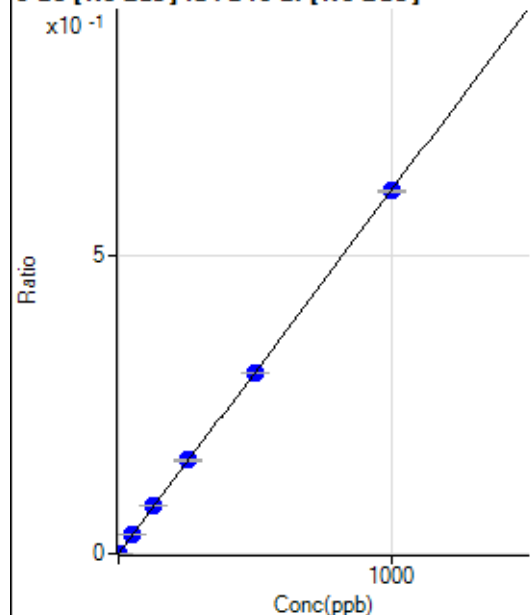


Calibration for 006CAL.S.d

Batch Folder: D:\ICP-MS Data\P7020520IMS.b\
 Analysis File: P7020520IMS.batch.bin
 DA Date-Time: 2020-02-05 12:58:10
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-02-05 11:24:15
2	004CAL.S.d	S02	2020-02-05 11:27:56
3	005CAL.S.d	S03	2020-02-05 11:33:04
4	006CAL.S.d	S04	2020-02-05 11:37:24
5	007CAL.S.d	S05	2020-02-05 11:41:18
6	008CAL.S.d	S06	2020-02-05 11:45:09
7	009CAL.S.d	S07	2020-02-05 11:49:00
8	010CAL.S.d	S08	2020-02-05 11:52:53

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	159.27	0.0000	P	8.6
2	☐	1.000	0.987	4623.04	0.0006	P	3.2
3	☐	50.000	51.755	230512.65	0.0315	P	0.3
4	☐	125.000	133.611	564461.63	0.0813	P	0.2
5	☐	250.000	257.468	1044251.61	0.1566	P	1.1
6	☐	500.000	497.481	2003262.29	0.3027	P	0.4
7	☐	1000.000	998.229	4032633.45	0.6073	P	0.8
8	☐			809.31	0.0001	P	9.2

$$y = 6.0833\text{E-}004 * x + 2.1990\text{E-}005$$

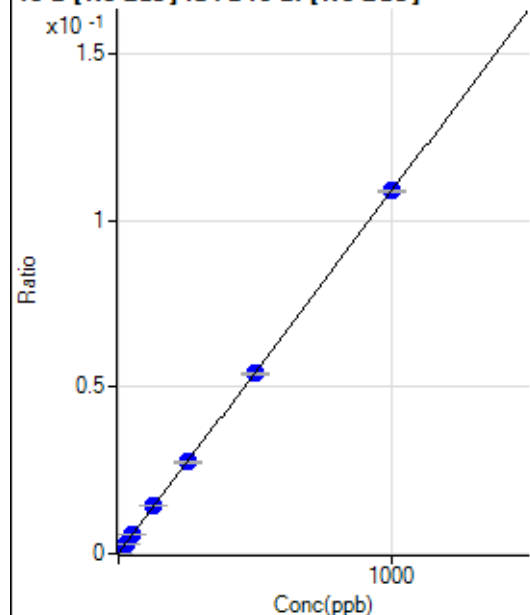
$$R = 0.9999$$

$$DL = 0.009295$$

$$BEC = 0.03615$$

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	627.82	0.0001	P	9.5
2	☐	25.000	25.340	21093.22	0.0028	P	1.2
3	☐	50.000	50.783	41001.21	0.0056	P	1.4
4	☐	125.000	130.441	98993.33	0.0143	P	1.1
5	☐	250.000	252.304	183311.69	0.0275	P	1.5
6	☐	500.000	496.261	357455.81	0.0540	P	1.2
7	☐	1000.000	1000.566	722479.65	0.1088	P	0.3
8	☐			20122.61	0.0034	P	8.6

$$y = 1.0865\text{E-}004 * x + 8.6718\text{E-}005$$

$$R = 1.0000$$

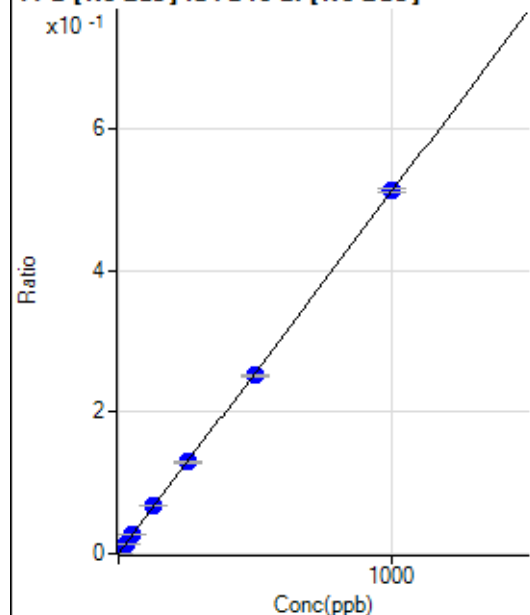
$$DL = 0.228$$

$$BEC = 0.7982$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2655.90	0.0004	P	1.3
2	☐	25.000	25.405	99177.71	0.0134	P	0.9
3	☐	50.000	50.796	192653.16	0.0263	P	1.3
4	☐	125.000	130.332	465099.84	0.0670	P	1.0
5	☐	250.000	252.334	862282.27	0.1294	P	1.3
6	☐	500.000	492.640	1669220.02	0.2522	P	1.0
7	☐	1000.000	1002.380	3405088.84	0.5128	P	0.9
8	☐			95740.85	0.0161	P	8.8

$$y = 5.1117\text{E-}004 * x + 3.6676\text{E-}004$$

$$R = 0.9999$$

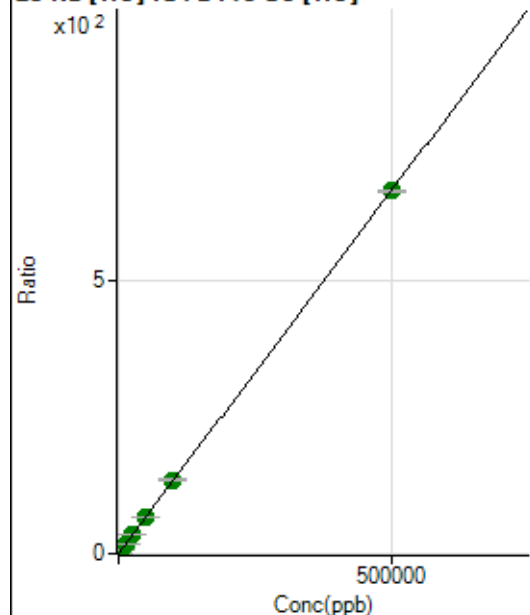
$$DL = 0.02762$$

$$BEC = 0.7175$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23941.99	0.0370	P	0.9
2	☐	500.000	470.723	434726.97	0.6624	P	5.0
3	☐	5000.000	5138.868	4358192.81	6.8645	A	0.5
4	☐	12500.000	13088.641	10364161.08	17.4267	A	0.2
5	☐	25000.000	25758.787	20091017.46	34.2603	A	0.6
6	☐	50000.000	50418.951	39824004.01	67.0240	A	0.3
7	☐	100000.00	101295.74	82935471.99	134.6194	A	1.3
8	☐	500000.00	499644.94	375722861.17	663.8696	A	0.8

$$y = 0.0013 * x + 0.0370$$

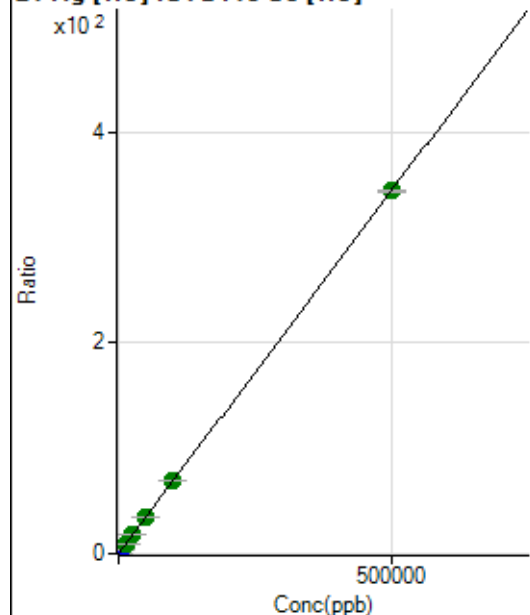
$$R = 1.0000$$

$$DL = 0.777$$

$$BEC = 27.84$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.24	0.0005	P	25.4
2	☐	500.000	452.392	204962.07	0.3123	P	6.9
3	☐	5000.000	5267.601	2305445.78	3.6315	P	1.6
4	☐	12500.000	13334.937	5466802.60	9.1925	A	0.8
5	☐	25000.000	26043.557	10527881.92	17.9528	A	0.5
6	☐	50000.000	50543.314	20701643.69	34.8410	A	0.5
7	☐	100000.00	100443.28	42656424.56	69.2380	A	0.9
8	☐	500000.00	499781.33	194974136.30	344.5097	A	0.3

$$y = 6.8932\text{E-}004 * x + 4.5931\text{E-}004$$

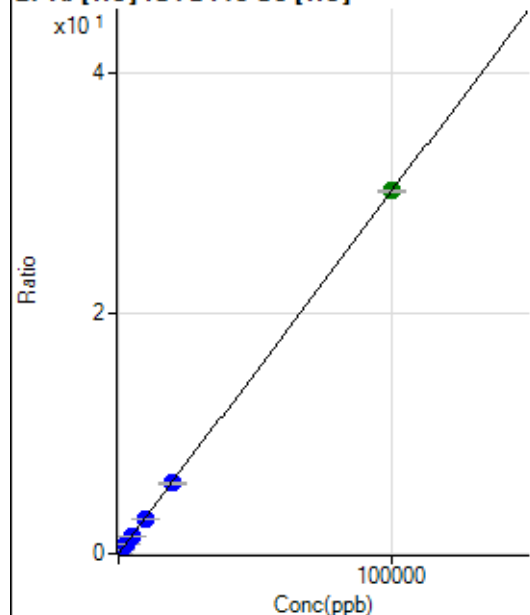
$$R = 1.0000$$

$$DL = 0.5078$$

$$BEC = 0.6663$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0001	P	29.5
2	☐	20.000	16.362	3297.71	0.0050	P	4.7
3	☐	1000.000	1002.891	192102.60	0.3026	P	0.9
4	☐	2500.000	2589.692	464580.77	0.7812	P	0.5
5	☐	5000.000	5005.621	885441.45	1.5099	P	0.9
6	☐	10000.000	9678.238	1734562.15	2.9193	P	1.1
7	☐	20000.000	19419.573	3608704.12	5.8575	P	1.2
8	☐	100000.00	100145.71	17095291.18	30.2064	A	0.3

$$y = 3.0162\text{E-}004 * x + 9.0282\text{E-}005$$

$$R = 1.0000$$

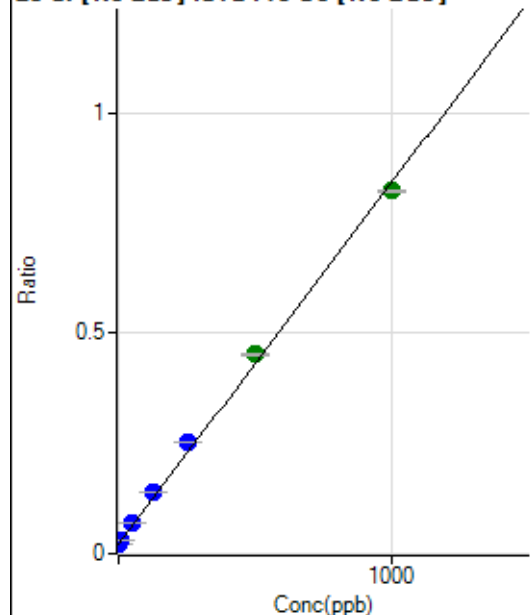
$$DL = 0.2649$$

$$BEC = 0.2993$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372256.05	0.0218	P	1.3
2	☐	10.000	11.569	545371.26	0.0313	P	1.4
3	☐	50.000	59.628	1205260.70	0.0707	P	0.5
4	☐	125.000	142.775	2279038.74	0.1389	P	0.1
5	☐	250.000	281.405	4035505.74	0.2526	P	0.5
6	☐	500.000	524.232	7210461.62	0.4517	A	0.8
7	☐	1000.000	977.313	13575885.20	0.8232	A	0.4
8	☐			2815047.89	0.1856	P	8.4

$$y = 8.2000\text{E-}004 * x + 0.0218$$

$$R = 0.9990$$

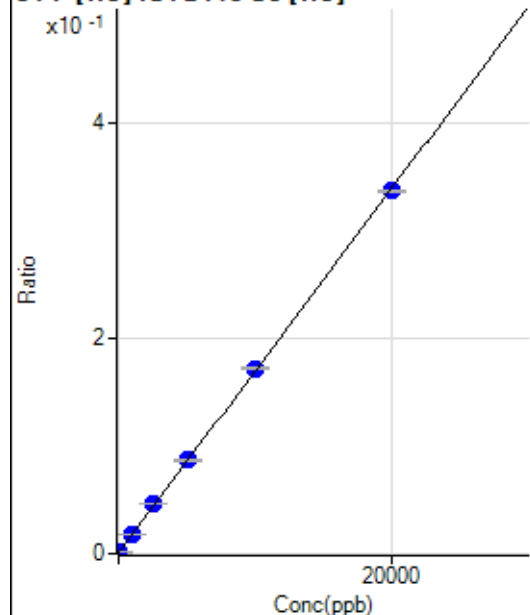
$$DL = 1.014$$

$$BEC = 26.62$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-23.728	233.35	0.0004	P	6.7
2	☐	0.000	23.728	761.17	0.0012	P	28.8
3	☐	1000.000	1015.223	11357.52	0.0179	P	3.4
4	☐	2500.000	2712.186	27657.15	0.0465	P	1.3
5	☐	5000.000	5120.430	51094.14	0.0871	P	2.0
6	☐	10000.000	10112.842	101805.37	0.1713	P	1.0
7	☐	20000.000	19886.187	207132.62	0.3362	P	0.6
8	☐			336.13	0.0006	P	11.6

$$y = 1.6868\text{E-}005 * x + 7.6082\text{E-}004$$

$$R = 0.9999$$

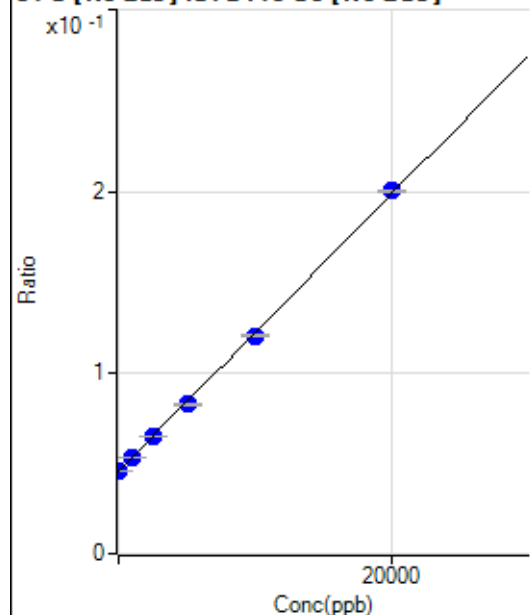
$$DL = 31.85$$

$$BEC = 45.11$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.048	778501.77	0.0456	P	0.6
2	☐	0.000	7.048	796848.80	0.0458	P	0.7
3	☐	1000.000	968.846	905145.54	0.0531	P	0.6
4	☐	2500.000	2450.451	1057457.65	0.0645	P	0.2
5	☐	5000.000	4781.358	1314753.27	0.0823	P	0.4
6	☐	10000.000	9716.575	1916426.06	0.1201	P	0.9
7	☐	20000.000	20204.124	3303476.88	0.2003	P	0.6
8	☐			650593.41	0.0429	P	0.9

$$y = 7.6530\text{E-}006 * x + 0.0457$$

R = 0.9998

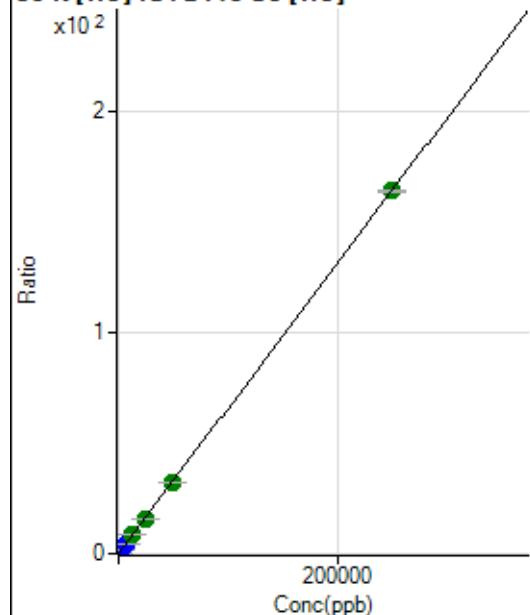
DL = 111.2

BEC = 5971

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33703.36	0.0521	P	2.7
2	☐	500.000	472.110	237650.78	0.3621	P	4.3
3	☐	2500.000	2559.280	1099981.71	1.7326	P	0.5
4	☐	6250.000	6561.076	2593221.26	4.3602	P	0.4
5	☐	12500.000	12562.871	4868018.56	8.3012	A	0.1
6	☐	25000.000	24408.096	9553835.11	16.0790	A	0.4
7	☐	50000.000	48862.588	19799119.54	32.1365	A	0.5
8	☐	250000.00	250275.21	93035885.41	164.3889	A	0.5

$$y = 6.5662\text{E-}004 * x + 0.0521$$

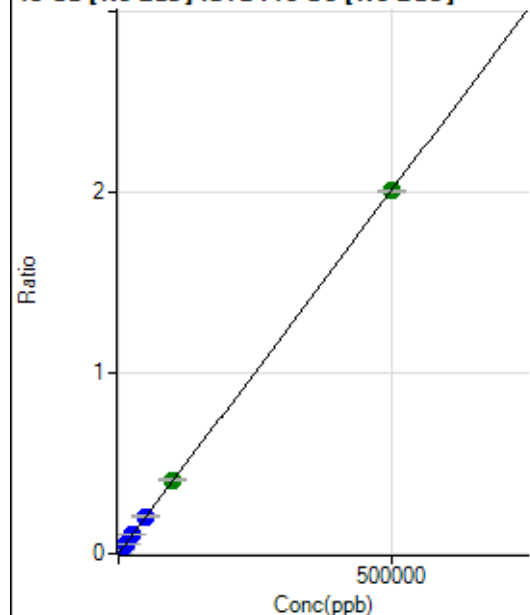
R = 1.0000

DL = 6.433

BEC = 79.31

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	372.24	0.0000	P	9.6
2	☐	500.000	519.722	36727.30	0.0021	P	2.2
3	☐	5000.000	5238.568	358860.18	0.0211	P	0.8
4	☐	12500.000	13565.921	894132.08	0.0545	P	0.1
5	☐	25000.000	26269.654	1685708.80	0.1055	P	0.6
6	☐	50000.000	51511.447	3302251.12	0.2069	P	0.5
7	☐	100000.00	101880.04	6746782.44	0.4091	A	0.4
8	☐	500000.00	499380.31	30424044.78	2.0053	A	0.7

$$y = 4.0155\text{E-}006 * x + 2.1814\text{E-}005$$

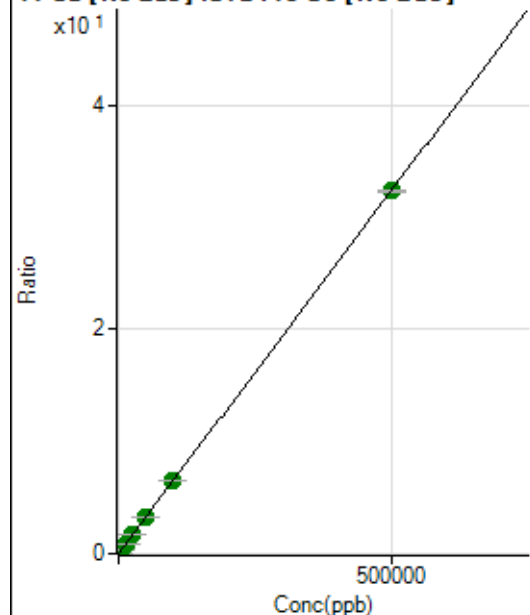
$$R = 1.0000$$

$$DL = 1.561$$

$$BEC = 5.432$$

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	17589.59	0.0010	P	2.5
2	☐	500.000	519.439	603897.54	0.0347	P	0.8
3	☐	5000.000	5103.183	5650082.16	0.3315	A	0.6
4	☐	12500.000	13307.651	14157967.50	0.8629	A	0.5
5	☐	25000.000	25936.568	26854581.16	1.6808	A	0.2
6	☐	50000.000	50693.956	52425741.45	3.2842	A	0.2
7	☐	100000.00	101544.41	108467435.76	6.5775	A	0.7
8	☐	500000.00	499553.65	490875610.97	32.3541	A	0.7

$$y = 6.4764\text{E-}005 * x + 0.0010$$

$$R = 1.0000$$

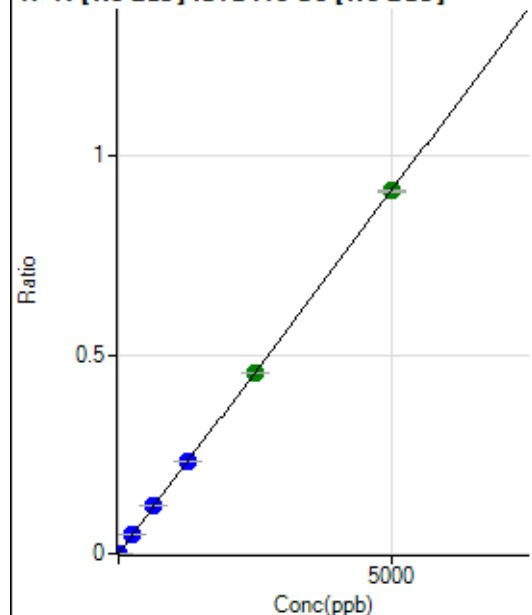
$$DL = 1.2$$

$$BEC = 15.93$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	10.6
2	☐	5.000	5.071	16379.14	0.0009	P	1.9
3	☐	250.000	254.578	793211.97	0.0465	P	0.5
4	☐	625.000	661.185	1983015.67	0.1209	P	0.2
5	☐	1250.000	1274.710	3722691.79	0.2330	P	0.4
6	☐	2500.000	2487.158	7256668.04	0.4546	A	0.6
7	☐	5000.000	4995.491	15057461.97	0.9131	A	0.5
8	☐			4061.85	0.0003	P	3.3

$$y = 1.8277E-004 * x + 1.3515E-005$$

$$R = 1.0000$$

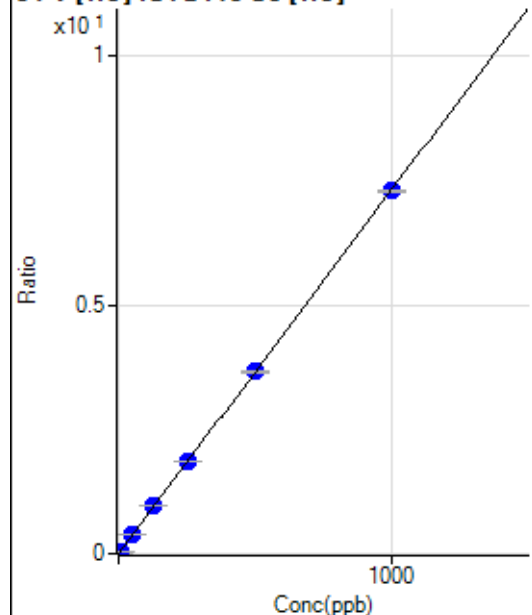
$$DL = 0.0236$$

$$BEC = 0.07394$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0001	P	50.6
2	☐	5.000	4.411	21205.47	0.0323	P	6.8
3	☐	50.000	50.638	235063.81	0.3703	P	1.0
4	☐	125.000	130.669	568145.49	0.9553	P	0.5
5	☐	250.000	255.598	1095824.90	1.8686	P	0.2
6	☐	500.000	500.779	2175338.58	3.6611	P	0.5
7	☐	1000.000	997.474	4492808.16	7.2922	P	0.2
8	☐			1689.01	0.0030	P	2.9

$$y = 0.0073 * x + 6.3720E-005$$

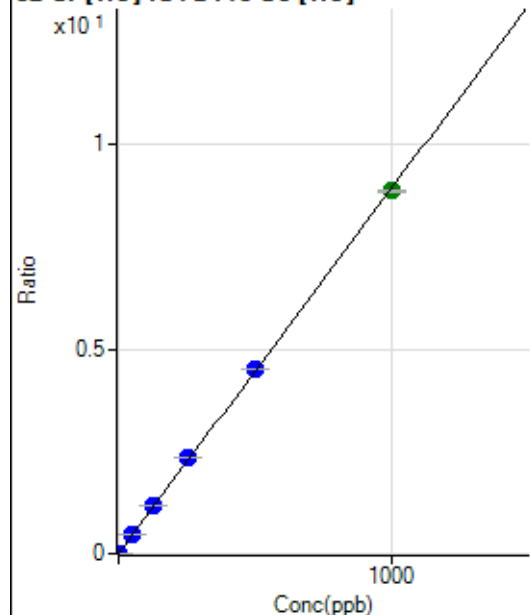
$$R = 1.0000$$

$$DL = 0.01323$$

$$BEC = 0.008716$$

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	1750.13	0.0027	P	2.4
2	☐	2.000	1.727	11892.74	0.0181	P	5.8
3	☐	50.000	51.695	294655.48	0.4641	P	1.1
4	☐	125.000	133.097	708133.72	1.1907	P	0.3
5	☐	250.000	261.031	1367923.99	2.3326	P	0.1
6	☐	500.000	505.977	2685102.04	4.5190	P	0.3
7	☐	1000.000	993.158	5463228.32	8.8676	A	0.7
8	☐			89958.21	0.1590	P	0.9

$$y = 0.0089 * x + 0.0027$$

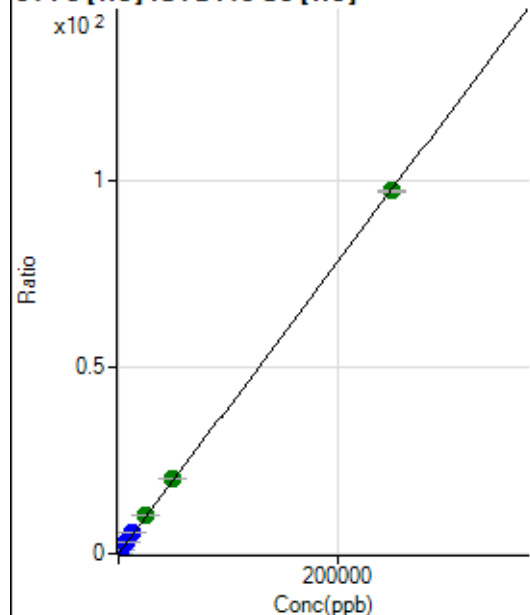
$$R = 0.9999$$

$$DL = 0.02192$$

$$BEC = 0.3029$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	824.22	0.0013	P	5.8
2	☐	50.000	47.281	12925.87	0.0197	P	8.1
3	☐	2500.000	2794.905	691889.86	1.0898	P	0.5
4	☐	6250.000	7286.763	1688571.63	2.8392	P	0.5
5	☐	12500.000	14094.740	3219820.70	5.4906	P	0.2
6	☐	25000.000	26402.069	6110394.40	10.2838	A	0.2
7	☐	50000.000	51986.453	12474547.76	20.2479	A	0.8
8	☐	250000.00	249353.89	54961402.80	97.1145	A	0.2

$$y = 3.8946E-004 * x + 0.0013$$

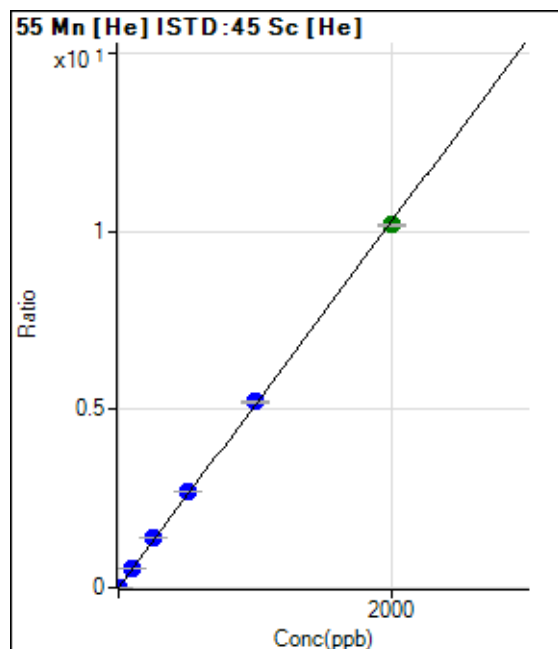
$$R = 1.0000$$

$$DL = 0.5689$$

$$BEC = 3.271$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0001	P	30.0
2	☐	1.000	0.907	3137.06	0.0048	P	7.2
3	☐	100.000	104.107	339498.88	0.5347	P	0.3
4	☐	250.000	270.919	827462.30	1.3913	P	0.4
5	☐	500.000	527.764	1589396.85	2.7103	P	0.7
6	☐	1000.000	1015.939	3099851.97	5.2171	P	1.1
7	☐	2000.000	1982.269	6271546.30	10.1794	A	0.3
8	☐			29898.36	0.0528	P	1.4

$$y = 0.0051 * x + 1.2176E-004$$

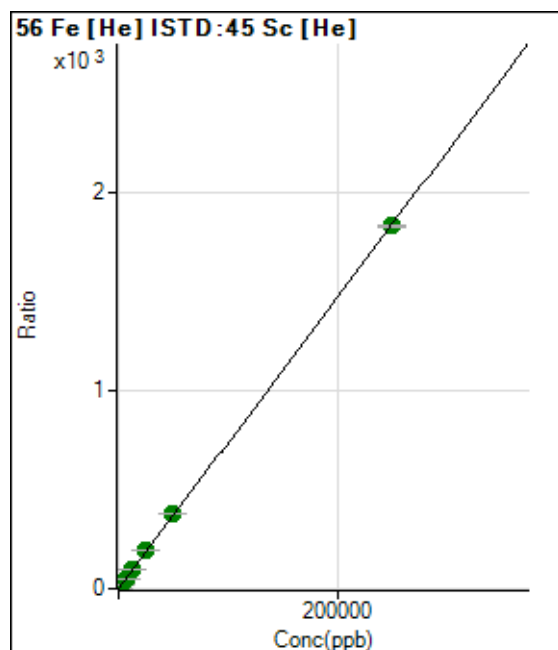
$$R = 0.9998$$

$$DL = 0.02134$$

$$BEC = 0.02371$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7248.29	0.0112	P	2.4
2	☐	50.000	45.851	227838.76	0.3471	P	7.9
3	☐	2500.000	2673.718	12444243.91	19.6012	A	1.0
4	☐	6250.000	6954.445	30309099.06	50.9655	A	0.6
5	☐	12500.000	13568.593	58306707.79	99.4265	A	0.4
6	☐	25000.000	26215.776	114136597.92	192.0908	A	0.4
7	☐	50000.000	51612.292	232988755.21	378.1678	A	0.4
8	☐	250000.00	249483.18	1034512356.4	1,827.942	A	0.4

$$y = 0.0073 * x + 0.0112$$

$$R = 1.0000$$

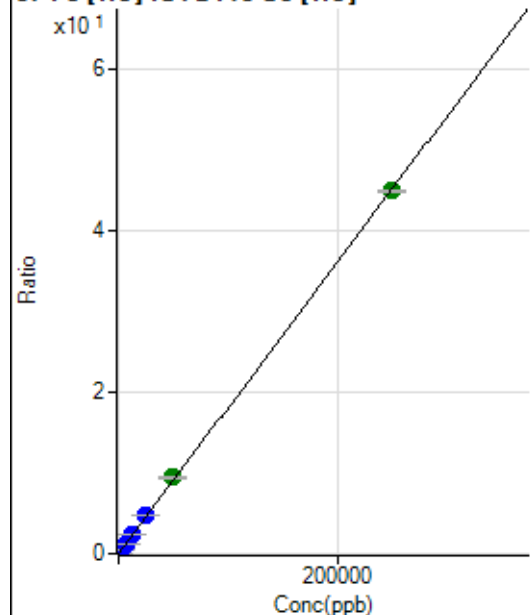
$$DL = 0.11$$

$$BEC = 1.528$$

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	320.38	0.0005	P	4.5
2	☐	50.000	48.259	6023.63	0.0092	P	9.4
3	☐	2500.000	2712.504	310080.05	0.4884	P	0.6
4	☐	6250.000	7020.390	751285.68	1.2633	P	0.4
5	☐	12500.000	13676.330	1442901.07	2.4605	P	0.2
6	☐	25000.000	26560.018	2838925.47	4.7779	P	0.3
7	☐	50000.000	52281.431	5793973.68	9.4045	A	1.1
8	☐	250000.00	249307.51	25379279.50	44.8442	A	0.7

$$y = 1.7987E-004 * x + 4.9485E-004$$

$$R = 0.9999$$

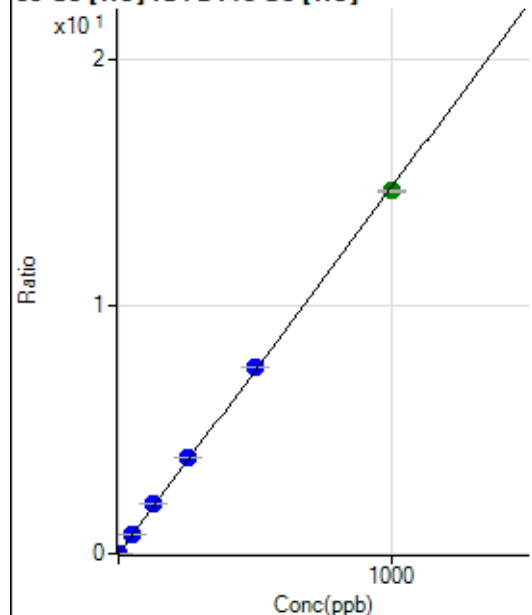
$$DL = 0.3735$$

$$BEC = 2.751$$

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	167.78	0.0003	P	7.9
2	☐	1.000	0.889	8804.98	0.0134	P	9.6
3	☐	50.000	52.787	496362.66	0.7818	P	0.6
4	☐	125.000	136.012	1197798.67	2.0140	P	0.1
5	☐	250.000	264.629	2297814.77	3.9183	P	0.2
6	☐	500.000	508.802	4476220.32	7.5336	P	0.8
7	☐	1000.000	990.426	9034767.02	14.6645	A	0.6
8	☐			15637.42	0.0276	P	0.4

$$y = 0.0148 * x + 2.5934E-004$$

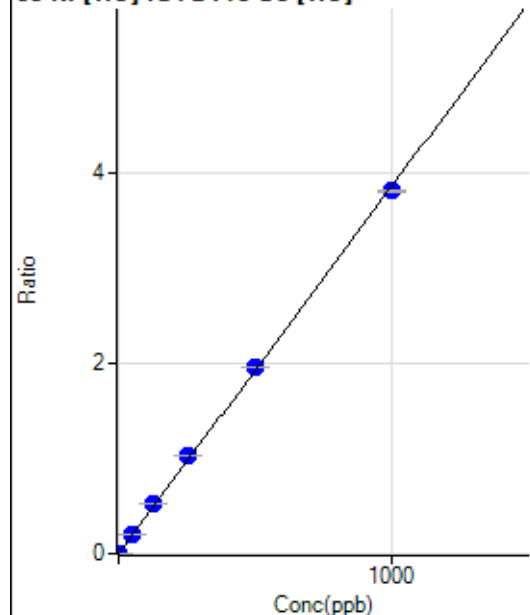
$$R = 0.9998$$

$$DL = 0.004177$$

$$BEC = 0.01752$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0002	P	34.9
2	☐	1.000	1.013	2690.29	0.0041	P	6.7
3	☐	50.000	53.772	131906.28	0.2078	P	0.9
4	☐	125.000	138.562	318201.61	0.5351	P	0.3
5	☐	250.000	268.035	606849.24	1.0348	P	0.1
6	☐	500.000	510.072	1170002.20	1.9691	P	0.1
7	☐	1000.000	988.571	2351099.75	3.8162	P	0.8
8	☐			25444.47	0.0450	P	0.9

$$y = 0.0039 * x + 1.9054E-004$$

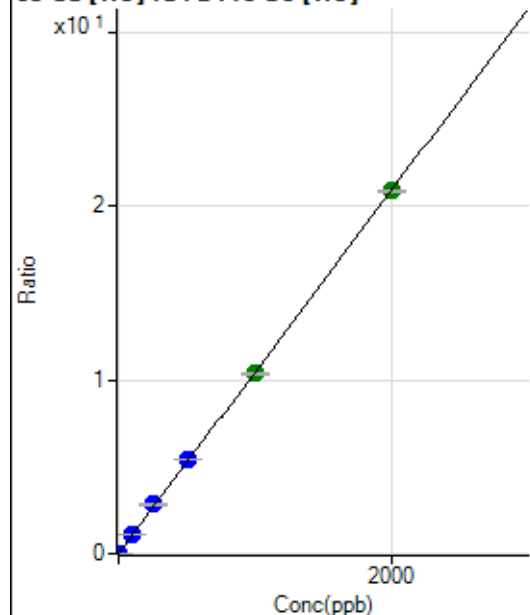
$$R = 0.9997$$

$$DL = 0.05168$$

$$BEC = 0.04936$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1722.35	0.0027	P	0.8
2	☐	2.000	1.812	14181.52	0.0216	P	5.5
3	☐	100.000	105.325	700799.04	1.1038	P	0.9
4	☐	250.000	269.792	1679093.50	2.8234	P	0.3
5	☐	500.000	521.113	3196562.14	5.4510	P	0.5
6	☐	1000.000	990.962	6157675.05	10.3633	A	0.5
7	☐	2000.000	1996.500	12861686.34	20.8763	A	0.8
8	☐			29380.80	0.0519	P	0.9

$$y = 0.0105 * x + 0.0027$$

$$R = 0.9999$$

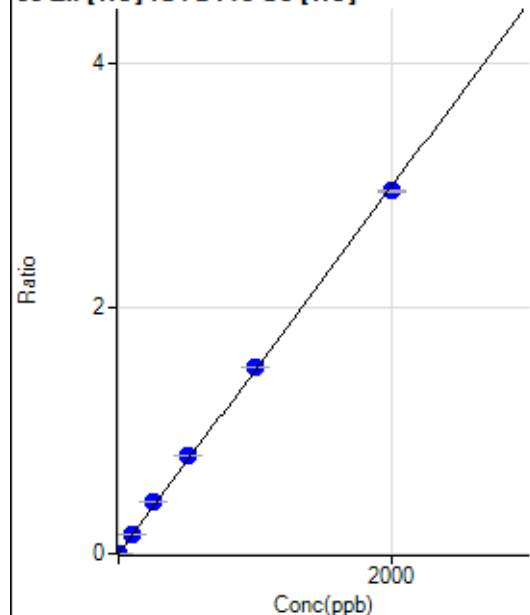
$$DL = 0.005983$$

$$BEC = 0.2545$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	610.02	0.0009	P	1.0
2	☐	2.000	2.087	2663.63	0.0041	P	6.3
3	☐	100.000	107.112	102184.35	0.1610	P	0.9
4	☐	250.000	280.780	249996.09	0.4204	P	1.0
5	☐	500.000	538.268	472097.12	0.8050	P	0.1
6	☐	1000.000	1018.480	904580.49	1.5224	P	0.3
7	☐	2000.000	1976.990	1820122.52	2.9543	P	0.7
8	☐			21629.59	0.0382	P	0.9

$$y = 0.0015 * x + 9.4248E-004$$

$$R = 0.9997$$

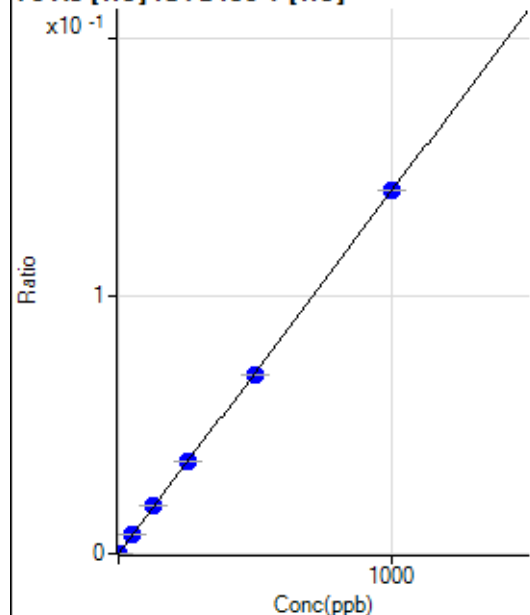
$$DL = 0.01984$$

$$BEC = 0.6309$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.05	0.0000	P	40.9
2	☐	1.000	0.901	563.60	0.0001	P	10.3
3	☐	50.000	50.888	30099.03	0.0072	P	0.6
4	☐	125.000	130.486	73935.39	0.0184	P	0.5
5	☐	250.000	254.081	142901.93	0.0357	P	0.5
6	☐	500.000	495.077	278763.43	0.0696	P	0.3
7	☐	1000.000	1000.711	571471.47	0.1407	P	0.1
8	☐			285.80	0.0001	P	11.7

$$y = 1.4060E-004 * x + 3.8057E-006$$

$$R = 1.0000$$

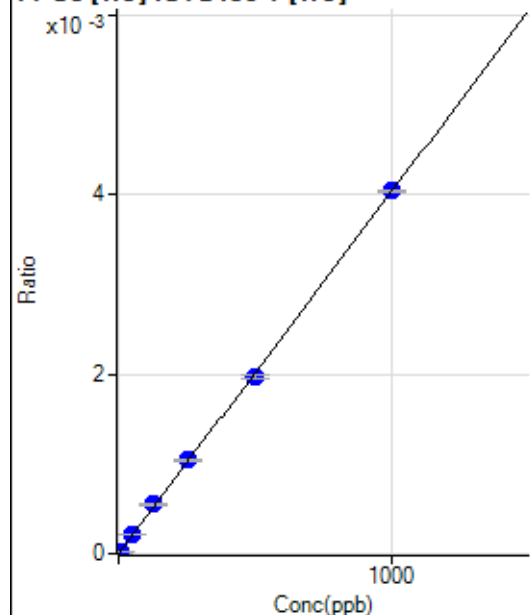
$$DL = 0.03321$$

$$BEC = 0.02707$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.848	85.56	0.0000	P	26.2
3	☐	50.000	52.915	897.82	0.0002	P	6.9
4	☐	125.000	136.156	2212.43	0.0005	P	5.0
5	☐	250.000	257.881	4157.33	0.0010	P	2.4
6	☐	500.000	488.548	7885.60	0.0020	P	2.5
7	☐	1000.000	1002.216	16405.05	0.0040	P	0.3
8	☐			5.56	0.0000	P	92.3

$$y = 4.0301\text{E-}006 * x + 2.6412\text{E-}007$$

$$R = 0.9998$$

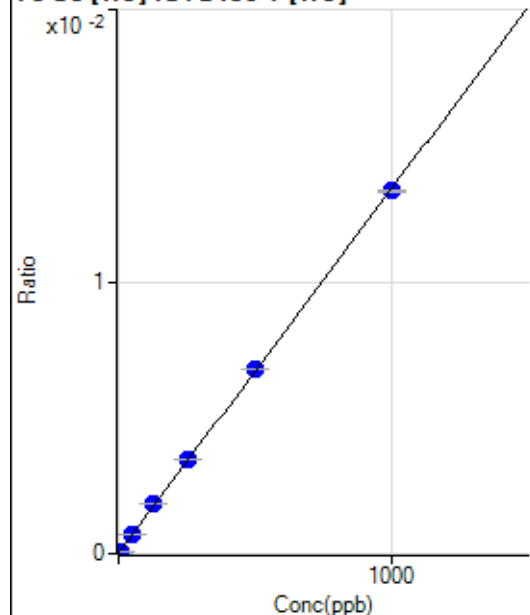
$$DL = 0.3405$$

$$BEC = 0.06554$$

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	95.68	0.0000	P	28.5
2	☐	5.000	4.634	365.44	0.0001	P	10.0
3	☐	50.000	51.328	2984.29	0.0007	P	2.5
4	☐	125.000	134.462	7344.51	0.0018	P	1.7
5	☐	250.000	255.605	13776.37	0.0034	P	0.8
6	☐	500.000	505.303	27180.42	0.0068	P	1.0
7	☐	1000.000	994.700	54177.21	0.0133	P	0.7
8	☐			106.17	0.0000	P	14.2

$$y = 1.3388\text{E-}005 * x + 2.2649\text{E-}005$$

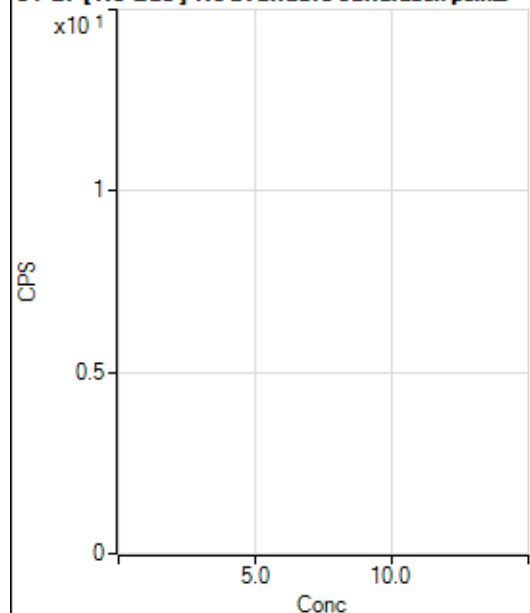
$$R = 0.9999$$

$$DL = 1.447$$

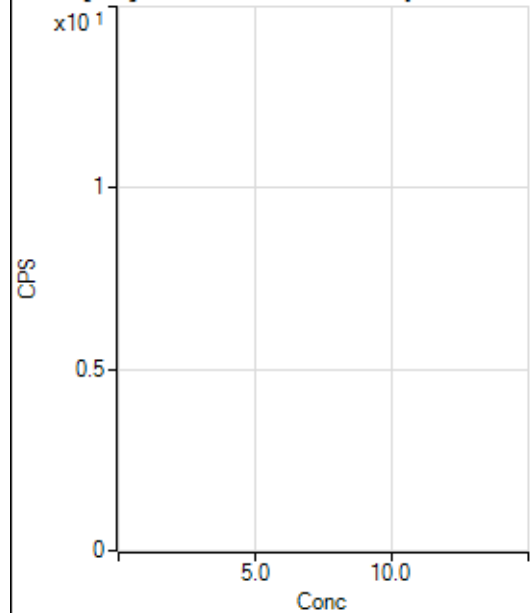
$$BEC = 1.692$$

Weight: <None>

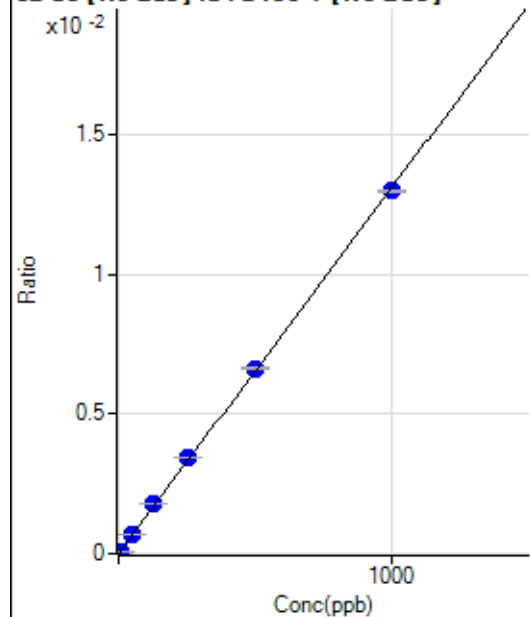
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69673.00		P	3.2
2	☐			71338.97		P	0.9
3	☐			68830.83		P	1.4
4	☐			66221.98		P	1.7
5	☐			65830.84		P	2.1
6	☐			65196.96		P	1.6
7	☐			66815.99		P	3.1
8	☐			63051.90		P	1.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			120.13		P	25.0
2	☐			66.74		P	45.8
3	☐			113.46		P	5.1
4	☐			80.08		P	33.1
5	☐			110.12		P	18.2
6	☐			60.06		P	16.7
7	☐			163.51		P	33.7
8	☐			113.45		P	41.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.16	0.0000	P	95.1
2	☐	5.000	5.526	2668.41	0.0001	P	4.5
3	☐	50.000	52.270	24404.81	0.0007	P	0.6
4	☐	125.000	135.232	61323.50	0.0018	P	0.8
5	☐	250.000	261.674	116323.03	0.0034	P	1.0
6	☐	500.000	506.271	226385.75	0.0066	P	0.7
7	☐	1000.000	992.551	453211.85	0.0130	P	0.7
8	☐			482.87	0.0000	P	7.0

$$y = 1.3074\text{E-}005 * x + 2.3948\text{E-}006$$

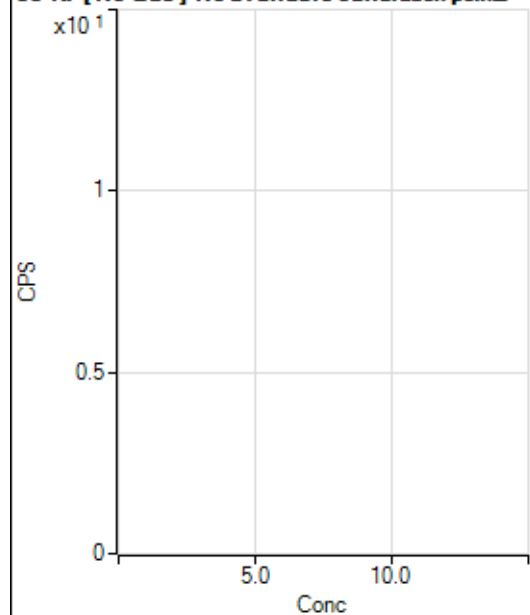
$$R = 0.9999$$

$$DL = 0.5227$$

$$BEC = 0.1832$$

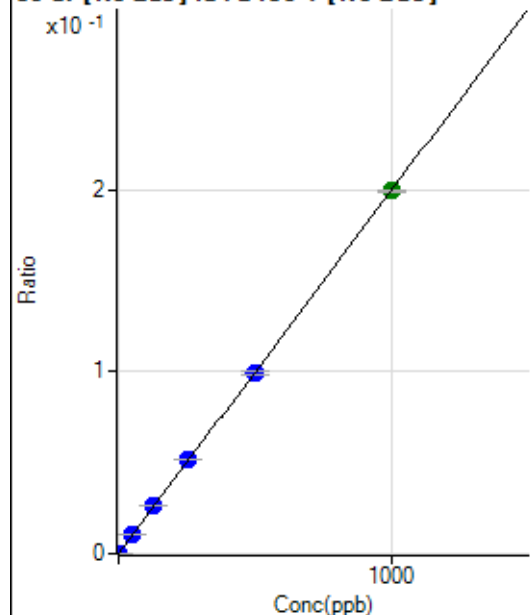
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			661.14		P	7.5
2	☐			712.25		P	3.1
3	☐			688.92		P	2.7
4	☐			676.70		P	9.1
5	☐			673.36		P	11.2
6	☐			642.25		P	2.0
7	☐			645.58		P	3.9
8	☐			723.36		P	7.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1122.32	0.0000	P	7.8
2	☐	1.000	1.030	8491.75	0.0002	P	0.9
3	☐	50.000	51.326	365636.56	0.0103	P	1.0
4	☐	125.000	133.426	923358.73	0.0267	P	0.4
5	☐	250.000	258.133	1751347.97	0.0515	P	0.3
6	☐	500.000	497.045	3392502.35	0.0992	P	2.6
7	☐	1000.000	998.325	6957677.58	0.1993	A	0.7
8	☐			14719.19	0.0005	P	3.2

$$y = 1.9956\text{E-}004 * x + 3.2045\text{E-}005$$

$$R = 0.9999$$

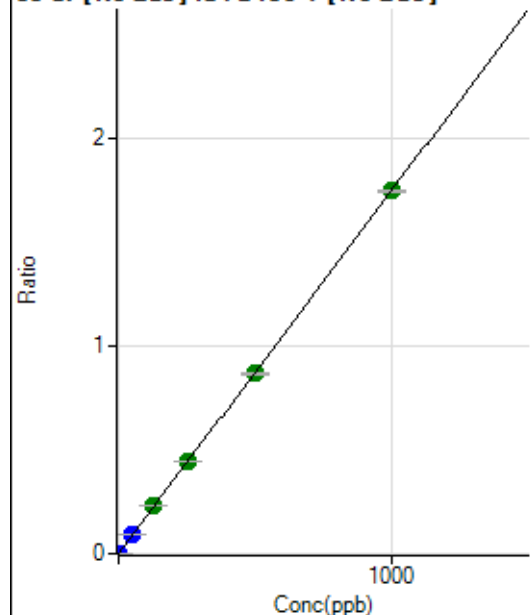
$$DL = 0.03779$$

$$BEC = 0.1606$$

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	188.90	0.0000	P	9.3
2	☐	1.000	1.023	64133.34	0.0018	P	1.4
3	☐	50.000	50.931	3168466.30	0.0890	P	0.9
4	☐	125.000	131.780	7979102.17	0.2304	A	0.3
5	☐	250.000	254.222	15099303.46	0.4444	A	0.3
6	☐	500.000	496.926	29698995.80	0.8687	A	0.7
7	☐	1000.000	999.588	61013342.34	1.7473	A	0.5
8	☐			118665.92	0.0037	P	0.7

$$y = 0.0017 * x + 5.3886\text{E-}006$$

$$R = 1.0000$$

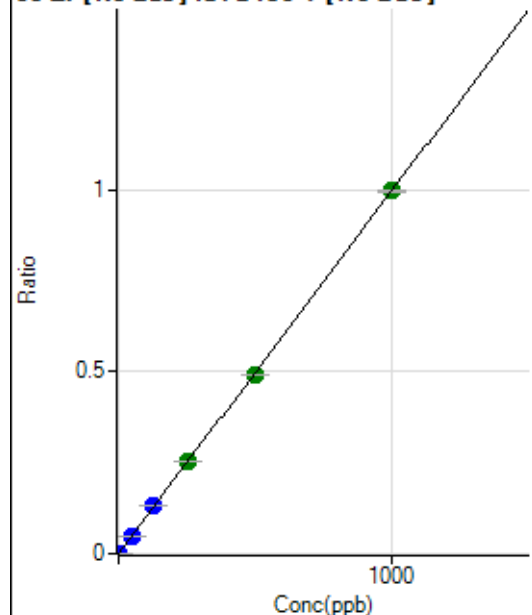
$$DL = 0.0008595$$

$$BEC = 0.003083$$

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	1839.10	0.0001	P	11.8
2	☐	1.000	0.796	30221.57	0.0008	P	3.5
3	☐	50.000	49.557	1758549.87	0.0494	P	0.8
4	☐	125.000	133.226	4598500.32	0.1328	P	0.5
5	☐	250.000	253.386	8577749.85	0.2525	A	0.1
6	☐	500.000	494.440	16840851.25	0.4926	A	0.2
7	☐	1000.000	1000.927	34816845.57	0.9971	A	0.8
8	☐			12678.34	0.0004	P	7.1

$$y = 9.9612\text{E-}004 * x + 5.2533\text{E-}005$$

$$R = 0.9999$$

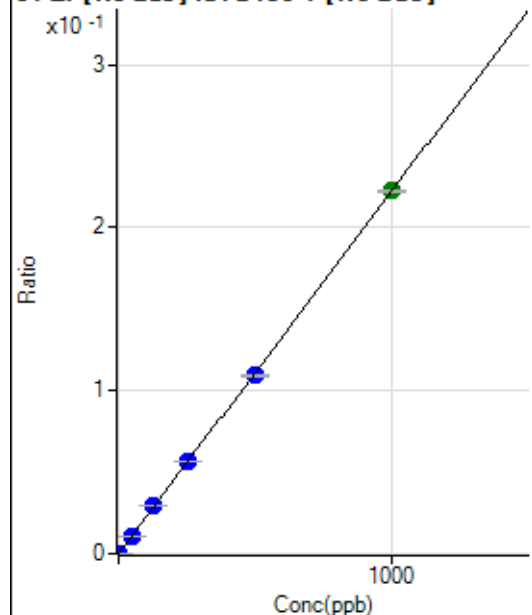
$$DL = 0.01873$$

$$BEC = 0.05274$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.02	0.0000	P	4.8
2	☐	1.000	0.796	6707.37	0.0002	P	2.1
3	☐	50.000	49.516	391908.30	0.0110	P	0.6
4	☐	125.000	133.393	1027004.21	0.0297	P	0.2
5	☐	250.000	254.960	1925217.21	0.0567	P	0.2
6	☐	500.000	492.051	3738353.68	0.1093	P	0.7
7	☐	1000.000	1001.710	7772343.40	0.2226	A	0.5
8	☐			2705.93	0.0001	P	1.9

$$y = 2.2220\text{E-}004 * x + 1.0708\text{E-}005$$

$$R = 0.9999$$

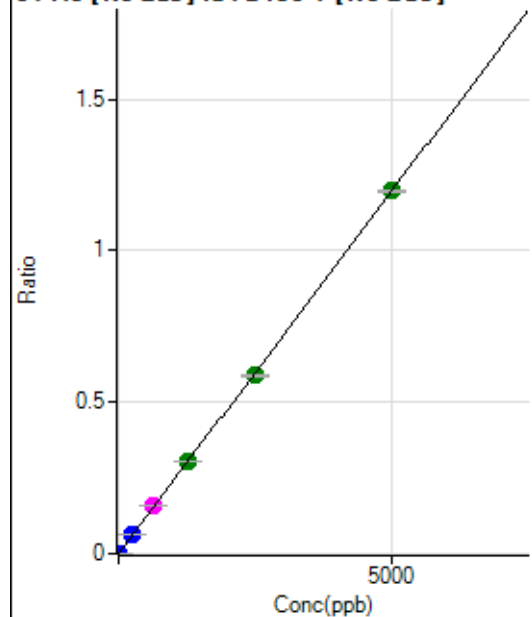
$$DL = 0.006984$$

$$BEC = 0.04819$$

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	591.71	0.0000	P	3.6
2	☐	5.000	4.947	42879.35	0.0012	P	1.3
3	☐	250.000	252.929	2152206.25	0.0605	P	0.3
4	☐	625.000	662.574	5486283.02	0.1584	M	1.4
5	☐	1250.000	1273.391	10343244.24	0.3044	A	0.3
6	☐	2500.000	2463.502	20134418.85	0.5889	A	0.7
7	☐	5000.000	5007.558	41799025.24	1.1971	A	0.8
8	☐			25935.60	0.0008	P	1.9

$$y = 2.3905E-004 * x + 1.6887E-005$$

$$R = 0.9999$$

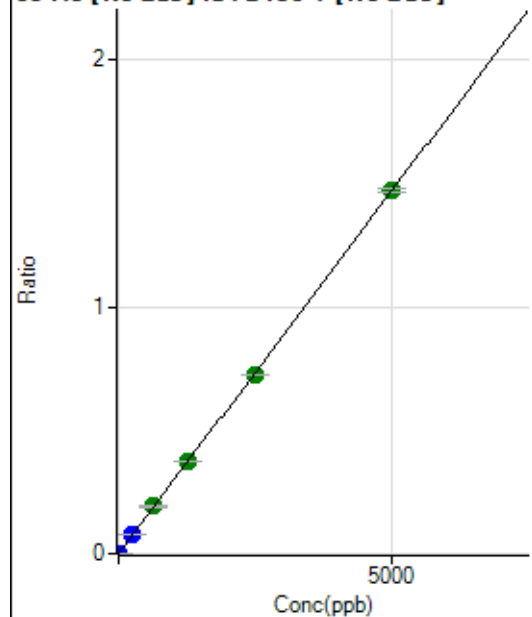
$$DL = 0.007568$$

$$BEC = 0.07064$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	13.0
2	☐	5.000	5.266	55431.18	0.0016	P	1.5
3	☐	250.000	253.708	2651914.60	0.0745	P	0.5
4	☐	625.000	651.594	6628797.24	0.1914	A	0.7
5	☐	1250.000	1274.161	12715553.67	0.3742	A	0.4
6	☐	2500.000	2470.013	24803363.40	0.7255	A	0.6
7	☐	5000.000	5005.443	51334966.42	1.4702	A	1.2
8	☐			35829.29	0.0011	P	1.6

$$y = 2.9371E-004 * x + 3.9612E-006$$

$$R = 0.9999$$

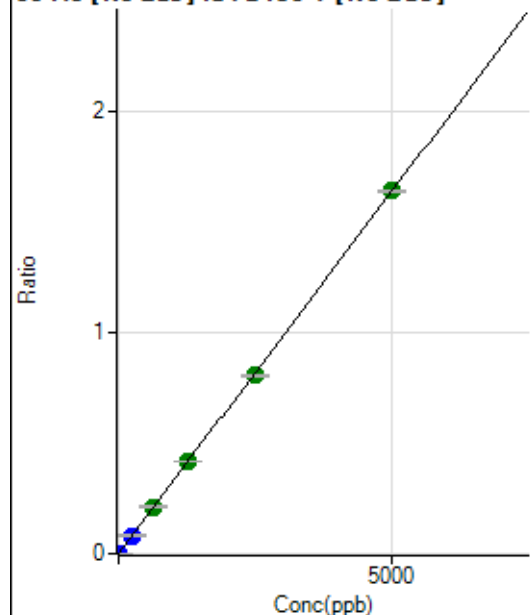
$$DL = 0.005256$$

$$BEC = 0.01349$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.58	0.0000	P	11.9
2	☐	5.000	5.131	60379.17	0.0017	P	2.1
3	☐	250.000	252.047	2934065.80	0.0824	P	0.4
4	☐	625.000	649.681	7360333.50	0.2125	A	1.2
5	☐	1250.000	1270.232	14116685.56	0.4155	A	0.1
6	☐	2500.000	2459.232	27500742.63	0.8044	A	0.6
7	☐	5000.000	5012.138	57243712.39	1.6394	A	0.3
8	☐			63743.34	0.0020	P	1.3

$$y = 3.2708\text{E-}004 * x + 1.0854\text{E-}005$$

$$R = 0.9999$$

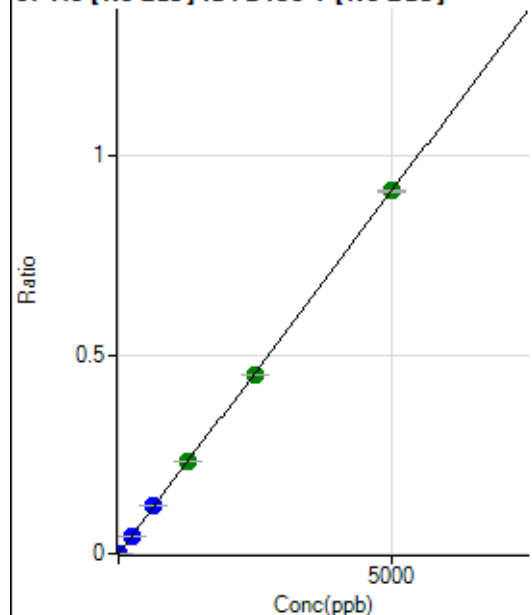
$$DL = 0.01187$$

$$BEC = 0.03319$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	9.5
2	☐	5.000	5.297	34684.78	0.0010	P	0.8
3	☐	250.000	250.981	1629565.79	0.0458	P	0.5
4	☐	625.000	657.923	4157540.93	0.1200	P	0.6
5	☐	1250.000	1278.486	7925069.19	0.2332	A	0.2
6	☐	2500.000	2470.086	15406956.07	0.4506	A	0.4
7	☐	5000.000	5003.671	31875201.06	0.9129	A	0.4
8	☐			22168.02	0.0007	P	1.9

$$y = 1.8244\text{E-}004 * x + 3.9657\text{E-}006$$

$$R = 0.9999$$

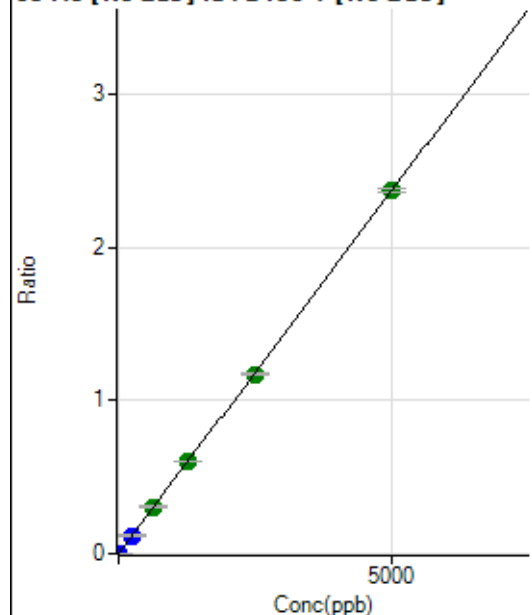
$$DL = 0.006217$$

$$BEC = 0.02174$$

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	233.34	0.0000	P	22.8
2	☐	5.000	5.192	88050.36	0.0025	P	2.0
3	☐	250.000	251.801	4239709.69	0.1191	P	0.1
4	☐	625.000	649.271	10640070.20	0.3072	A	0.4
5	☐	1250.000	1277.455	20535935.18	0.6044	A	0.4
6	☐	2500.000	2476.805	40064813.74	1.1718	A	0.2
7	☐	5000.000	5001.610	82629508.10	2.3664	A	1.1
8	☐			55520.47	0.0017	P	2.8

$$y = 4.7312\text{E-}004 * x + 6.6658\text{E-}006$$

$$R = 1.0000$$

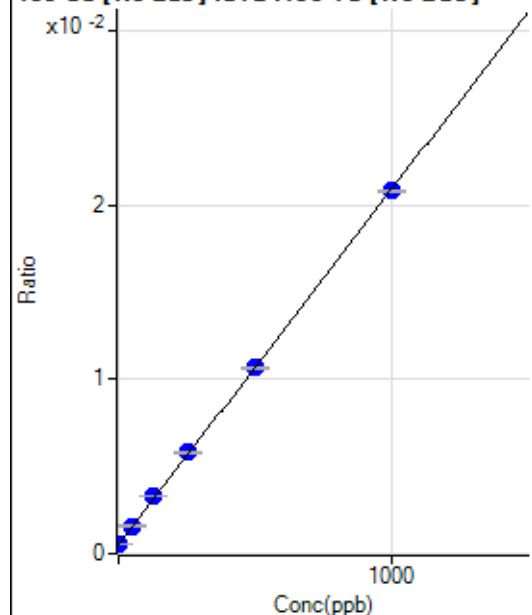
$$DL = 0.009656$$

$$BEC = 0.01409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15984.75	0.0005	P	2.4
2	☐	1.000	0.934	16933.03	0.0005	P	2.8
3	☐	50.000	52.635	50836.79	0.0016	P	3.4
4	☐	125.000	137.082	105136.86	0.0033	P	1.0
5	☐	250.000	259.727	184247.19	0.0058	P	1.5
6	☐	500.000	499.574	338182.68	0.0107	P	0.9
7	☐	1000.000	996.140	674439.63	0.0208	P	0.6
8	☐			14936.26	0.0005	P	5.6

$$y = 2.0367\text{E-}005 * x + 5.0932\text{E-}004$$

$$R = 0.9999$$

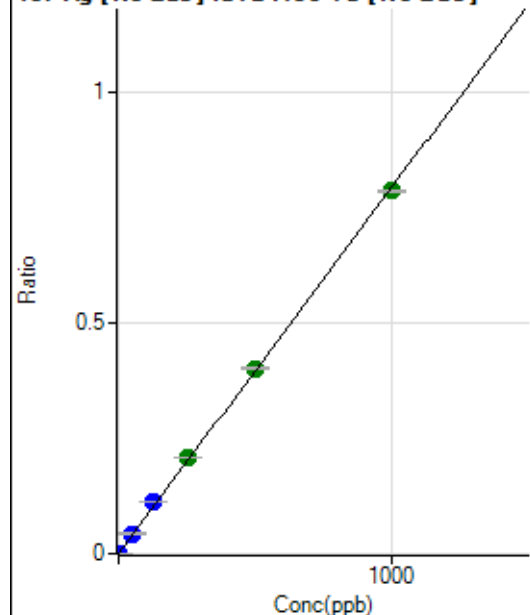
$$DL = 1.779$$

$$BEC = 25.01$$

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	336.13	0.0000	P	16.9
2	☐	1.000	1.163	29902.08	0.0009	P	2.0
3	☐	50.000	55.078	1405020.39	0.0437	P	0.4
4	☐	125.000	139.716	3529560.02	0.1108	P	0.4
5	☐	250.000	262.701	6620767.68	0.2084	A	1.6
6	☐	500.000	506.491	12717069.12	0.4018	A	0.6
7	☐	1000.000	991.486	25504235.12	0.7865	A	0.4
8	☐			6843.63	0.0002	P	2.8

$$y = 7.9323\text{E-}004 * x + 1.0718\text{E-}005$$

$$R = 0.9998$$

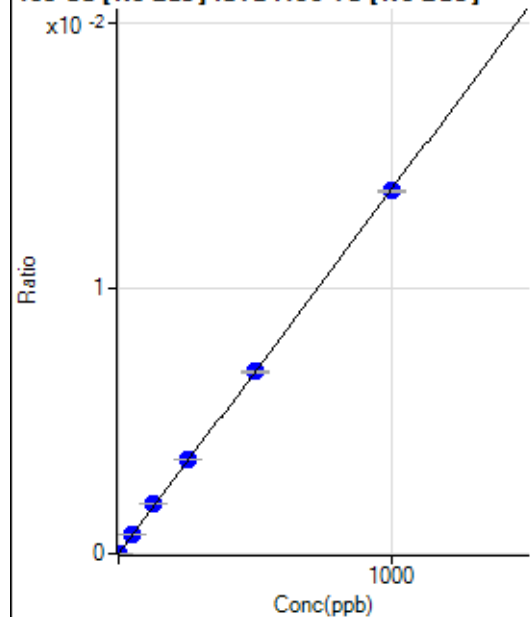
$$DL = 0.00685$$

$$BEC = 0.01351$$

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	38.89	0.0000	P	31.8
2	☐	1.000	1.045	500.02	0.0000	P	9.3
3	☐	50.000	53.602	23729.92	0.0007	P	1.9
4	☐	125.000	136.791	59925.05	0.0019	P	0.7
5	☐	250.000	258.692	113026.08	0.0036	P	1.2
6	☐	500.000	499.968	217586.55	0.0069	P	1.1
7	☐	1000.000	996.189	444142.58	0.0137	P	0.6
8	☐			186.12	0.0000	P	28.4

$$y = 1.3747\text{E-}005 * x + 1.2364\text{E-}006$$

$$R = 0.9999$$

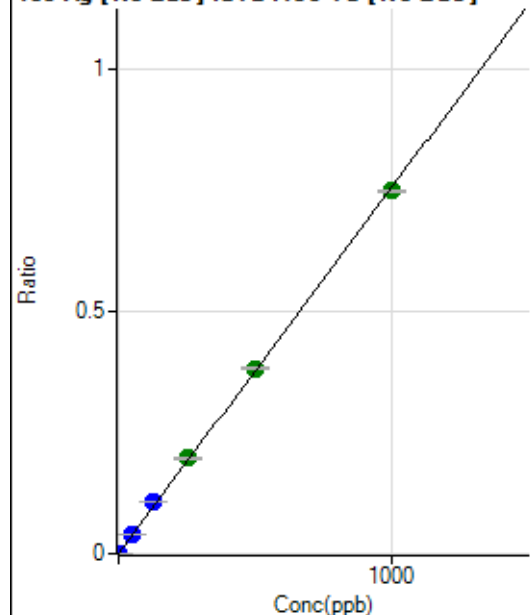
$$DL = 0.08592$$

$$BEC = 0.08994$$

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	138.90	0.0000	P	22.1
2	☐	1.000	1.148	27964.78	0.0009	P	0.8
3	☐	50.000	54.823	1333334.72	0.0415	P	1.1
4	☐	125.000	140.288	3379264.81	0.1061	P	0.4
5	☐	250.000	261.458	6283221.93	0.1978	A	1.3
6	☐	500.000	506.832	12134501.75	0.3834	A	0.5
7	☐	1000.000	991.567	24321622.77	0.7500	A	0.5
8	☐			6057.10	0.0002	P	2.8

$$y = 7.5638\text{E-}004 * x + 4.4329\text{E-}006$$

$$R = 0.9998$$

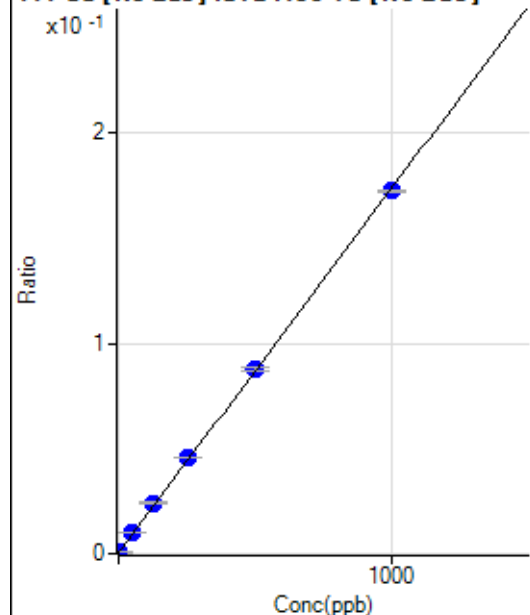
$$DL = 0.003883$$

$$BEC = 0.005861$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11223.22	0.0004	P	2.4
2	☐	1.000	1.072	17408.62	0.0005	P	1.8
3	☐	50.000	53.672	310336.74	0.0097	P	0.9
4	☐	125.000	137.574	770037.11	0.0242	P	1.2
5	☐	250.000	260.353	1443885.81	0.0454	P	0.6
6	☐	500.000	504.316	2775809.22	0.0877	P	1.3
7	☐	1000.000	993.498	5591018.82	0.1724	P	0.5
8	☐			11630.75	0.0004	P	5.1

$$y = 1.7318\text{E-}004 * x + 3.5761\text{E-}004$$

$$R = 0.9999$$

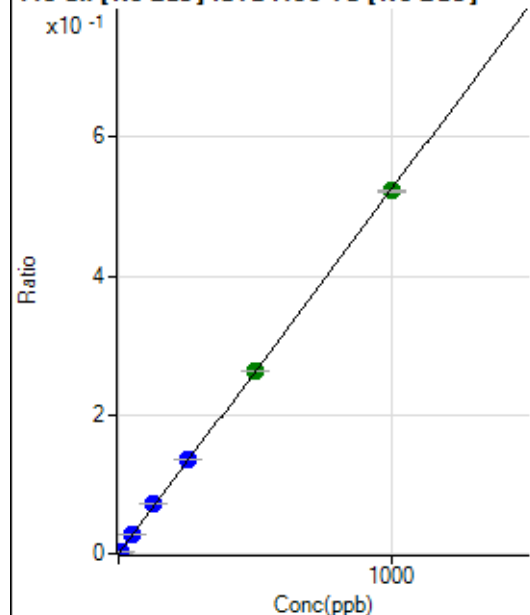
$$DL = 0.1474$$

$$BEC = 2.065$$

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	1500.15	0.0000	P	14.4
2	☐	5.000	5.289	90524.52	0.0028	P	0.2
3	☐	50.000	52.104	881009.73	0.0274	P	1.0
4	☐	125.000	135.846	2272570.52	0.0714	P	0.8
5	☐	250.000	258.135	4307218.07	0.1356	P	1.1
6	☐	500.000	501.489	8334973.19	0.2633	A	0.9
7	☐	1000.000	995.759	16954437.01	0.5228	A	0.8
8	☐			33632.99	0.0012	P	3.4

$$y = 5.2500\text{E-}004 * x + 4.7804\text{E-}005$$

$$R = 0.9999$$

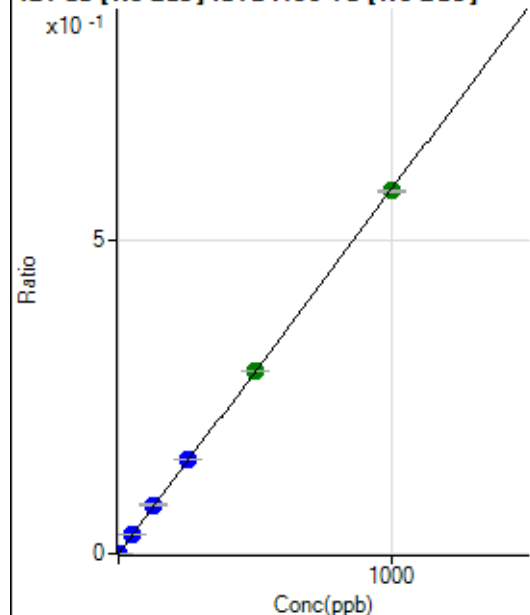
$$DL = 0.03944$$

$$BEC = 0.09106$$

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	127.78	0.0000	P	6.5
2	☐	2.000	2.001	37411.84	0.0012	P	0.9
3	☐	50.000	51.607	964679.08	0.0300	P	0.5
4	☐	125.000	134.381	2487776.99	0.0781	P	0.5
5	☐	250.000	257.405	4754226.23	0.1496	P	1.0
6	☐	500.000	501.960	9236331.02	0.2918	A	0.6
7	☐	1000.000	995.916	18774609.97	0.5790	A	0.7
8	☐			28847.46	0.0010	P	6.7

$$y = 5.8132\text{E-}004 * x + 4.0702\text{E-}006$$

$$R = 0.9999$$

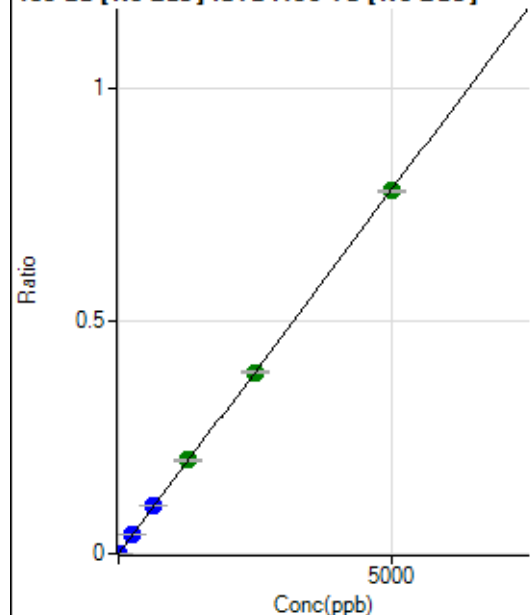
$$DL = 0.001368$$

$$BEC = 0.007002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	36.3
2	☐	10.000	10.316	51886.64	0.0016	P	1.1
3	☐	250.000	261.053	1314845.39	0.0409	P	0.9
4	☐	625.000	671.444	3349413.14	0.1052	P	0.5
5	☐	1250.000	1282.622	6383351.92	0.2009	A	1.0
6	☐	2500.000	2497.656	12383738.82	0.3912	A	0.3
7	☐	5000.000	4986.658	25330649.00	0.7811	A	0.5
8	☐			43778.17	0.0016	P	0.3

$$y = 1.5664\text{E-}004 * x + 3.1029\text{E-}006$$

$$R = 0.9999$$

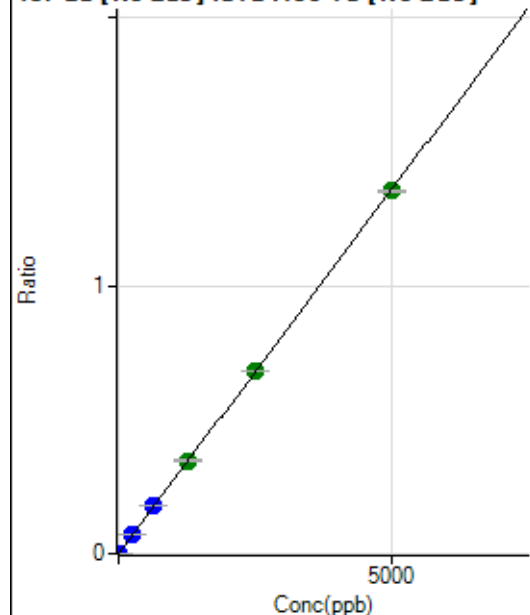
$$DL = 0.02155$$

$$BEC = 0.01981$$

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	122.23	0.0000	P	36.8
2	☐	10.000	10.452	91062.65	0.0028	P	0.8
3	☐	250.000	260.133	2270398.71	0.0706	P	1.2
4	☐	625.000	669.323	5786026.13	0.1817	P	0.8
5	☐	1250.000	1280.228	11041399.03	0.3475	A	1.0
6	☐	2500.000	2503.001	21506450.14	0.6795	A	0.2
7	☐	5000.000	4984.895	43880584.31	1.3532	A	0.3
8	☐			75720.46	0.0027	P	0.6

$$y = 2.7145\text{E-}004 * x + 3.8887\text{E-}006$$

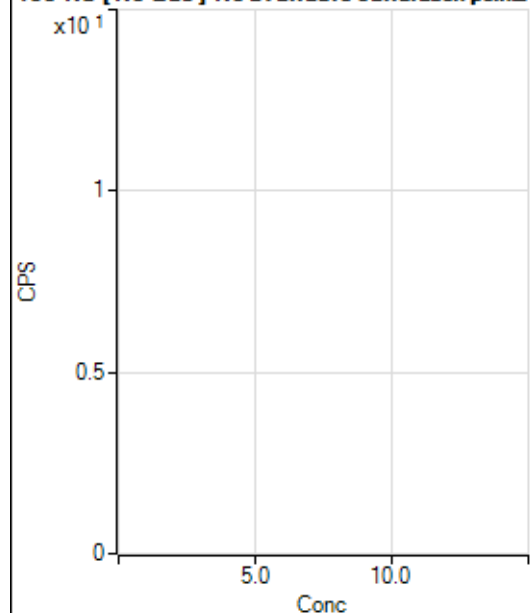
$$R = 1.0000$$

$$DL = 0.0158$$

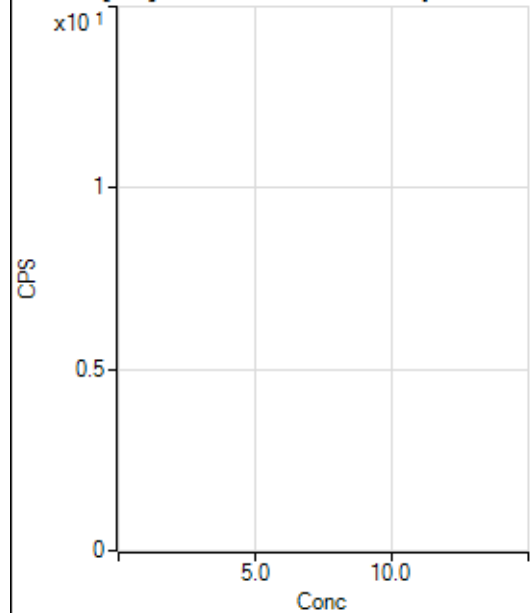
$$BEC = 0.01433$$

Weight: <None>

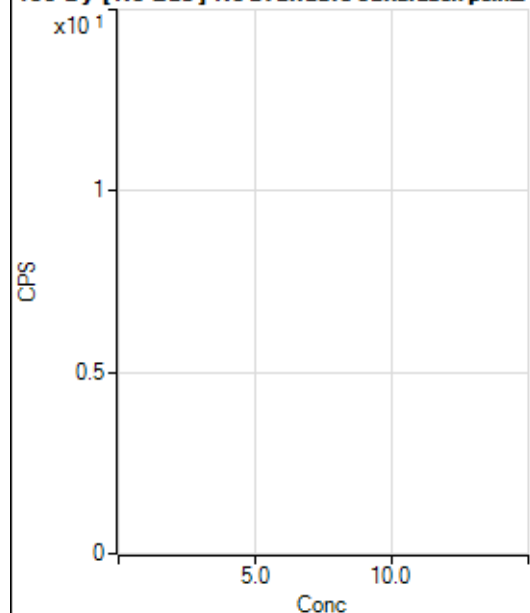
Min Conc: 0

150 Nd [No Gas] No available calibration points

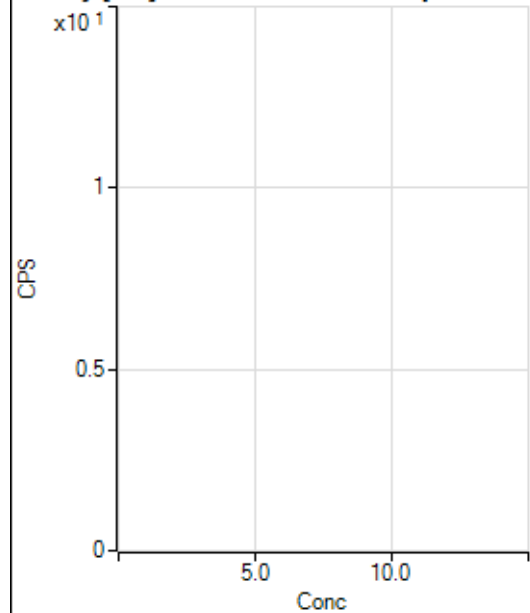
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			13.33		P	100.
3	☐			171.12		P	9.8
4	☐			457.80		P	9.4
5	☐			773.38		P	7.4
6	☐			1333.44		P	8.3
7	☐			2653.68		P	7.4
8	☐			275.57		P	7.4

150 Nd [He] No available calibration points

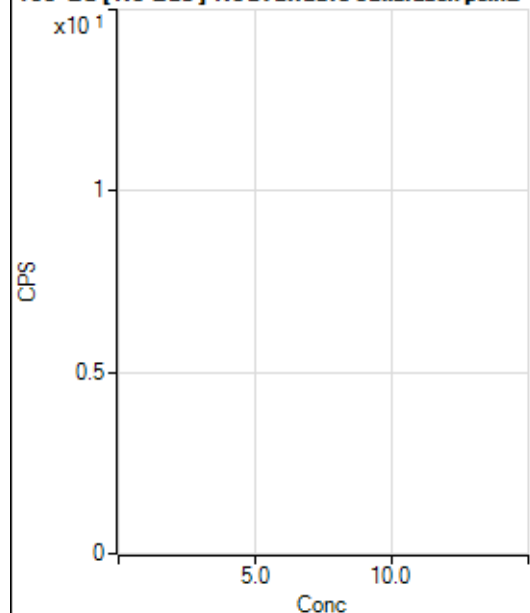
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	124.
2	☐			3.33		P	100.
3	☐			13.33		P	75.0
4	☐			41.11		P	16.9
5	☐			93.34		P	18.6
6	☐			125.56		P	4.1
7	☐			194.45		P	14.0
8	☐			84.45		P	4.6

156 Dy [No Gas] No available calibration points

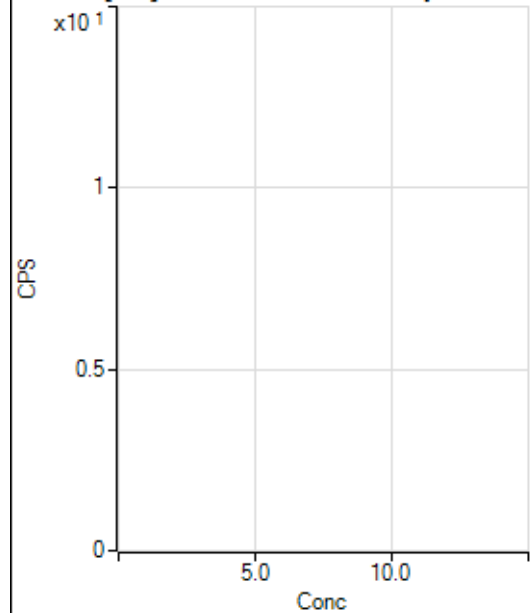
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	10.8
2	☐			33.33		P	25.0
3	☐			88.89		P	14.3
4	☐			194.45		P	4.9
5	☐			219.46		P	20.9
6	☐			308.35		P	4.7
7	☐			666.71		P	2.5
8	☐			1261.23		P	9.6

156 Dy [He] No available calibration points

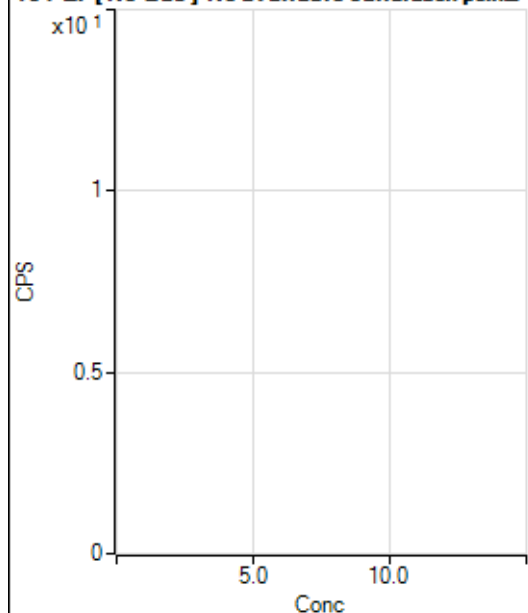
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	31.2
2	☐			18.89		P	20.4
3	☐			48.89		P	35.0
4	☐			96.67		P	12.4
5	☐			183.34		P	25.8
6	☐			302.23		P	3.2
7	☐			556.69		P	4.3
8	☐			623.36		P	7.6

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

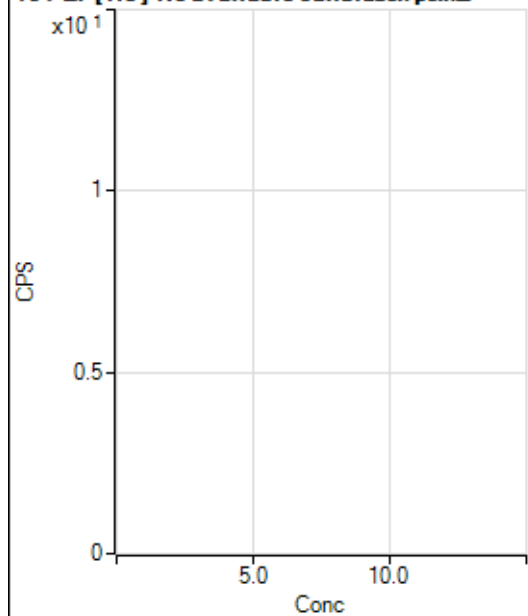
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			238.90		P	17.2
2	☐			269.46		P	8.9
3	☐			255.57		P	19.7
4	☐			305.57		P	21.2
5	☐			380.58		P	5.5
6	☐			344.46		P	15.6
7	☐			411.14		P	18.4
8	☐			1552.94		P	4.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			486.68		P	3.8
2	☐			484.46		P	1.7
3	☐			480.02		P	7.7
4	☐			504.46		P	5.5
5	☐			537.80		P	5.6
6	☐			566.69		P	4.2
7	☐			586.69		P	7.4
8	☐			1102.29		P	0.9

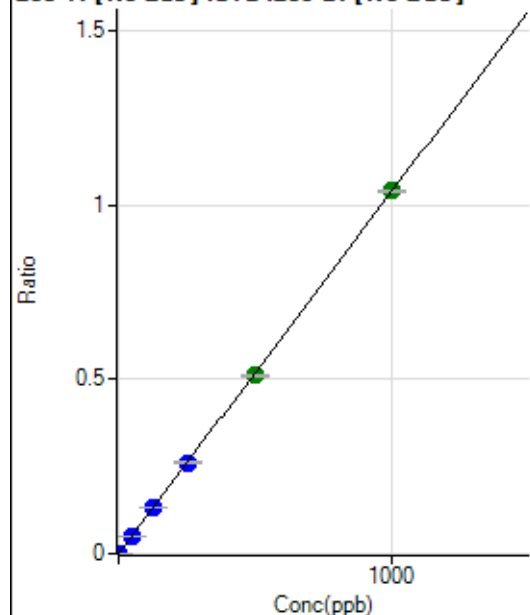
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	16.7
2	☐			177.79		P	10.8
3	☐			133.34		P	16.5
4	☐			197.23		P	42.3
5	☐			175.01		P	20.8
6	☐			205.57		P	16.4
7	☐			227.79		P	9.2
8	☐			261.13		P	25.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	4.9
2	☐			74.45		P	20.2
3	☐			68.89		P	10.1
4	☐			86.67		P	10.2
5	☐			88.89		P	12.1
6	☐			107.78		P	25.9
7	☐			94.45		P	7.3
8	☐			164.45		P	7.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.17	0.0000	P	3.2
2	☐	1.000	0.984	20405.32	0.0011	P	0.4
3	☐	50.000	49.192	976422.51	0.0511	P	1.2
4	☐	125.000	129.003	2511174.25	0.1339	P	1.1
5	☐	250.000	252.398	4840622.24	0.2620	P	1.5
6	☐	500.000	492.039	9239444.04	0.5106	A	1.0
7	☐	1000.000	1002.921	18548864.83	1.0408	A	0.5
8	☐			5648.64	0.0004	P	6.4

$$y = 0.0010 * x + 4.5465E-005$$

$$R = 0.9999$$

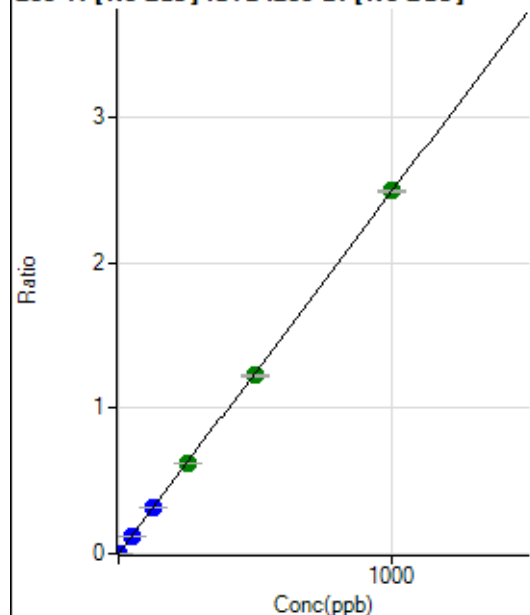
$$DL = 0.00425$$

$$BEC = 0.04381$$

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	1708.53	0.0001	P	4.0
2	☐	1.000	0.971	47996.23	0.0025	P	2.3
3	☐	50.000	49.260	2344488.57	0.1227	P	0.7
4	☐	125.000	129.093	6025851.61	0.3213	P	0.5
5	☐	250.000	250.225	11507843.75	0.6228	A	1.1
6	☐	500.000	492.774	22189706.75	1.2263	A	0.8
7	☐	1000.000	1003.082	44488191.97	2.4962	A	0.3
8	☐			13173.75	0.0009	P	1.3

$$y = 0.0025 * x + 9.2829E-005$$

$$R = 1.0000$$

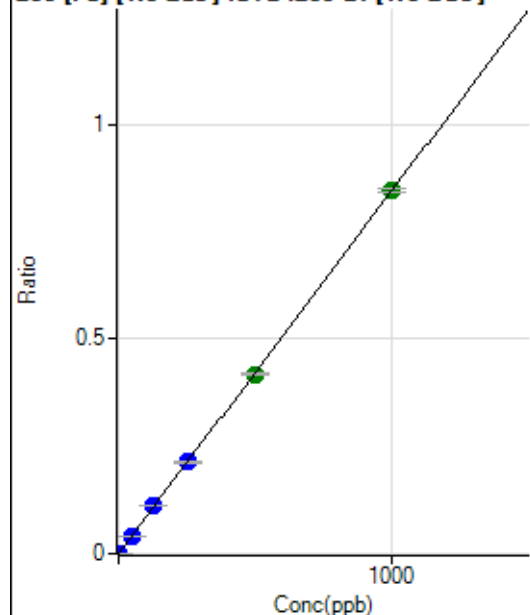
$$DL = 0.004482$$

$$BEC = 0.0373$$

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	2203.96	0.0001	P	3.4
2	☐	1.000	0.960	17782.71	0.0009	P	0.6
3	☐	50.000	49.421	799058.09	0.0418	P	0.4
4	☐	125.000	130.941	2073713.59	0.1106	P	0.9
5	☐	250.000	252.205	3933740.02	0.2129	P	1.6
6	☐	500.000	495.516	7565717.99	0.4181	A	0.8
7	☐	1000.000	1000.977	15050690.61	0.8445	A	1.2
8	☐			62816.52	0.0044	P	0.6

$$y = 8.4359\text{E-}004 * x + 1.1980\text{E-}004$$

$$R = 1.0000$$

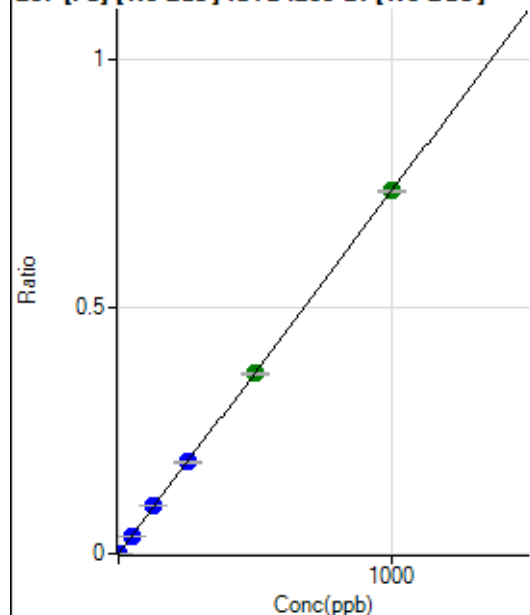
$$DL = 0.01451$$

$$BEC = 0.142$$

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	1940.94	0.0001	P	3.9
2	☐	1.000	0.954	15411.18	0.0008	P	0.7
3	☐	50.000	49.395	694781.87	0.0364	P	0.7
4	☐	125.000	130.111	1792485.73	0.0956	P	0.4
5	☐	250.000	252.191	3421782.83	0.1852	P	0.9
6	☐	500.000	496.256	6591386.60	0.3643	A	0.5
7	☐	1000.000	1000.716	13089439.41	0.7345	A	0.8
8	☐			55410.22	0.0039	P	2.0

$$y = 7.3384\text{E-}004 * x + 1.0554\text{E-}004$$

$$R = 1.0000$$

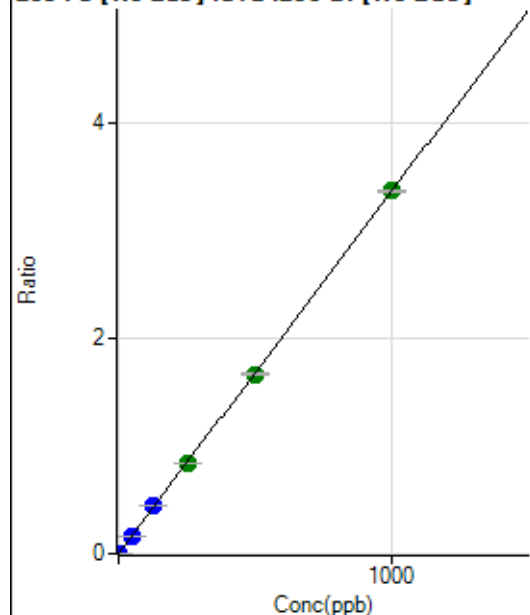
$$DL = 0.01702$$

$$BEC = 0.1438$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8088.19	0.0004	P	1.3
2	☐	1.000	0.960	70190.36	0.0037	P	1.3
3	☐	50.000	49.530	3191286.38	0.1670	P	0.3
4	☐	125.000	130.704	8249823.41	0.4399	P	0.7
5	☐	250.000	250.603	15579051.62	0.8431	A	0.7
6	☐	500.000	494.932	30120101.94	1.6646	A	0.6
7	☐	1000.000	1001.694	60034102.03	3.3686	A	0.6
8	☐			251685.21	0.0178	P	0.4

$$y = 0.0034 * x + 4.3966E-004$$

R = 1.0000

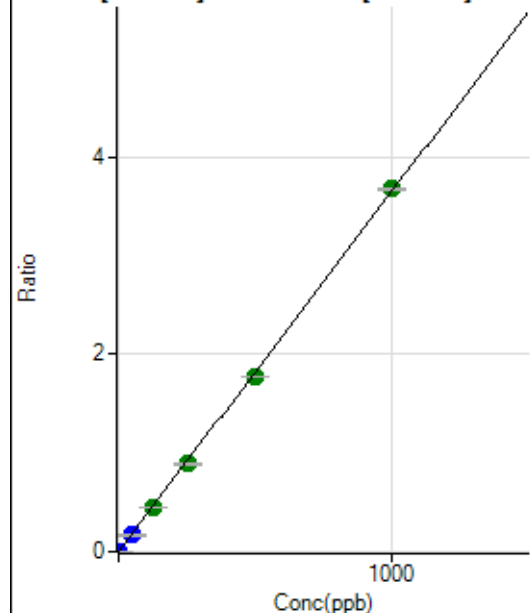
DL = 0.005189

BEC = 0.1308

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1766.84	0.0001	P	3.5
2	☐	1.000	0.674	48834.44	0.0026	P	2.9
3	☐	50.000	45.639	3181739.48	0.1665	P	1.4
4	☐	125.000	122.622	8384845.79	0.4472	A	0.7
5	☐	250.000	243.731	16421897.47	0.8887	A	0.7
6	☐	500.000	487.203	32142655.81	1.7764	A	0.4
7	☐	1000.000	1008.481	65529427.85	3.6769	A	0.4
8	☐			18038.78	0.0013	P	7.6

$$y = 0.0036 * x + 9.6015E-005$$

R = 0.9999

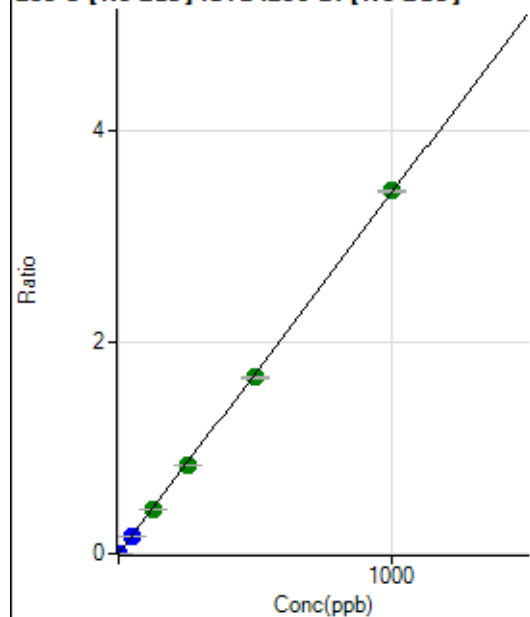
DL = 0.002749

BEC = 0.02634

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	2133.60	0.0001	P	4.5
2	☐	1.000	0.892	60417.85	0.0032	P	0.3
3	☐	50.000	47.059	3069858.79	0.1606	P	1.0
4	☐	125.000	123.588	7907287.07	0.4217	A	0.8
5	☐	250.000	245.585	15481050.26	0.8378	A	1.1
6	☐	500.000	489.723	30227511.79	1.6706	A	0.8
7	☐	1000.000	1006.566	61193995.46	3.4335	A	0.4
8	☐			11580.66	0.0008	P	0.6

$$y = 0.0034 * x + 1.1592E-004$$

$$R = 0.9999$$

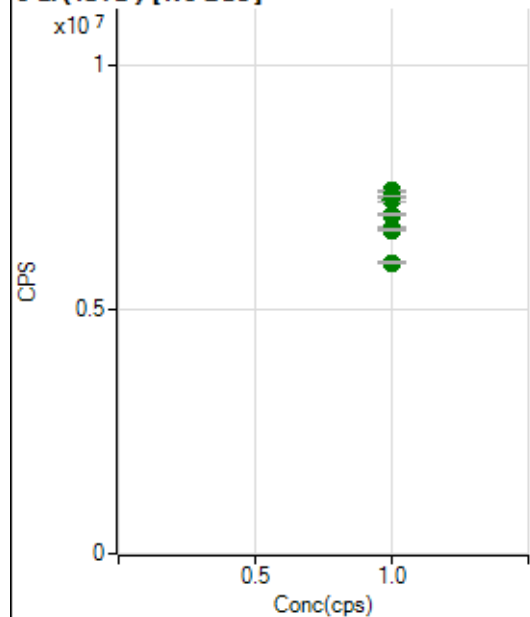
$$DL = 0.004568$$

$$BEC = 0.03398$$

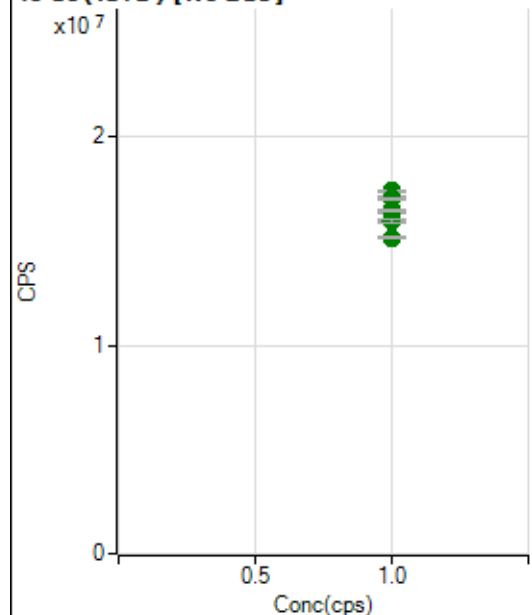
Weight: <None>

Min Conc: 0

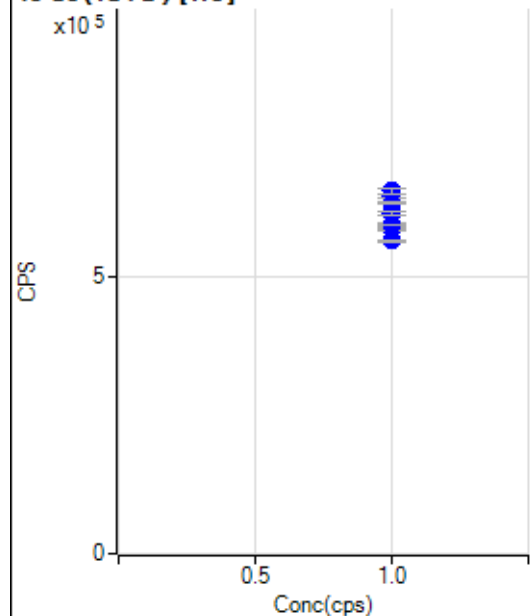
6 Li (ISTD) [No Gas]



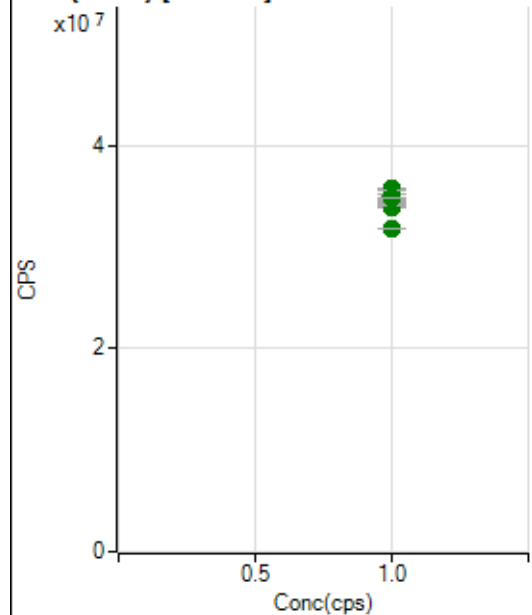
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7241949.48		A	0.8
2	☐	1.000		7427242.46		A	0.6
3	☐	1.000		7316347.81		A	0.3
4	☐	1.000		6942749.20		A	0.5
5	☐	1.000		6666509.20		A	0.6
6	☐	1.000		6618902.40		A	0.2
7	☐	1.000		6640625.11		A	0.4
8	☐	1.000		5963144.77		A	0.4

45 Sc (ISTD) [No Gas]

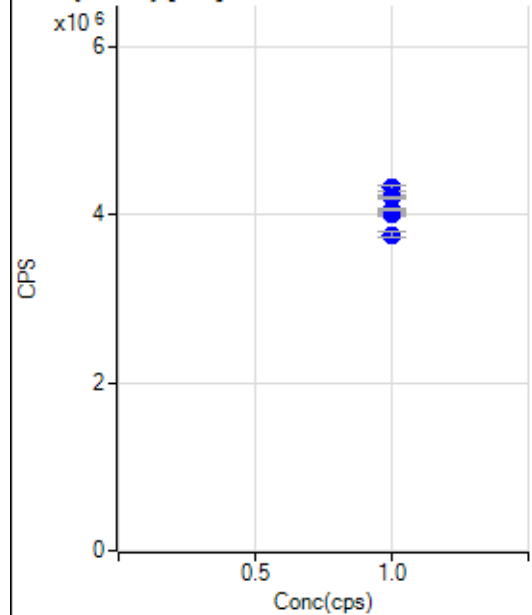
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17057164.96		A	1.2
2	☐	1.000		17417073.48		A	0.2
3	☐	1.000		17042458.89		A	0.4
4	☐	1.000		16407441.51		A	0.4
5	☐	1.000		15977457.65		A	0.6
6	☐	1.000		15963324.66		A	1.0
7	☐	1.000		16491035.96		A	0.5
8	☐	1.000		15171779.68		A	0.3

45 Sc (ISTD) [He]

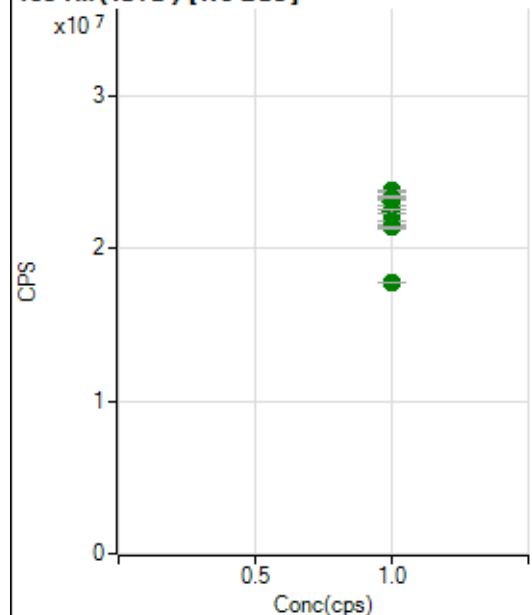
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		647297.08		P	1.0
2	☐	1.000		656391.33		P	1.5
3	☐	1.000		634903.88		P	0.9
4	☐	1.000		594724.25		P	1.3
5	☐	1.000		586425.36		P	0.3
6	☐	1.000		594177.03		P	0.2
7	☐	1.000		616108.38		P	0.7
8	☐	1.000		565945.11		P	0.5

89 Y (ISTD) [No Gas]

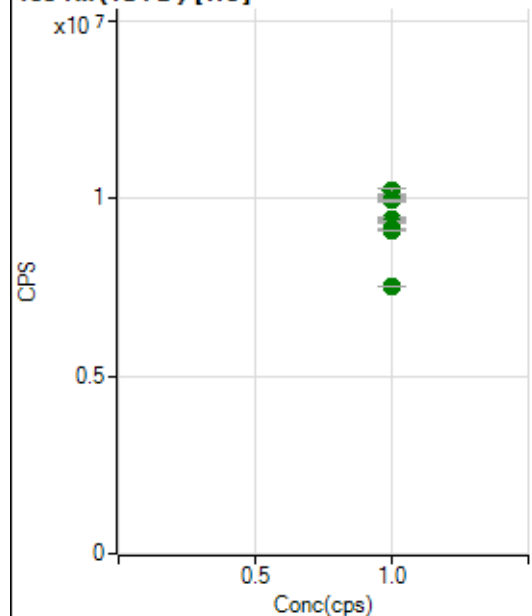
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		35035115.03		A	1.0
2	☐	1.000		35747476.97		A	0.4
3	☐	1.000		35586143.91		A	0.2
4	☐	1.000		34636989.48		A	0.7
5	☐	1.000		33977201.71		A	0.2
6	☐	1.000		34189574.21		A	0.4
7	☐	1.000		34918114.76		A	0.0
8	☐	1.000		31832622.02		A	0.4

89 Y (ISTD) [He]

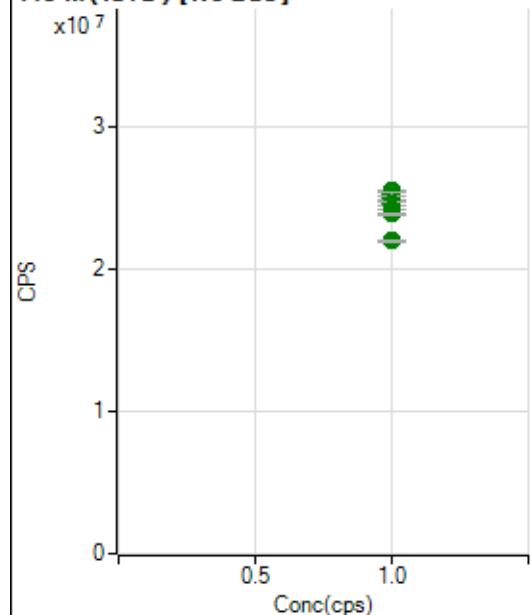
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4223958.72		P	0.7
2	☐	1.000		4317630.18		P	1.4
3	☐	1.000		4204462.44		P	0.3
4	☐	1.000		4028957.82		P	0.9
5	☐	1.000		3999572.37		P	1.0
6	☐	1.000		4004469.70		P	0.3
7	☐	1.000		4061419.73		P	0.2
8	☐	1.000		3760084.60		P	1.5

103 Rh (ISTD) [No Gas]

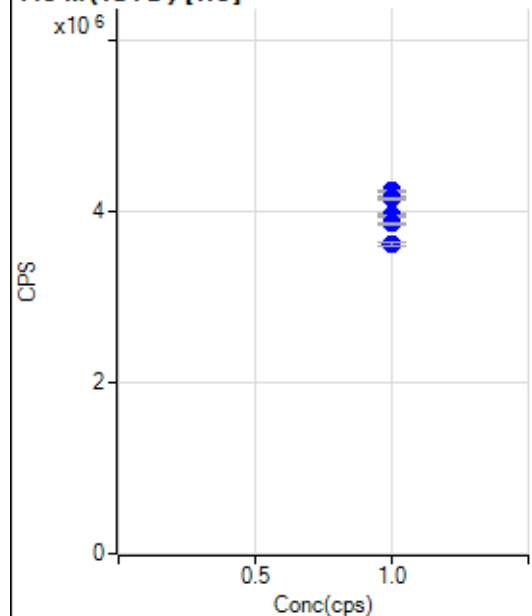
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23045071.87		A	1.8
2	☐	1.000		23788274.14		A	0.2
3	☐	1.000		23348976.74		A	0.5
4	☐	1.000		22459989.74		A	1.3
5	☐	1.000		21849756.22		A	0.1
6	☐	1.000		21449582.60		A	0.9
7	☐	1.000		21399742.66		A	0.6
8	☐	1.000		17778049.35		A	0.2

103 Rh (ISTD) [He]

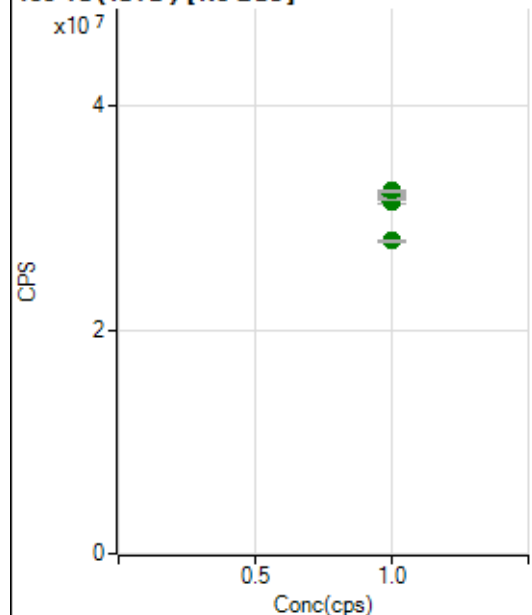
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10063913.95		A	0.5
2	☐	1.000		10225749.08		A	1.3
3	☐	1.000		9948144.02		A	0.4
4	☐	1.000		9440509.93		A	0.4
5	☐	1.000		9342067.43		A	0.6
6	☐	1.000		9140708.13		A	0.2
7	☐	1.000		9115012.99		A	0.3
8	☐	1.000		7532240.65		A	0.6

115 In (ISTD) [No Gas]

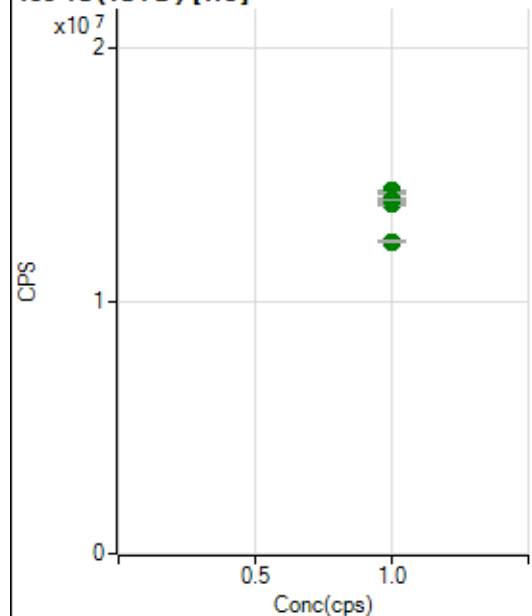
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24945037.51		A	1.3
2	☐	1.000		25461287.34		A	0.3
3	☐	1.000		25224875.01		A	1.0
4	☐	1.000		24536931.96		A	0.9
5	☐	1.000		24171468.94		A	0.4
6	☐	1.000		23915391.94		A	0.2
7	☐	1.000		23863615.45		A	0.8
8	☐	1.000		21978357.82		A	0.5

115 In (ISTD) [He]

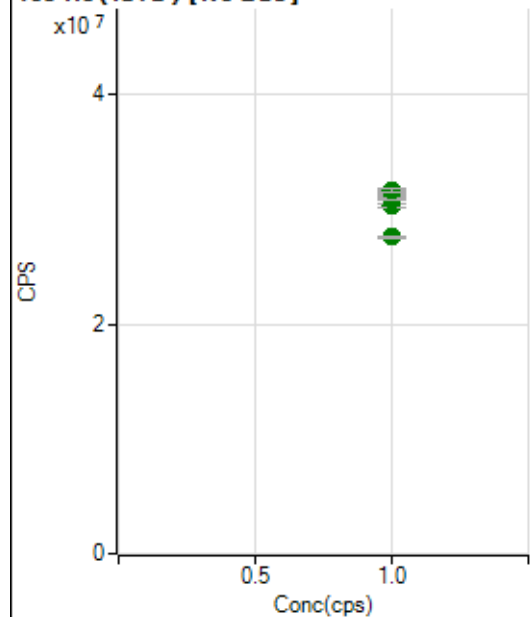
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4160347.67		P	0.8
2	☐	1.000		4240159.05		P	0.9
3	☐	1.000		4149525.53		P	0.5
4	☐	1.000		3966289.84		P	0.7
5	☐	1.000		3937604.39		P	0.4
6	☐	1.000		3859440.21		P	0.3
7	☐	1.000		3861711.27		P	0.6
8	☐	1.000		3614660.73		P	1.1

159 Tb (ISTD) [No Gas]

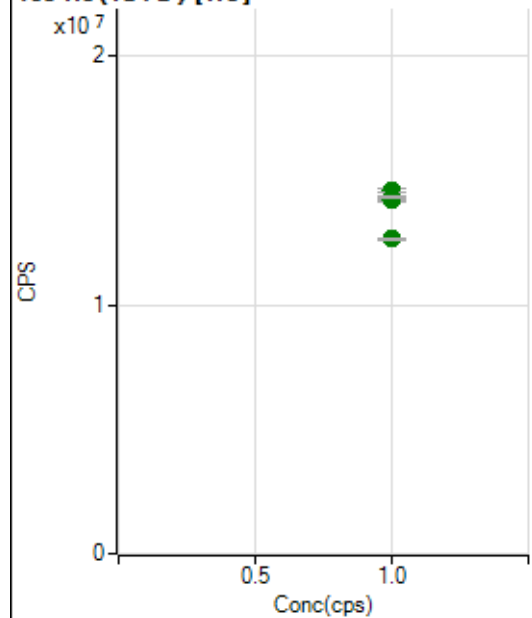
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31380645.09		A	1.1
2	☐	1.000		32050007.02		A	0.7
3	☐	1.000		32151884.52		A	0.6
4	☐	1.000		31845010.64		A	1.1
5	☐	1.000		31772329.80		A	0.5
6	☐	1.000		31652713.98		A	0.4
7	☐	1.000		32428191.74		A	0.3
8	☐	1.000		27990994.03		A	0.6

159 Tb (ISTD) [He]

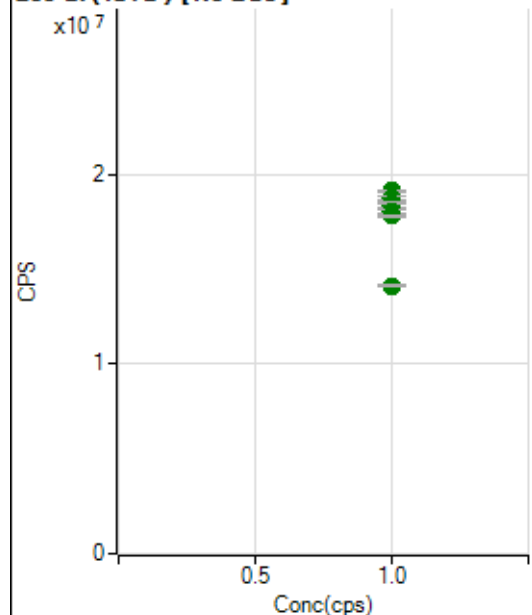
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14017415.76		A	0.7
2	☐	1.000		14370524.09		A	0.5
3	☐	1.000		14310506.31		A	0.5
4	☐	1.000		13988301.04		A	1.0
5	☐	1.000		13927490.90		A	0.3
6	☐	1.000		13848082.57		A	0.5
7	☐	1.000		14040514.09		A	0.1
8	☐	1.000		12370730.65		A	0.4

165 Ho (ISTD) [No Gas]

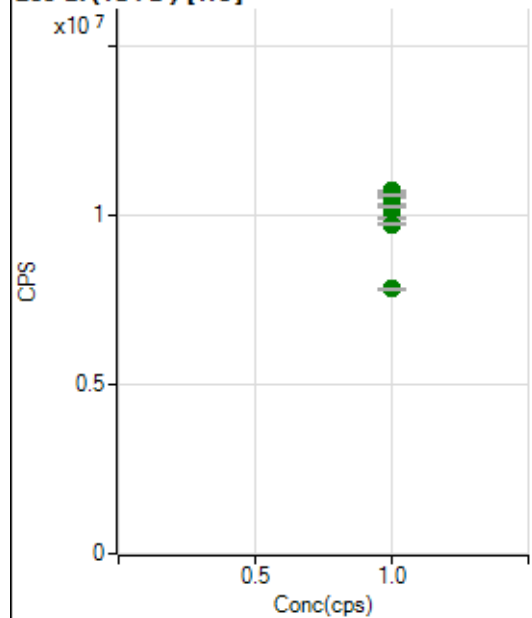
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30373306.93		A	1.1
2	☐	1.000		31582132.65		A	0.5
3	☐	1.000		31440665.28		A	0.2
4	☐	1.000		31104901.74		A	0.9
5	☐	1.000		31052134.72		A	1.0
6	☐	1.000		30865304.51		A	0.6
7	☐	1.000		31621668.41		A	1.1
8	☐	1.000		27574536.73		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14328555.34		A	1.1
2	☐	1.000		14582458.39		A	0.9
3	☐	1.000		14531990.62		A	0.2
4	☐	1.000		14288133.26		A	1.1
5	☐	1.000		14324304.79		A	0.2
6	☐	1.000		14200044.79		A	0.9
7	☐	1.000		14337144.37		A	0.6
8	☐	1.000		12669950.78		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18397145.14		A	1.7
2	☐	1.000		19135185.82		A	0.4
3	☐	1.000		19111803.60		A	0.8
4	☐	1.000		18752174.44		A	0.8
5	☐	1.000		18478648.61		A	0.5
6	☐	1.000		18095156.40		A	1.2
7	☐	1.000		17822401.82		A	0.9
8	☐	1.000		14148482.15		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10554410.47		A	1.3
2	☐	1.000		10722229.98		A	0.5
3	☐	1.000		10605945.88		A	0.8
4	☐	1.000		10278968.60		A	1.3
5	☐	1.000		10257094.50		A	0.4
6	☐	1.000		9935117.29		A	0.8
7	☐	1.000		9740449.44		A	0.6
8	☐	1.000		7827530.16		A	0.6

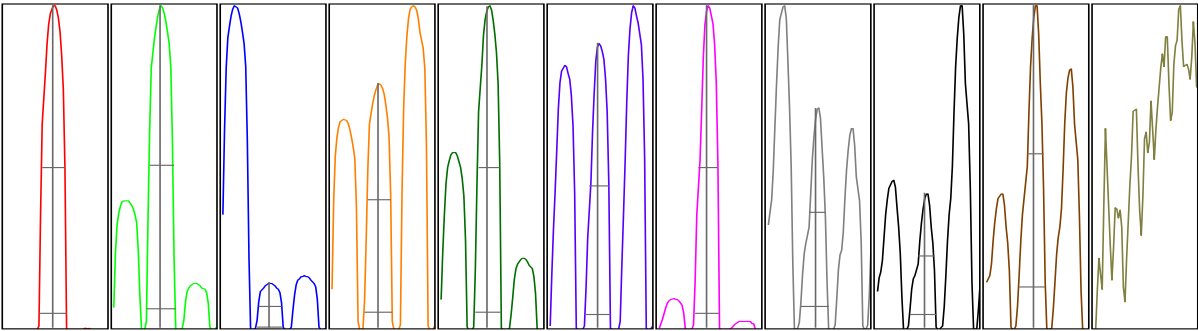
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7020520IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	24377	0.54	5.00	
24	361743	0.31	5.00	
25	51037	0.58	5.00	
26	60011	0.49	5.00	
59	215949	0.30	5.00	
113	26377	0.67	5.00	
115	317456	1.65	5.00	
206	66943	0.32	5.00	
207	62811	0.90	5.00	
208	144813	0.95	5.00	
220	68	3.92		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	24220	24315	24417	24358	24576
24	360327	361278	362834	361314	362960
25	51028	50856	50724	51073	51503
26	59669	59828	59968	60168	60423
59	214880	215897	216373	216119	216478
113	26144	26489	26576	26247	26430
115	309165	316789	317742	320696	322889
206	66865	66664	66861	67138	67187
207	62403	62600	63124	62282	63644
208	144413	144684	144737	143219	147014
220	66	66	68	67	72

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	38099	8.95	8.9 - 9.1		0.789	0.900	
24	556518	23.90	23.9 - 24.1		0.830	0.900	
25	78560	24.90	24.9 - 25.1		0.786	0.900	
26	92019	25.90	25.9 - 26.1		0.816	0.900	
59	355320	58.90	58.9 - 59.1		0.782	0.900	
113	49389	112.95	112.9 - 113.1		0.731	0.900	
115	592741	114.95	114.9 - 115.1		0.732	0.900	
206	133022	205.95	205.9 - 206.1		0.789	0.900	
207	121328	206.95	206.9 - 207.1		0.757	0.900	
208	289641	207.95	207.9 - 208.1		0.774	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	7.0	V	Deflect	13.2	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	49375	0.79	
89	81261	0.89	
205	52584	0.84	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	49689	49499	49150	48813	49724
89	81180	81897	81092	80185	81952
205	52789	53058	52043	52189	52841

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	6.8	V	Deflect	2.0	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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 :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.00	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	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	0.09	-0.05	-0.03	0.00	N/A	ppb
Boron	11-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Cadmium	106-1	-0.57	-0.04	0.61	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.02	0.01	0.00	N/A	ppb
Calcium	43-1	-0.25	0.60	-0.35	0.00	N/A	ppb
Calcium	44-1	0.42	-0.37	-0.05	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.01	-0.19	0.19	0.00	N/A	ppb
Iron	56-2	0.03	0.00	-0.04	0.00	N/A	ppb
Iron	57-2	-0.05	0.14	-0.09	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	0.15	0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-25.37	-23.11	-22.70	-23.73		ppb
Potassium	39-2	-0.90	-1.55	2.45	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	0.20	-0.06	0.00	N/A	ppb
Selenium	77-2	-0.07	0.13	-0.07	0.00	N/A	ppb
Selenium	78-2	0.16	0.38	-0.54	0.00	N/A	ppb
Silicon	28-1	0.39	-0.16	-0.23	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	-0.09	-0.21	0.29	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	32.31	-34.12	-19.34	-7.05		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	0.01	-0.01	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

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 11:27:56 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.27	15.92	15.90	16.36	4.80	ppb
Antimony	121-1	2.02	2.00	1.99	2.00	0.89	ppb
Arsenic	75-2	1.00	0.89	0.81	0.90	10.59	ppb
Barium	135-1	10.34	10.41	10.19	10.32	1.12	ppb
Barium	137-1	10.37	10.45	10.54	10.45	0.83	ppb
Beryllium	9-1	0.95	0.99	1.02	0.99	3.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	24.99	25.62	25.41	25.34	1.27	ppb
Boron	11-1	25.48	25.58	25.15	25.41	0.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	1.13	1.06	1.07	5.32	ppb
Cadmium	106-1	0.41	1.77	0.62	0.93	78.25	ppb
Cadmium	108-1	1.12	1.10	0.92	1.05	10.15	ppb
Calcium	43-1	532.05	509.32	517.79	519.72	2.21	ppb
Calcium	44-1	519.71	523.35	515.26	519.44	0.78	ppb
Chromium	52-2	1.84	1.74	1.60	1.73	6.79	ppb
Cobalt	59-2	0.99	0.86	0.82	0.89	9.82	ppb
Copper	63-2	1.93	1.80	1.70	1.81	6.29	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	50.21	49.05	42.59	47.28	8.69	ppb
Iron	56-2	49.61	45.80	42.15	45.85	8.14	ppb
Iron	57-2	52.09	49.79	42.91	48.26	9.90	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.95	0.96	0.96	0.64	ppb
Lead	207-1	0.96	0.95	0.95	0.95	0.86	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:27:56	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.97	0.97	0.94	0.96	1.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	485.39	448.39	423.40	452.39	6.89	ppb
Manganese	55-2	0.97	0.92	0.84	0.91	7.43	ppb
Molybdenum	94-1	5.01	4.88	4.95	4.95	1.27	ppb
Molybdenum	95-1	5.36	5.24	5.20	5.27	1.52	ppb
Molybdenum	96-1	5.26	5.06	5.08	5.13	2.10	ppb
Molybdenum	97-1	5.34	5.29	5.26	5.30	0.84	ppb
Molybdenum	98-1	5.07	5.26	5.25	5.19	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.00	0.95	1.01	7.02	ppb
Phosphorus	31-2	46.17	16.28	8.73	23.73	83.44	ppb
Potassium	39-2	496.07	471.43	448.83	472.11	5.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.43	5.81	5.33	5.53	4.61	ppb
Selenium	77-2	3.42	5.21	5.91	4.85	26.59	ppb
Selenium	78-2	5.36	4.20	4.34	4.63	13.61	ppb
Silicon	28-1	11.39	11.16	12.15	11.57	4.49	ppb
Silver	109-1	1.15	1.15	1.14	1.15	0.81	ppb
Silver	107-1	1.19	1.14	1.16	1.16	2.05	ppb
Sodium	23-2	498.05	465.24	448.88	470.72	5.32	ppb
Strontium	86-1	1.04	1.03	1.02	1.03	1.01	ppb
Strontium	88-1	1.02	1.04	1.01	1.02	1.37	ppb
Sulfur	34-1	36.78	21.86	-37.49	7.05	557.42	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.98	0.99	0.98	0.42	ppb
Thallium	205-1	0.95	0.97	1.00	0.97	2.42	ppb
Thorium	232-1	0.70	0.67	0.65	0.67	3.06	ppb
Tin	118-1	5.28	5.28	5.30	5.29	0.20	ppb
Titanium	47-1	5.18	4.98	5.06	5.07	1.96	ppb
Uranium	238-1	0.89	0.89	0.89	0.89	0.29	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:27:56	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.75	4.32	4.17	4.41	6.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.27	1.93	2.06	2.09	8.25	ppb
Zirconium	90-1	0.82	0.80	0.76	0.80	3.69	ppb
Zirconium	91-1	0.82	0.79	0.78	0.80	2.27	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1010.75	992.76	1005.17	1002.89	0.92	ppb
Antimony	121-1	51.52	51.91	51.39	51.61	0.53	ppb
Arsenic	75-2	50.83	51.23	50.60	50.89	0.63	ppb
Barium	135-1	263.72	259.50	259.93	261.05	0.89	ppb
Barium	137-1	259.29	263.54	257.57	260.13	1.18	ppb
Beryllium	9-1	51.91	51.80	51.56	51.76	0.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	50.77	50.06	51.52	50.78	1.44	ppb
Boron	11-1	50.22	50.60	51.57	50.80	1.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.30	54.25	53.46	53.67	0.95	ppb
Cadmium	106-1	52.73	55.20	49.97	52.64	4.97	ppb
Cadmium	108-1	53.58	54.63	52.60	53.60	1.89	ppb
Calcium	43-1	5273.87	5190.01	5251.82	5238.57	0.83	ppb
Calcium	44-1	5136.67	5077.16	5095.71	5103.18	0.60	ppb
Chromium	52-2	52.29	51.10	51.69	51.69	1.15	ppb
Cobalt	59-2	53.14	52.50	52.72	52.79	0.61	ppb
Copper	63-2	106.37	104.48	105.13	105.32	0.91	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				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2811.13	2791.74	2781.85	2794.91	0.53	ppb
Iron	56-2	2703.57	2656.60	2660.99	2673.72	0.97	ppb
Iron	57-2	2731.82	2706.82	2698.88	2712.50	0.63	ppb
Krypton	83-1						cps
Lead	206-1	49.67	49.24	49.36	49.42	0.45	ppb
Lead	207-1	49.35	49.10	49.74	49.39	0.66	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	49.51	49.39	49.69	49.53	0.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	5352.30	5179.96	5270.54	5267.60	1.64	ppb
Manganese	55-2	104.42	104.07	103.83	104.11	0.29	ppb
Molybdenum	94-1	253.37	253.42	252.00	252.93	0.32	ppb
Molybdenum	95-1	253.13	252.95	255.04	253.71	0.46	ppb
Molybdenum	96-1	252.81	251.02	252.31	252.05	0.37	ppb
Molybdenum	97-1	250.05	252.50	250.39	250.98	0.53	ppb
Molybdenum	98-1	252.06	251.80	251.55	251.80	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.01	54.08	53.22	53.77	0.89	ppb
Phosphorus	31-2	973.96	1041.87	1029.83	1015.22	3.57	ppb
Potassium	39-2	2570.12	2545.89	2561.83	2559.28	0.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	51.93	52.41	52.47	52.27	0.57	ppb
Selenium	77-2	51.81	57.01	49.93	52.92	6.92	ppb
Selenium	78-2	52.80	50.33	50.85	51.33	2.54	ppb
Silicon	28-1	59.43	59.32	60.13	59.63	0.74	ppb
Silver	109-1	54.51	55.50	54.46	54.82	1.07	ppb
Silver	107-1	55.03	55.30	54.90	55.08	0.37	ppb
Sodium	23-2	5156.78	5107.01	5152.82	5138.87	0.54	ppb
Strontium	86-1	51.14	51.93	50.92	51.33	1.03	ppb
Strontium	88-1	50.43	51.13	51.23	50.93	0.85	ppb
Sulfur	34-1	1013.98	965.80	926.76	968.85	4.51	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	49.80	48.65	49.13	49.19	1.17	ppb
Thallium	205-1	49.48	48.83	49.46	49.26	0.75	ppb
Thorium	232-1	46.01	46.00	44.91	45.64	1.39	ppb
Tin	118-1	52.07	52.65	51.58	52.10	1.03	ppb
Titanium	47-1	255.70	253.04	255.00	254.58	0.54	ppb
Uranium	238-1	47.57	46.96	46.64	47.06	1.01	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	51.16	50.09	50.66	50.64	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	108.14	106.10	107.10	107.11	0.95	ppb
Zirconium	90-1	49.87	49.11	49.70	49.56	0.80	ppb
Zirconium	91-1	49.54	49.22	49.79	49.52	0.57	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2603.67	2585.82	2579.58	2589.69	0.48	ppb
Antimony	121-1	133.91	135.14	134.10	134.38	0.49	ppb
Arsenic	75-2	129.81	130.90	130.76	130.49	0.46	ppb
Barium	135-1	667.90	675.13	671.31	671.44	0.54	ppb
Barium	137-1	663.38	674.24	670.35	669.32	0.82	ppb
Beryllium	9-1	133.30	133.65	133.88	133.61	0.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	130.03	132.09	129.20	130.44	1.14	ppb
Boron	11-1	129.73	129.47	131.80	130.33	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	137.31	139.35	136.07	137.57	1.21	ppb
Cadmium	106-1	135.59	136.82	138.84	137.08	1.20	ppb
Cadmium	108-1	135.76	137.19	137.42	136.79	0.66	ppb
Calcium	43-1	13588.32	13556.34	13553.11	13565.92	0.14	ppb
Calcium	44-1	13246.88	13288.86	13387.21	13307.65	0.54	ppb
Chromium	52-2	133.37	133.35	132.57	133.10	0.34	ppb
Cobalt	59-2	135.97	136.23	135.83	136.01	0.15	ppb
Copper	63-2	270.27	270.33	268.78	269.79	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	7266.08	7269.43	7324.78	7286.76	0.45	ppb
Iron	56-2	6998.54	6929.93	6934.87	6954.45	0.55	ppb
Iron	57-2	7043.56	6993.64	7023.97	7020.39	0.36	ppb
Krypton	83-1						cps
Lead	206-1	130.74	129.87	132.21	130.94	0.91	ppb
Lead	207-1	130.03	129.62	130.69	130.11	0.41	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	130.45	129.99	131.67	130.70	0.66	ppb
Lithium	6-1				96		%
Magnesium	24-2	13426.73	13211.08	13367.01	13334.94	0.83	ppb
Manganese	55-2	271.22	269.70	271.85	270.92	0.41	ppb
Molybdenum	94-1	671.77	662.59	653.37	662.57	1.39	ppb
Molybdenum	95-1	657.11	648.82	648.85	651.59	0.73	ppb
Molybdenum	96-1	658.67	643.35	647.02	649.68	1.23	ppb
Molybdenum	97-1	662.00	653.54	658.24	657.92	0.64	ppb
Molybdenum	98-1	652.20	647.41	648.20	649.27	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.98	138.26	138.45	138.56	0.27	ppb
Phosphorus	31-2	2748.23	2713.14	2675.19	2712.19	1.35	ppb
Potassium	39-2	6534.40	6566.66	6582.17	6561.08	0.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	135.73	134.05	135.92	135.23	0.76	ppb
Selenium	77-2	131.20	133.27	144.01	136.16	5.05	ppb
Selenium	78-2	134.02	132.43	136.94	134.46	1.70	ppb
Silicon	28-1	142.87	142.49	142.97	142.78	0.18	ppb
Silver	109-1	140.88	139.69	140.29	140.29	0.42	ppb
Silver	107-1	139.49	140.39	139.27	139.72	0.43	ppb
Sodium	23-2	13078.79	13068.70	13118.43	13088.64	0.20	ppb
Strontium	86-1	134.05	133.07	133.16	133.43	0.41	ppb
Strontium	88-1	131.82	131.41	132.11	131.78	0.27	ppb
Sulfur	34-1	2466.53	2447.11	2437.71	2450.45	0.60	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	130.39	127.51	129.11	129.00	1.12	ppb
Thallium	205-1	129.42	128.40	129.46	129.09	0.47	ppb
Thorium	232-1	123.17	123.08	121.62	122.62	0.71	ppb
Tin	118-1	135.82	136.96	134.76	135.85	0.81	ppb
Titanium	47-1	661.68	661.87	660.01	661.19	0.16	ppb
Uranium	238-1	122.87	124.75	123.14	123.59	0.82	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.36	130.20	130.45	130.67	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	284.07	279.25	279.02	280.78	1.02	ppb
Zirconium	90-1	132.61	134.03	133.04	133.23	0.55	ppb
Zirconium	91-1	133.17	133.31	133.71	133.39	0.21	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:41:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5007.30	4957.75	5051.81	5005.62	0.94	ppb
Antimony	121-1	258.81	254.35	259.06	257.41	1.03	ppb
Arsenic	75-2	252.70	254.68	254.86	254.08	0.47	ppb
Barium	135-1	1293.16	1268.58	1286.12	1282.62	0.99	ppb
Barium	137-1	1293.32	1267.81	1279.56	1280.23	1.00	ppb
Beryllium	9-1	254.78	260.56	257.06	257.47	1.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	248.42	255.90	252.59	252.30	1.49	ppb
Boron	11-1	248.96	255.25	252.79	252.33	1.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	261.93	258.99	260.14	260.35	0.57	ppb
Cadmium	106-1	258.93	255.89	264.36	259.73	1.65	ppb
Cadmium	108-1	259.41	255.22	261.45	258.69	1.23	ppb
Calcium	43-1	26215.27	26451.35	26142.34	26269.65	0.61	ppb
Calcium	44-1	25934.71	25986.07	25888.92	25936.57	0.19	ppb
Chromium	52-2	260.80	261.12	261.18	261.03	0.08	ppb
Cobalt	59-2	264.82	264.02	265.05	264.63	0.20	ppb
Copper	63-2	522.32	518.06	522.96	521.11	0.51	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				97		%
Indium	115-2				95		%
Iron	54-2	14110.69	14068.59	14104.94	14094.74	0.16	ppb
Iron	56-2	13501.85	13594.77	13609.16	13568.59	0.43	ppb
Iron	57-2	13657.36	13659.98	13711.65	13676.33	0.22	ppb
Krypton	83-1						cps
Lead	206-1	247.64	254.22	254.75	252.21	1.57	ppb
Lead	207-1	249.56	252.93	254.08	252.19	0.93	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:41:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	248.67	251.10	252.05	250.60	0.70	ppb
Lithium	6-1				92		%
Magnesium	24-2	26167.53	25905.86	26057.28	26043.56	0.50	ppb
Manganese	55-2	523.69	531.38	528.22	527.76	0.73	ppb
Molybdenum	94-1	1273.50	1277.74	1268.93	1273.39	0.35	ppb
Molybdenum	95-1	1272.89	1279.16	1270.43	1274.16	0.35	ppb
Molybdenum	96-1	1268.08	1271.06	1271.56	1270.23	0.15	ppb
Molybdenum	97-1	1280.00	1280.14	1275.31	1278.49	0.22	ppb
Molybdenum	98-1	1282.73	1277.13	1272.51	1277.45	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.27	267.69	268.15	268.04	0.11	ppb
Phosphorus	31-2	5191.35	5001.93	5168.00	5120.43	2.02	ppb
Potassium	39-2	12556.34	12560.15	12572.11	12562.87	0.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	259.20	261.44	264.38	261.67	0.99	ppb
Selenium	77-2	264.93	253.47	255.24	257.88	2.39	ppb
Selenium	78-2	256.38	257.28	253.16	255.61	0.85	ppb
Silicon	28-1	279.61	282.59	282.01	281.41	0.56	ppb
Silver	109-1	263.14	257.65	263.59	261.46	1.27	ppb
Silver	107-1	265.18	257.82	265.10	262.70	1.61	ppb
Sodium	23-2	25816.00	25594.08	25866.28	25758.79	0.56	ppb
Strontium	86-1	258.25	258.79	257.36	258.13	0.28	ppb
Strontium	88-1	253.51	254.31	254.84	254.22	0.26	ppb
Sulfur	34-1	4792.51	4815.13	4736.43	4781.36	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	248.70	256.07	252.42	252.40	1.46	ppb
Thallium	205-1	247.24	252.82	250.61	250.22	1.12	ppb
Thorium	232-1	241.92	245.30	243.97	243.73	0.70	ppb
Tin	118-1	257.59	255.59	261.23	258.14	1.11	ppb
Titanium	47-1	1275.85	1278.87	1269.41	1274.71	0.38	ppb
Uranium	238-1	245.39	248.42	242.95	245.58	1.12	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:41:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	255.22	255.32	256.25	255.60	0.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	539.10	537.61	538.09	538.27	0.14	ppb
Zirconium	90-1	253.33	253.19	253.64	253.39	0.09	ppb
Zirconium	91-1	254.91	254.55	255.41	254.96	0.17	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9695.11	9561.68	9777.93	9678.24	1.13	ppb
Antimony	121-1	499.72	500.96	505.20	501.96	0.57	ppb
Arsenic	75-2	493.29	495.52	496.43	495.08	0.33	ppb
Barium	135-1	2505.65	2488.65	2498.67	2497.66	0.34	ppb
Barium	137-1	2508.28	2501.72	2499.01	2503.00	0.19	ppb
Beryllium	9-1	495.52	499.53	497.39	497.48	0.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	489.39	499.22	500.18	496.26	1.20	ppb
Boron	11-1	488.76	490.84	498.33	492.64	1.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.45	508.82	507.68	504.32	1.35	ppb
Cadmium	106-1	495.41	498.47	504.85	499.57	0.96	ppb
Cadmium	108-1	499.85	494.31	505.74	499.97	1.14	ppb
Calcium	43-1	51389.41	51310.20	51834.73	51511.45	0.55	ppb
Calcium	44-1	50761.75	50589.88	50730.24	50693.96	0.18	ppb
Chromium	52-2	506.42	507.24	504.27	505.98	0.30	ppb
Cobalt	59-2	504.72	512.60	509.09	508.80	0.78	ppb
Copper	63-2	996.79	987.43	988.67	990.96	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	26389.78	26367.32	26449.11	26402.07	0.16	ppb
Iron	56-2	26326.58	26145.76	26175.00	26215.78	0.37	ppb
Iron	57-2	26488.03	26636.30	26555.72	26560.02	0.28	ppb
Krypton	83-1						cps
Lead	206-1	499.59	491.39	495.58	495.52	0.83	ppb
Lead	207-1	499.36	494.38	495.03	496.26	0.54	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	498.49	493.40	492.91	494.93	0.62	ppb
Lithium	6-1				91		%
Magnesium	24-2	50502.73	50313.58	50813.64	50543.31	0.50	ppb
Manganese	55-2	1006.34	1013.87	1027.60	1015.94	1.06	ppb
Molybdenum	94-1	2456.52	2450.41	2483.58	2463.50	0.72	ppb
Molybdenum	95-1	2467.46	2455.76	2486.82	2470.01	0.63	ppb
Molybdenum	96-1	2463.22	2443.70	2470.78	2459.23	0.57	ppb
Molybdenum	97-1	2473.46	2458.16	2478.64	2470.09	0.43	ppb
Molybdenum	98-1	2471.78	2476.35	2482.28	2476.81	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.42	509.24	510.56	510.07	0.14	ppb
Phosphorus	31-2	10015.13	10103.78	10219.61	10112.84	1.01	ppb
Potassium	39-2	24496.57	24321.66	24406.06	24408.10	0.36	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	504.27	503.89	510.65	506.27	0.75	ppb
Selenium	77-2	485.53	477.98	502.13	488.55	2.53	ppb
Selenium	78-2	500.42	505.27	510.21	505.30	0.97	ppb
Silicon	28-1	523.62	519.98	529.09	524.23	0.87	ppb
Silver	109-1	503.78	508.12	508.60	506.83	0.52	ppb
Silver	107-1	506.70	503.51	509.26	506.49	0.57	ppb
Sodium	23-2	50316.03	50358.26	50582.56	50418.95	0.28	ppb
Strontium	86-1	482.36	503.05	505.72	497.05	2.57	ppb
Strontium	88-1	493.55	497.09	500.14	496.93	0.66	ppb
Sulfur	34-1	9784.73	9555.26	9809.74	9716.58	1.44	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	497.32	487.59	491.21	492.04	1.00	ppb
Thallium	205-1	496.20	488.36	493.77	492.77	0.81	ppb
Thorium	232-1	488.94	485.17	487.50	487.20	0.39	ppb
Tin	118-1	500.12	497.93	506.42	501.49	0.88	ppb
Titanium	47-1	2505.15	2475.53	2480.79	2487.16	0.64	ppb
Uranium	238-1	494.30	488.20	486.67	489.72	0.82	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.44	502.78	498.11	500.78	0.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1015.51	1018.03	1021.90	1018.48	0.32	ppb
Zirconium	90-1	494.55	493.46	495.31	494.44	0.19	ppb
Zirconium	91-1	490.74	489.61	495.80	492.05	0.67	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19644.26	19183.65	19430.80	19419.57	1.19	ppb
Antimony	121-1	990.98	993.35	1003.42	995.92	0.66	ppb
Arsenic	75-2	999.30	1001.52	1001.32	1000.71	0.12	ppb
Barium	135-1	4959.33	4996.00	5004.64	4986.66	0.48	ppb
Barium	137-1	4999.32	4973.38	4981.98	4984.89	0.27	ppb
Beryllium	9-1	1002.84	1002.71	989.14	998.23	0.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	997.45	1003.01	1001.24	1000.57	0.28	ppb
Boron	11-1	991.92	1004.71	1010.52	1002.38	0.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	988.95	993.59	997.95	993.50	0.45	ppb
Cadmium	106-1	995.10	1002.61	990.71	996.14	0.60	ppb
Cadmium	108-1	990.95	995.61	1002.01	996.19	0.56	ppb
Calcium	43-1	101975.22	101458.31	102206.60	101880.04	0.38	ppb
Calcium	44-1	101937.51	100730.85	101964.90	101544.42	0.69	ppb
Chromium	52-2	1000.52	987.89	991.06	993.16	0.66	ppb
Cobalt	59-2	995.21	983.15	992.91	990.43	0.65	ppb
Copper	63-2	2012.96	1981.81	1994.73	1996.50	0.78	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				96		%
Indium	115-2				93		%
Iron	54-2	52395.51	51600.64	51963.22	51986.45	0.77	ppb
Iron	56-2	51823.59	51482.92	51530.37	51612.29	0.36	ppb
Iron	57-2	52868.13	51733.12	52243.04	52281.43	1.09	ppb
Krypton	83-1						cps
Lead	206-1	1013.80	998.29	990.84	1000.98	1.17	ppb
Lead	207-1	1009.63	996.60	995.91	1000.72	0.77	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1007.95	1001.67	995.47	1001.69	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	101484.43	99877.72	99967.71	100443.29	0.90	ppb
Manganese	55-2	1987.88	1977.71	1981.22	1982.27	0.26	ppb
Molybdenum	94-1	4989.35	5054.17	4979.16	5007.56	0.81	ppb
Molybdenum	95-1	4974.95	5072.94	4968.44	5005.44	1.17	ppb
Molybdenum	96-1	4997.59	5028.27	5010.56	5012.14	0.31	ppb
Molybdenum	97-1	4992.13	5025.58	4993.30	5003.67	0.38	ppb
Molybdenum	98-1	4941.32	5043.77	5019.75	5001.61	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.71	981.01	987.99	988.57	0.80	ppb
Phosphorus	31-2	19907.79	19754.09	19996.69	19886.19	0.62	ppb
Potassium	39-2	49125.59	48756.52	48705.66	48862.59	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	985.19	993.36	999.10	992.55	0.70	ppb
Selenium	77-2	1003.23	1005.06	998.36	1002.22	0.35	ppb
Selenium	78-2	1002.37	989.26	992.47	994.70	0.69	ppb
Silicon	28-1	975.21	975.19	981.54	977.31	0.37	ppb
Silver	109-1	986.83	991.70	996.17	991.57	0.47	ppb
Silver	107-1	995.91	987.57	990.98	991.49	0.42	ppb
Sodium	23-2	102798.93	100412.65	100675.67	101295.75	1.29	ppb
Strontium	86-1	991.34	997.45	1006.19	998.32	0.75	ppb
Strontium	88-1	994.75	999.39	1004.62	999.59	0.49	ppb
Sulfur	34-1	20104.30	20120.75	20387.32	20204.12	0.79	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1009.25	1000.18	999.33	1002.92	0.55	ppb
Thallium	205-1	1006.45	1002.00	1000.80	1003.08	0.30	ppb
Thorium	232-1	1011.98	1004.55	1008.91	1008.48	0.37	ppb
Tin	118-1	992.63	989.74	1004.92	995.76	0.81	ppb
Titanium	47-1	4973.31	4990.07	5023.09	4995.49	0.51	ppb
Uranium	238-1	1006.03	1003.17	1010.50	1006.57	0.37	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	998.28	995.19	998.94	997.47	0.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1992.10	1962.95	1975.92	1976.99	0.74	ppb
Zirconium	90-1	1006.57	992.31	1003.90	1000.93	0.76	ppb
Zirconium	91-1	1000.27	997.38	1007.49	1001.71	0.52	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100032.02	99924.52	100480.59	100145.71	0.29	ppb
Antimony	121-1	1.64	1.79	1.87	1.77	6.76	ppb
Arsenic	75-2	0.58	0.49	0.46	0.51	12.28	ppb
Barium	135-1	9.99	9.93	9.98	9.96	0.33	ppb
Barium	137-1	9.94	10.01	9.90	9.95	0.55	ppb
Beryllium	9-1	0.21	0.18	0.17	0.19	11.03	ppb
Bismuth	209-1				77		%
Bismuth	209-2				74		%
Boron	10-1	32.53	30.94	27.34	30.27	8.78	ppb
Boron	11-1	33.52	30.58	27.99	30.70	9.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.22	0.33	0.46	0.33	36.22	ppb
Cadmium	106-1	-0.08	0.85	2.81	1.19	123.65	ppb
Cadmium	108-1	0.45	0.24	0.49	0.39	34.90	ppb
Calcium	43-1	501226.08	495468.13	501446.72	499380.31	0.68	ppb
Calcium	44-1	502926.98	495925.82	499808.15	499553.65	0.70	ppb
Chromium	52-2	17.44	17.68	17.39	17.51	0.88	ppb
Cobalt	59-2	1.84	1.85	1.85	1.85	0.36	ppb
Copper	63-2	4.70	4.76	4.67	4.71	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	54-2	249075.75	249974.21	249011.73	249353.90	0.22	ppb
Iron	56-2	249022.40	250590.96	248836.21	249483.19	0.39	ppb
Iron	57-2	248381.27	251276.88	248264.39	249307.51	0.68	ppb
Krypton	83-1						cps
Lead	206-1	5.15	5.12	5.09	5.12	0.64	ppb
Lead	207-1	5.11	5.32	5.16	5.19	2.09	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.14	5.17	5.17	5.16	0.41	ppb
Lithium	6-1				82		%
Magnesium	24-2	498289.75	501569.02	499485.23	499781.33	0.33	ppb
Manganese	55-2	10.41	10.27	10.12	10.26	1.41	ppb
Molybdenum	94-1	3.38	3.26	3.37	3.34	1.95	ppb
Molybdenum	95-1	3.76	3.82	3.88	3.82	1.64	ppb
Molybdenum	96-1	6.00	6.10	6.16	6.09	1.32	ppb
Molybdenum	97-1	3.80	3.72	3.87	3.80	1.88	ppb
Molybdenum	98-1	3.68	3.56	3.77	3.67	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.49	11.60	11.69	11.60	0.86	ppb
Phosphorus	31-2	-8.26	-14.53	-6.90	-9.90		ppb
Potassium	39-2	250441.35	248958.98	251425.31	250275.22	0.50	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	1.03	1.01	0.88	0.98	8.34	ppb
Selenium	77-2	0.60	0.37	-0.07	0.30	112.36	ppb
Selenium	78-2	0.10	0.45	0.70	0.42	72.09	ppb
Silicon	28-1	178.20	207.03	213.79	199.67	9.47	ppb
Silver	109-1	0.28	0.29	0.27	0.28	2.83	ppb
Silver	107-1	0.29	0.29	0.30	0.29	2.89	ppb
Sodium	23-2	495439.71	500733.74	502761.37	499644.94	0.76	ppb
Strontium	86-1	2.24	2.10	2.13	2.16	3.47	ppb
Strontium	88-1	2.11	2.13	2.14	2.13	0.73	ppb
Sulfur	34-1	-376.21	-314.43	-412.63	-367.76		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.37	0.33	0.32	0.34	7.17	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	1.39	ppb
Thorium	232-1	0.30	0.31	0.35	0.32	8.27	ppb
Tin	118-1	2.11	2.23	2.25	2.20	3.50	ppb
Titanium	47-1	1.44	1.38	1.35	1.39	3.49	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	0.68	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.41	0.40	0.39	0.40	3.00	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	25.22	24.81	24.83	24.95	0.92	ppb
Zirconium	90-1	0.32	0.35	0.37	0.35	8.18	ppb
Zirconium	91-1	0.34	0.33	0.34	0.33	2.20	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	492.00	484.73	486.67	487.80	0.77	ppb
Antimony	121-1	200.17	195.10	197.81	197.69	1.28	ppb
Arsenic	75-2	196.84	198.64	201.04	198.84	1.06	ppb
Barium	135-1	101.41	101.52	102.25	101.73	0.45	ppb
Barium	137-1	100.54	101.61	102.01	101.39	0.75	ppb
Beryllium	9-1	98.90	99.96	99.19	99.35	0.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	6.64	6.16	6.13	6.31	4.58	ppb
Boron	11-1	6.74	6.10	6.28	6.37	5.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	105.26	103.03	103.59	103.96	1.11	ppb
Cadmium	106-1	80.19	78.08	78.02	78.76	1.57	ppb
Cadmium	108-1	86.58	85.43	85.29	85.77	0.83	ppb
Calcium	43-1	1899.30	1911.21	1945.68	1918.73	1.26	ppb
Calcium	44-1	1963.71	1962.11	1966.79	1964.20	0.12	ppb
Chromium	52-2	99.56	99.23	99.71	99.50	0.24	ppb
Cobalt	59-2	102.28	100.74	101.51	101.51	0.76	ppb
Copper	63-2	102.12	100.74	102.41	101.76	0.88	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				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2152.60	2124.30	2122.93	2133.28	0.78	ppb
Iron	56-2	2023.44	1972.57	2002.72	1999.58	1.28	ppb
Iron	57-2	2017.06	1983.05	1999.98	2000.03	0.85	ppb
Krypton	83-1						cps
Lead	206-1	204.45	202.89	204.23	203.86	0.42	ppb
Lead	207-1	194.27	193.60	192.54	193.47	0.45	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	197.73	197.83	197.76	197.77	0.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	1184.09	1178.89	1181.09	1181.35	0.22	ppb
Manganese	55-2	99.38	97.44	99.38	98.73	1.13	ppb
Molybdenum	94-1	0.24	0.27	0.32	0.28	14.30	ppb
Molybdenum	95-1	0.14	0.17	0.17	0.16	13.52	ppb
Molybdenum	96-1	0.19	0.20	0.22	0.21	6.25	ppb
Molybdenum	97-1	0.15	0.17	0.16	0.16	6.11	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.18	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.26	101.97	103.35	103.19	1.12	ppb
Phosphorus	31-2	-23.75	-20.49	-25.43	-23.22		ppb
Potassium	39-2	1931.37	1933.75	1945.40	1936.84	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	207.96	204.39	200.25	204.20	1.89	ppb
Selenium	77-2	204.74	202.38	205.07	204.07	0.72	ppb
Selenium	78-2	204.41	204.02	205.02	204.48	0.25	ppb
Silicon	28-1	2.89	2.86	2.90	2.88	0.79	ppb
Silver	109-1	52.54	50.64	52.40	51.86	2.04	ppb
Silver	107-1	52.14	51.34	51.89	51.79	0.79	ppb
Sodium	23-2	1989.72	1962.80	1978.89	1977.14	0.68	ppb
Strontium	86-1	0.26	0.25	0.23	0.25	5.67	ppb
Strontium	88-1	0.26	0.26	0.26	0.26	1.19	ppb
Sulfur	34-1	-419.83	-426.01	-499.74	-448.53		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	202.06	197.86	197.48	199.13	1.28	ppb
Thallium	205-1	200.87	197.20	196.18	198.09	1.25	ppb
Thorium	232-1	0.07	0.07	0.08	0.07	8.49	ppb
Tin	118-1	0.50	0.49	0.52	0.50	2.96	ppb
Titanium	47-1	0.15	0.22	0.23	0.20	19.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.86	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.22	95.62	96.01	95.95	0.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	197.10	195.55	194.74	195.80	0.61	ppb
Zirconium	90-1	0.08	0.09	0.11	0.09	17.29	ppb
Zirconium	91-1	0.15	0.17	0.24	0.19	25.41	ppb

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 12:07:16 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	0.11	0.27	0.36	82.64	ppb
Antimony	121-1	0.25	0.31	0.34	0.30	14.26	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	235.93	ppb
Barium	135-1	0.03	0.02	0.02	0.02	22.75	ppb
Barium	137-1	0.04	0.03	0.02	0.03	31.27	ppb
Beryllium	9-1	0.03	0.00	0.01	0.02	87.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	4.63	4.66	4.62	4.64	0.45	ppb
Boron	11-1	4.85	4.94	4.59	4.80	3.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	-0.05	0.02	0.02	388.73	ppb
Cadmium	106-1	0.88	-0.80	0.04	0.04	2146.23	ppb
Cadmium	108-1	0.00	0.01	0.00	0.00	1023.61	ppb
Calcium	43-1	4.88	2.98	4.18	4.01	23.89	ppb
Calcium	44-1	3.98	3.32	2.52	3.27	22.32	ppb
Chromium	52-2	0.01	0.01	0.00	0.00	70.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	238.08	ppb
Copper	63-2	-0.02	-0.01	-0.05	-0.02		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				102		%
Indium	115-2				102		%
Iron	54-2	1.95	1.31	1.84	1.70	20.05	ppb
Iron	56-2	2.06	2.01	1.73	1.93	9.00	ppb
Iron	57-2	2.43	2.29	2.80	2.51	10.37	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	12.86	ppb
Lead	207-1	0.02	0.04	0.02	0.03	39.66	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:07:16	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.03	0.03	0.02	0.03	10.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.30	3.19	2.59	3.03	12.61	ppb
Manganese	55-2	0.00	0.01	0.02	0.01	84.43	ppb
Molybdenum	94-1	0.07	0.06	0.07	0.06	11.47	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.07	9.36	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	14.14	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	5.00	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-25.32	-25.12	-25.47	-25.30		ppb
Potassium	39-2	12.97	12.48	12.92	12.79	2.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.43	-0.16	-0.28	-0.29		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.23	0.09	0.03	0.11	88.74	ppb
Silicon	28-1	0.51	0.46	0.72	0.56	24.13	ppb
Silver	109-1	0.02	0.01	0.01	0.01	23.41	ppb
Silver	107-1	0.02	0.02	0.01	0.01	29.60	ppb
Sodium	23-2	20.21	21.57	20.50	20.76	3.44	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.04	ppb
Sulfur	34-1	-329.06	-379.05	-334.21	-347.44		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.03	0.04	10.59	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.25	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.70	ppb
Tin	118-1	0.05	0.05	0.07	0.05	25.12	ppb
Titanium	47-1	0.05	0.04	0.02	0.04	38.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	519.31	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:07:16	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	0.13	0.02	0.04	211.75	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	32.54	ppb
Zirconium	91-1	0.01	-0.02	0.00	0.00		ppb

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 12:10:58 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89235.96	89812.13	88257.08	89101.72	0.88	ppb
Antimony	121-1	1.25	1.27	1.32	1.28	2.93	ppb
Arsenic	75-2	0.27	0.35	0.34	0.32	12.53	ppb
Barium	135-1	1.46	1.31	1.43	1.40	5.93	ppb
Barium	137-1	1.39	1.36	1.42	1.39	2.21	ppb
Beryllium	9-1	0.25	0.30	0.29	0.28	8.85	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	4.77	4.14	4.35	4.42	7.23	ppb
Boron	11-1	4.44	4.53	3.90	4.29	8.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.60	0.52	0.45	0.53	14.44	ppb
Cadmium	106-1	-1.25	-1.11	-1.61	-1.33		ppb
Cadmium	108-1	16.47	15.92	16.05	16.15	1.78	ppb
Calcium	43-1	98257.86	98817.30	97633.07	98236.08	0.60	ppb
Calcium	44-1	97920.28	97938.06	97789.55	97882.63	0.08	ppb
Chromium	52-2	18.95	18.97	19.11	19.01	0.44	ppb
Cobalt	59-2	1.12	1.18	1.18	1.16	2.82	ppb
Copper	63-2	7.13	7.14	7.13	7.13	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	97285.41	98492.66	98296.54	98024.87	0.66	ppb
Iron	56-2	98834.33	100108.14	99763.93	99568.80	0.66	ppb
Iron	57-2	98145.69	100269.44	98626.80	99013.98	1.12	ppb
Krypton	83-1						cps
Lead	206-1	4.66	4.44	4.52	4.54	2.44	ppb
Lead	207-1	4.12	4.09	4.12	4.11	0.49	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:10:58	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.34	4.25	4.28	4.29	1.07	ppb
Lithium	6-1				92		%
Magnesium	24-2	97109.33	97779.19	96636.86	97175.13	0.59	ppb
Manganese	55-2	7.55	7.29	7.64	7.50	2.44	ppb
Molybdenum	94-1	1306.28	1343.17	1314.92	1321.46	1.46	ppb
Molybdenum	95-1	1881.34	1915.26	1884.49	1893.70	0.99	ppb
Molybdenum	96-1	1807.79	1816.30	1820.18	1814.76	0.35	ppb
Molybdenum	97-1	1877.17	1886.25	1890.34	1884.59	0.36	ppb
Molybdenum	98-1	1884.14	1877.70	1879.16	1880.33	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.99	5.20	5.11	5.10	2.12	ppb
Phosphorus	31-2	94020.97	95185.88	93870.54	94359.13	0.76	ppb
Potassium	39-2	96072.63	96362.63	95816.97	96084.08	0.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.03	0.02	0.12	0.06	90.82	ppb
Selenium	77-2	0.14	-0.07	0.13	0.07	170.66	ppb
Selenium	78-2	0.00	0.02	0.29	0.10	159.15	ppb
Silicon	28-1	24.87	25.08	25.38	25.11	1.03	ppb
Silver	109-1	0.05	0.05	0.05	0.05	6.26	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.96	ppb
Sodium	23-2	99465.91	99629.66	98426.12	99173.90	0.66	ppb
Strontium	86-1	32.77	33.09	32.78	32.88	0.55	ppb
Strontium	88-1	32.90	32.74	32.59	32.74	0.46	ppb
Sulfur	34-1	77167.50	77286.39	76168.67	76874.19	0.80	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.16	0.17	0.17	6.03	ppb
Thallium	205-1	0.16	0.18	0.19	0.18	8.05	ppb
Thorium	232-1	0.05	0.05	0.07	0.06	16.14	ppb
Tin	118-1	0.21	0.21	0.22	0.21	2.16	ppb
Titanium	47-1	1960.63	1960.37	1970.76	1963.92	0.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.34	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:10:58	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.17	0.16	0.16	7.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	9.79	9.35	9.61	9.58	2.29	ppb
Zirconium	90-1	0.03	0.04	0.06	0.05	33.23	ppb
Zirconium	91-1	0.02	0.05	0.05	0.04	50.92	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89359.46	90050.41	87365.55	88925.14	1.57	ppb
Antimony	121-1	20.95	20.69	21.16	20.93	1.13	ppb
Arsenic	75-2	19.93	19.56	19.44	19.64	1.30	ppb
Barium	135-1	21.23	21.63	21.21	21.35	1.11	ppb
Barium	137-1	21.50	21.37	21.84	21.57	1.14	ppb
Beryllium	9-1	20.20	20.18	19.74	20.04	1.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	57.69	56.79	55.62	56.70	1.83	ppb
Boron	11-1	56.69	57.17	56.92	56.93	0.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.47	20.28	20.78	20.51	1.23	ppb
Cadmium	106-1	26.58	26.30	27.67	26.85	2.71	ppb
Cadmium	108-1	39.04	39.09	38.70	38.94	0.54	ppb
Calcium	43-1	98124.49	98204.53	98199.22	98176.08	0.05	ppb
Calcium	44-1	97677.20	97338.87	97456.90	97490.99	0.18	ppb
Chromium	52-2	38.81	38.36	38.52	38.56	0.59	ppb
Cobalt	59-2	20.67	20.89	20.72	20.76	0.56	ppb
Copper	63-2	26.14	26.54	26.14	26.27	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	97570.78	98273.05	98684.82	98176.22	0.57	ppb
Iron	56-2	97969.99	99742.29	100518.85	99410.38	1.31	ppb
Iron	57-2	99875.66	100207.30	100433.38	100172.11	0.28	ppb
Krypton	83-1						cps
Lead	206-1	24.66	24.72	24.45	24.61	0.57	ppb
Lead	207-1	23.53	23.84	23.93	23.76	0.89	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	23.90	23.98	24.00	23.96	0.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	96994.55	98080.22	95741.71	96938.83	1.21	ppb
Manganese	55-2	26.38	26.94	27.15	26.82	1.48	ppb
Molybdenum	94-1	1434.01	1461.32	1424.07	1439.80	1.34	ppb
Molybdenum	95-1	1953.71	1983.75	1943.54	1960.33	1.07	ppb
Molybdenum	96-1	1897.50	1905.75	1894.50	1899.25	0.31	ppb
Molybdenum	97-1	1952.62	1964.89	1951.15	1956.22	0.39	ppb
Molybdenum	98-1	1969.46	1968.71	1946.05	1961.40	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.55	24.29	24.09	24.31	0.95	ppb
Phosphorus	31-2	95656.00	95419.10	93370.98	94815.36	1.33	ppb
Potassium	39-2	96256.53	97166.77	95680.75	96368.02	0.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	18.93	18.78	18.59	18.77	0.92	ppb
Selenium	77-2	15.98	19.06	16.50	17.18	9.60	ppb
Selenium	78-2	18.53	19.88	19.46	19.29	3.58	ppb
Silicon	28-1	79.35	79.86	81.68	80.30	1.52	ppb
Silver	109-1	19.29	19.43	19.44	19.39	0.42	ppb
Silver	107-1	19.13	19.15	19.35	19.21	0.64	ppb
Sodium	23-2	100046.37	99518.00	98202.97	99255.78	0.96	ppb
Strontium	86-1	81.41	82.30	80.64	81.45	1.02	ppb
Strontium	88-1	80.59	81.63	81.60	81.27	0.73	ppb
Sulfur	34-1	77446.40	76480.93	77885.24	77270.86	0.93	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	20.16	20.02	20.43	20.20	1.03	ppb
Thallium	205-1	20.46	19.94	20.29	20.23	1.30	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	16.71	ppb
Tin	118-1	49.50	49.38	49.42	49.43	0.12	ppb
Titanium	47-1	2030.56	2010.44	2028.48	2023.16	0.55	ppb
Uranium	238-1	49.21	49.33	49.14	49.23	0.19	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.71	19.25	19.53	19.49	1.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	27.42	28.09	27.06	27.52	1.90	ppb
Zirconium	90-1	49.19	48.92	49.13	49.08	0.29	ppb
Zirconium	91-1	49.74	50.53	48.78	49.68	1.76	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50794.20	51189.40	50837.26	50940.29	0.43	ppb
Antimony	121-1	504.14	497.54	493.80	498.50	1.05	ppb
Arsenic	75-2	494.74	491.22	492.07	492.67	0.37	ppb
Barium	135-1	2590.91	2533.39	2530.71	2551.67	1.33	ppb
Barium	137-1	2544.28	2561.99	2512.16	2539.48	0.99	ppb
Beryllium	9-1	499.55	500.76	501.79	500.70	0.22	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	491.84	504.64	501.53	499.34	1.34	ppb
Boron	11-1	487.77	503.67	501.96	497.80	1.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	589.27	589.24	582.97	587.16	0.62	ppb
Cadmium	106-1	574.23	569.22	572.67	572.04	0.45	ppb
Cadmium	108-1	578.47	570.46	569.16	572.70	0.88	ppb
Calcium	43-1	243280.97	248422.83	245993.05	245898.95	1.05	ppb
Calcium	44-1	243039.95	246228.60	245837.75	245035.43	0.71	ppb
Chromium	52-2	491.39	493.14	489.15	491.23	0.41	ppb
Cobalt	59-2	528.62	535.94	525.56	530.04	1.01	ppb
Copper	63-2	1090.35	1094.33	1079.33	1088.00	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	54-2	119617.61	120547.21	120080.75	120081.86	0.39	ppb
Iron	56-2	120668.45	121097.99	120177.05	120647.83	0.38	ppb
Iron	57-2	120392.00	121802.05	119292.14	120495.40	1.04	ppb
Krypton	83-1						cps
Lead	206-1	505.80	511.42	516.54	511.25	1.05	ppb
Lead	207-1	511.15	516.84	525.87	517.96	1.43	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	511.79	515.13	519.75	515.56	0.77	ppb
Lithium	6-1				89		%
Magnesium	24-2	240834.30	243772.14	241649.73	242085.39	0.63	ppb
Manganese	55-2	969.34	978.98	969.34	972.55	0.57	ppb
Molybdenum	94-1	2509.21	2489.43	2491.46	2496.70	0.44	ppb
Molybdenum	95-1	2495.55	2472.40	2485.12	2484.36	0.47	ppb
Molybdenum	96-1	2472.37	2477.37	2478.46	2476.07	0.13	ppb
Molybdenum	97-1	2495.22	2468.88	2495.42	2486.51	0.61	ppb
Molybdenum	98-1	2487.18	2464.93	2471.60	2474.57	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.79	523.22	515.50	519.84	0.76	ppb
Phosphorus	31-2	9550.20	9861.17	9669.59	9693.65	1.62	ppb
Potassium	39-2	123102.74	124251.40	123111.82	123488.65	0.53	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	492.17	493.31	492.36	492.61	0.12	ppb
Selenium	77-2	528.90	487.83	499.85	505.53	4.18	ppb
Selenium	78-2	505.19	495.81	502.71	501.24	0.97	ppb
Silicon	28-1	500.93	524.52	524.35	516.60	2.63	ppb
Silver	109-1	531.16	528.43	522.99	527.52	0.79	ppb
Silver	107-1	530.63	524.90	517.16	524.23	1.29	ppb
Sodium	23-2	240111.42	241449.61	238458.25	240006.43	0.62	ppb
Strontium	86-1	501.72	499.43	500.29	500.48	0.23	ppb
Strontium	88-1	497.15	495.81	497.22	496.73	0.16	ppb
Sulfur	34-1	9878.65	10206.40	10146.77	10077.27	1.73	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	505.67	517.25	514.91	512.61	1.19	ppb
Thallium	205-1	508.61	517.64	519.33	515.19	1.12	ppb
Thorium	232-1	528.44	530.98	533.55	530.99	0.48	ppb
Tin	118-1	510.86	505.69	505.47	507.34	0.60	ppb
Titanium	47-1	2501.12	2514.17	2531.96	2515.75	0.62	ppb
Uranium	238-1	531.06	535.14	540.13	535.44	0.85	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	493.71	494.07	491.62	493.14	0.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	957.91	961.08	949.27	956.08	0.64	ppb
Zirconium	90-1	500.72	497.97	493.78	497.49	0.70	ppb
Zirconium	91-1	495.81	496.23	496.43	496.15	0.06	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.44	20.17	21.96	20.86	4.62	ppb
Antimony	121-1	2.23	2.27	2.31	2.27	1.85	ppb
Arsenic	75-2	1.07	1.15	1.01	1.08	6.70	ppb
Barium	135-1	10.29	10.32	10.45	10.35	0.85	ppb
Barium	137-1	10.36	10.18	10.45	10.33	1.31	ppb
Beryllium	9-1	1.03	1.11	0.99	1.04	6.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	27.18	27.97	29.45	28.20	4.08	ppb
Boron	11-1	27.90	28.27	28.73	28.30	1.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.14	1.02	1.12	1.09	6.19	ppb
Cadmium	106-1	1.65	0.15	1.19	1.00	77.06	ppb
Cadmium	108-1	1.05	0.94	1.00	1.00	5.25	ppb
Calcium	43-1	513.94	529.94	535.23	526.37	2.11	ppb
Calcium	44-1	518.78	524.36	513.31	518.82	1.07	ppb
Chromium	52-2	2.07	2.09	2.14	2.10	1.60	ppb
Cobalt	59-2	1.02	1.04	1.07	1.04	2.43	ppb
Copper	63-2	2.03	2.08	2.14	2.08	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	59.97	58.78	62.23	60.33	2.91	ppb
Iron	56-2	57.23	56.62	57.63	57.16	0.89	ppb
Iron	57-2	60.96	58.54	60.95	60.15	2.32	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.94	0.93	0.94	0.37	ppb
Lead	207-1	0.94	0.99	0.95	0.96	2.99	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.93	0.97	0.94	0.95	1.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	542.73	553.80	550.21	548.92	1.03	ppb
Manganese	55-2	1.15	1.07	1.08	1.10	3.91	ppb
Molybdenum	94-1	5.13	5.26	5.00	5.13	2.58	ppb
Molybdenum	95-1	5.11	5.27	5.08	5.16	1.99	ppb
Molybdenum	96-1	5.03	5.24	5.23	5.17	2.24	ppb
Molybdenum	97-1	5.13	5.30	5.30	5.25	1.90	ppb
Molybdenum	98-1	5.19	5.09	5.15	5.14	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.22	1.15	1.16	5.06	ppb
Phosphorus	31-2	19.78	28.11	23.46	23.78	17.55	ppb
Potassium	39-2	529.54	534.14	527.56	530.41	0.64	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	5.47	5.35	5.19	5.34	2.61	ppb
Selenium	77-2	5.22	5.79	4.59	5.20	11.53	ppb
Selenium	78-2	6.16	5.44	5.59	5.73	6.65	ppb
Silicon	28-1	9.35	9.69	9.95	9.67	3.10	ppb
Silver	109-1	1.24	1.18	1.24	1.22	2.89	ppb
Silver	107-1	1.20	1.16	1.21	1.19	2.22	ppb
Sodium	23-2	551.79	548.16	554.15	551.37	0.55	ppb
Strontium	86-1	0.99	0.96	0.96	0.97	1.61	ppb
Strontium	88-1	1.00	1.00	1.01	1.00	0.82	ppb
Sulfur	34-1	-88.41	-99.58	-144.52	-110.84		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.96	1.00	0.97	3.34	ppb
Thallium	205-1	0.96	0.96	0.95	0.96	0.78	ppb
Thorium	232-1	0.85	0.85	0.85	0.85	0.15	ppb
Tin	118-1	5.33	5.46	5.51	5.43	1.67	ppb
Titanium	47-1	5.29	5.08	5.08	5.15	2.35	ppb
Uranium	238-1	0.88	0.89	0.89	0.89	0.81	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.29	5.27	5.46	5.34	2.00	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2.25	2.40	2.41	2.35	3.80	ppb
Zirconium	90-1	0.97	0.96	0.96	0.96	0.56	ppb
Zirconium	91-1	1.01	0.95	0.99	0.98	3.05	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.14	-0.10	-0.07		ppb
Antimony	121-1	0.05	0.06	0.08	0.06	27.30	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	3.28	3.16	3.34	3.26	2.76	ppb
Boron	11-1	3.42	3.26	3.08	3.25	5.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.07	0.17	0.10	54.52	ppb
Cadmium	106-1	0.85	0.83	1.93	1.20	52.28	ppb
Cadmium	108-1	0.03	-0.02	-0.03	-0.01		ppb
Calcium	43-1	0.86	-0.56	0.40	0.23	312.50	ppb
Calcium	44-1	0.36	0.07	0.87	0.43	93.42	ppb
Chromium	52-2	0.00	0.00	-0.01	0.00	619.39	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.02	0.01	-0.02	-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				101		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	0.54	0.24	-0.05	0.24	120.70	ppb
Iron	56-2	0.29	0.39	0.48	0.39	23.96	ppb
Iron	57-2	0.58	0.98	0.90	0.82	25.21	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.64	0.76	0.80	0.73	11.16	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	146.62	ppb
Molybdenum	94-1	0.04	0.05	0.06	0.05	17.68	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	23.43	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	3.35	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	38.89	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	17.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-31.59	-25.72	-24.22	-27.18		ppb
Potassium	39-2	9.79	11.89	11.91	11.20	10.86	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	-0.12	-0.15	-0.07	-0.11		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.11	0.04	0.17	0.11	60.33	ppb
Silicon	28-1	-0.75	-0.82	-0.27	-0.61		ppb
Silver	109-1	0.00	0.00	0.00	0.00	53.40	ppb
Silver	107-1	0.01	0.00	0.00	0.01	59.07	ppb
Sodium	23-2	14.76	14.46	16.83	15.35	8.40	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	17.34	-24.47	55.99	16.29	247.11	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.01	0.02	31.83	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.94	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	19.13	ppb
Tin	118-1	0.02	0.03	0.02	0.02	12.27	ppb
Titanium	47-1	0.02	-0.01	0.00	0.00	363.50	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	0.08	0.04	0.04	88.21	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	102.49	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	46.81	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:44:07	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.67	21.57	22.00	21.75	1.03	ppb
Antimony	121-1	2.17	2.22	2.21	2.20	1.25	ppb
Arsenic	75-2	1.04	1.09	1.21	1.11	7.78	ppb
Barium	135-1	10.80	10.79	10.89	10.82	0.49	ppb
Barium	137-1	10.83	10.69	10.93	10.82	1.15	ppb
Beryllium	9-1	1.06	1.04	1.09	1.06	2.43	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	27.09	27.45	29.18	27.91	4.01	ppb
Boron	11-1	27.11	27.72	28.20	27.68	1.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.15	1.22	1.23	1.20	3.50	ppb
Cadmium	106-1	2.04	2.24	2.14	2.14	4.55	ppb
Cadmium	108-1	1.02	1.29	1.10	1.14	12.12	ppb
Calcium	43-1	542.37	543.73	534.65	540.25	0.91	ppb
Calcium	44-1	535.25	532.27	538.68	535.40	0.60	ppb
Chromium	52-2	2.11	2.07	2.04	2.07	1.71	ppb
Cobalt	59-2	1.10	1.05	1.09	1.08	2.54	ppb
Copper	63-2	2.21	2.11	2.21	2.18	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	63.04	62.67	62.16	62.63	0.71	ppb
Iron	56-2	57.36	58.03	59.06	58.15	1.47	ppb
Iron	57-2	63.36	60.81	61.01	61.73	2.30	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.00	1.00	1.00	0.65	ppb
Lead	207-1	0.98	0.98	0.99	0.98	0.54	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:44:07	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.01	1.01	1.01	1.01	0.29	ppb
Lithium	6-1				106		%
Magnesium	24-2	567.12	566.01	571.57	568.23	0.52	ppb
Manganese	55-2	1.11	1.12	1.17	1.13	3.01	ppb
Molybdenum	94-1	5.09	4.93	5.07	5.03	1.66	ppb
Molybdenum	95-1	5.38	5.31	5.31	5.33	0.74	ppb
Molybdenum	96-1	5.22	5.20	5.30	5.24	1.01	ppb
Molybdenum	97-1	5.19	5.27	5.22	5.23	0.72	ppb
Molybdenum	98-1	5.31	5.41	5.27	5.33	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.18	1.24	1.21	2.29	ppb
Phosphorus	31-2	45.44	45.13	37.75	42.77	10.19	ppb
Potassium	39-2	540.52	539.23	542.70	540.81	0.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	6.16	6.13	6.15	6.15	0.23	ppb
Selenium	77-2	4.09	4.42	5.91	4.81	20.08	ppb
Selenium	78-2	7.19	7.28	5.95	6.81	10.91	ppb
Silicon	28-1	4.70	4.88	4.77	4.78	1.93	ppb
Silver	109-1	1.15	1.16	1.15	1.15	0.45	ppb
Silver	107-1	1.15	1.16	1.17	1.16	0.96	ppb
Sodium	23-2	566.58	559.50	572.87	566.31	1.18	ppb
Strontium	86-1	1.10	0.98	1.00	1.03	6.02	ppb
Strontium	88-1	1.03	1.03	1.04	1.03	0.48	ppb
Sulfur	34-1	-19.99	-101.94	-57.11	-59.68		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.99	0.96	1.02	0.99	2.86	ppb
Thallium	205-1	0.98	0.99	0.98	0.99	0.46	ppb
Thorium	232-1	0.77	0.73	0.71	0.74	3.64	ppb
Tin	118-1	5.61	5.51	5.60	5.57	0.95	ppb
Titanium	47-1	5.47	5.47	5.15	5.36	3.40	ppb
Uranium	238-1	0.91	0.93	0.93	0.92	1.11	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:44:07	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.50	5.65	5.53	5.56	1.41	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	2.54	2.34	2.47	2.45	4.11	ppb
Zirconium	90-1	0.90	0.88	0.87	0.88	1.55	ppb
Zirconium	91-1	0.94	0.89	0.93	0.92	3.00	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19943.84	19775.74	20216.03	19978.54	1.11	ppb
Antimony	121-1	1.89	1.83	1.86	1.86	1.52	ppb
Arsenic	75-2	13.49	13.14	13.72	13.45	2.17	ppb
Barium	135-1	401.03	396.28	391.11	396.14	1.25	ppb
Barium	137-1	403.08	396.96	391.83	397.29	1.42	ppb
Beryllium	9-1	1.20	1.25	1.18	1.21	3.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	25.48	27.46	25.68	26.21	4.17	ppb
Boron	11-1	25.64	25.81	25.36	25.60	0.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	3.27	3.29	3.29	3.28	0.26	ppb
Cadmium	106-1	6.68	5.80	5.95	6.14	7.66	ppb
Cadmium	108-1	3.64	3.38	3.42	3.48	3.94	ppb
Calcium	43-1	41399.94	41297.64	41643.10	41446.89	0.43	ppb
Calcium	44-1	41391.67	41267.86	41123.21	41260.91	0.33	ppb
Chromium	52-2	56.48	56.62	56.06	56.39	0.51	ppb
Cobalt	59-2	17.96	17.67	17.98	17.87	0.97	ppb
Copper	63-2	182.70	179.45	183.21	181.79	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	40148.94	39910.02	39727.78	39928.91	0.53	ppb
Iron	56-2	40421.87	40294.03	40118.71	40278.21	0.38	ppb
Iron	57-2	40635.77	40166.98	40806.17	40536.30	0.82	ppb
Krypton	83-1						cps
Lead	206-1	529.45	547.78	533.51	536.91	1.79	ppb
Lead	207-1	521.21	528.49	520.49	523.40	0.85	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	529.08	534.07	526.17	529.77	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	9957.79	9821.98	10140.35	9973.37	1.60	ppb
Manganese	55-2	656.51	655.04	654.62	655.39	0.15	ppb
Molybdenum	94-1	6.45	6.57	6.38	6.47	1.44	ppb
Molybdenum	95-1	3.03	3.06	3.10	3.06	1.14	ppb
Molybdenum	96-1	3.91	4.01	3.82	3.91	2.45	ppb
Molybdenum	97-1	2.97	3.14	3.06	3.06	2.80	ppb
Molybdenum	98-1	3.03	3.09	3.06	3.06	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.87	47.90	48.89	48.55	1.17	ppb
Phosphorus	31-2	1001.92	1010.14	1027.32	1013.13	1.28	ppb
Potassium	39-2	6104.96	6183.90	6264.79	6184.55	1.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	1.61	1.61	1.48	1.57	5.00	ppb
Selenium	77-2	17.44	12.13	17.79	15.79	20.08	ppb
Selenium	78-2	4.38	4.16	4.34	4.29	2.76	ppb
Silicon	28-1	9780.33	9706.63	9586.73	9691.23	1.01	ppb
Silver	109-1	0.66	0.63	0.69	0.66	4.40	ppb
Silver	107-1	0.63	0.66	0.66	0.65	2.26	ppb
Sodium	23-2	56033.56	55145.50	56762.84	55980.63	1.45	ppb
Strontium	86-1	268.73	269.51	267.53	268.59	0.37	ppb
Strontium	88-1	269.08	268.49	265.32	267.63	0.76	ppb
Sulfur	34-1	3544.33	3431.29	3355.93	3443.85	2.75	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.43	0.42	0.43	0.43	1.71	ppb
Thallium	205-1	0.43	0.42	0.43	0.42	0.98	ppb
Thorium	232-1	3.81	3.93	3.81	3.85	1.84	ppb
Tin	118-1	36.84	37.04	36.90	36.93	0.28	ppb
Titanium	47-1	857.91	863.13	854.51	858.51	0.51	ppb
Uranium	238-1	1.33	1.31	1.32	1.32	0.88	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	64.34	64.73	64.25	64.44	0.39	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	1133.05	1124.81	1150.03	1135.97	1.13	ppb
Zirconium	90-1	2.74	2.82	2.78	2.78	1.36	ppb
Zirconium	91-1	2.74	2.83	2.92	2.83	3.34	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52587.41	51437.16	51192.18	51738.92	1.44	ppb
Antimony	121-1	494.66	498.62	506.32	499.87	1.19	ppb
Arsenic	75-2	497.78	488.24	487.25	491.09	1.18	ppb
Barium	135-1	2544.15	2572.06	2563.05	2559.75	0.56	ppb
Barium	137-1	2537.35	2543.72	2566.09	2549.06	0.59	ppb
Beryllium	9-1	498.15	494.55	503.38	498.69	0.89	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Boron	10-1	487.66	493.33	501.68	494.22	1.43	ppb
Boron	11-1	487.98	490.82	505.76	494.85	1.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	585.44	591.69	597.36	591.50	1.01	ppb
Cadmium	106-1	578.59	588.58	591.05	586.07	1.13	ppb
Cadmium	108-1	576.34	584.31	587.96	582.87	1.02	ppb
Calcium	43-1	246900.36	245517.86	248091.18	246836.47	0.52	ppb
Calcium	44-1	245412.83	243274.89	245406.55	244698.09	0.50	ppb
Chromium	52-2	505.77	499.08	497.92	500.92	0.85	ppb
Cobalt	59-2	545.05	536.88	539.33	540.42	0.78	ppb
Copper	63-2	1121.47	1103.47	1107.42	1110.79	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	54-2	123610.28	121357.47	121117.93	122028.56	1.13	ppb
Iron	56-2	123192.58	122638.50	120720.14	122183.74	1.06	ppb
Iron	57-2	123318.20	121472.50	122559.38	122450.03	0.76	ppb
Krypton	83-1						cps
Lead	206-1	510.89	515.68	509.66	512.07	0.62	ppb
Lead	207-1	514.41	522.20	519.50	518.70	0.76	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	514.86	519.26	516.14	516.75	0.44	ppb
Lithium	6-1				89		%
Magnesium	24-2	249195.05	243984.34	245817.86	246332.42	1.07	ppb
Manganese	55-2	995.43	988.16	985.16	989.59	0.53	ppb
Molybdenum	94-1	2508.25	2507.28	2500.03	2505.19	0.18	ppb
Molybdenum	95-1	2474.26	2475.00	2490.16	2479.81	0.36	ppb
Molybdenum	96-1	2490.73	2510.02	2509.55	2503.43	0.44	ppb
Molybdenum	97-1	2491.89	2490.13	2518.33	2500.12	0.63	ppb
Molybdenum	98-1	2480.63	2482.47	2502.91	2488.67	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.48	529.44	533.55	534.49	1.04	ppb
Phosphorus	31-2	10057.37	9699.48	9822.02	9859.62	1.84	ppb
Potassium	39-2	124564.23	123455.88	124326.39	124115.50	0.47	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	496.05	490.37	497.41	494.61	0.75	ppb
Selenium	77-2	496.04	481.88	494.52	490.81	1.58	ppb
Selenium	78-2	501.17	502.97	503.62	502.59	0.25	ppb
Silicon	28-1	511.22	516.92	517.68	515.27	0.68	ppb
Silver	109-1	524.46	527.05	532.66	528.06	0.79	ppb
Silver	107-1	526.45	527.33	531.47	528.42	0.51	ppb
Sodium	23-2	246264.59	244190.42	244052.42	244835.81	0.51	ppb
Strontium	86-1	500.96	495.95	501.07	499.33	0.59	ppb
Strontium	88-1	494.62	498.75	498.03	497.14	0.44	ppb
Sulfur	34-1	10642.09	10469.10	10178.72	10429.97	2.24	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	512.65	516.39	515.50	514.85	0.38	ppb
Thallium	205-1	510.97	515.37	510.91	512.42	0.50	ppb
Thorium	232-1	544.07	537.82	530.42	537.44	1.27	ppb
Tin	118-1	498.83	512.25	520.50	510.53	2.14	ppb
Titanium	47-1	2501.82	2492.48	2499.97	2498.09	0.20	ppb
Uranium	238-1	553.26	552.05	542.26	549.19	1.10	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.47	495.71	497.22	498.13	0.60	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	990.08	974.49	966.27	976.95	1.24	ppb
Zirconium	90-1	502.91	497.50	494.14	498.19	0.89	ppb
Zirconium	91-1	505.57	499.88	497.72	501.06	0.81	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.08	1.65	0.87	1.20	33.89	ppb
Antimony	121-1	0.67	0.79	0.83	0.76	11.26	ppb
Arsenic	75-2	0.01	0.06	0.03	0.03	71.91	ppb
Barium	135-1	0.06	0.07	0.03	0.05	39.64	ppb
Barium	137-1	0.06	0.05	0.05	0.05	11.37	ppb
Beryllium	9-1	0.03	0.05	0.02	0.03	32.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	11.14	10.48	9.59	10.40	7.49	ppb
Boron	11-1	11.63	10.47	10.17	10.76	7.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.13	0.10	0.12	0.12	12.28	ppb
Cadmium	106-1	1.19	0.84	1.08	1.04	17.29	ppb
Cadmium	108-1	0.03	0.08	0.05	0.05	48.28	ppb
Calcium	43-1	8.35	7.72	4.03	6.70	34.81	ppb
Calcium	44-1	5.35	4.98	4.98	5.10	4.23	ppb
Chromium	52-2	0.02	0.00	0.01	0.01	57.00	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	450.37	ppb
Copper	63-2	0.04	0.00	0.03	0.03	74.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	3.73	3.11	3.93	3.59	11.81	ppb
Iron	56-2	3.89	3.85	3.83	3.86	0.80	ppb
Iron	57-2	4.46	4.26	4.04	4.25	4.97	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	3.00	ppb
Lead	207-1	0.04	0.04	0.03	0.04	10.25	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.04	0.04	0.04	0.04	11.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.60	4.90	4.32	4.94	12.98	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	3.19	ppb
Molybdenum	94-1	0.39	0.42	0.45	0.42	7.83	ppb
Molybdenum	95-1	0.40	0.42	0.43	0.42	3.29	ppb
Molybdenum	96-1	0.44	0.42	0.42	0.43	2.41	ppb
Molybdenum	97-1	0.42	0.48	0.41	0.44	8.43	ppb
Molybdenum	98-1	0.39	0.44	0.41	0.42	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	91.97	ppb
Phosphorus	31-2	-24.34	-29.20	-28.00	-27.18		ppb
Potassium	39-2	18.08	18.21	14.12	16.80	13.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.12	0.10	-0.26	-0.09		ppb
Selenium	77-2	-0.07	0.13	-0.07	0.00	66108.52	ppb
Selenium	78-2	0.53	-0.37	0.06	0.07	612.87	ppb
Silicon	28-1	1.18	0.96	0.61	0.92	31.23	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.79	ppb
Silver	107-1	0.04	0.03	0.03	0.03	7.12	ppb
Sodium	23-2	44.85	42.34	40.21	42.47	5.47	ppb
Strontium	86-1	0.01	0.00	0.00	0.01	69.48	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.28	ppb
Sulfur	34-1	-360.69	-277.57	-278.74	-305.67		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.06	0.06	0.06	13.63	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	12.32	ppb
Thorium	232-1	0.11	0.11	0.12	0.11	2.79	ppb
Tin	118-1	0.25	0.27	0.32	0.28	13.44	ppb
Titanium	47-1	0.17	0.18	0.16	0.17	4.96	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.07	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.00	76.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.11	0.01	0.05	0.06	85.16	ppb
Zirconium	90-1	0.06	0.06	0.09	0.07	20.87	ppb
Zirconium	91-1	0.09	0.07	0.07	0.08	13.97	ppb

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	75	58	28.57	cps
Antimony	121-1	117	133	133	128	7.53	cps
Arsenic	75-2	9	17	22	16	40.51	cps
Barium	135-1	125	108	58	97	35.68	cps
Barium	137-1	100	175	92	122	37.55	cps
Beryllium	9-1	144	172	161	159	8.78	cps
Bismuth	209-1	18041367	18637424	18512644	18397145	1.71	cps
Bismuth	209-2	10623993	10639429	10399809	10554410	1.27	cps
Boron	10-1	692	583	608	628	9.04	cps
Boron	11-1	2675	2642	2650	2656	0.65	cps
Bromine	81-1	67709	69246	72064	69673	3.17	cps
Bromine	81-2	90	120	150	120	25.00	cps
Cadmium	111-1	10851	11264	11555	11223	3.15	cps
Cadmium	106-1	15426	16093	16435	15985	3.21	cps
Cadmium	108-1	25	50	42	39	32.73	cps
Calcium	43-1	350	417	350	372	10.34	cps
Calcium	44-1	17804	17336	17629	17590	1.34	cps
Chromium	52-2	1803	1720	1727	1750	2.65	cps
Cobalt	59-2	157	167	180	168	6.98	cps
Copper	63-2	1747	1730	1690	1722	1.69	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	20	17	30	22	31.22	cps
Erbium	164-1	158	117	158	144	16.66	cps
Erbium	164-2	77	83	77	79	4.87	cps
Gadolinium	160-1	258	192	267	239	17.21	cps
Gadolinium	160-2	503	490	467	487	3.81	cps
Holmium	165-1	29994199	30656186	30469536	30373307	1.12	cps
Holmium	165-2	14505331	14240547	14239788	14328555	1.07	cps
Indium	115-1	24627144	25260288	24947680	24945038	1.27	cps
Indium	115-2	4193833	4159291	4127918	4160348	0.79	cps
Iron	54-2	831	781	861	824	4.91	cps
Iron	56-2	7452	7313	6980	7248	3.35	cps
Iron	57-2	317	339	306	320	5.30	cps
Krypton	83-1	703	607	673	661	7.48	cps
Lead	206-1	2184	2295	2134	2204	3.74	cps
Lead	207-1	1956	1878	1989	1941	2.94	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7934	8084	8246	8088	1.92	cps
Lithium	6-1	7194329	7222327	7309193	7241949	0.83	cps
Magnesium	24-2	217	367	308	297	25.44	cps
Manganese	55-2	63	107	67	79	30.57	cps
Molybdenum	94-1	567	617	592	592	4.23	cps
Molybdenum	95-1	117	150	150	139	13.86	cps
Molybdenum	96-1	325	400	417	381	12.83	cps
Molybdenum	97-1	142	150	125	139	9.16	cps
Molybdenum	98-1	275	175	250	233	22.30	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	27	0	7	11	124.89	cps
Nickel	60-2	80	167	123	123	35.14	cps
Phosphorus	31-2	217	242	242	233	6.19	cps
Potassium	39-2	33514	33264	34332	33703	1.66	cps
Rhodium	103-1	22583162	23342744	23209310	23045072	1.76	cps
Rhodium	103-2	10116647	10023315	10051780	10063914	0.48	cps
Scandium	45-1	16813268	17207606	17150622	17057165	1.25	cps
Scandium	45-2	650911	651464	639516	647297	1.04	cps
Selenium	82-1	23	175	55	84	95.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	106	117	65	96	28.53	cps
Silicon	28-1	372323	373340	371105	372256	0.30	cps
Silver	109-1	167	108	142	139	21.07	cps
Silver	107-1	350	275	383	336	16.51	cps
Sodium	23-2	24003	23920	23903	23942	0.22	cps
Strontium	86-1	1192	1033	1142	1122	7.21	cps
Strontium	88-1	167	200	200	189	10.19	cps
Sulfur	34-1	772472	781841	781192	778502	0.67	cps
Terbium	159-1	30993576	31651578	31496781	31380645	1.10	cps
Terbium	159-2	14057588	14092369	13902291	14017416	0.72	cps
Thallium	203-1	842	817	850	836	2.07	cps
Thallium	205-1	1609	1800	1717	1709	5.63	cps
Thorium	232-1	1700	1861	1739	1767	4.76	cps
Tin	118-1	1533	1700	1267	1500	14.57	cps
Titanium	47-1	225	258	208	231	11.04	cps
Uranium	238-1	1984	2225	2192	2134	6.14	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:24:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	37	63	41	49.54	cps
Yttrium	89-1	34649464	35156274	35299607	35035115	0.97	cps
Yttrium	89-2	4257342	4202630	4211904	4223959	0.69	cps
Zinc	66-2	610	610	610	610	0.00	cps
Zirconium	90-1	2067	1750	1700	1839	10.81	cps
Zirconium	91-1	392	367	367	375	3.85	cps

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 11:27:56 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3442	3267	3184	3298	4.00	cps
Antimony	121-1	37601	37200	37434	37412	0.54	cps
Arsenic	75-2	619	567	506	564	10.03	cps
Barium	135-1	51780	52232	51647	51887	0.59	cps
Barium	137-1	89874	90780	92534	91063	1.48	cps
Beryllium	9-1	4445	4668	4756	4623	3.47	cps
Bismuth	209-1	19167936	19044370	19193251	19135186	0.42	cps
Bismuth	209-2	10668836	10733901	10763953	10722230	0.45	cps
Boron	10-1	20707	21458	21116	21093	1.78	cps
Boron	11-1	98966	100492	98075	99178	1.23	cps
Bromine	81-1	71651	71792	70574	71339	0.93	cps
Bromine	81-2	40	60	100	67	45.83	cps
Cadmium	111-1	17059	17707	17460	17409	1.88	cps
Cadmium	106-1	16510	17428	16861	16933	2.74	cps
Cadmium	108-1	529	521	450	500	8.70	cps
Calcium	43-1	37541	36103	36538	36727	2.01	cps
Calcium	44-1	603387	610027	598278	603898	0.98	cps
Chromium	52-2	12415	12169	11094	11893	5.91	cps
Cobalt	59-2	9650	8716	8049	8805	9.13	cps
Copper	63-2	14838	14374	13333	14182	5.43	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	17	17	23	19	20.36	cps
Erbium	164-1	200	167	167	178	10.83	cps
Erbium	164-2	90	60	73	74	20.19	cps
Gadolinium	160-1	242	283	283	269	8.93	cps
Gadolinium	160-2	483	477	493	484	1.73	cps
Holmium	165-1	31620179	31702178	31424041	31582133	0.45	cps
Holmium	165-2	14489909	14731539	14525927	14582458	0.89	cps
Indium	115-1	25422077	25406049	25555736	25461287	0.32	cps
Indium	115-2	4220358	4281819	4218300	4240159	0.85	cps
Iron	54-2	13530	13611	11637	12926	8.64	cps
Iron	56-2	243381	231619	208516	227839	7.78	cps
Iron	57-2	6407	6313	5351	6024	9.70	cps
Krypton	83-1	737	693	707	712	3.12	cps
Lead	206-1	17879	17584	17885	17783	0.97	cps
Lead	207-1	15560	15231	15443	15411	1.08	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:27:56	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	70914	70263	69394	70190	1.09	cps
Lithium	6-1	7390045	7475222	7416461	7427242	0.59	cps
Magnesium	24-2	217638	206776	190472	204962	6.67	cps
Manganese	55-2	3310	3227	2874	3137	7.39	cps
Molybdenum	94-1	43208	42456	42974	42879	0.90	cps
Molybdenum	95-1	56128	55359	54807	55431	1.20	cps
Molybdenum	96-1	61568	59768	59802	60379	1.71	cps
Molybdenum	97-1	34844	34760	34451	34685	0.60	cps
Molybdenum	98-1	85600	89406	89146	88050	2.41	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2850	2717	2504	2690	6.50	cps
Phosphorus	31-2	1000	692	592	761	27.97	cps
Potassium	39-2	245416	241570	225966	237651	4.33	cps
Rhodium	103-1	23761631	23747549	23855643	23788274	0.25	cps
Rhodium	103-2	10170652	10382471	10124124	10225749	1.35	cps
Scandium	45-1	17393888	17466501	17390831	17417073	0.25	cps
Scandium	45-2	649578	668008	651589	656391	1.54	cps
Selenium	82-1	2613	2812	2580	2668	4.70	cps
Selenium	77-2	60	93	103	86	26.52	cps
Selenium	78-2	404	346	346	365	9.07	cps
Silicon	28-1	542146	541068	552900	545371	1.20	cps
Silver	109-1	28004	27962	27929	27965	0.13	cps
Silver	107-1	30333	29189	30183	29902	2.08	cps
Sodium	23-2	453858	437621	412701	434727	4.77	cps
Strontium	86-1	8520	8536	8419	8492	0.74	cps
Strontium	88-1	63685	65291	63424	64133	1.58	cps
Sulfur	34-1	799742	801087	789717	796849	0.78	cps
Terbium	159-1	31893371	31957513	32299137	32050007	0.68	cps
Terbium	159-2	14334926	14446311	14330335	14370524	0.46	cps
Thallium	203-1	20466	20216	20533	20405	0.82	cps
Thallium	205-1	47068	47570	49351	47996	2.50	cps
Thorium	232-1	50431	48451	47621	48834	2.96	cps
Tin	118-1	89979	90156	91439	90525	0.88	cps
Titanium	47-1	16693	16135	16310	16379	1.74	cps
Uranium	238-1	60443	60326	60484	60418	0.14	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:27:56	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22597	21122	19897	21205	6.38	cps
Yttrium	89-1	35594219	35861989	35786224	35747477	0.39	cps
Yttrium	89-2	4277312	4386634	4288945	4317630	1.39	cps
Zinc	66-2	2817	2557	2617	2664	5.11	cps
Zirconium	90-1	31051	30475	29139	30222	3.25	cps
Zirconium	91-1	6844	6660	6618	6707	1.79	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191975	191901	192432	192103	0.15	cps
Antimony	121-1	961543	965458	967036	964679	0.29	cps
Arsenic	75-2	29988	30397	29912	30099	0.87	cps
Barium	135-1	1326194	1300398	1317944	1314845	1.00	cps
Barium	137-1	2259527	2288566	2263103	2270399	0.70	cps
Beryllium	9-1	230926	231564	229047	230513	0.57	cps
Bismuth	209-1	18925256	19197100	19213056	19111804	0.85	cps
Bismuth	209-2	10572073	10704456	10541309	10605946	0.82	cps
Boron	10-1	40940	40580	41483	41001	1.11	cps
Boron	11-1	190271	192660	195029	192653	1.23	cps
Bromine	81-1	67738	69568	69187	68831	1.40	cps
Bromine	81-2	110	120	110	113	5.09	cps
Cadmium	111-1	307797	311989	311224	310337	0.72	cps
Cadmium	106-1	50826	52256	49429	50837	2.78	cps
Cadmium	108-1	23683	24062	23445	23730	1.31	cps
Calcium	43-1	360259	356940	359381	358860	0.48	cps
Calcium	44-1	5671005	5643500	5635742	5650082	0.33	cps
Chromium	52-2	295528	293976	294462	294655	0.27	cps
Cobalt	59-2	495424	498179	495485	496363	0.32	cps
Copper	63-2	701738	701523	699136	700799	0.21	cps
Dysprosium	156-1	92	100	75	89	14.33	cps
Dysprosium	156-2	63	30	53	49	34.99	cps
Erbium	164-1	117	125	158	133	16.54	cps
Erbium	164-2	77	63	67	69	10.08	cps
Gadolinium	160-1	208	308	250	256	19.65	cps
Gadolinium	160-2	473	520	447	480	7.73	cps
Holmium	165-1	31435764	31394338	31491893	31440665	0.16	cps
Holmium	165-2	14548729	14553808	14493435	14531991	0.23	cps
Indium	115-1	24934797	25352174	25387655	25224875	1.00	cps
Indium	115-2	4132418	4173770	4142388	4149526	0.52	cps
Iron	54-2	690011	697404	688254	691890	0.70	cps
Iron	56-2	12476965	12477651	12378117	12444244	0.46	cps
Iron	57-2	309644	312252	308344	310080	0.64	cps
Krypton	83-1	680	677	710	689	2.67	cps
Lead	206-1	795212	799702	802260	799058	0.45	cps
Lead	207-1	687317	693672	703357	694782	1.16	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3158838	3196240	3218781	3191286	0.95	cps
Lithium	6-1	7307447	7344063	7297534	7316348	0.33	cps
Magnesium	24-2	2322862	2287926	2305549	2305446	0.76	cps
Manganese	55-2	337644	342474	338379	339499	0.77	cps
Molybdenum	94-1	2151521	2157073	2148025	2152206	0.21	cps
Molybdenum	95-1	2640418	2644802	2670524	2651915	0.61	cps
Molybdenum	96-1	2936871	2923064	2942263	2934066	0.34	cps
Molybdenum	97-1	1620167	1639928	1628602	1629566	0.61	cps
Molybdenum	98-1	4235250	4240988	4242891	4239710	0.09	cps
Neodymium	150-1	173	187	153	171	9.80	cps
Neodymium	150-2	23	13	3	13	75.02	cps
Nickel	60-2	131376	133875	130469	131906	1.34	cps
Phosphorus	31-2	10821	11747	11505	11358	4.23	cps
Potassium	39-2	1095161	1104380	1100404	1099982	0.42	cps
Rhodium	103-1	23460614	23242387	23343929	23348977	0.47	cps
Rhodium	103-2	9944880	9993150	9906402	9948144	0.44	cps
Scandium	45-1	16994174	17109364	17023838	17042459	0.35	cps
Scandium	45-2	629518	640677	634517	634904	0.88	cps
Selenium	82-1	24196	24478	24540	24405	0.75	cps
Selenium	77-2	877	970	847	898	7.16	cps
Selenium	78-2	3060	2937	2956	2984	2.21	cps
Silicon	28-1	1199064	1205740	1210978	1205261	0.50	cps
Silver	109-1	1323728	1342946	1333329	1333335	0.72	cps
Silver	107-1	1401607	1403592	1409862	1405020	0.31	cps
Sodium	23-2	4336326	4370829	4367424	4358193	0.44	cps
Strontium	86-1	363542	370004	363363	365637	1.03	cps
Strontium	88-1	3130978	3182046	3192375	3168466	1.04	cps
Sulfur	34-1	908456	908304	898677	905146	0.62	cps
Terbium	159-1	32100970	31988401	32366282	32151885	0.60	cps
Terbium	159-2	14377630	14305128	14248761	14310506	0.45	cps
Thallium	203-1	978828	970060	980379	976423	0.57	cps
Thallium	205-1	2332034	2334685	2366746	2344489	0.82	cps
Thorium	232-1	3176223	3221397	3147598	3181739	1.17	cps
Tin	118-1	879129	885812	878088	881010	0.48	cps
Titanium	47-1	794465	791517	793654	793212	0.19	cps
Uranium	238-1	3073346	3077127	3059104	3069859	0.31	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:33:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	235473	234671	235047	235064	0.17	cps
Yttrium	89-1	35512747	35597235	35648449	35586144	0.19	cps
Yttrium	89-2	4193888	4217571	4201928	4204462	0.29	cps
Zinc	66-2	102288	102147	102117	102184	0.09	cps
Zirconium	90-1	1765848	1743237	1766564	1758550	0.75	cps
Zirconium	91-1	391259	389730	394736	391908	0.65	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	460519	465704	467518	464581	0.78	cps
Antimony	121-1	2468493	2481680	2513159	2487777	0.92	cps
Arsenic	75-2	72935	74121	74750	73935	1.25	cps
Barium	135-1	3317405	3340743	3390091	3349413	1.11	cps
Barium	137-1	5709977	5781720	5866381	5786026	1.35	cps
Beryllium	9-1	560838	563648	568899	564462	0.72	cps
Bismuth	209-1	18644421	18679968	18932135	18752174	0.84	cps
Bismuth	209-2	10138379	10287529	10410998	10278969	1.33	cps
Boron	10-1	98278	100072	98630	98993	0.96	cps
Boron	11-1	461046	461230	473024	465100	1.48	cps
Bromine	81-1	64932	67023	66711	66222	1.70	cps
Bromine	81-2	60	70	110	80	33.08	cps
Cadmium	111-1	765319	773617	771175	770037	0.55	cps
Cadmium	106-1	103713	104115	107583	105137	2.02	cps
Cadmium	108-1	59215	59617	60943	59925	1.51	cps
Calcium	43-1	893213	892123	897060	894132	0.29	cps
Calcium	44-1	14055491	14115985	14302426	14157968	0.91	cps
Chromium	52-2	699568	712247	712587	708134	1.05	cps
Cobalt	59-2	1180555	1204390	1208452	1197799	1.26	cps
Copper	63-2	1658352	1688986	1689943	1679094	1.07	cps
Dysprosium	156-1	200	183	200	194	4.95	cps
Dysprosium	156-2	100	83	107	97	12.43	cps
Erbium	164-1	292	133	167	197	42.32	cps
Erbium	164-2	90	77	93	87	10.18	cps
Gadolinium	160-1	325	233	358	306	21.18	cps
Gadolinium	160-2	487	537	490	504	5.54	cps
Holmium	165-1	31045400	30870289	31399016	31104902	0.87	cps
Holmium	165-2	14214994	14187298	14462108	14288133	1.06	cps
Indium	115-1	24329850	24529788	24751158	24536932	0.86	cps
Indium	115-2	3936541	3973074	3989254	3966290	0.68	cps
Iron	54-2	1659988	1691041	1714685	1688572	1.62	cps
Iron	56-2	30072414	30320717	30534167	30309099	0.76	cps
Iron	57-2	743147	751340	759369	751286	1.08	cps
Krypton	83-1	613	737	680	677	9.12	cps
Lead	206-1	2058548	2048736	2113856	2073714	1.69	cps
Lead	207-1	1781039	1778775	1817644	1792486	1.22	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	8186208	8173013	8390250	8249823	1.48	cps
Lithium	6-1	6914150	6930972	6983125	6942749	0.52	cps
Magnesium	24-2	5426998	5437226	5536184	5466803	1.10	cps
Manganese	55-2	816684	826922	838781	827462	1.34	cps
Molybdenum	94-1	5526714	5485312	5446823	5486283	0.73	cps
Molybdenum	95-1	6641813	6599041	6645538	6628797	0.39	cps
Molybdenum	96-1	7414133	7286986	7379882	7360334	0.89	cps
Molybdenum	97-1	4156242	4128795	4187586	4157541	0.71	cps
Molybdenum	98-1	10618998	10607049	10694163	10640070	0.44	cps
Neodymium	150-1	427	507	440	458	9.36	cps
Neodymium	150-2	33	43	47	41	16.89	cps
Nickel	60-2	314661	318751	321193	318202	1.04	cps
Phosphorus	31-2	27626	27777	27568	27657	0.39	cps
Potassium	39-2	2546301	2605385	2627978	2593221	1.63	cps
Rhodium	103-1	22385817	22213235	22780917	22459990	1.30	cps
Rhodium	103-2	9397689	9458701	9465139	9440510	0.39	cps
Scandium	45-1	16363540	16382105	16476680	16407442	0.37	cps
Scandium	45-2	586337	597031	600805	594724	1.26	cps
Selenium	82-1	61150	60771	62050	61324	1.07	cps
Selenium	77-2	2114	2164	2360	2212	5.89	cps
Selenium	78-2	7259	7230	7545	7345	2.37	cps
Silicon	28-1	2274154	2271660	2291302	2279039	0.47	cps
Silver	109-1	3378902	3337844	3421049	3379265	1.23	cps
Silver	107-1	3508644	3518211	3561825	3529560	0.80	cps
Sodium	23-2	10210229	10388441	10493814	10364161	1.38	cps
Strontium	86-1	921681	920672	927723	923359	0.41	cps
Strontium	88-1	7929883	7954504	8052919	7979102	0.82	cps
Sulfur	34-1	1056645	1055410	1060318	1057458	0.24	cps
Terbium	159-1	31708010	31589108	32237915	31845011	1.08	cps
Terbium	159-2	13875353	13947562	14141989	13988301	0.99	cps
Thallium	203-1	2523670	2472495	2537358	2511174	1.36	cps
Thallium	205-1	6006419	5970222	6100914	6025852	1.12	cps
Thorium	232-1	8374384	8383937	8396217	8384846	0.13	cps
Tin	118-1	2262539	2272850	2282323	2272571	0.44	cps
Titanium	47-1	1979195	1982010	1987842	1983016	0.22	cps
Uranium	238-1	7816457	7950874	7954530	7907287	1.00	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:37:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	563097	568318	573021	568145	0.87	cps
Yttrium	89-1	34412570	34628049	34870349	34636989	0.66	cps
Yttrium	89-2	3995378	4026445	4065050	4028958	0.87	cps
Zinc	66-2	249372	249625	250992	249996	0.35	cps
Zirconium	90-1	4547493	4625091	4622918	4598500	0.96	cps
Zirconium	91-1	1018602	1026055	1036355	1027004	0.87	cps

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 11:41:18 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882778	878931	894616	885441	0.92	cps
Antimony	121-1	4769602	4726468	4766609	4754226	0.51	cps
Arsenic	75-2	140987	142675	145043	142902	1.43	cps
Barium	135-1	6421667	6351998	6376391	6383352	0.55	cps
Barium	137-1	11129711	11000975	10993511	11041399	0.69	cps
Beryllium	9-1	1040994	1051932	1039828	1044252	0.64	cps
Bismuth	209-1	18468049	18391686	18576211	18478649	0.50	cps
Bismuth	209-2	10288272	10213218	10269793	10257095	0.38	cps
Boron	10-1	181835	185062	183039	183312	0.89	cps
Boron	11-1	857068	868210	861570	862282	0.65	cps
Bromine	81-1	64289	66833	66370	65831	2.06	cps
Bromine	81-2	110	130	90	110	18.19	cps
Cadmium	111-1	1449331	1445129	1437198	1443886	0.43	cps
Cadmium	106-1	183332	182875	186534	184247	1.08	cps
Cadmium	108-1	113090	112190	113799	113026	0.71	cps
Calcium	43-1	1690925	1687383	1678818	1685709	0.37	cps
Calcium	44-1	26991242	26747189	26825312	26854581	0.46	cps
Chromium	52-2	1362135	1371422	1370215	1367924	0.37	cps
Cobalt	59-2	2291769	2297633	2304042	2297815	0.27	cps
Copper	63-2	3193232	3184949	3211506	3196562	0.43	cps
Dysprosium	156-1	267	217	175	219	20.91	cps
Dysprosium	156-2	220	130	200	183	25.78	cps
Erbium	164-1	133	192	200	175	20.76	cps
Erbium	164-2	93	97	77	89	12.05	cps
Gadolinium	160-1	383	358	400	381	5.51	cps
Gadolinium	160-2	567	507	540	538	5.59	cps
Holmium	165-1	30701305	31167002	31288098	31052135	1.00	cps
Holmium	165-2	14299755	14327311	14345849	14324305	0.16	cps
Indium	115-1	24242611	24212230	24059566	24171469	0.41	cps
Indium	115-2	3923218	3933325	3956271	3937604	0.43	cps
Iron	54-2	3212684	3221013	3225766	3219821	0.21	cps
Iron	56-2	57825307	58548811	58546005	58306708	0.72	cps
Iron	57-2	1436076	1444383	1448244	1442901	0.43	cps
Krypton	83-1	757	610	653	673	11.19	cps
Lead	206-1	3860374	3946493	3994353	3933740	1.73	cps
Lead	207-1	3384109	3415616	3465624	3421783	1.20	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:41:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15449755	15536172	15751228	15579052	1.00	cps
Lithium	6-1	6715432	6635483	6648612	6666509	0.64	cps
Magnesium	24-2	10542692	10495633	10545321	10527882	0.27	cps
Manganese	55-2	1571829	1603825	1592537	1589397	1.02	cps
Molybdenum	94-1	10369870	10358336	10301528	10343244	0.35	cps
Molybdenum	95-1	12734483	12740623	12671554	12715554	0.30	cps
Molybdenum	96-1	14127766	14098381	14123910	14116686	0.11	cps
Molybdenum	97-1	7954178	7919876	7901154	7925069	0.34	cps
Molybdenum	98-1	20671832	20490597	20445377	20535935	0.58	cps
Neodymium	150-1	713	780	827	773	7.37	cps
Neodymium	150-2	113	83	83	93	18.56	cps
Nickel	60-2	605347	607421	607780	606849	0.22	cps
Phosphorus	31-2	51624	50035	51624	51094	1.80	cps
Potassium	39-2	4849219	4877806	4877030	4868019	0.33	cps
Rhodium	103-1	21878995	21850974	21819299	21849756	0.14	cps
Rhodium	103-2	9333825	9291471	9400907	9342067	0.59	cps
Scandium	45-1	16059845	15883198	15989330	15977458	0.56	cps
Scandium	45-2	584463	587731	587082	586425	0.30	cps
Selenium	82-1	115510	115993	117465	116323	0.88	cps
Selenium	77-2	4237	4071	4164	4157	2.01	cps
Selenium	78-2	13708	13812	13809	13776	0.43	cps
Silicon	28-1	4032797	4027167	4046553	4035506	0.25	cps
Silver	109-1	6309706	6229495	6310465	6283222	0.74	cps
Silver	107-1	6668776	6537636	6655891	6620768	1.09	cps
Sodium	23-2	20068325	20007252	20197475	20091017	0.48	cps
Strontium	86-1	1756494	1752359	1745191	1751348	0.33	cps
Strontium	88-1	15094358	15075334	15128218	15099303	0.18	cps
Sulfur	34-1	1322910	1311110	1310240	1314753	0.54	cps
Terbium	159-1	31701459	31965259	31650272	31772330	0.53	cps
Terbium	159-2	13940624	13886614	13955235	13927491	0.26	cps
Thallium	203-1	4766986	4888098	4866784	4840622	1.34	cps
Thallium	205-1	11364198	11572595	11586738	11507844	1.08	cps
Thorium	232-1	16290946	16449925	16524821	16421897	0.73	cps
Tin	118-1	4288624	4290843	4342187	4307218	0.70	cps
Titanium	47-1	3745253	3712834	3709988	3722692	0.53	cps
Uranium	238-1	15460432	15586576	15396143	15481050	0.63	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:41:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1090527	1097084	1099864	1095825	0.44	cps
Yttrium	89-1	34061601	33910959	33959044	33977202	0.23	cps
Yttrium	89-2	3967710	3983899	4047108	3999572	1.05	cps
Zinc	66-2	471246	472574	472472	472097	0.16	cps
Zirconium	90-1	8597161	8554343	8581746	8577750	0.25	cps
Zirconium	91-1	1929658	1918393	1927601	1925217	0.31	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1742434	1712203	1749049	1734562	1.13	cps
Antimony	121-1	9182994	9262211	9263788	9236331	0.50	cps
Arsenic	75-2	278546	277950	279795	278763	0.34	cps
Barium	135-1	12406982	12398425	12345810	12383739	0.27	cps
Barium	137-1	21523180	21598646	21397524	21506450	0.47	cps
Beryllium	9-1	1990727	2016167	2002893	2003262	0.64	cps
Bismuth	209-1	17860251	18273938	18151280	18095156	1.17	cps
Bismuth	209-2	10019907	9910453	9874992	9935117	0.76	cps
Boron	10-1	351689	360410	360269	357456	1.40	cps
Boron	11-1	1652229	1666972	1688460	1669220	1.09	cps
Bromine	81-1	64732	64490	66370	65197	1.57	cps
Bromine	81-2	50	60	70	60	16.67	cps
Cadmium	111-1	2729044	2813891	2784492	2775809	1.55	cps
Cadmium	106-1	335054	339094	340400	338183	0.82	cps
Cadmium	108-1	217255	216163	219342	217587	0.74	cps
Calcium	43-1	3260400	3321551	3324802	3302251	1.10	cps
Calcium	44-1	51954000	52830704	52492520	52425741	0.84	cps
Chromium	52-2	2694916	2689493	2670898	2685102	0.47	cps
Cobalt	59-2	4452697	4505847	4470118	4476220	0.61	cps
Copper	63-2	6211115	6130391	6131519	6157675	0.75	cps
Dysprosium	156-1	317	317	292	308	4.68	cps
Dysprosium	156-2	313	297	297	302	3.18	cps
Erbium	164-1	175	242	200	206	16.38	cps
Erbium	164-2	140	93	90	108	25.94	cps
Gadolinium	160-1	383	367	283	344	15.55	cps
Gadolinium	160-2	593	560	547	567	4.24	cps
Holmium	165-1	31048575	30841558	30705781	30865305	0.56	cps
Holmium	165-2	14340264	14143183	14116687	14200045	0.86	cps
Indium	115-1	23884599	23883988	23977589	23915392	0.23	cps
Indium	115-2	3856201	3849512	3872607	3859440	0.31	cps
Iron	54-2	6124589	6097121	6109474	6110394	0.23	cps
Iron	56-2	114937916	113733386	113738491	114136598	0.61	cps
Iron	57-2	2839136	2844643	2832997	2838925	0.21	cps
Krypton	83-1	633	637	657	642	1.96	cps
Lead	206-1	7529299	7577276	7590579	7565718	0.43	cps
Lead	207-1	6546713	6631653	6595794	6591387	0.65	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	29943889	30325201	30091216	30120102	0.64	cps
Lithium	6-1	6603522	6634244	6618941	6618902	0.23	cps
Magnesium	24-2	20742761	20589913	20772257	20701644	0.47	cps
Manganese	55-2	3079189	3090942	3129424	3099852	0.85	cps
Molybdenum	94-1	20014110	20121428	20267719	20134419	0.63	cps
Molybdenum	95-1	24699765	24776047	24934278	24803363	0.48	cps
Molybdenum	96-1	27458770	27455370	27588087	27500743	0.28	cps
Molybdenum	97-1	15379451	15404527	15436890	15406956	0.19	cps
Molybdenum	98-1	39857284	40245096	40092061	40064814	0.49	cps
Neodymium	150-1	1387	1407	1207	1333	8.26	cps
Neodymium	150-2	130	127	120	126	4.06	cps
Nickel	60-2	1174067	1167089	1168851	1170002	0.31	cps
Phosphorus	31-2	101109	101629	102678	101805	0.79	cps
Potassium	39-2	9615046	9511897	9534562	9553835	0.57	cps
Rhodium	103-1	21354824	21661447	21332477	21449583	0.86	cps
Rhodium	103-2	9132641	9129582	9159901	9140708	0.18	cps
Scandium	45-1	15798385	16119536	15972053	15963325	1.01	cps
Scandium	45-2	595834	593667	593030	594177	0.25	cps
Selenium	82-1	224782	226378	227997	226386	0.71	cps
Selenium	77-2	7859	7685	8112	7886	2.72	cps
Selenium	78-2	26996	27075	27470	27180	0.94	cps
Silicon	28-1	7128213	7224968	7278204	7210462	1.05	cps
Silver	109-1	12045327	12223773	12134405	12134502	0.74	cps
Silver	107-1	12705586	12703226	12742395	12717069	0.17	cps
Sodium	23-2	39853722	39742085	39876205	39824004	0.18	cps
Strontium	86-1	3281770	3449441	3446296	3392502	2.83	cps
Strontium	88-1	29403841	29847541	29845605	29698996	0.86	cps
Sulfur	34-1	1904954	1915371	1928953	1916426	0.63	cps
Terbium	159-1	31610709	31804687	31542746	31652714	0.43	cps
Terbium	159-2	13899516	13870341	13774390	13848083	0.47	cps
Thallium	203-1	9218049	9247013	9253270	9239444	0.20	cps
Thallium	205-1	22054941	22209354	22304825	22189707	0.57	cps
Thorium	232-1	31839089	32326010	32262868	32142656	0.82	cps
Tin	118-1	8301394	8315749	8387776	8334973	0.56	cps
Titanium	47-1	7233939	7293722	7242344	7256668	0.45	cps
Uranium	238-1	30115753	30432749	30134033	30227512	0.59	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:45:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2184286	2182167	2159563	2175339	0.63	cps
Yttrium	89-1	34081620	34349692	34137410	34189574	0.41	cps
Yttrium	89-2	4015844	3989214	4008351	4004470	0.34	cps
Zinc	66-2	904467	903407	905868	904580	0.14	cps
Zirconium	90-1	16791634	16886244	16844676	16840851	0.28	cps
Zirconium	91-1	3716668	3737237	3761155	3738354	0.60	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3622369	3574402	3629342	3608704	0.83	cps
Antimony	121-1	18618569	18739435	18965826	18774610	0.94	cps
Arsenic	75-2	569892	571746	572777	571471	0.26	cps
Barium	135-1	25107042	25396046	25488859	25330649	0.79	cps
Barium	137-1	43860091	43810804	43970858	43880584	0.19	cps
Beryllium	9-1	4030998	4056578	4010325	4032633	0.57	cps
Bismuth	209-1	17643326	17907928	17915952	17822402	0.87	cps
Bismuth	209-2	9695668	9719362	9806319	9740449	0.60	cps
Boron	10-1	716618	725270	725551	722480	0.70	cps
Boron	11-1	3352588	3417768	3444910	3405089	1.39	cps
Bromine	81-1	64751	66743	68954	66816	3.15	cps
Bromine	81-2	190	100	200	164	33.72	cps
Cadmium	111-1	5546726	5595512	5630819	5591019	0.76	cps
Cadmium	106-1	671495	679201	672623	674440	0.62	cps
Cadmium	108-1	440319	444196	447912	444143	0.85	cps
Calcium	43-1	6718630	6743412	6778305	6746782	0.44	cps
Calcium	44-1	108332707	107992802	109076798	108467436	0.51	cps
Chromium	52-2	5461315	5448731	5479639	5463228	0.28	cps
Cobalt	59-2	9008347	8992195	9103759	9034767	0.67	cps
Copper	63-2	12867791	12801108	12916160	12861686	0.45	cps
Dysprosium	156-1	683	650	667	667	2.50	cps
Dysprosium	156-2	577	530	563	557	4.32	cps
Erbium	164-1	250	225	208	228	9.21	cps
Erbium	164-2	97	100	87	94	7.35	cps
Gadolinium	160-1	492	342	400	411	18.39	cps
Gadolinium	160-2	567	557	637	587	7.43	cps
Holmium	165-1	31353981	32019743	31491281	31621668	1.11	cps
Holmium	165-2	14388769	14239708	14382956	14337144	0.59	cps
Indium	115-1	23665686	24020982	23904179	23863615	0.76	cps
Indium	115-2	3842977	3852862	3889295	3861711	0.63	cps
Iron	54-2	12475806	12414952	12532885	12474548	0.47	cps
Iron	56-2	232136866	233020916	233808483	232988755	0.36	cps
Iron	57-2	5813906	5748550	5819465	5793974	0.68	cps
Krypton	83-1	623	673	640	646	3.94	cps
Lead	206-1	15091276	15083313	14977483	15050691	0.42	cps
Lead	207-1	13073959	13098799	13095560	13089439	0.10	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	59803681	60322631	59975995	60034102	0.44	cps
Lithium	6-1	6607332	6650120	6664423	6640625	0.45	cps
Magnesium	24-2	42766956	42529731	42672586	42656425	0.28	cps
Manganese	55-2	6240721	6273680	6300238	6271546	0.48	cps
Molybdenum	94-1	41666584	42167987	41562504	41799025	0.77	cps
Molybdenum	95-1	51046308	52002425	50956166	51334966	1.13	cps
Molybdenum	96-1	57104270	57400551	57226316	57243712	0.26	cps
Molybdenum	97-1	31816590	31999482	31809531	31875201	0.34	cps
Molybdenum	98-1	81671858	83286356	82930310	82629508	1.03	cps
Neodymium	150-1	2547	2534	2880	2654	7.40	cps
Neodymium	150-2	207	163	213	194	13.96	cps
Nickel	60-2	2352183	2339343	2361773	2351100	0.48	cps
Phosphorus	31-2	205753	206302	209343	207133	0.93	cps
Potassium	39-2	19751986	19808704	19836669	19799120	0.22	cps
Rhodium	103-1	21372057	21548765	21278406	21399743	0.64	cps
Rhodium	103-2	9088459	9110419	9146161	9115013	0.32	cps
Scandium	45-1	16406814	16551225	16515069	16491036	0.46	cps
Scandium	45-2	611343	617732	619249	616108	0.68	cps
Selenium	82-1	450063	453366	456206	453212	0.68	cps
Selenium	77-2	16399	16446	16369	16405	0.24	cps
Selenium	78-2	54520	53864	54147	54177	0.61	cps
Silicon	28-1	13478184	13596559	13652913	13575885	0.66	cps
Silver	109-1	24124048	24342043	24498777	24321623	0.77	cps
Silver	107-1	25532283	25421757	25558665	25504235	0.28	cps
Sodium	23-2	83519631	82433973	82852812	82935472	0.66	cps
Strontium	86-1	6912250	6948250	7012533	6957678	0.73	cps
Strontium	88-1	60746253	60972316	61321458	61013342	0.47	cps
Sulfur	34-1	3274052	3304953	3331425	3303477	0.87	cps
Terbium	159-1	32319354	32451428	32513794	32428192	0.31	cps
Terbium	159-2	14018039	14045540	14057963	14040514	0.15	cps
Thallium	203-1	18478946	18587551	18580097	18548865	0.33	cps
Thallium	205-1	44189872	44654042	44620662	44488192	0.58	cps
Thorium	232-1	65097160	65588590	65902533	65529428	0.62	cps
Tin	118-1	16844208	16863783	17155320	16954437	1.03	cps
Titanium	47-1	14913915	15095890	15162581	15057462	0.85	cps
Uranium	238-1	60546608	61279777	61755601	61193995	1.00	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:49:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4461694	4494366	4522365	4492808	0.68	cps
Yttrium	89-1	34934448	34901409	34918487	34918115	0.05	cps
Yttrium	89-2	4055912	4060110	4068237	4061420	0.15	cps
Zinc	66-2	1819894	1812015	1828458	1820123	0.45	cps
Zirconium	90-1	35029482	34500642	34920412	34816846	0.80	cps
Zirconium	91-1	7764779	7735009	7817243	7772343	0.54	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16993802	17047225	17244846	17095291	0.77	cps
Antimony	121-1	26885	29123	30534	28847	6.38	cps
Arsenic	75-2	319	280	259	286	10.53	cps
Barium	135-1	44162	43327	43845	43778	0.96	cps
Barium	137-1	76075	75681	75405	75720	0.44	cps
Beryllium	9-1	895	772	761	809	9.14	cps
Bismuth	209-1	14186861	14078163	14180423	14148482	0.43	cps
Bismuth	209-2	7773076	7851580	7857935	7827530	0.60	cps
Boron	10-1	21575	20481	18312	20123	8.25	cps
Boron	11-1	104285	95023	87914	95741	8.57	cps
Bromine	81-1	62066	63535	63555	63052	1.35	cps
Bromine	81-2	60	150	130	113	41.70	cps
Cadmium	111-1	11130	11520	12242	11631	4.85	cps
Cadmium	106-1	14299	14641	15868	14936	5.52	cps
Cadmium	108-1	208	125	225	186	28.79	cps
Calcium	43-1	30595197	30085777	30591161	30424045	0.96	cps
Calcium	44-1	495140394	485697878	491788561	490875611	0.98	cps
Chromium	52-2	89215	90788	89872	89958	0.88	cps
Cobalt	59-2	15502	15679	15732	15637	0.77	cps
Copper	63-2	29176	29667	29300	29381	0.87	cps
Dysprosium	156-1	1175	1400	1208	1261	9.63	cps
Dysprosium	156-2	660	570	640	623	7.58	cps
Erbium	164-1	200	250	333	261	25.80	cps
Erbium	164-2	177	163	153	164	7.12	cps
Gadolinium	160-1	1475	1567	1617	1553	4.63	cps
Gadolinium	160-2	1113	1100	1093	1102	0.92	cps
Holmium	165-1	27524902	27466916	27731792	27574537	0.50	cps
Holmium	165-2	12582993	12667913	12758946	12669951	0.69	cps
Indium	115-1	22010426	21849763	22074884	21978358	0.53	cps
Indium	115-2	3567168	3638983	3637831	3614661	1.14	cps
Iron	54-2	54636715	55065352	55182141	54961403	0.52	cps
Iron	56-2	1027649223	1038489201	1037398645	1034512356	0.58	cps
Iron	57-2	25163735	25564592	25409512	25379280	0.80	cps
Krypton	83-1	683	707	780	723	6.97	cps
Lead	206-1	63361	62535	62553	62817	0.75	cps
Lead	207-1	54657	56398	55176	55410	1.61	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	251196	251051	252809	251685	0.39	cps
Lithium	6-1	5958871	5940286	5990278	5963145	0.42	cps
Magnesium	24-2	193458846	195554334	195909229	194974136	0.68	cps
Manganese	55-2	30168	29894	29633	29898	0.89	cps
Molybdenum	94-1	26300	25248	26258	25936	2.30	cps
Molybdenum	95-1	35361	35646	36481	35829	1.62	cps
Molybdenum	96-1	63024	63618	64589	63743	1.24	cps
Molybdenum	97-1	22243	21651	22610	22168	2.18	cps
Molybdenum	98-1	55853	53627	57082	55520	3.15	cps
Neodymium	150-1	293	280	253	276	7.39	cps
Neodymium	150-2	80	87	87	84	4.56	cps
Nickel	60-2	25098	25442	25793	25444	1.36	cps
Phosphorus	31-2	350	292	367	336	11.72	cps
Potassium	39-2	92650119	92490829	93966708	93035885	0.87	cps
Rhodium	103-1	17770786	17740122	17823240	17778049	0.24	cps
Rhodium	103-2	7482329	7568533	7545859	7532241	0.59	cps
Scandium	45-1	15201141	15121750	15192448	15171780	0.29	cps
Scandium	45-2	563229	565608	568998	565945	0.51	cps
Selenium	82-1	508	496	445	483	6.96	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	89	109	120	106	15.04	cps
Silicon	28-1	2553021	2897160	2994963	2815048	8.25	cps
Silver	109-1	6093	6185	5893	6057	2.46	cps
Silver	107-1	6869	6619	7044	6844	3.12	cps
Sodium	23-2	370764017	376308017	380096550	375722861	1.25	cps
Strontium	86-1	15300	14283	14575	14719	3.56	cps
Strontium	88-1	118057	118386	119554	118666	0.66	cps
Sulfur	34-1	650879	654629	646272	650593	0.64	cps
Terbium	159-1	28162625	27805857	28004500	27990994	0.64	cps
Terbium	159-2	12308444	12397521	12406228	12370731	0.44	cps
Thallium	203-1	6068	5501	5376	5649	6.53	cps
Thallium	205-1	13165	13291	13065	13174	0.86	cps
Thorium	232-1	17011	17468	19637	18039	7.78	cps
Tin	118-1	32547	33875	34477	33633	2.94	cps
Titanium	47-1	4217	4017	3951	4062	3.42	cps
Uranium	238-1	11689	11497	11556	11581	0.85	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 11:52:53	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1737	1670	1660	1689	2.47	cps
Yttrium	89-1	31927825	31688654	31881387	31832622	0.40	cps
Yttrium	89-2	3703649	3813537	3763068	3760085	1.46	cps
Zinc	66-2	21750	21496	21643	21630	0.59	cps
Zirconium	90-1	11797	12656	13582	12678	7.04	cps
Zirconium	91-1	2742	2634	2742	2706	2.31	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99622	99857	99572	99684	0.15	cps
Antimony	121-1	3690967	3635173	3685227	3670456	0.84	cps
Arsenic	75-2	122197	124414	124494	123702	1.05	cps
Barium	135-1	503951	509763	513363	509026	0.93	cps
Barium	137-1	865781	884184	887554	879173	1.33	cps
Beryllium	9-1	431282	437937	433418	434212	0.78	cps
Bismuth	209-1	18600497	18769645	18883752	18751298	0.76	cps
Bismuth	209-2	10709816	10869085	10909537	10829479	0.97	cps
Boron	10-1	5793	5443	5401	5546	3.88	cps
Boron	11-1	27301	25088	25698	26029	4.39	cps
Bromine	81-1	73512	73995	72706	73404	0.89	cps
Bromine	81-2	120	150	40	103	55.03	cps
Cadmium	111-1	589498	583324	586375	586399	0.53	cps
Cadmium	106-1	67956	67294	67244	67498	0.59	cps
Cadmium	108-1	37792	37680	37617	37696	0.24	cps
Calcium	43-1	132876	133870	137956	134900	2.00	cps
Calcium	44-1	2227370	2228287	2261074	2238910	0.86	cps
Chromium	52-2	598023	606421	605154	603199	0.75	cps
Cobalt	59-2	1016208	1018257	1019085	1017850	0.15	cps
Copper	63-2	718098	720724	727618	722147	0.68	cps
Dysprosium	156-1	50	83	67	67	25.00	cps
Dysprosium	156-2	40	30	37	36	14.32	cps
Erbium	164-1	167	158	158	161	2.98	cps
Erbium	164-2	93	93	63	83	20.79	cps
Gadolinium	160-1	233	350	225	269	25.94	cps
Gadolinium	160-2	490	523	490	501	3.84	cps
Holmium	165-1	31138427	30914600	31306984	31120003	0.63	cps
Holmium	165-2	14861834	14960136	14919393	14913787	0.33	cps
Indium	115-1	25320381	25402756	25463426	25395521	0.28	cps
Indium	115-2	4318951	4312779	4357057	4329596	0.55	cps
Iron	54-2	563313	565572	561358	563414	0.37	cps
Iron	56-2	9954101	9872530	9955041	9927224	0.48	cps
Iron	57-2	243749	243805	244209	243921	0.10	cps
Krypton	83-1	663	770	673	702	8.39	cps
Lead	206-1	3210312	3214723	3255735	3226923	0.78	cps
Lead	207-1	2653645	2668676	2670200	2664174	0.34	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	12374555	12493558	12565126	12477746	0.77	cps
Lithium	6-1	7166084	7199377	7180477	7181979	0.23	cps
Magnesium	24-2	547917	554982	552232	551710	0.65	cps
Manganese	55-2	342458	341611	346051	343373	0.69	cps
Molybdenum	94-1	2625	2909	3392	2975	13.03	cps
Molybdenum	95-1	1542	1959	2009	1836	13.96	cps
Molybdenum	96-1	2600	2775	2992	2789	7.04	cps
Molybdenum	97-1	1100	1250	1217	1189	6.63	cps
Molybdenum	98-1	3167	3434	3351	3317	4.11	cps
Neodymium	150-1	53	73	40	56	30.20	cps
Neodymium	150-2	13	33	17	21	50.75	cps
Nickel	60-2	270129	268786	270583	269833	0.35	cps
Phosphorus	31-2	242	283	225	250	12.02	cps
Potassium	39-2	885779	902224	901267	896423	1.03	cps
Rhodium	103-1	23576001	23278068	23419479	23424516	0.64	cps
Rhodium	103-2	10446262	10486627	10367941	10433610	0.58	cps
Scandium	45-1	17372936	17394161	17608421	17458506	0.75	cps
Scandium	45-2	670912	682561	677911	677128	0.87	cps
Selenium	82-1	95505	95820	95117	95481	0.37	cps
Selenium	77-2	3644	3634	3641	3639	0.14	cps
Selenium	78-2	12181	12266	12187	12211	0.39	cps
Silicon	28-1	420403	420383	426162	422316	0.79	cps
Silver	109-1	1260698	1227856	1270199	1252918	1.77	cps
Silver	107-1	1312200	1305698	1319550	1312483	0.53	cps
Sodium	23-2	1798408	1805226	1807423	1803686	0.26	cps
Strontium	86-1	2959	2900	2859	2906	1.73	cps
Strontium	88-1	16393	16777	16635	16602	1.17	cps
Sulfur	34-1	738071	738150	737307	737843	0.06	cps
Terbium	159-1	31717410	32050419	32047091	31938307	0.60	cps
Terbium	159-2	14697918	14582596	14736833	14672449	0.55	cps
Thallium	203-1	3901086	3854623	3870707	3875472	0.61	cps
Thallium	205-1	9299520	9212385	9220821	9244242	0.52	cps
Thorium	232-1	6396	6774	7347	6839	7.00	cps
Tin	118-1	9862	9804	10296	9987	2.69	cps
Titanium	47-1	725	925	967	872	14.81	cps
Uranium	238-1	2542	2900	2984	2809	8.36	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:02:17	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	471973	477195	475855	475008	0.57	cps
Yttrium	89-1	35094887	35825595	36296790	35739091	1.69	cps
Yttrium	89-2	4414665	4453942	4403584	4424064	0.60	cps
Zinc	66-2	198178	200038	197859	198692	0.59	cps
Zirconium	90-1	4609	5226	5951	5262	12.77	cps
Zirconium	91-1	1558	1725	2334	1872	21.79	cps

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 12:07:16 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	83	117	133	45.07	cps
Antimony	121-1	4684	5801	6243	5576	14.41	cps
Arsenic	75-2	19	15	19	17	12.39	cps
Barium	135-1	242	208	192	214	11.90	cps
Barium	137-1	475	400	308	394	21.16	cps
Beryllium	9-1	294	172	228	231	26.44	cps
Bismuth	209-1	18277834	18165260	18366963	18270019	0.55	cps
Bismuth	209-2	10563178	10349955	10477823	10463652	1.03	cps
Boron	10-1	4242	4292	4342	4292	1.17	cps
Boron	11-1	20481	20932	19997	20470	2.28	cps
Bromine	81-1	73553	70976	76481	73670	3.74	cps
Bromine	81-2	140	80	170	130	35.25	cps
Cadmium	111-1	11585	10920	11331	11278	2.98	cps
Cadmium	106-1	16385	15451	16010	15948	2.95	cps
Cadmium	108-1	38	42	38	39	6.19	cps
Calcium	43-1	733	600	692	675	10.11	cps
Calcium	44-1	22835	22143	21416	22131	3.21	cps
Chromium	52-2	1870	1840	1843	1851	0.89	cps
Cobalt	59-2	167	190	183	180	6.68	cps
Copper	63-2	1660	1723	1487	1623	7.55	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	27	43	27	32	29.85	cps
Erbium	164-1	150	100	133	128	19.93	cps
Erbium	164-2	67	100	90	86	19.99	cps
Gadolinium	160-1	217	308	300	275	18.43	cps
Gadolinium	160-2	380	450	493	441	12.96	cps
Holmium	165-1	30130236	30148869	30218864	30165990	0.15	cps
Holmium	165-2	14376653	14082946	14176198	14211932	1.06	cps
Indium	115-1	25352546	25173837	25526112	25350832	0.69	cps
Indium	115-2	4244897	4214431	4289502	4249610	0.89	cps
Iron	54-2	1372	1191	1351	1305	7.57	cps
Iron	56-2	17700	17294	16237	17077	4.42	cps
Iron	57-2	628	606	678	637	5.81	cps
Krypton	83-1	837	740	750	776	6.85	cps
Lead	206-1	2573	2473	2528	2524	1.99	cps
Lead	207-1	2156	2400	2239	2265	5.49	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:07:16	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9763	9624	9496	9628	1.39	cps
Lithium	6-1	7191148	7234090	7372389	7265876	1.30	cps
Magnesium	24-2	1842	1775	1525	1714	9.74	cps
Manganese	55-2	93	110	157	120	27.36	cps
Molybdenum	94-1	1167	1075	1208	1150	5.93	cps
Molybdenum	95-1	800	900	792	831	7.26	cps
Molybdenum	96-1	1233	1067	1050	1117	9.08	cps
Molybdenum	97-1	608	567	575	583	3.78	cps
Molybdenum	98-1	1500	1408	1483	1464	3.34	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	127	117	100	114	11.77	cps
Phosphorus	31-2	225	225	225	225	0.00	cps
Potassium	39-2	40849	40222	41150	40740	1.16	cps
Rhodium	103-1	23703225	23494443	23792059	23663242	0.65	cps
Rhodium	103-2	10487519	10286768	10370686	10381658	0.97	cps
Scandium	45-1	17716850	17760718	17929416	17802328	0.63	cps
Scandium	45-2	674126	667357	679442	673641	0.90	cps
Selenium	82-1	-116	12	-44	-49	-129.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	102	100	104	5.71	cps
Silicon	28-1	394064	394408	401888	396787	1.11	cps
Silver	109-1	508	425	375	436	15.45	cps
Silver	107-1	708	742	558	669	14.59	cps
Sodium	23-2	43037	43807	43639	43494	0.93	cps
Strontium	86-1	1083	1050	1175	1103	5.87	cps
Strontium	88-1	758	592	583	644	15.32	cps
Sulfur	34-1	764989	760088	773461	766180	0.88	cps
Terbium	159-1	31080138	31342573	31378404	31267038	0.52	cps
Terbium	159-2	14234994	13977824	14228970	14147263	1.04	cps
Thallium	203-1	1584	1433	1500	1506	4.99	cps
Thallium	205-1	3159	3076	3142	3126	1.41	cps
Thorium	232-1	3751	3812	3923	3828	2.28	cps
Tin	118-1	2242	2259	2650	2384	9.70	cps
Titanium	47-1	408	383	317	369	12.83	cps
Uranium	238-1	2367	1967	2134	2156	9.32	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:07:16	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	27	37	34	20.14	cps
Yttrium	89-1	35959637	35794864	36198048	35984183	0.56	cps
Yttrium	89-2	4327128	4274208	4342150	4314495	0.83	cps
Zinc	66-2	600	763	663	676	12.19	cps
Zirconium	90-1	2134	2084	2025	2081	2.61	cps
Zirconium	91-1	483	258	350	364	31.09	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:10:58	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17539793	17400397	17405525	17448572	0.45	cps
Antimony	121-1	22060	22986	23913	22986	4.03	cps
Arsenic	75-2	174	217	217	202	12.14	cps
Barium	135-1	7035	6435	7052	6841	5.14	cps
Barium	137-1	11580	11530	12056	11722	2.47	cps
Beryllium	9-1	1161	1367	1317	1282	8.37	cps
Bismuth	209-1	16246194	16556541	16508539	16437091	1.02	cps
Bismuth	209-2	9254676	9311130	9529064	9364957	1.55	cps
Boron	10-1	4026	3617	3734	3792	5.55	cps
Boron	11-1	17561	18070	15750	17127	7.12	cps
Bromine	81-1	77275	75484	76692	76484	1.19	cps
Bromine	81-2	390	220	290	300	28.48	cps
Cadmium	111-1	13995	13865	13520	13793	1.78	cps
Cadmium	106-1	14650	15075	14775	14833	1.47	cps
Cadmium	108-1	6893	6818	6881	6864	0.59	cps
Calcium	43-1	6746320	6845255	6725394	6772323	0.95	cps
Calcium	44-1	108446036	109433348	108656223	108845202	0.48	cps
Chromium	52-2	112005	110520	113271	111932	1.23	cps
Cobalt	59-2	11001	11411	11551	11321	2.53	cps
Copper	63-2	50330	49661	50470	50154	0.86	cps
Dysprosium	156-1	108	117	150	125	17.64	cps
Dysprosium	156-2	73	70	90	78	13.77	cps
Erbium	164-1	150	275	192	206	30.96	cps
Erbium	164-2	137	93	120	117	18.73	cps
Gadolinium	160-1	267	333	342	314	13.10	cps
Gadolinium	160-2	447	453	500	467	6.23	cps
Holmium	165-1	29661525	30154967	29594742	29803745	1.03	cps
Holmium	165-2	13971161	13944352	14141749	14019087	0.76	cps
Indium	115-1	23562172	23855691	23565396	23661086	0.71	cps
Indium	115-2	3904049	3929596	4029991	3954545	1.68	cps
Iron	54-2	24691226	24639860	25031449	24787512	0.86	cps
Iron	56-2	471901399	471142588	477936144	473660044	0.79	cps
Iron	57-2	11504501	11585225	11599636	11563121	0.44	cps
Krypton	83-1	723	690	683	699	3.07	cps
Lead	206-1	65836	64054	64897	64929	1.37	cps
Lead	207-1	50859	51394	51657	51303	0.79	cps

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 12:10:58 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	244005	243601	244873	244160	0.27	cps
Lithium	6-1	6656581	6740048	6679827	6692152	0.64	cps
Magnesium	24-2	43621731	43294025	43554971	43490242	0.40	cps
Manganese	55-2	25355	24127	25743	25075	3.36	cps
Molybdenum	94-1	10888005	11282290	11015483	11061926	1.82	cps
Molybdenum	95-1	19266129	19765597	19396068	19475931	1.33	cps
Molybdenum	96-1	20616358	20874042	20862735	20784378	0.70	cps
Molybdenum	97-1	11940591	12091365	12085163	12039040	0.71	cps
Molybdenum	98-1	31081057	31215009	31155715	31150594	0.22	cps
Neodymium	150-1	107	93	73	91	18.41	cps
Neodymium	150-2	23	50	37	37	36.37	cps
Nickel	60-2	12672	13026	13023	12907	1.57	cps
Phosphorus	31-2	1033967	1031791	1035773	1033844	0.19	cps
Potassium	39-2	41142754	40676250	41170871	40996625	0.68	cps
Rhodium	103-1	21180561	21261435	21221096	21221031	0.19	cps
Rhodium	103-2	9267673	9250742	9293955	9270790	0.23	cps
Scandium	45-1	17097670	17250197	17153706	17167191	0.45	cps
Scandium	45-2	651656	642329	653839	649275	0.94	cps
Selenium	82-1	99	94	138	110	21.73	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	93	94	111	99	10.26	cps
Silicon	28-1	721831	731251	731409	728164	0.75	cps
Silver	109-1	1217	1367	1242	1275	6.30	cps
Silver	107-1	1342	1383	1433	1386	3.31	cps
Sodium	23-2	86141229	85048148	85526644	85572007	0.64	cps
Strontium	86-1	229116	233150	230382	230883	0.89	cps
Strontium	88-1	2005220	2011105	1996826	2004384	0.36	cps
Sulfur	34-1	10878513	10991254	10783043	10884270	0.96	cps
Terbium	159-1	30278010	30973976	31010221	30754069	1.34	cps
Terbium	159-2	13820266	13710436	13859395	13796699	0.56	cps
Thallium	203-1	3692	3434	3684	3603	4.08	cps
Thallium	205-1	8128	8870	9437	8812	7.45	cps
Thorium	232-1	4690	4762	5735	5062	11.53	cps
Tin	118-1	4826	4901	5051	4926	2.33	cps
Titanium	47-1	6127239	6181063	6179082	6162461	0.50	cps
Uranium	238-1	2700	2659	2375	2578	6.86	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:10:58	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	763	860	813	812	5.95	cps
Yttrium	89-1	34866163	35136566	35042631	35015120	0.39	cps
Yttrium	89-2	4099698	4116097	4179960	4131918	1.03	cps
Zinc	66-2	10140	9577	10007	9908	2.97	cps
Zirconium	90-1	2992	3351	4067	3470	15.78	cps
Zirconium	91-1	500	767	783	683	23.27	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17490328	17559823	17168249	17406133	1.20	cps
Antimony	121-1	373130	372673	379000	374934	0.94	cps
Arsenic	75-2	11575	11675	11620	11623	0.43	cps
Barium	135-1	101939	105046	102410	103131	1.62	cps
Barium	137-1	178830	179812	182739	180460	1.13	cps
Beryllium	9-1	81602	80993	80340	80978	0.78	cps
Bismuth	209-1	16379597	16423907	16579875	16461126	0.64	cps
Bismuth	209-2	9376177	9356734	9382186	9371699	0.14	cps
Boron	10-1	42126	41199	40932	41419	1.51	cps
Boron	11-1	194549	194853	196744	195382	0.61	cps
Bromine	81-1	78211	81673	80334	80073	2.18	cps
Bromine	81-2	330	380	270	327	16.86	cps
Cadmium	111-1	119543	119892	121861	120432	1.04	cps
Cadmium	106-1	32179	32371	33048	32533	1.40	cps
Cadmium	108-1	16477	16685	16426	16529	0.83	cps
Calcium	43-1	6772140	6849603	6857807	6826516	0.69	cps
Calcium	44-1	108738482	109512069	109782090	109344214	0.50	cps
Chromium	52-2	226539	223105	225787	225143	0.80	cps
Cobalt	59-2	198794	200168	200008	199657	0.38	cps
Copper	63-2	179058	181135	179790	179994	0.59	cps
Dysprosium	156-1	83	100	100	94	10.19	cps
Dysprosium	156-2	57	63	80	67	18.03	cps
Erbium	164-1	283	217	275	258	14.06	cps
Erbium	164-2	107	117	117	113	5.09	cps
Gadolinium	160-1	267	292	383	314	19.57	cps
Gadolinium	160-2	420	493	513	476	10.33	cps
Holmium	165-1	30037954	30073918	30455254	30189042	0.77	cps
Holmium	165-2	14147076	14171130	14248319	14188842	0.37	cps
Indium	115-1	23830582	23854990	24167195	23950922	0.78	cps
Indium	115-2	3932028	4031070	4045870	4002989	1.55	cps
Iron	54-2	24659686	24744524	25040687	24814966	0.81	cps
Iron	56-2	465810644	472468222	479835111	472704659	1.48	cps
Iron	57-2	11658129	11653209	11769974	11693771	0.56	cps
Krypton	83-1	680	693	670	681	1.72	cps
Lead	206-1	342656	344401	343932	343663	0.26	cps
Lead	207-1	284505	289039	292856	288800	1.45	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1323696	1331766	1345252	1333571	0.82	cps
Lithium	6-1	6629691	6585120	6678072	6630961	0.70	cps
Magnesium	24-2	43387250	43709240	42997609	43364700	0.82	cps
Manganese	55-2	87988	89513	90906	89469	1.63	cps
Molybdenum	94-1	11974338	12242082	12088384	12101601	1.11	cps
Molybdenum	95-1	20043645	20417988	20269613	20243749	0.93	cps
Molybdenum	96-1	21678749	21843777	22003072	21841866	0.74	cps
Molybdenum	97-1	12443129	12562019	12639713	12548287	0.79	cps
Molybdenum	98-1	32547556	32640955	32693446	32627319	0.23	cps
Neodymium	150-1	73	100	107	93	18.89	cps
Neodymium	150-2	50	27	43	40	30.04	cps
Nickel	60-2	61622	60745	60705	61024	0.85	cps
Phosphorus	31-2	1047523	1041032	1026589	1038381	1.03	cps
Potassium	39-2	41048384	41281678	40965749	41098604	0.40	cps
Rhodium	103-1	21482047	21411851	21642070	21511989	0.55	cps
Rhodium	103-2	9186046	9382543	9340071	9302887	1.11	cps
Scandium	45-1	17186433	17368852	17390596	17315294	0.65	cps
Scandium	45-2	648920	646499	651507	648975	0.39	cps
Selenium	82-1	8730	8690	8715	8712	0.23	cps
Selenium	77-2	267	327	283	292	10.60	cps
Selenium	78-2	1117	1224	1202	1181	4.80	cps
Silicon	28-1	1493431	1516544	1544296	1518090	1.68	cps
Silver	109-1	447105	455319	453103	451842	0.94	cps
Silver	107-1	465072	471039	473219	469777	0.90	cps
Sodium	23-2	86280029	85504360	85028429	85604273	0.74	cps
Strontium	86-1	568618	576667	572526	572604	0.70	cps
Strontium	88-1	4920784	5000494	5064800	4995359	1.44	cps
Sulfur	34-1	10971672	10959793	11160413	11030626	1.02	cps
Terbium	159-1	30627716	30979594	30801278	30802863	0.57	cps
Terbium	159-2	13805764	13922198	14029846	13919269	0.81	cps
Thallium	203-1	343460	341913	352197	345857	1.60	cps
Thallium	205-1	835410	816529	838601	830180	1.44	cps
Thorium	232-1	3317	3439	3990	3582	10.00	cps
Tin	118-1	797367	804585	800557	800836	0.45	cps
Titanium	47-1	6378720	6382525	6447858	6403035	0.61	cps
Uranium	238-1	2751220	2765294	2781100	2765872	0.54	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:14:40	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	93527	91012	93061	92533	1.45	cps
Yttrium	89-1	34929642	35043192	35508294	35160376	0.87	cps
Yttrium	89-2	4125113	4239289	4245276	4203226	1.61	cps
Zinc	66-2	27192	27736	26948	27292	1.48	cps
Zirconium	90-1	1713208	1709357	1739644	1720737	0.96	cps
Zirconium	91-1	386449	393800	385280	388510	1.19	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10032442	10174608	10235583	10147544	1.03	cps
Antimony	121-1	8717249	8614304	8526771	8619441	1.11	cps
Arsenic	75-2	287698	291414	290286	289799	0.66	cps
Barium	135-1	12071611	11819053	11774985	11888549	1.35	cps
Barium	137-1	20542956	20713091	20255841	20503962	1.13	cps
Beryllium	9-1	1974363	1952627	1967740	1964910	0.57	cps
Bismuth	209-1	15639251	15308081	15264740	15404024	1.33	cps
Bismuth	209-2	8839570	8845269	8924328	8869722	0.53	cps
Boron	10-1	347716	351971	351794	350494	0.69	cps
Boron	11-1	1622154	1652528	1656279	1643654	1.14	cps
Bromine	81-1	72727	73974	74125	73609	1.04	cps
Bromine	81-2	70	80	110	87	24.02	cps
Cadmium	111-1	3046019	3049858	3009443	3035106	0.74	cps
Cadmium	106-1	363021	360461	361585	361689	0.35	cps
Cadmium	108-1	236574	233601	232447	234207	0.91	cps
Calcium	43-1	16503703	16552557	16338824	16465028	0.68	cps
Calcium	44-1	265928256	264621706	263366106	264638689	0.48	cps
Chromium	52-2	2873934	2902448	2916242	2897541	0.74	cps
Cobalt	59-2	5125267	5229223	5194366	5182952	1.02	cps
Copper	63-2	7466569	7541328	7534397	7514098	0.55	cps
Dysprosium	156-1	992	950	1050	997	5.04	cps
Dysprosium	156-2	540	517	573	543	5.24	cps
Erbium	164-1	250	308	283	281	10.43	cps
Erbium	164-2	127	117	143	129	10.45	cps
Gadolinium	160-1	850	950	908	903	5.56	cps
Gadolinium	160-2	777	660	780	739	9.25	cps
Holmium	165-1	29227807	28982337	28943098	29051081	0.53	cps
Holmium	165-2	13640268	13867148	13765446	13757621	0.83	cps
Indium	115-1	23346041	23211889	22849378	23135770	1.11	cps
Indium	115-2	3938561	3978217	4010355	3975711	0.90	cps
Iron	54-2	30506625	30938642	31218375	30887881	1.16	cps
Iron	56-2	578952324	584697302	587771546	583807057	0.77	cps
Iron	57-2	14180736	14437790	14323560	14314029	0.90	cps
Krypton	83-1	783	793	777	784	1.07	cps
Lead	206-1	6674977	6606159	6653435	6644857	0.53	cps
Lead	207-1	5868020	5807681	5892360	5856020	0.74	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	26920049	26521532	26683568	26708383	0.75	cps
Lithium	6-1	6496441	6409389	6445783	6450538	0.68	cps
Magnesium	24-2	108708961	110732773	111191411	110211048	1.20	cps
Manganese	55-2	3259604	3312906	3322797	3298436	1.03	cps
Molybdenum	94-1	20511841	20376910	20291336	20393362	0.55	cps
Molybdenum	95-1	25064578	24864767	24867357	24932234	0.46	cps
Molybdenum	96-1	27652990	27745341	27618439	27672257	0.24	cps
Molybdenum	97-1	15566644	15422629	15510272	15499848	0.47	cps
Molybdenum	98-1	40239705	39932264	39839634	40003868	0.52	cps
Neodymium	150-1	1433	1587	1433	1485	5.96	cps
Neodymium	150-2	137	183	137	152	17.70	cps
Nickel	60-2	1316504	1331053	1328397	1325318	0.58	cps
Phosphorus	31-2	105984	110112	109382	108493	2.03	cps
Potassium	39-2	52965074	53797949	53995745	53586256	1.02	cps
Rhodium	103-1	20140928	20133446	19858270	20044215	0.80	cps
Rhodium	103-2	8791249	8880071	8841810	8837710	0.50	cps
Scandium	45-1	16893704	16593018	16540540	16675754	1.14	cps
Scandium	45-2	654825	658977	667518	660440	0.98	cps
Selenium	82-1	220124	220923	219394	220147	0.35	cps
Selenium	77-2	8816	8296	8453	8522	3.13	cps
Selenium	78-2	28064	28101	28331	28166	0.51	cps
Silicon	28-1	7308040	7498930	7472896	7426622	1.39	cps
Silver	109-1	11950139	11904198	11750115	11868151	0.88	cps
Silver	107-1	12519929	12400961	12185473	12368788	1.37	cps
Sodium	23-2	208922530	211418901	211506192	210615874	0.70	cps
Strontium	86-1	3424871	3413719	3402479	3413690	0.33	cps
Strontium	88-1	29717547	29676568	29611927	29668681	0.18	cps
Sulfur	34-1	2049170	2054317	2040272	2047919	0.35	cps
Terbium	159-1	29744137	29783104	29703448	29743563	0.13	cps
Terbium	159-2	13416660	13627991	13523454	13522702	0.78	cps
Thallium	203-1	8207263	8217381	8157061	8193902	0.39	cps
Thallium	205-1	19795590	19720118	19728713	19748140	0.21	cps
Thorium	232-1	30132049	29635851	29695293	29821064	0.91	cps
Tin	118-1	7978849	7908512	7883910	7923757	0.62	cps
Titanium	47-1	7723016	7625149	7654809	7667658	0.65	cps
Uranium	238-1	28331413	27944683	28125379	28133825	0.69	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:21:21	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2363534	2380263	2399164	2380987	0.75	cps
Yttrium	89-1	34195649	34240680	34069049	34168459	0.26	cps
Yttrium	89-2	4135617	4219079	4195485	4183393	1.03	cps
Zinc	66-2	937666	946727	947221	943871	0.57	cps
Zirconium	90-1	17057819	16986376	16759095	16934430	0.92	cps
Zirconium	91-1	3767602	3775747	3758348	3767233	0.23	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4334	4292	4693	4440	4.95	cps
Antimony	121-1	41120	43101	42883	42368	2.56	cps
Arsenic	75-2	676	728	648	684	5.91	cps
Barium	135-1	51103	52650	52191	51981	1.53	cps
Barium	137-1	89154	90008	90386	89849	0.70	cps
Beryllium	9-1	4740	5245	4623	4869	6.79	cps
Bismuth	209-1	18613833	18945266	18643581	18734227	0.98	cps
Bismuth	209-2	10616240	10567028	10579766	10587678	0.24	cps
Boron	10-1	22275	23461	24396	23377	4.55	cps
Boron	11-1	107181	111251	111763	110065	2.28	cps
Bromine	81-1	75797	78292	76552	76880	1.66	cps
Bromine	81-2	140	100	90	110	24.05	cps
Cadmium	111-1	17597	17348	17528	17491	0.73	cps
Cadmium	106-1	17186	16660	16978	16941	1.56	cps
Cadmium	108-1	496	463	475	478	3.53	cps
Calcium	43-1	37816	39420	39621	38952	2.54	cps
Calcium	44-1	627922	641625	625513	631687	1.38	cps
Chromium	52-2	14671	14864	15211	14916	1.84	cps
Cobalt	59-2	10671	10861	11274	10935	2.82	cps
Copper	63-2	16563	16933	17511	17002	2.81	cps
Dysprosium	156-1	8	58	33	33	75.02	cps
Dysprosium	156-2	50	37	30	39	26.18	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	107	47	103	86	39.41	cps
Gadolinium	160-1	183	267	208	219	19.49	cps
Gadolinium	160-2	447	537	477	487	9.42	cps
Holmium	165-1	31009143	31170953	30830758	31003618	0.55	cps
Holmium	165-2	14449346	14607414	14414590	14490450	0.71	cps
Indium	115-1	25620061	26180911	25921920	25907631	1.08	cps
Indium	115-2	4264961	4321101	4295901	4293988	0.65	cps
Iron	54-2	17068	16797	17829	17231	3.11	cps
Iron	56-2	298349	296151	302939	299146	1.16	cps
Iron	57-2	7941	7663	8008	7871	2.32	cps
Krypton	83-1	650	790	783	741	10.66	cps
Lead	206-1	16928	17284	16900	17037	1.26	cps
Lead	207-1	14775	15799	14964	15179	3.59	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	66633	70062	67167	67954	2.72	cps
Lithium	6-1	7328099	7506804	7424142	7419682	1.21	cps
Magnesium	24-2	259569	265674	265404	263549	1.31	cps
Manganese	55-2	4167	3891	3971	4010	3.55	cps
Molybdenum	94-1	45323	47764	44997	46028	3.29	cps
Molybdenum	95-1	54915	58144	55542	56201	3.05	cps
Molybdenum	96-1	60438	64538	63911	62962	3.51	cps
Molybdenum	97-1	34284	36389	36055	35576	3.18	cps
Molybdenum	98-1	89875	90354	90739	90323	0.48	cps
Neodymium	150-1	7	20	47	24	83.31	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	3074	3397	3247	3239	5.00	cps
Phosphorus	31-2	758	858	808	808	6.18	cps
Potassium	39-2	277038	279992	278510	278513	0.53	cps
Rhodium	103-1	24018249	24353040	24273691	24214993	0.72	cps
Rhodium	103-2	10564351	10426548	10575914	10522271	0.79	cps
Scandium	45-1	18132536	18336853	18249691	18239693	0.56	cps
Scandium	45-2	692969	695105	698925	695666	0.43	cps
Selenium	82-1	2695	2712	2608	2672	2.07	cps
Selenium	77-2	93	103	83	93	10.72	cps
Selenium	78-2	461	419	433	438	4.94	cps
Silicon	28-1	534851	545956	547263	542690	1.26	cps
Silver	109-1	29858	29097	29866	29607	1.49	cps
Silver	107-1	30425	30258	30885	30523	1.06	cps
Sodium	23-2	533658	531946	540435	535346	0.84	cps
Strontium	86-1	8344	8403	8269	8339	0.80	cps
Strontium	88-1	64262	65367	65852	65160	1.25	cps
Sulfur	34-1	816332	823963	813771	818022	0.65	cps
Terbium	159-1	31656403	32515331	31820230	31997321	1.43	cps
Terbium	159-2	14293421	14192414	14271673	14252503	0.37	cps
Thallium	203-1	18881	19824	20158	19621	3.38	cps
Thallium	205-1	46290	47160	45789	46413	1.49	cps
Thorium	232-1	59464	60350	59468	59761	0.85	cps
Tin	118-1	90165	94736	93578	92826	2.56	cps
Titanium	47-1	17770	17278	17177	17408	1.82	cps
Uranium	238-1	58016	59957	58725	58899	1.67	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:36:34	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26841	26805	27950	27199	2.39	cps
Yttrium	89-1	36473444	37449782	37120759	37014662	1.34	cps
Yttrium	89-2	4383945	4381959	4443260	4403055	0.79	cps
Zinc	66-2	2980	3144	3174	3099	3.36	cps
Zirconium	90-1	36991	37617	37316	37308	0.84	cps
Zirconium	91-1	8553	8303	8586	8481	1.83	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	42	47	36.74	cps
Antimony	121-1	992	1317	1642	1317	24.68	cps
Arsenic	75-2	15	13	7	12	32.84	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	92	50	83	75	29.40	cps
Beryllium	9-1	161	156	100	139	24.33	cps
Bismuth	209-1	18430442	18606208	18427716	18488122	0.55	cps
Bismuth	209-2	10557103	10450983	10308095	10438727	1.20	cps
Boron	10-1	3284	3192	3334	3270	2.20	cps
Boron	11-1	15692	15066	14391	15050	4.32	cps
Bromine	81-1	77216	79509	76732	77819	1.91	cps
Bromine	81-2	160	70	50	93	62.78	cps
Cadmium	111-1	11707	11755	12261	11908	2.58	cps
Cadmium	106-1	16660	16727	17386	16925	2.37	cps
Cadmium	108-1	50	29	25	35	38.57	cps
Calcium	43-1	458	358	425	414	12.30	cps
Calcium	44-1	19130	18980	19748	19286	2.11	cps
Chromium	52-2	1903	1887	1820	1870	2.36	cps
Cobalt	59-2	97	117	137	117	17.14	cps
Copper	63-2	1727	1920	1647	1765	7.96	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	53	27	23	34	47.73	cps
Erbium	164-1	158	158	200	172	13.97	cps
Erbium	164-2	67	73	83	74	11.26	cps
Gadolinium	160-1	175	200	183	186	6.84	cps
Gadolinium	160-2	473	447	377	432	11.55	cps
Holmium	165-1	30686844	30749017	30292965	30576276	0.81	cps
Holmium	165-2	14348615	14249976	14053312	14217301	1.06	cps
Indium	115-1	25733991	25525932	25493033	25584319	0.51	cps
Indium	115-2	4278080	4254823	4213367	4248757	0.77	cps
Iron	54-2	1031	941	861	944	9.02	cps
Iron	56-2	9259	9659	10076	9665	4.23	cps
Iron	57-2	417	461	450	443	5.23	cps
Krypton	83-1	700	747	693	713	4.07	cps
Lead	206-1	1967	1878	2006	1950	3.36	cps
Lead	207-1	1778	1661	1845	1761	5.27	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7701	7284	7579	7521	2.85	cps
Lithium	6-1	7416454	7419355	7417028	7417612	0.02	cps
Magnesium	24-2	625	675	692	664	5.23	cps
Manganese	55-2	100	77	123	100	23.33	cps
Molybdenum	94-1	967	1050	1133	1050	7.94	cps
Molybdenum	95-1	358	492	433	428	15.63	cps
Molybdenum	96-1	683	683	708	692	2.09	cps
Molybdenum	97-1	283	267	392	314	21.62	cps
Molybdenum	98-1	692	625	792	703	11.94	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	83	103	90	92	11.04	cps
Phosphorus	31-2	158	225	242	208	21.17	cps
Potassium	39-2	40631	41200	41100	40977	0.74	cps
Rhodium	103-1	24160885	24141478	24141941	24148101	0.05	cps
Rhodium	103-2	10444650	10323315	10268771	10345579	0.87	cps
Scandium	45-1	18134031	18323461	18157118	18204870	0.57	cps
Scandium	45-2	694448	687982	686166	689532	0.63	cps
Selenium	82-1	32	14	55	34	61.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	102	107	105	2.70	cps
Silicon	28-1	384619	387652	392314	388195	1.00	cps
Silver	109-1	167	233	208	203	16.61	cps
Silver	107-1	558	450	408	472	16.40	cps
Sodium	23-2	39302	38668	40723	39564	2.66	cps
Strontium	86-1	1192	1067	1242	1167	7.73	cps
Strontium	88-1	167	192	167	175	8.25	cps
Sulfur	34-1	831075	833893	837505	834158	0.39	cps
Terbium	159-1	31633843	31792388	31695685	31707305	0.25	cps
Terbium	159-2	14311165	14054641	13961904	14109237	1.28	cps
Thallium	203-1	1250	1167	1050	1156	8.69	cps
Thallium	205-1	2334	2300	2325	2320	0.75	cps
Thorium	232-1	2611	2795	3000	2802	6.94	cps
Tin	118-1	1875	1975	1892	1914	2.80	cps
Titanium	47-1	308	225	242	258	17.07	cps
Uranium	238-1	1625	1675	1525	1609	4.75	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:40:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	10	13	16	44.60	cps
Yttrium	89-1	36334233	36443430	36805247	36527637	0.67	cps
Yttrium	89-2	4373594	4389190	4304706	4355830	1.03	cps
Zinc	66-2	660	727	687	691	4.86	cps
Zirconium	90-1	2125	1917	2417	2153	11.67	cps
Zirconium	91-1	442	475	533	483	9.60	cps

LB Number : LB107568 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-02-05 12:44:07 DataFile Name : 018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4701	4659	4693	4684	0.47	cps
Antimony	121-1	41320	42307	41629	41752	1.21	cps
Arsenic	75-2	657	693	770	707	8.18	cps
Barium	135-1	55378	55303	55143	55275	0.22	cps
Barium	137-1	96199	94899	95914	95671	0.71	cps
Beryllium	9-1	5173	5023	5262	5153	2.34	cps
Bismuth	209-1	19106967	19084417	19047766	19079717	0.16	cps
Bismuth	209-2	10797122	10650372	10663460	10703652	0.76	cps
Boron	10-1	23478	23594	25030	24034	3.60	cps
Boron	11-1	110203	111738	113592	111844	1.52	cps
Bromine	81-1	75213	75535	76631	75793	0.98	cps
Bromine	81-2	100	70	170	113	45.28	cps
Cadmium	111-1	18215	18570	18448	18411	0.98	cps
Cadmium	106-1	17996	18129	17845	17990	0.79	cps
Cadmium	108-1	500	621	529	550	11.46	cps
Calcium	43-1	41050	41367	40432	40950	1.16	cps
Calcium	44-1	666153	666016	669641	667270	0.31	cps
Chromium	52-2	15265	14991	14574	14943	2.33	cps
Cobalt	59-2	11762	11178	11491	11477	2.55	cps
Copper	63-2	18265	17494	17981	17913	2.18	cps
Dysprosium	156-1	67	25	25	39	61.86	cps
Dysprosium	156-2	30	30	40	33	17.32	cps
Erbium	164-1	117	158	108	128	20.96	cps
Erbium	164-2	80	73	70	74	6.84	cps
Gadolinium	160-1	200	200	258	219	15.35	cps
Gadolinium	160-2	473	457	450	460	2.61	cps
Holmium	165-1	31725908	31566486	31562897	31618430	0.29	cps
Holmium	165-2	14600535	14271638	14271314	14381162	1.32	cps
Indium	115-1	26471922	26677898	26354076	26501299	0.62	cps
Indium	115-2	4382992	4297307	4280102	4320134	1.28	cps
Iron	54-2	18321	18140	17779	18080	1.52	cps
Iron	56-2	306078	308218	309724	308007	0.59	cps
Iron	57-2	8436	8075	8002	8171	2.84	cps
Krypton	83-1	707	773	670	717	7.31	cps
Lead	206-1	18569	18458	18302	18443	0.73	cps
Lead	207-1	15765	15788	15860	15804	0.31	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:44:07	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	73024	73008	73147	73060	0.10	cps
Lithium	6-1	7748351	7687361	7683975	7706562	0.47	cps
Magnesium	24-2	277635	275900	275216	276250	0.45	cps
Manganese	55-2	4121	4151	4284	4185	2.08	cps
Molybdenum	94-1	46744	45331	46083	46053	1.54	cps
Molybdenum	95-1	60036	59290	58680	59335	1.14	cps
Molybdenum	96-1	65066	64807	65418	65097	0.47	cps
Molybdenum	97-1	36055	36565	35929	36183	0.93	cps
Molybdenum	98-1	95537	97273	93816	95542	1.81	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	3464	3354	3460	3426	1.83	cps
Phosphorus	31-2	1083	1075	975	1045	5.77	cps
Potassium	39-2	288710	286864	284966	286847	0.65	cps
Rhodium	103-1	24912308	24838170	24748144	24832874	0.33	cps
Rhodium	103-2	10507300	10503489	10443297	10484695	0.34	cps
Scandium	45-1	18661644	18759216	18643448	18688103	0.33	cps
Scandium	45-2	709364	706306	697719	704463	0.86	cps
Selenium	82-1	3143	3128	3108	3127	0.56	cps
Selenium	77-2	73	80	107	87	20.36	cps
Selenium	78-2	520	532	454	502	8.38	cps
Silicon	28-1	479182	484513	479842	481179	0.60	cps
Silver	109-1	28522	28764	28212	28499	0.97	cps
Silver	107-1	30258	30334	30425	30339	0.28	cps
Sodium	23-2	560222	551160	556855	556079	0.82	cps
Strontium	86-1	9504	8611	8728	8948	5.42	cps
Strontium	88-1	68623	68415	68406	68481	0.18	cps
Sulfur	34-1	849925	842603	843800	845442	0.46	cps
Terbium	159-1	32666443	32673643	32280455	32540180	0.69	cps
Terbium	159-2	14371069	14235199	14137432	14247900	0.82	cps
Thallium	203-1	20492	19866	20942	20433	2.65	cps
Thallium	205-1	48531	48875	48439	48615	0.47	cps
Thorium	232-1	55138	52333	51424	52965	3.66	cps
Tin	118-1	97712	96094	96431	96746	0.88	cps
Titanium	47-1	18896	19013	17811	18574	3.57	cps
Uranium	238-1	61689	62928	62342	62320	1.00	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:44:07	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28575	29216	28257	28682	1.70	cps
Yttrium	89-1	37903404	37893388	37536816	37777869	0.55	cps
Yttrium	89-2	4374636	4424109	4433011	4410585	0.71	cps
Zinc	66-2	3357	3134	3230	3240	3.46	cps
Zirconium	90-1	35854	35044	34551	35150	1.87	cps
Zirconium	91-1	8311	7886	8186	8128	2.69	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4242636	4285888	4285834	4271453	0.58	cps
Antimony	121-1	33617	33407	33984	33669	0.87	cps
Arsenic	75-2	8532	8534	8682	8583	1.00	cps
Barium	135-1	1916547	1939699	1921361	1925869	0.63	cps
Barium	137-1	3338260	3367115	3335701	3347026	0.52	cps
Beryllium	9-1	5384	5668	5418	5490	2.82	cps
Bismuth	209-1	17180371	17146837	17400519	17242576	0.80	cps
Bismuth	209-2	9818333	9872885	9806712	9832643	0.36	cps
Boron	10-1	20481	22184	21015	21227	4.10	cps
Boron	11-1	96668	97951	97381	97333	0.66	cps
Bromine	81-1	315609	341629	348588	335275	5.18	cps
Bromine	81-2	19975	20406	21238	20539	3.13	cps
Cadmium	111-1	28202	28973	29059	28744	1.64	cps
Cadmium	106-1	19690	19606	19773	19689	0.42	cps
Cadmium	108-1	1563	1492	1513	1522	2.39	cps
Calcium	43-1	3066047	3078709	3139801	3094852	1.27	cps
Calcium	44-1	49453473	49631878	50020998	49702116	0.58	cps
Chromium	52-2	357457	365054	353614	358708	1.62	cps
Cobalt	59-2	187674	188157	187324	187718	0.22	cps
Copper	63-2	1349021	1349977	1348211	1349069	0.07	cps
Dysprosium	156-1	120468	124782	123395	122881	1.79	cps
Dysprosium	156-2	53972	55636	54434	54681	1.57	cps
Erbium	164-1	100110	99857	98506	99491	0.87	cps
Erbium	164-2	44860	45453	45593	45302	0.86	cps
Gadolinium	160-1	96918	102015	99671	99535	2.56	cps
Gadolinium	160-2	50590	53427	51641	51886	2.76	cps
Holmium	165-1	29815690	29941299	30216588	29991192	0.68	cps
Holmium	165-2	14081581	14130455	14032820	14081619	0.35	cps
Indium	115-1	24368062	24742585	24702302	24604317	0.84	cps
Indium	115-2	4094490	4212131	4125570	4144064	1.47	cps
Iron	54-2	11028770	11169051	10875777	11024533	1.33	cps
Iron	56-2	208884805	212135021	206609449	209209758	1.33	cps
Iron	57-2	5155366	5191606	5159283	5168752	0.38	cps
Krypton	83-1	933	920	970	941	2.75	cps
Lead	206-1	7675469	7925655	7833499	7811541	1.62	cps
Lead	207-1	6573024	6651870	6648052	6624315	0.67	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	30571214	30799561	30793152	30721309	0.42	cps
Lithium	6-1	7174111	7224807	7304695	7234537	0.91	cps
Magnesium	24-2	4841370	4865035	4913265	4873223	0.75	cps
Manganese	55-2	2377748	2416973	2362813	2385845	1.17	cps
Molybdenum	94-1	57768	58982	58504	58418	1.05	cps
Molybdenum	95-1	33098	33557	34643	33766	2.35	cps
Molybdenum	96-1	47756	49170	47789	48238	1.67	cps
Molybdenum	97-1	20223	21442	21350	21005	3.23	cps
Molybdenum	98-1	53350	54639	55091	54360	1.66	cps
Neodymium	150-1	148958	154093	149041	150697	1.95	cps
Neodymium	150-2	52369	53286	53206	52954	0.96	cps
Nickel	60-2	133181	132977	132788	132982	0.15	cps
Phosphorus	31-2	12456	12789	12714	12653	1.38	cps
Potassium	39-2	2863923	2954957	2927894	2915591	1.60	cps
Rhodium	103-1	22347624	22816780	22943382	22702595	1.38	cps
Rhodium	103-2	9886648	10090096	9937447	9971397	1.06	cps
Scandium	45-1	18440951	18562980	18774296	18592742	0.91	cps
Scandium	45-2	705270	718516	702859	708882	1.19	cps
Selenium	82-1	869	873	823	855	3.27	cps
Selenium	77-2	317	227	323	289	18.69	cps
Selenium	78-2	365	361	363	363	0.51	cps
Silicon	28-1	148297012	148156453	147997103	148150189	0.10	cps
Silver	109-1	15417	15000	16427	15615	4.70	cps
Silver	107-1	15684	16635	16802	16374	3.68	cps
Sodium	23-2	52531107	52669953	53032514	52744525	0.49	cps
Strontium	86-1	1988284	2000104	2025467	2004618	0.95	cps
Strontium	88-1	17428835	17442984	17585213	17485677	0.49	cps
Sulfur	34-1	1342899	1335726	1340104	1339576	0.27	cps
Terbium	159-1	30508293	31246415	31360513	31038407	1.49	cps
Terbium	159-2	13890385	14035740	13908924	13945016	0.57	cps
Thallium	203-1	8461	8228	8587	8425	2.16	cps
Thallium	205-1	19807	19473	20083	19788	1.54	cps
Thorium	232-1	240496	247591	243327	243805	1.47	cps
Tin	118-1	591541	609121	608989	603217	1.68	cps
Titanium	47-1	2891855	2928698	2932465	2917673	0.77	cps
Uranium	238-1	79837	78329	80072	79413	1.19	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	L1265-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	CTY-WC-L-01DL2	Dilution Factor :	10
Date & Time Acquired ::	2020-02-05 12:47:48	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	331793	340047	330175	334005	1.59	cps
Yttrium	89-1	37053369	37165604	37916405	37378460	1.26	cps
Yttrium	89-2	4488216	4610510	4492712	4530480	1.53	cps
Zinc	66-2	1194426	1208016	1208173	1203538	0.66	cps
Zirconium	90-1	103206	106312	107034	105517	1.93	cps
Zirconium	91-1	22919	23795	25048	23921	4.47	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9680054	9681346	9643289	9668230	0.22	cps
Antimony	121-1	8173050	8454961	8574993	8401001	2.46	cps
Arsenic	75-2	277113	276601	276214	276643	0.16	cps
Barium	135-1	11326767	11752004	11696412	11591728	1.99	cps
Barium	137-1	19576257	20141230	20293342	20003610	1.89	cps
Beryllium	9-1	1927679	1951203	1991080	1956654	1.64	cps
Bismuth	209-1	14692683	15052464	15310961	15018703	2.07	cps
Bismuth	209-2	8438300	8541153	8575171	8518208	0.84	cps
Boron	10-1	337563	348163	354942	346889	2.53	cps
Boron	11-1	1588949	1629463	1683243	1633885	2.90	cps
Bromine	81-1	84120	80928	81824	82290	2.00	cps
Bromine	81-2	761	460	460	561	30.93	cps
Cadmium	111-1	2891724	2999330	3024222	2971759	2.37	cps
Cadmium	106-1	349410	364525	365542	359826	2.51	cps
Cadmium	108-1	225222	234339	235512	231691	2.43	cps
Calcium	43-1	15699911	16041757	16377824	16039831	2.11	cps
Calcium	44-1	251701706	256377414	261303056	256460725	1.87	cps
Chromium	52-2	2756715	2781519	2777343	2771859	0.48	cps
Cobalt	59-2	4925063	4960398	4987215	4957559	0.63	cps
Copper	63-2	7157218	7200798	7232593	7196869	0.53	cps
Dysprosium	156-1	1117	1050	1133	1100	4.01	cps
Dysprosium	156-2	480	507	533	507	5.26	cps
Erbium	164-1	192	250	208	217	13.87	cps
Erbium	164-2	77	117	123	106	23.91	cps
Gadolinium	160-1	858	942	808	870	7.75	cps
Gadolinium	160-2	773	760	793	776	2.16	cps
Holmium	165-1	27349853	28203232	28659889	28070991	2.37	cps
Holmium	165-2	12972011	13052469	13190495	13071658	0.85	cps
Indium	115-1	21951625	22919439	22895459	22588841	2.44	cps
Indium	115-2	3751189	3809671	3853080	3804647	1.34	cps
Iron	54-2	29380340	29493862	29460250	29444817	0.20	cps
Iron	56-2	550854723	560714879	552405379	554658327	0.96	cps
Iron	57-2	13537287	13634690	13768182	13646720	0.85	cps
Krypton	83-1	697	813	743	751	7.82	cps
Lead	206-1	6334005	6549987	6584659	6489551	2.09	cps
Lead	207-1	5547957	5769846	5838578	5718794	2.66	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	25442225	26287797	26578932	26102984	2.26	cps
Lithium	6-1	6360710	6485159	6501640	6449170	1.19	cps
Magnesium	24-2	104831048	104948248	105825296	105201531	0.52	cps
Manganese	55-2	3119637	3166539	3159559	3148578	0.80	cps
Molybdenum	94-1	19561111	20085662	20053734	19900169	1.48	cps
Molybdenum	95-1	23707964	24360408	24541645	24203339	1.81	cps
Molybdenum	96-1	26577200	27511987	27542735	27210641	2.02	cps
Molybdenum	97-1	14830998	15223911	15416376	15157095	1.97	cps
Molybdenum	98-1	38288276	39359505	39735270	39127684	1.92	cps
Neodymium	150-1	1453	1533	1333	1440	6.99	cps
Neodymium	150-2	137	117	110	121	11.46	cps
Nickel	60-2	1273331	1275397	1286375	1278367	0.55	cps
Phosphorus	31-2	103995	102568	103944	103502	0.78	cps
Potassium	39-2	49947703	50617316	51016602	50527207	1.07	cps
Rhodium	103-1	19097307	19721721	19814102	19544377	2.00	cps
Rhodium	103-2	8406609	8444131	8470402	8440381	0.38	cps
Scandium	45-1	15835334	16271236	16439805	16182125	1.93	cps
Scandium	45-2	610279	624010	624531	619607	1.30	cps
Selenium	82-1	211654	214929	218296	214960	1.55	cps
Selenium	77-2	7916	7826	8036	7926	1.33	cps
Selenium	78-2	26654	27222	27274	27050	1.27	cps
Silicon	28-1	6983861	7252126	7337514	7191167	2.57	cps
Silver	109-1	11274796	11628401	11737724	11546974	2.10	cps
Silver	107-1	11869246	12201494	12282194	12117644	1.81	cps
Sodium	23-2	199699388	202472709	202527430	201566509	0.80	cps
Strontium	86-1	3262398	3317730	3356309	3312145	1.43	cps
Strontium	88-1	28206989	29216414	29212470	28878625	2.01	cps
Sulfur	34-1	2013311	2047190	2031866	2030789	0.84	cps
Terbium	159-1	28421835	29168860	29132971	28907889	1.46	cps
Terbium	159-2	12732741	13014771	12935873	12894461	1.13	cps
Thallium	203-1	7817038	8066740	8191115	8024964	2.37	cps
Thallium	205-1	18683517	19305943	19467744	19152401	2.16	cps
Thorium	232-1	29145705	29516417	29610249	29424124	0.83	cps
Tin	118-1	7444613	7845868	7962441	7750974	3.50	cps
Titanium	47-1	7241215	7412782	7512068	7388688	1.85	cps
Uranium	238-1	27729389	28346594	28322031	28132671	1.24	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:51:33	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2237364	2261450	2270213	2256342	0.75	cps
Yttrium	89-1	32623162	33511025	33554732	33229640	1.58	cps
Yttrium	89-2	3959146	4029060	4031574	4006593	1.03	cps
Zinc	66-2	903206	908994	902086	904762	0.41	cps
Zirconium	90-1	16344560	16608962	16518305	16490609	0.81	cps
Zirconium	91-1	3665140	3722461	3711245	3699616	0.82	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	383	233	294	26.75	cps
Antimony	121-1	11897	13949	14992	13613	11.57	cps
Arsenic	75-2	22	50	33	35	39.74	cps
Barium	135-1	375	417	233	342	28.13	cps
Barium	137-1	592	542	500	544	8.43	cps
Beryllium	9-1	283	350	261	298	15.51	cps
Bismuth	209-1	17797047	17904804	18043414	17915089	0.69	cps
Bismuth	209-2	10150971	10149274	10295237	10198494	0.82	cps
Boron	10-1	9086	8653	7986	8575	6.47	cps
Boron	11-1	44199	40405	39386	41330	6.14	cps
Bromine	81-1	74215	75161	75051	74809	0.69	cps
Bromine	81-2	240	240	290	257	11.25	cps
Cadmium	111-1	11534	11349	11598	11493	1.13	cps
Cadmium	106-1	16193	15926	16293	16138	1.18	cps
Cadmium	108-1	50	71	58	60	17.56	cps
Calcium	43-1	942	892	650	828	18.84	cps
Calcium	44-1	23444	22852	23153	23150	1.28	cps
Chromium	52-2	1843	1790	1883	1839	2.55	cps
Cobalt	59-2	213	157	160	177	18.00	cps
Copper	63-2	1970	1760	1997	1909	6.79	cps
Dysprosium	156-1	25	33	33	31	15.75	cps
Dysprosium	156-2	23	23	33	27	21.65	cps
Erbium	164-1	142	183	150	158	13.92	cps
Erbium	164-2	73	73	83	77	7.53	cps
Gadolinium	160-1	233	208	217	219	5.80	cps
Gadolinium	160-2	427	447	447	440	2.62	cps
Holmium	165-1	29504477	29353440	29363639	29407185	0.29	cps
Holmium	165-2	13743911	13764164	14058003	13855359	1.27	cps
Indium	115-1	24715767	24721731	24895236	24777578	0.41	cps
Indium	115-2	4061588	4121637	4185541	4122922	1.50	cps
Iron	54-2	1752	1622	1862	1745	6.89	cps
Iron	56-2	25495	25701	26063	25753	1.12	cps
Iron	57-2	833	822	811	822	1.35	cps
Krypton	83-1	693	663	763	707	7.26	cps
Lead	206-1	2661	2661	2667	2663	0.12	cps
Lead	207-1	2367	2439	2356	2387	1.90	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10496	10096	10135	10243	2.15	cps
Lithium	6-1	7004574	7063041	7076617	7048077	0.54	cps
Magnesium	24-2	2775	2500	2284	2520	9.78	cps
Manganese	55-2	167	167	167	167	0.00	cps
Molybdenum	94-1	3842	4017	4393	4084	6.88	cps
Molybdenum	95-1	4301	4401	4584	4429	3.25	cps
Molybdenum	96-1	5393	5109	5193	5232	2.78	cps
Molybdenum	97-1	2817	3159	2784	2920	7.11	cps
Molybdenum	98-1	6719	7469	7044	7077	5.32	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	137	133	127	132	3.85	cps
Phosphorus	31-2	225	175	192	197	12.91	cps
Potassium	39-2	41083	41760	40749	41197	1.25	cps
Rhodium	103-1	22959711	22783808	22948507	22897342	0.43	cps
Rhodium	103-2	10049788	10127869	10204417	10127358	0.76	cps
Scandium	45-1	17013260	16879777	17101622	16998220	0.66	cps
Scandium	45-2	642426	652148	664209	652928	1.67	cps
Selenium	82-1	28	129	-37	40	210.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	122	74	100	99	24.39	cps
Silicon	28-1	387788	381779	381836	383801	0.90	cps
Silver	109-1	867	758	825	817	6.69	cps
Silver	107-1	1175	1067	1100	1114	4.98	cps
Sodium	23-2	62045	60808	60054	60969	1.65	cps
Strontium	86-1	1208	1133	1150	1164	3.38	cps
Strontium	88-1	808	917	1050	925	13.09	cps
Sulfur	34-1	730491	735497	745010	736999	1.00	cps
Terbium	159-1	30351174	30254182	30662590	30422649	0.70	cps
Terbium	159-2	13513526	13792399	13889156	13731693	1.42	cps
Thallium	203-1	2192	1959	1909	2020	7.49	cps
Thallium	205-1	4784	4426	4159	4456	7.04	cps
Thorium	232-1	9037	8892	9376	9102	2.73	cps
Tin	118-1	5426	5785	6677	5963	10.80	cps
Titanium	47-1	750	775	733	753	2.79	cps
Uranium	238-1	2917	2900	2575	2798	6.89	cps

LB Number :	LB107568	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-05 12:55:20	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	70	67	60	24.22	cps
Yttrium	89-1	34990951	34462840	35002674	34818822	0.89	cps
Yttrium	89-2	4104847	4191619	4262481	4186316	1.89	cps
Zinc	66-2	707	627	673	669	6.01	cps
Zirconium	90-1	3901	4001	4851	4251	12.28	cps
Zirconium	91-1	1058	925	900	961	8.86	cps