorus	31-2	58	33	75	56	37.75	cps
Potassium	39-2	8803	8778	8620	8733	1.14	cps
Rhodium	103-1	6048939	6019043	5922679	5996887	1.10	cps
Rhodium	103-2	2882507	2926763	2902076	2903782	0.76	cps
Scandium	45-1	3876455	3806264	3777572	3820097	1.33	cps
Scandium	45-2	148482	149282	148451	148738	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	33	28	33	14.24	cps
Selenium	82-1	80	2	-9	24	198.94	cps
Silicon	28-1	90339	89769	91144	90417	0.76	cps
Silver	109-1	58	117	67	81	39.16	cps
Silver	107-1	150	117	183	150	22.22	cps
Sodium	23-2	5693	6410	6026	6043	5.94	cps
Strontium	86-1	367	275	333	325	14.28	cps
Strontium	88-1	267	242	242	250	5.77	cps
Sulfur	34-1	160732	160758	162057	161182	0.47	cps
Terbium	159-1	9213277	9060922	8890160	9054786	1.79	cps
Terbium	159-2	4712863	4800047	4761494	4758134	0.92	cps
Thallium	203-1	700	625	708	678	6.77	cps
Thallium	205-1	1258	1375	1267	1300	5.01	cps
Thorium	232-1	2250	2078	1861	2063	9.45	cps
Tin	118-1	992	892	933	939	5.35	cps
Titanium	47-1	158	150	200	169	15.81	cps
Uranium	238-1	1925	1942	1984	1950	1.54	cps
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	19199188	19118210	18839534	19052311	0.99	cps
Yttrium	89-2	2670642	2729293	2715229	2705055	1.13	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:05:10	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183	243	277	234	20.17	cps
Zirconium	90-1	558	658	625	614	8.29	cps
Zirconium	91-1	100	125	92	106	16.44	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:08:47 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4147300	4160151	4093500	4133650	0.86	cps
Antimony	121-1	6710	6660	6744	6705	0.63	cps
Arsenic	75-1	1520	1522	1342	1462	7.06	cps
Barium	135-1	2292	2292	2317	2300	0.63	cps
Barium	137-1	4134	3684	3701	3840	6.65	cps
Beryllium	9-1	450	420	403	424	5.57	cps
Bismuth	209-1	5253494	5317927	5372027	5314483	1.12	cps
Bismuth	209-2	3436335	3457131	3419458	3437641	0.55	cps
Boron	10-1	2917	2775	2892	2862	2.64	cps
Boron	11-1	13623	13507	12989	13373	2.52	cps
Cadmium	111-1	3958	4040	4234	4077	3.48	cps
Cadmium	106-1	4634	4984	4968	4862	4.06	cps
Cadmium	108-1	1213	1321	1175	1236	6.13	cps
Calcium	43-1	1684926	1679484	1720525	1694978	1.32	cps
Calcium	44-1	27697491	27748667	28142600	27862919	0.87	cps
Chromium	52-2	27038	27162	26925	27042	0.44	cps
Cobalt	59-2	2867	2534	2860	2754	6.92	cps
Copper	63-2	12716	12832	12516	12688	1.26	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	23	20	13	19	26.96	cps
Erbium	164-1	67	125	83	92	32.78	cps
Erbium	164-2	43	53	67	54	21.51	cps
Gadolinium	160-1	50	92	50	64	37.66	cps
Gadolinium	160-2	173	137	153	154	11.89	cps
Holmium	165-1	8898741	8966402	9099350	8988164	1.14	cps
Holmium	165-2	4786786	4832905	4765266	4794986	0.72	cps
Indium	115-1	6282127	6384045	6462042	6376072	1.42	cps
Indium	115-2	1261596	1271102	1258993	1263897	0.50	cps
Iron	56-2	118862008	118649630	118298903	118603514	0.24	cps
Iron	57-2	2975426	2975722	2989567	2980238	0.27	cps
Krypton	83-1	157	180	150	162	9.71	cps
Lead	206-1	26388	26299	26700	26462	0.80	cps
Lead	207-1	20427	20539	21089	20685	1.71	cps
Lead	208-1	97339	97585	98296	97740	0.51	cps
Lithium	6-1	2248239	2268841	2297503	2271528	1.09	cps
Magnesium	24-2	10352056	10301140	10233915	10295704	0.58	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:08:47	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6788	6798	6562	6716	1.99	cps
Molybdenum	94-1	3075344	3096054	3126006	3099135	0.82	cps
Molybdenum	95-1	5569156	5608020	5679161	5618779	0.99	cps
Molybdenum	96-1	5940716	6011028	5993079	5981608	0.61	cps
Molybdenum	97-1	3419127	3409935	3429074	3419379	0.28	cps
Molybdenum	98-1	8854573	8958728	9092244	8968515	1.33	cps
Neodymium	150-1	33	13	47	31	53.94	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	3214	3160	3184	3186	0.84	cps
Phosphorus	31-2	240655	237851	231858	236788	1.90	cps
Potassium	39-2	9714329	9846095	9671542	9743989	0.93	cps
Rhodium	103-1	5344680	5403052	5445672	5397801	0.94	cps
Rhodium	103-2	2530390	2532041	2509098	2523843	0.51	cps
Scandium	45-1	3559700	3583182	3627783	3590222	0.96	cps
Scandium	45-2	135573	136630	133902	135368	1.02	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	37	33	35	5.27	cps
Selenium	82-1	83	43	69	65	30.69	cps
Silicon	28-1	146781	146864	151519	148388	1.83	cps
Silver	109-1	383	308	333	342	11.18	cps
Silver	107-1	508	483	400	464	12.23	cps
Sodium	23-2	19521721	19589573	19366702	19492665	0.59	cps
Strontium	86-1	63843	63432	65132	64136	1.38	cps
Strontium	88-1	564073	565783	568542	566133	0.40	cps
Sulfur	34-1	3183227	3204770	3217582	3201859	0.54	cps
Terbium	159-1	9084980	9202379	9288998	9192119	1.11	cps
Terbium	159-2	4674833	4672937	4640196	4662655	0.42	cps
Thallium	203-1	1083	1225	1433	1247	14.12	cps
Thallium	205-1	2500	2742	2609	2617	4.63	cps
Thorium	232-1	1872	2178	2195	2082	8.72	cps
Tin	118-1	1667	1558	1375	1533	9.62	cps
Titanium	47-1	1483312	1484886	1495734	1487977	0.45	cps
Uranium	238-1	2559	2225	2375	2386	7.00	cps
Vanadium	51-2	197	173	197	189	7.13	cps
Yttrium	89-1	18057380	18342869	18459174	18286474	1.13	cps
Yttrium	89-2	2509847	2521337	2493109	2508098	0.57	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:08:47	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3000	3007	3037	3015	0.65	cps
Zirconium	90-1	633	767	700	700	9.52	cps
Zirconium	91-1	192	192	158	181	10.66	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:12:24	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4201242	4141752	4142412	4161802	0.82	cps
Antimony	121-1	122978	124507	123507	123664	0.63	cps
Arsenic	75-1	24159	25870	26799	25609	5.23	cps
Barium	135-1	33066	33450	34895	33803	2.85	cps
Barium	137-1	59914	59478	59236	59542	0.58	cps
Beryllium	9-1	28200	27846	27973	28006	0.64	cps
Bismuth	209-1	5248834	5071555	5516521	5278970	4.24	cps
Bismuth	209-2	3398782	3458383	3454800	3437322	0.97	cps
Boron	10-1	13081	13331	12939	13117	1.51	cps
Boron	11-1	60765	62363	62513	61880	1.57	cps
Cadmium	111-1	36191	37206	38255	37217	2.77	cps
Cadmium	106-1	9162	9345	10254	9587	6.10	cps
Cadmium	108-1	3984	4001	3776	3920	3.20	cps
Calcium	43-1	1719651	1711373	1718259	1716428	0.26	cps
Calcium	44-1	27990654	28283995	28180817	28151822	0.53	cps
Chromium	52-2	54705	54380	54260	54448	0.42	cps
Cobalt	59-2	48340	48654	48610	48535	0.35	cps
Copper	63-2	45263	44966	45889	45373	1.04	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	50	37	33	40	22.05	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	60	60	47	56	13.85	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	140	140	150	143	4.03	cps
Holmium	165-1	8723730	8609979	9370934	8901547	4.61	cps
Holmium	165-2	4760361	4806445	4845723	4804176	0.89	cps
Indium	115-1	6214275	6104499	6640476	6319750	4.48	cps
Indium	115-2	1257371	1274732	1273798	1268634	0.77	cps
Iron	56-2	119671872	119297225	119229655	119399584	0.20	cps
Iron	57-2	2968429	2955341	2978921	2967564	0.40	cps
Krypton	83-1	187	140	183	170	15.32	cps
Lead	206-1	137710	138525	137250	137828	0.47	cps
Lead	207-1	113766	112898	114764	113809	0.82	cps
Lead	208-1	526811	524653	533544	528336	0.88	cps
Lithium	6-1	2226271	2178692	2333702	2246222	3.54	cps
Magnesium	24-2	10420742	10298056	10316183	10344994	0.64	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:12:24 DataFile Name : 013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24417	24587	23763	24256	1.79	cps
Molybdenum	94-1	3431895	3422104	3432819	3428939	0.17	cps
Molybdenum	95-1	5840510	5802319	5876157	5839662	0.63	cps
Molybdenum	96-1	6254870	6293515	6263627	6270671	0.32	cps
Molybdenum	97-1	3582500	3561919	3573467	3572629	0.29	cps
Molybdenum	98-1	9306562	9369523	9398198	9358094	0.50	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	20	7	17	14	48.02	cps
Nickel	60-2	15158	15131	14831	15040	1.21	cps
Phosphorus	31-2	240004	237655	235049	237569	1.04	cps
Potassium	39-2	9839136	9744025	9731566	9771575	0.60	cps
Rhodium	103-1	5301411	5151355	5636876	5363214	4.64	cps
Rhodium	103-2	2504550	2520661	2539680	2521630	0.70	cps
Scandium	45-1	3497975	3432009	3728669	3552884	4.38	cps
Scandium	45-2	134958	135139	135580	135226	0.24	cps
Selenium	77-2	110	117	120	116	4.41	cps
Selenium	78-2	424	339	344	369	12.91	cps
Selenium	82-1	2372	2480	2397	2416	2.35	cps
Silicon	28-1	348598	346257	352370	349075	0.88	cps
Silver	109-1	136203	135310	137623	136378	0.86	cps
Silver	107-1	145347	144935	143059	144447	0.84	cps
Sodium	23-2	19641375	19531015	19516976	19563122	0.35	cps
Strontium	86-1	192185	190879	192398	191821	0.43	cps
Strontium	88-1	1685255	1693414	1687114	1688595	0.25	cps
Sulfur	34-1	3236093	3237325	3264653	3246023	0.50	cps
Terbium	159-1	8950162	8737784	9583809	9090585	4.84	cps
Terbium	159-2	4615509	4668523	4668250	4650761	0.66	cps
Thallium	203-1	138708	137293	139365	138455	0.76	cps
Thallium	205-1	331962	332016	331975	331984	0.01	cps
Thorium	232-1	3345	3323	3678	3449	5.78	cps
Tin	118-1	292495	293847	291805	292716	0.36	cps
Titanium	47-1	1534349	1538242	1553157	1541916	0.64	cps
Uranium	238-1	1238728	1232602	1236938	1236089	0.25	cps
Vanadium	51-2	22564	21599	22130	22098	2.19	cps
Yttrium	89-1	17873501	17545891	19085178	18168190	4.46	cps
Yttrium	89-2	2499636	2508145	2506840	2504873	0.18	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:12:24	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8266	8329	8199	8265	0.79	cps
Zirconium	90-1	546799	553680	558433	552971	1.06	cps
Zirconium	91-1	122696	122487	120673	121952	0.91	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : CCV15 Instrumnet Name : P7
 Client Sample ID : CCV15 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:16:02 DataFile Name : 014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2406834	2390178	2402950	2399987	0.36	cps
Antimony	121-1	2824452	2850921	2799339	2824904	0.91	cps
Arsenic	75-1	614179	621881	622475	619511	0.75	cps
Barium	135-1	3815671	3833727	3810200	3819866	0.32	cps
Barium	137-1	6798013	6804985	6819327	6807441	0.16	cps
Beryllium	9-1	661642	667641	664131	664471	0.45	cps
Bismuth	209-1	5192523	5192867	5179829	5188406	0.14	cps
Bismuth	209-2	3320885	3341909	3367275	3343356	0.69	cps
Boron	10-1	97707	102882	101012	100533	2.61	cps
Boron	11-1	448643	458737	452973	453451	1.12	cps
Cadmium	111-1	875949	877973	875095	876339	0.17	cps
Cadmium	106-1	100086	100656	98390	99711	1.18	cps
Cadmium	108-1	64622	64534	65191	64782	0.55	cps
Calcium	43-1	4221659	4234177	4244992	4233609	0.28	cps
Calcium	44-1	69253210	69848172	69909327	69670236	0.52	cps
Chromium	52-2	704002	708310	708468	706927	0.36	cps
Cobalt	59-2	1147991	1153609	1162525	1154708	0.63	cps
Copper	63-2	1749730	1753568	1760277	1754525	0.30	cps
Dysprosium	156-1	108	108	117	111	4.33	cps
Dysprosium	156-2	113	113	127	118	6.53	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	57	27	37	40	38.18	cps
Gadolinium	160-1	75	92	83	83	10.00	cps
Gadolinium	160-2	180	187	140	169	14.95	cps
Holmium	165-1	8999159	9031866	9072341	9034456	0.41	cps
Holmium	165-2	4829694	4820726	4814939	4821787	0.15	cps
Indium	115-1	6254648	6312211	6292205	6286355	0.46	cps
Indium	115-2	1248300	1248438	1271059	1255932	1.04	cps
Iron	56-2	148662887	148234392	150138853	149012044	0.67	cps
Iron	57-2	3712090	3734227	3751405	3732574	0.53	cps
Krypton	83-1	157	187	153	166	11.09	cps
Lead	206-1	2597922	2614233	2591299	2601151	0.45	cps
Lead	207-1	2262810	2272538	2262531	2265960	0.25	cps
Lead	208-1	10306249	10362183	10291771	10320068	0.36	cps
Lithium	6-1	2248783	2258569	2257836	2255063	0.24	cps
Magnesium	24-2	25997719	25946074	26043021	25995605	0.19	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:16:02	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	891080	889536	901692	894103	0.74	cps
Molybdenum	94-1	6192788	6271554	6220747	6228363	0.64	cps
Molybdenum	95-1	7738953	7820958	7739983	7766631	0.61	cps
Molybdenum	96-1	8525271	8631855	8607000	8588042	0.65	cps
Molybdenum	97-1	4703826	4725629	4684349	4704601	0.44	cps
Molybdenum	98-1	12371148	12434279	12449799	12418409	0.34	cps
Neodymium	150-1	333	393	387	371	8.86	cps
Neodymium	150-2	43	50	40	44	11.46	cps
Nickel	60-2	291221	294643	294554	293472	0.66	cps
Phosphorus	31-2	25873	24204	24446	24841	3.63	cps
Potassium	39-2	12593132	12633569	12704687	12643796	0.45	cps
Rhodium	103-1	5279736	5343906	5308311	5310651	0.61	cps
Rhodium	103-2	2484470	2485103	2510522	2493365	0.60	cps
Scandium	45-1	3641335	3647757	3630333	3639808	0.24	cps
Scandium	45-2	138793	137837	138863	138498	0.41	cps
Selenium	77-2	2430	2520	2557	2502	2.61	cps
Selenium	78-2	8362	8284	8414	8353	0.78	cps
Selenium	82-1	58063	59053	58622	58580	0.85	cps
Silicon	28-1	1989022	2025774	2040038	2018278	1.30	cps
Silver	109-1	3675027	3700582	3694078	3689896	0.36	cps
Silver	107-1	3826143	3853522	3819826	3833164	0.47	cps
Sodium	23-2	48495540	48672802	48709069	48625804	0.23	cps
Strontium	86-1	951630	957220	954854	954568	0.29	cps
Strontium	88-1	8458895	8494052	8487835	8480261	0.22	cps
Sulfur	34-1	452485	455457	459554	455832	0.78	cps
Terbium	159-1	9179038	9280706	9154895	9204880	0.73	cps
Terbium	159-2	4649079	4648960	4706781	4668273	0.71	cps
Thallium	203-1	3194937	3199864	3205961	3200254	0.17	cps
Thallium	205-1	7818895	7890544	7897979	7869139	0.55	cps
Thorium	232-1	11601337	11643580	11570754	11605224	0.32	cps
Tin	118-1	2537383	2549381	2522434	2536399	0.53	cps
Titanium	47-1	1869352	1894987	1872987	1879109	0.74	cps
Uranium	238-1	11135982	11113580	11113630	11121064	0.12	cps
Vanadium	51-2	567958	571652	571786	570465	0.38	cps
Yttrium	89-1	18399183	18471773	18418023	18429660	0.20	cps
Yttrium	89-2	2532565	2536929	2557736	2542410	0.53	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:16:02	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	298115	299050	300584	299250	0.42	cps
Zirconium	90-1	5019911	5072116	5055959	5049329	0.53	cps
Zirconium	91-1	1100909	1118356	1104614	1107960	0.83	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:26:41 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	92	117	117	21.43	cps
Antimony	121-1	875	967	1033	958	8.29	cps
Arsenic	75-1	249	-111	-109	10	2149.82	cps
Barium	135-1	33	75	67	58	37.80	cps
Barium	137-1	83	175	100	119	40.88	cps
Beryllium	9-1	93	73	127	98	27.56	cps
Bismuth	209-1	5689648	5692175	5714090	5698638	0.24	cps
Bismuth	209-2	3781240	3744352	3678168	3734587	1.40	cps
Boron	10-1	2359	2234	2242	2278	3.07	cps
Boron	11-1	10312	9628	9478	9806	4.53	cps
Cadmium	111-1	3851	3909	3826	3862	1.10	cps
Cadmium	106-1	5435	5543	5435	5471	1.14	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	175	192	150	172	12.18	cps
Calcium	44-1	6911	6786	7028	6908	1.75	cps
Chromium	52-2	300	290	287	292	2.38	cps
Cobalt	59-2	47	50	60	52	13.28	cps
Copper	63-2	397	417	443	419	5.59	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	43	33	37	38	13.48	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	217	173	120	170	28.48	cps
Holmium	165-1	9072762	9054290	9022867	9049973	0.28	cps
Holmium	165-2	4952522	4931719	4818606	4900949	1.47	cps
Indium	115-1	7009234	7005053	7020832	7011706	0.12	cps
Indium	115-2	1425546	1406051	1376025	1402541	1.78	cps
Iron	56-2	5629	5774	6190	5864	4.97	cps
Iron	57-2	200	167	256	207	21.65	cps
Krypton	83-1	200	197	227	208	7.91	cps
Lead	206-1	1061	1067	1039	1056	1.39	cps
Lead	207-1	989	978	833	933	9.30	cps
Lead	208-1	3739	3817	3750	3769	1.12	cps
Lithium	6-1	2409213	2409841	2417153	2412069	0.18	cps
Magnesium	24-2	683	617	617	639	6.02	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:26:41	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	43	53	46	15.23	cps
Molybdenum	94-1	533	492	625	550	12.40	cps
Molybdenum	95-1	533	442	475	483	9.60	cps
Molybdenum	96-1	633	525	592	583	9.37	cps
Molybdenum	97-1	333	350	342	342	2.44	cps
Molybdenum	98-1	717	758	642	706	8.38	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	47	27	30	34	31.11	cps
Phosphorus	31-2	42	67	67	58	24.74	cps
Potassium	39-2	9328	9453	9220	9334	1.25	cps
Rhodium	103-1	6212848	6259110	6259771	6243910	0.43	cps
Rhodium	103-2	2965709	2939973	2880218	2928633	1.50	cps
Scandium	45-1	3980767	3978666	3976939	3978790	0.05	cps
Scandium	45-2	152330	150535	147926	150264	1.47	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	52	22	44	40	39.03	cps
Selenium	82-1	-1	-2	-1	-1	-36.55	cps
Silicon	28-1	88117	91136	89660	89637	1.68	cps
Silver	109-1	333	250	300	294	14.25	cps
Silver	107-1	325	317	383	342	10.63	cps
Sodium	23-2	8161	7769	7902	7944	2.51	cps
Strontium	86-1	250	250	383	294	26.14	cps
Strontium	88-1	233	242	208	228	7.62	cps
Sulfur	34-1	166924	167725	163714	166121	1.28	cps
Terbium	159-1	9289386	9313452	9322108	9308315	0.18	cps
Terbium	159-2	4864230	4814899	4705656	4794928	1.69	cps
Thallium	203-1	608	692	700	667	7.60	cps
Thallium	205-1	1283	1267	1225	1258	2.39	cps
Thorium	232-1	1989	2250	2267	2169	7.18	cps
Tin	118-1	867	1000	883	917	7.93	cps
Titanium	47-1	183	75	108	122	45.40	cps
Uranium	238-1	2017	1967	2150	2045	4.64	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	19923903	19977736	19933864	19945168	0.14	cps
Yttrium	89-2	2789888	2753480	2705484	2749617	1.54	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:26:41	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233	193	227	218	9.84	cps
Zirconium	90-1	925	900	1033	953	7.44	cps
Zirconium	91-1	208	117	142	156	30.46	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	1208	1275	1161	12.36	cps
Antimony	121-1	13065	12256	12089	12470	4.19	cps
Arsenic	75-1	1313	947	609	956	36.84	cps
Barium	135-1	16202	16477	16043	16241	1.35	cps
Barium	137-1	28213	28088	27528	27943	1.30	cps
Beryllium	9-1	1503	1527	1580	1537	2.56	cps
Bismuth	209-1	5744168	5708448	5700328	5717648	0.41	cps
Bismuth	209-2	3789976	3777978	3799442	3789132	0.28	cps
Boron	10-1	6410	7002	6894	6768	4.66	cps
Boron	11-1	30206	30181	30874	30420	1.29	cps
Cadmium	111-1	5750	6071	5595	5805	4.18	cps
Cadmium	106-1	5993	6243	5660	5965	4.91	cps
Cadmium	108-1	167	142	125	144	14.52	cps
Calcium	43-1	9979	9954	9445	9793	3.08	cps
Calcium	44-1	160631	162174	161455	161420	0.48	cps
Chromium	52-2	3400	3390	3570	3454	2.93	cps
Cobalt	59-2	2717	2737	2707	2720	0.56	cps
Copper	63-2	4151	4461	4114	4242	4.49	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	17	42	92	50	76.37	cps
Erbium	164-2	33	43	47	41	16.89	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	187	143	147	159	15.18	cps
Holmium	165-1	9102085	9149143	9041519	9097582	0.59	cps
Holmium	165-2	4972917	4989083	5008970	4990323	0.36	cps
Indium	115-1	7070917	7116600	7076427	7087981	0.35	cps
Indium	115-2	1432390	1431465	1450726	1438193	0.76	cps
Iron	56-2	76409	77788	76890	77029	0.91	cps
Iron	57-2	2028	1984	1989	2000	1.21	cps
Krypton	83-1	147	197	230	191	21.95	cps
Lead	206-1	6296	5996	6207	6166	2.50	cps
Lead	207-1	5157	5457	5323	5312	2.83	cps
Lead	208-1	24415	24065	24193	24224	0.73	cps
Lithium	6-1	2464567	2465613	2450511	2460230	0.34	cps
Magnesium	24-2	57410	59854	59068	58777	2.12	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1150	1060	1093	1101	4.13	cps
Molybdenum	94-1	12673	13882	12765	13107	5.14	cps
Molybdenum	95-1	15751	16794	16185	16243	3.23	cps
Molybdenum	96-1	17545	17870	18413	17943	2.44	cps
Molybdenum	97-1	9896	10546	9937	10126	3.60	cps
Molybdenum	98-1	26676	26542	26426	26548	0.47	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	857	760	760	792	7.05	cps
Phosphorus	31-2	167	167	192	175	8.25	cps
Potassium	39-2	65119	64826	64181	64709	0.74	cps
Rhodium	103-1	6380562	6385399	6335958	6367306	0.43	cps
Rhodium	103-2	2997281	3002790	3026385	3008819	0.51	cps
Scandium	45-1	4080737	4062631	4056529	4066632	0.31	cps
Scandium	45-2	153213	155055	156290	154853	1.00	cps
Selenium	77-2	43	27	33	34	24.35	cps
Selenium	78-2	143	146	156	148	4.51	cps
Selenium	82-1	757	764	735	752	1.97	cps
Silicon	28-1	126246	128069	127448	127254	0.73	cps
Silver	109-1	8836	8345	8261	8481	3.67	cps
Silver	107-1	8953	9095	8837	8962	1.44	cps
Sodium	23-2	112293	114477	114308	113693	1.07	cps
Strontium	86-1	2467	2134	2209	2270	7.71	cps
Strontium	88-1	18212	18045	17636	17965	1.65	cps
Sulfur	34-1	178776	175723	177325	177275	0.86	cps
Terbium	159-1	9470140	9422305	9317581	9403342	0.83	cps
Terbium	159-2	4839688	4878196	4892003	4869963	0.56	cps
Thallium	203-1	7060	6735	7261	7019	3.78	cps
Thallium	205-1	16194	17087	16961	16747	2.89	cps
Thorium	232-1	23015	22704	21552	22423	3.44	cps
Tin	118-1	28271	28889	28998	28719	1.36	cps
Titanium	47-1	4501	4376	4509	4462	1.67	cps
Uranium	238-1	23046	21636	21444	22042	3.97	cps
Vanadium	51-2	6518	6745	6748	6670	1.98	cps
Yttrium	89-1	20365093	20207680	20165881	20246218	0.52	cps
Yttrium	89-2	2810341	2806423	2843592	2820119	0.72	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:30:17	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	970	910	843	908	6.98	cps
Zirconium	90-1	10696	10196	10362	10418	2.45	cps
Zirconium	91-1	2434	2209	2409	2350	5.25	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41701	43356	41752	42269	2.23	cps
Antimony	121-1	103723	102674	102531	102976	0.63	cps
Arsenic	75-1	60094	59786	60563	60148	0.65	cps
Barium	135-1	3885439	3822495	3878705	3862213	0.89	cps
Barium	137-1	6903755	6887391	6945759	6912302	0.44	cps
Beryllium	9-1	15558	15198	15391	15382	1.17	cps
Bismuth	209-1	5658921	5622658	5686128	5655902	0.56	cps
Bismuth	209-2	3732795	3787217	3771936	3763983	0.75	cps
Boron	10-1	209961	211705	220294	213987	2.59	cps
Boron	11-1	956544	968669	978531	967915	1.14	cps
Cadmium	111-1	72000	69473	70063	70512	1.87	cps
Cadmium	106-1	11797	11397	11397	11530	2.00	cps
Cadmium	108-1	4480	4413	4593	4495	2.01	cps
Calcium	43-1	175	267	167	203	27.36	cps
Calcium	44-1	7570	8162	7928	7887	3.78	cps
Chromium	52-2	199821	202156	199531	200503	0.72	cps
Cobalt	59-2	157	133	153	148	8.54	cps
Copper	63-2	2728211	2764256	2728154	2740207	0.76	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	110	107	100	106	4.82	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	20	43	53	39	43.98	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	187	130	163	160	17.80	cps
Holmium	165-1	9000536	8985909	8974118	8986854	0.15	cps
Holmium	165-2	4942620	5022898	4977643	4981054	0.81	cps
Indium	115-1	7078967	6972786	7092300	7048018	0.93	cps
Indium	115-2	1430066	1448357	1435907	1438110	0.65	cps
Iron	56-2	1921522	1940003	1919579	1927035	0.58	cps
Iron	57-2	48006	48519	48402	48309	0.56	cps
Krypton	83-1	167	190	213	190	12.28	cps
Lead	206-1	69012	67688	68281	68327	0.97	cps
Lead	207-1	60761	58842	58735	59446	1.92	cps
Lead	208-1	274728	270024	271079	271944	0.91	cps
Lithium	6-1	2479217	2459926	2475425	2471522	0.41	cps
Magnesium	24-2	267	342	275	294	13.96	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	695219	703762	690166	696382	0.99	cps
Molybdenum	94-1	163406	159894	162373	161891	1.11	cps
Molybdenum	95-1	282733	280983	283644	282453	0.48	cps
Molybdenum	96-1	302166	302146	300861	301724	0.25	cps
Molybdenum	97-1	177930	175018	176462	176470	0.82	cps
Molybdenum	98-1	447590	451879	456946	452138	1.04	cps
Neodymium	150-1	320	293	253	289	11.61	cps
Neodymium	150-2	23	23	33	27	21.65	cps
Nickel	60-2	114593	114893	115225	114903	0.27	cps
Phosphorus	31-2	25	83	50	53	55.46	cps
Potassium	39-2	9203	9045	9187	9145	0.95	cps
Rhodium	103-1	6271821	6309581	6363429	6314944	0.73	cps
Rhodium	103-2	2960990	3000913	2972372	2978092	0.69	cps
Scandium	45-1	4034538	4003495	4029897	4022644	0.42	cps
Scandium	45-2	154903	157659	153640	155401	1.32	cps
Selenium	77-2	83	77	83	81	4.74	cps
Selenium	78-2	365	387	378	377	2.97	cps
Selenium	82-1	2190	2279	2176	2215	2.53	cps
Silicon	28-1	222437	220696	223363	222165	0.61	cps
Silver	109-1	1557404	1548540	1555485	1553810	0.30	cps
Silver	107-1	1620789	1612270	1609026	1614028	0.38	cps
Sodium	23-2	8895	8628	8228	8583	3.91	cps
Strontium	86-1	425	392	350	389	9.66	cps
Strontium	88-1	600	608	750	653	12.91	cps
Sulfur	34-1	169587	165206	162871	165888	2.06	cps
Terbium	159-1	9368555	9290631	9345671	9334952	0.43	cps
Terbium	159-2	4860106	4915487	4853772	4876455	0.70	cps
Thallium	203-1	38314	38047	38674	38345	0.82	cps
Thallium	205-1	92655	91975	90180	91603	1.40	cps
Thorium	232-1	2095	1800	1750	1882	9.89	cps
Tin	118-1	667	758	808	744	9.65	cps
Titanium	47-1	92	125	108	108	15.39	cps
Uranium	238-1	1892	1925	2184	2000	7.98	cps
Vanadium	51-2	485800	493452	487386	488879	0.83	cps
Yttrium	89-1	20212422	19934516	20129658	20092199	0.71	cps
Yttrium	89-2	2786096	2822860	2805303	2804753	0.66	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:33:53	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	531561	535137	531438	532712	0.39	cps
Zirconium	90-1	1117	1092	1242	1150	6.99	cps
Zirconium	91-1	208	250	267	242	12.43	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42520	42846	41776	42381	1.29	cps
Antimony	121-1	105898	105822	105142	105621	0.39	cps
Arsenic	75-1	64258	61497	62350	62702	2.25	cps
Barium	135-1	3921611	3940693	3930272	3930858	0.24	cps
Barium	137-1	7062692	7078848	7026667	7056069	0.38	cps
Beryllium	9-1	15802	16289	16119	16070	1.54	cps
Bismuth	209-1	5592942	5742356	5715828	5683709	1.40	cps
Bismuth	209-2	3770343	3816792	3783339	3790158	0.63	cps
Boron	10-1	219945	232538	231938	228140	3.11	cps
Boron	11-1	998615	1045682	1047005	1030434	2.67	cps
Cadmium	111-1	72087	73376	71887	72450	1.12	cps
Cadmium	106-1	11480	11797	12581	11953	4.74	cps
Cadmium	108-1	4517	4572	4563	4551	0.64	cps
Calcium	43-1	92	142	183	139	33.05	cps
Calcium	44-1	6711	6886	6578	6725	2.30	cps
Chromium	52-2	205399	206927	203236	205187	0.90	cps
Cobalt	59-2	127	157	120	134	14.53	cps
Copper	63-2	2781581	2824106	2775869	2793852	0.94	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	93	83	83	87	6.66	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	43	27	10	27	62.49	cps
Gadolinium	160-1	17	75	33	42	72.11	cps
Gadolinium	160-2	167	170	173	170	1.96	cps
Holmium	165-1	9043165	9187005	9083235	9104468	0.82	cps
Holmium	165-2	4962946	5027375	5007020	4999114	0.66	cps
Indium	115-1	7071924	7170246	7095769	7112646	0.72	cps
Indium	115-2	1426020	1458705	1445382	1443369	1.14	cps
Iron	56-2	1951060	1980694	1958913	1963556	0.78	cps
Iron	57-2	48620	49629	48943	49064	1.05	cps
Krypton	83-1	200	200	207	202	1.90	cps
Lead	206-1	71073	70073	71340	70829	0.94	cps
Lead	207-1	61727	61654	61353	61578	0.32	cps
Lead	208-1	278726	277086	278153	277988	0.30	cps
Lithium	6-1	2505183	2534441	2505501	2515042	0.67	cps
Magnesium	24-2	142	208	92	147	39.76	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	707563	721990	704452	711335	1.32	cps
Molybdenum	94-1	165750	166930	164866	165849	0.62	cps
Molybdenum	95-1	289223	291906	287417	289515	0.78	cps
Molybdenum	96-1	309936	311366	307228	309510	0.68	cps
Molybdenum	97-1	182606	184742	181955	183101	0.80	cps
Molybdenum	98-1	469327	468440	465086	467618	0.48	cps
Neodymium	150-1	280	287	280	282	1.36	cps
Neodymium	150-2	33	10	17	20	60.08	cps
Nickel	60-2	117574	119364	117741	118226	0.84	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	9428	9387	8878	9231	3.32	cps
Rhodium	103-1	6347746	6459565	6405885	6404398	0.87	cps
Rhodium	103-2	2971826	3040579	3013650	3008685	1.15	cps
Scandium	45-1	4076561	4130717	4039948	4082409	1.12	cps
Scandium	45-2	153651	157412	155877	155647	1.22	cps
Selenium	77-2	103	87	137	109	23.38	cps
Selenium	78-2	350	369	363	361	2.64	cps
Selenium	82-1	2197	2242	2266	2235	1.59	cps
Silicon	28-1	227286	230452	226499	228079	0.92	cps
Silver	109-1	1588496	1602704	1585550	1592250	0.58	cps
Silver	107-1	1655431	1683992	1660001	1666475	0.92	cps
Sodium	23-2	8361	8144	8469	8325	1.99	cps
Strontium	86-1	358	350	258	322	17.22	cps
Strontium	88-1	475	492	500	489	2.60	cps
Sulfur	34-1	158130	157995	155199	157108	1.05	cps
Terbium	159-1	9335564	9456493	9410105	9400721	0.65	cps
Terbium	159-2	4850553	4939957	4895359	4895290	0.91	cps
Thallium	203-1	39468	39702	38197	39122	2.07	cps
Thallium	205-1	92781	95115	93109	93668	1.35	cps
Thorium	232-1	1800	1856	1939	1865	3.75	cps
Tin	118-1	775	825	692	764	8.82	cps
Titanium	47-1	92	100	150	114	27.70	cps
Uranium	238-1	2075	1817	1909	1934	6.77	cps
Vanadium	51-2	501065	505492	499081	501879	0.65	cps
Yttrium	89-1	20175585	20496609	20173038	20281744	0.92	cps
Yttrium	89-2	2793365	2854374	2810037	2819258	1.12	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:37:29	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	537249	548653	544615	543506	1.06	cps
Zirconium	90-1	1150	992	917	1020	11.68	cps
Zirconium	91-1	333	325	225	294	20.48	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : PB122050BL Instrumnet Name : P7
 Client Sample ID : PB122050BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:41:06 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	58	47	20.38	cps
Antimony	121-1	500	417	383	433	13.87	cps
Arsenic	75-1	-102	-245	-223	-190	-40.73	cps
Barium	135-1	583	408	425	472	20.45	cps
Barium	137-1	750	733	675	719	5.47	cps
Beryllium	9-1	70	63	77	70	9.53	cps
Bismuth	209-1	5727263	5682300	5733401	5714321	0.49	cps
Bismuth	209-2	3722003	3766289	3756610	3748301	0.62	cps
Boron	10-1	16351	14933	13999	15094	7.85	cps
Boron	11-1	72918	69403	65326	69216	5.49	cps
Cadmium	111-1	4186	4277	3983	4149	3.63	cps
Cadmium	106-1	5952	6060	5660	5890	3.51	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	92	125	133	117	18.90	cps
Calcium	44-1	6086	6144	6411	6214	2.79	cps
Chromium	52-2	213	273	257	248	12.50	cps
Cobalt	59-2	43	37	17	32	43.06	cps
Copper	63-2	620	593	597	603	2.41	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	47	47	53	49	7.86	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	163	130	200	164	21.29	cps
Holmium	165-1	9125297	9126318	9175572	9142396	0.31	cps
Holmium	165-2	4950336	4980936	4972653	4967975	0.32	cps
Indium	115-1	7279676	7156337	7236319	7224111	0.87	cps
Indium	115-2	1448290	1446559	1444340	1446396	0.14	cps
Iron	56-2	2561	2584	2600	2582	0.76	cps
Iron	57-2	128	111	139	126	11.10	cps
Krypton	83-1	237	200	177	204	14.79	cps
Lead	206-1	750	639	650	680	9.00	cps
Lead	207-1	744	700	678	707	4.80	cps
Lead	208-1	2489	2506	2617	2537	2.74	cps
Lithium	6-1	2542239	2510158	2536369	2529589	0.68	cps
Magnesium	24-2	133	83	75	97	32.45	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:41:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	107	60	92	30.31	cps
Molybdenum	94-1	317	292	325	311	5.58	cps
Molybdenum	95-1	158	150	133	147	8.65	cps
Molybdenum	96-1	267	267	275	269	1.78	cps
Molybdenum	97-1	133	108	142	128	13.57	cps
Molybdenum	98-1	292	267	283	281	4.54	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	57	30	57	48	32.23	cps
Phosphorus	31-2	33	17	25	25	33.32	cps
Potassium	39-2	9053	9228	9036	9106	1.17	cps
Rhodium	103-1	6500015	6453619	6523584	6492406	0.55	cps
Rhodium	103-2	3013019	3046470	3013939	3024476	0.63	cps
Scandium	45-1	4188041	4107594	4153190	4149608	0.97	cps
Scandium	45-2	157217	158692	157150	157686	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	30	44	44	31.71	cps
Selenium	82-1	-60	42	49	10	589.73	cps
Silicon	28-1	93323	92763	91621	92569	0.94	cps
Silver	109-1	233	167	200	200	16.67	cps
Silver	107-1	350	375	233	319	23.67	cps
Sodium	23-2	5268	5109	5209	5196	1.54	cps
Strontium	86-1	358	300	317	325	9.25	cps
Strontium	88-1	33	100	92	75	48.44	cps
Sulfur	34-1	160119	163108	163134	162121	1.07	cps
Terbium	159-1	9467292	9419290	9532706	9473096	0.60	cps
Terbium	159-2	4837539	4888021	4879890	4868484	0.56	cps
Thallium	203-1	475	508	600	528	12.26	cps
Thallium	205-1	975	1017	925	972	4.72	cps
Thorium	232-1	1845	2061	1745	1884	8.60	cps
Tin	118-1	658	733	708	700	5.46	cps
Titanium	47-1	58	92	75	75	22.22	cps
Uranium	238-1	2025	2059	2109	2064	2.03	cps
Vanadium	51-2	57	33	43	44	26.35	cps
Yttrium	89-1	20561737	20506651	20595153	20554514	0.22	cps
Yttrium	89-2	2822845	2847858	2838039	2836247	0.44	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:41:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	250	243	247	247	1.35	cps
Zirconium	90-1	658	783	708	717	8.78	cps
Zirconium	91-1	192	150	117	153	24.60	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : PB122050BS Instrumnet Name : P7
 Client Sample ID : PB122050BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:44:42 DataFile Name : 020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461769	462212	464177	462719	0.28	cps
Antimony	121-1	3058237	3032237	3001948	3030807	0.93	cps
Arsenic	75-1	644549	633978	626444	634990	1.43	cps
Barium	135-1	3996269	3948332	3941690	3962097	0.75	cps
Barium	137-1	7102297	7039038	7034521	7058619	0.54	cps
Beryllium	9-1	726915	712392	710820	716709	1.24	cps
Bismuth	209-1	5660442	5694075	5713826	5689448	0.47	cps
Bismuth	209-2	3782257	3824409	3535170	3713945	4.21	cps
Boron	10-1	112113	112207	111217	111846	0.49	cps
Boron	11-1	504001	494839	499745	499528	0.92	cps
Cadmium	111-1	882538	865416	863306	870420	1.21	cps
Cadmium	106-1	100623	99019	96469	98704	2.12	cps
Cadmium	108-1	66405	64032	64194	64877	2.04	cps
Calcium	43-1	924276	900171	888428	904292	2.02	cps
Calcium	44-1	15129237	14922258	14633521	14895005	1.67	cps
Chromium	52-2	700109	703053	699229	700797	0.29	cps
Cobalt	59-2	1175508	1194972	1181281	1183920	0.84	cps
Copper	63-2	1658749	1678206	1663228	1666727	0.61	cps
Dysprosium	156-1	67	75	75	72	6.66	cps
Dysprosium	156-2	80	70	103	84	20.26	cps
Erbium	164-1	58	92	33	61	47.89	cps
Erbium	164-2	50	30	47	42	25.38	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	180	153	203	179	13.99	cps
Holmium	165-1	9330242	9283515	9253411	9289056	0.42	cps
Holmium	165-2	5176535	5196148	4783314	5051999	4.61	cps
Indium	115-1	6819499	6763185	6732168	6771617	0.65	cps
Indium	115-2	1374526	1402102	1267788	1348139	5.26	cps
Iron	56-2	30937548	31333278	31203501	31158109	0.65	cps
Iron	57-2	770745	788370	775596	778237	1.17	cps
Krypton	83-1	177	137	160	158	12.73	cps
Lead	206-1	2702051	2703230	2700629	2701970	0.05	cps
Lead	207-1	2361568	2358886	2361804	2360753	0.07	cps
Lead	208-1	10977889	11023696	11038454	11013346	0.29	cps
Lithium	6-1	2433653	2387314	2369661	2396876	1.38	cps
Magnesium	24-2	5366857	5399693	5390879	5385810	0.32	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:44:42	DataFile Name :	020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	897042	911944	908133	905707	0.85	cps
Molybdenum	94-1	6601607	6476380	6409671	6495886	1.50	cps
Molybdenum	95-1	8225647	8076187	7972493	8091442	1.57	cps
Molybdenum	96-1	9083292	8863731	8830325	8925783	1.54	cps
Molybdenum	97-1	5120272	5070412	4982447	5057710	1.38	cps
Molybdenum	98-1	13078961	12891601	12666376	12878979	1.60	cps
Neodymium	150-1	347	327	280	318	10.77	cps
Neodymium	150-2	60	43	37	47	25.75	cps
Nickel	60-2	305420	310405	304463	306762	1.04	cps
Phosphorus	31-2	25431	25614	25030	25359	1.18	cps
Potassium	39-2	2488390	2514835	2523210	2508812	0.72	cps
Rhodium	103-1	5952105	5875233	5829207	5885515	1.05	cps
Rhodium	103-2	2793841	2834066	2581780	2736562	4.95	cps
Scandium	45-1	3896103	3825258	3777777	3833046	1.55	cps
Scandium	45-2	146648	149902	135496	144016	5.25	cps
Selenium	77-2	2504	2744	2700	2649	4.83	cps
Selenium	78-2	8769	9070	8717	8852	2.15	cps
Selenium	82-1	65382	64443	64580	64802	0.78	cps
Silicon	28-1	2030583	2011370	2008951	2016968	0.59	cps
Silver	109-1	3770001	3718723	3684829	3724517	1.15	cps
Silver	107-1	3946272	3874261	3834519	3885017	1.46	cps
Sodium	23-2	10036965	10190406	10096524	10107965	0.77	cps
Strontium	86-1	1001479	983101	970997	985192	1.56	cps
Strontium	88-1	8926641	8787789	8750968	8821799	1.05	cps
Sulfur	34-1	493908	477841	477228	482992	1.96	cps
Terbium	159-1	9544887	9612404	9511687	9556326	0.54	cps
Terbium	159-2	5023069	5052501	4620009	4898526	4.93	cps
Thallium	203-1	3347550	3316009	3315216	3326258	0.55	cps
Thallium	205-1	8284757	8206302	8261089	8250716	0.49	cps
Thorium	232-1	11559711	11596396	11608733	11588280	0.22	cps
Tin	118-1	2689107	2656867	2645514	2663830	0.85	cps
Titanium	47-1	1990906	1939892	1910206	1947001	2.10	cps
Uranium	238-1	10988682	11098729	11043840	11043750	0.50	cps
Vanadium	51-2	560689	571581	561478	564583	1.08	cps
Yttrium	89-1	19714116	19268744	19270465	19417775	1.32	cps
Yttrium	89-2	2699343	2763846	2482891	2648693	5.56	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:44:42	DataFile Name :	020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277950	280701	279126	279259	0.49	cps
Zirconium	90-1	5302034	5218728	5189469	5236744	1.12	cps
Zirconium	91-1	1164405	1136097	1129126	1143209	1.63	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2327215	2371036	2358529	2352260	0.96	cps
Antimony	121-1	2819653	2811494	2815773	2815640	0.14	cps
Arsenic	75-1	615497	609553	616377	613809	0.60	cps
Barium	135-1	3794726	3789600	3772990	3785772	0.30	cps
Barium	137-1	6771940	6757024	6794067	6774343	0.28	cps
Beryllium	9-1	664256	667997	667760	666671	0.31	cps
Bismuth	209-1	5155879	5152290	5112703	5140291	0.47	cps
Bismuth	209-2	3246760	3283708	3317357	3282608	1.08	cps
Boron	10-1	106121	109906	111291	109106	2.45	cps
Boron	11-1	487429	496394	498336	494053	1.18	cps
Cadmium	111-1	864766	876893	865773	869144	0.77	cps
Cadmium	106-1	97887	97786	98642	98105	0.48	cps
Cadmium	108-1	63337	63830	64140	63769	0.64	cps
Calcium	43-1	4206666	4313440	4304199	4274768	1.38	cps
Calcium	44-1	70060260	69886847	69738564	69895224	0.23	cps
Chromium	52-2	689509	696668	695474	693883	0.55	cps
Cobalt	59-2	1126625	1143328	1146579	1138844	0.94	cps
Copper	63-2	1709836	1735051	1747310	1730733	1.10	cps
Dysprosium	156-1	108	75	100	94	18.37	cps
Dysprosium	156-2	97	93	80	90	9.80	cps
Erbium	164-1	50	42	83	58	37.80	cps
Erbium	164-2	23	37	77	46	60.93	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	183	177	170	177	3.78	cps
Holmium	165-1	8954143	9027052	8977844	8986346	0.41	cps
Holmium	165-2	4689744	4805406	4780447	4758532	1.28	cps
Indium	115-1	6294093	6315583	6316436	6308704	0.20	cps
Indium	115-2	1226893	1241597	1244254	1237581	0.76	cps
Iron	56-2	146209259	147918014	147931198	147352824	0.67	cps
Iron	57-2	3635901	3679133	3705380	3673471	0.96	cps
Krypton	83-1	197	173	220	197	11.86	cps
Lead	206-1	2596492	2579145	2580006	2585214	0.38	cps
Lead	207-1	2246590	2241961	2231607	2240053	0.34	cps
Lead	208-1	10266209	10250137	10190080	10235475	0.39	cps
Lithium	6-1	2263376	2272500	2284450	2273442	0.46	cps
Magnesium	24-2	25498023	25770996	25700743	25656588	0.55	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	868239	885847	880324	878137	1.03	cps
Molybdenum	94-1	6203476	6216337	6247354	6222389	0.36	cps
Molybdenum	95-1	7770675	7720412	7762178	7751088	0.35	cps
Molybdenum	96-1	8584819	8612282	8536681	8577928	0.45	cps
Molybdenum	97-1	4858008	4710293	4645283	4737861	2.30	cps
Molybdenum	98-1	12339083	12462684	12345873	12382547	0.56	cps
Neodymium	150-1	227	367	420	338	29.56	cps
Neodymium	150-2	90	47	60	66	33.85	cps
Nickel	60-2	286247	289472	291321	289013	0.89	cps
Phosphorus	31-2	24037	24880	24487	24468	1.72	cps
Potassium	39-2	12434154	12484177	12528193	12482175	0.38	cps
Rhodium	103-1	5252311	5314515	5306975	5291267	0.64	cps
Rhodium	103-2	2422298	2460249	2468673	2450407	1.01	cps
Scandium	45-1	3614378	3600565	3616045	3610329	0.24	cps
Scandium	45-2	134736	137564	137248	136516	1.14	cps
Selenium	77-2	2384	2267	2600	2417	7.00	cps
Selenium	78-2	8097	8345	8117	8186	1.68	cps
Selenium	82-1	58836	58746	58305	58629	0.48	cps
Silicon	28-1	2015420	2040093	2052011	2035841	0.92	cps
Silver	109-1	3659635	3660134	3659502	3659757	0.01	cps
Silver	107-1	3797330	3803312	3815997	3805546	0.25	cps
Sodium	23-2	48035399	48441052	48281252	48252568	0.42	cps
Strontium	86-1	943117	950535	945053	946235	0.41	cps
Strontium	88-1	8423654	8466326	8431829	8440603	0.27	cps
Sulfur	34-1	456877	455629	461039	457848	0.62	cps
Terbium	159-1	9191763	9248518	9204126	9214803	0.32	cps
Terbium	159-2	4541863	4607732	4645239	4598278	1.14	cps
Thallium	203-1	3216322	3191795	3173092	3193736	0.68	cps
Thallium	205-1	7857436	7932330	7889309	7893025	0.48	cps
Thorium	232-1	11508613	11493333	11494734	11498893	0.07	cps
Tin	118-1	2524245	2506200	2541835	2524093	0.71	cps
Titanium	47-1	1851793	1859990	1869990	1860591	0.49	cps
Uranium	238-1	11019781	11068817	11089708	11059435	0.32	cps
Vanadium	51-2	556472	560552	560899	559308	0.44	cps
Yttrium	89-1	18276459	18472288	18389693	18379480	0.53	cps
Yttrium	89-2	2471199	2498779	2514285	2494754	0.87	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:48:19	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	292919	294395	297990	295101	0.88	cps
Zirconium	90-1	5025749	5044986	5035177	5035304	0.19	cps
Zirconium	91-1	1104324	1099956	1099533	1101271	0.24	cps

LB Number : LB104514 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-08 14:55:13 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	75	69	13.85	cps
Antimony	121-1	1584	1550	1684	1606	4.32	cps
Arsenic	75-1	-210	-44	-182	-145	-61.41	cps
Barium	135-1	183	158	108	150	25.46	cps
Barium	137-1	258	233	208	233	10.72	cps
Beryllium	9-1	143	113	127	128	11.76	cps
Bismuth	209-1	5879072	5821835	5763170	5821359	1.00	cps
Bismuth	209-2	3710905	3734586	3737144	3727545	0.39	cps
Boron	10-1	6310	5385	5526	5740	8.68	cps
Boron	11-1	27025	25589	24896	25837	4.20	cps
Cadmium	111-1	3788	3907	3858	3851	1.55	cps
Cadmium	106-1	5351	5493	5435	5426	1.31	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	200	158	233	197	19.05	cps
Calcium	44-1	6986	7929	7361	7425	6.39	cps
Chromium	52-2	273	290	253	272	6.74	cps
Cobalt	59-2	30	43	80	51	50.66	cps
Copper	63-2	387	453	420	420	7.94	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	147	160	137	148	7.92	cps
Holmium	165-1	9261313	9307458	9167999	9245590	0.77	cps
Holmium	165-2	4867406	4906805	4918207	4897472	0.54	cps
Indium	115-1	7156565	7072921	7064395	7097960	0.72	cps
Indium	115-2	1390899	1406258	1398538	1398565	0.55	cps
Iron	56-2	5879	5962	5707	5849	2.23	cps
Iron	57-2	161	189	206	185	12.12	cps
Krypton	83-1	197	167	160	174	11.20	cps
Lead	206-1	800	767	856	807	5.56	cps
Lead	207-1	667	756	722	715	6.28	cps
Lead	208-1	2911	2756	2695	2787	4.01	cps
Lithium	6-1	2445812	2431806	2417393	2431670	0.58	cps
Magnesium	24-2	808	825	600	744	16.84	cps

LB Number :	LB104514	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-08-08 14:55:13	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	37	70	56	30.79	cps
Molybdenum	94-1	867	675	575	706	21.01	cps
Molybdenum	95-1	683	717	600	667	9.01	cps
Molybdenum	96-1	883	700	892	825	13.13	cps
Molybdenum	97-1	417	433	442	431	2.96	cps
Molybdenum	98-1	1342	1133	1175	1217	9.06	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	27	50	43	40	30.04	cps
Phosphorus	31-2	50	25	50	42	34.64	cps
Potassium	39-2	9378	9362	9086	9275	1.77	cps
Rhodium	103-1	6326262	6349604	6256232	6310699	0.77	cps
Rhodium	103-2	2861916	2923393	2916133	2900481	1.16	cps
Scandium	45-1	4001214	3947045	3916156	3954805	1.09	cps
Scandium	45-2	145897	147812	147717	147142	0.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	43	33	43	23.61	cps
Selenium	82-1	7	42	47	32	68.16	cps
Silicon	28-1	89157	89224	87791	88724	0.91	cps
Silver	109-1	208	217	242	222	7.81	cps
Silver	107-1	208	283	283	258	16.76	cps
Sodium	23-2	8670	9070	8895	8878	2.26	cps
Strontium	86-1	258	325	300	294	11.44	cps
Strontium	88-1	325	333	258	306	13.45	cps
Sulfur	34-1	161813	161779	161298	161630	0.18	cps
Terbium	159-1	9561268	9484827	9442844	9496313	0.63	cps
Terbium	159-2	4756630	4787764	4787973	4777456	0.38	cps
Thallium	203-1	867	908	833	870	4.32	cps
Thallium	205-1	1817	1775	1759	1784	1.69	cps
Thorium	232-1	3506	3484	3517	3502	0.48	cps
Tin	118-1	1517	1392	1167	1358	13.06	cps
Titanium	47-1	158	158	83	133	32.47	cps
Uranium	238-1	2125	2392	2409	2309	6.89	cps
Vanadium	51-2	10	37	37	28	55.43	cps
Yttrium	89-1	20137991	20058818	19958193	20051667	0.45	cps
Yttrium	89-2	2684382	2734246	2741135	2719921	1.14	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	193	217	237	216	10.06	cps
Zirconium	90-1	992	1083	975	1017	5.74	cps
Zirconium	91-1	217	225	242	228	5.59	cps