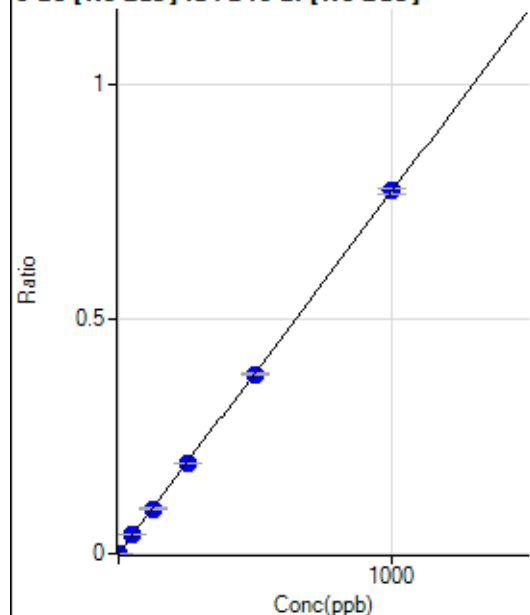


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021120-MS.b\
Analysis File: P8021120-MS.batch.bin
DA Date-Time: 2020-02-11 15:15:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-02-11 13:18:57
2	006CALS.d	S02	2020-02-11 13:21:58
3	007CALS.d	S03	2020-02-11 13:24:58
4	008CALS.d	S04	2020-02-11 13:27:59
5	009CALS.d	S05	2020-02-11 13:30:57
6	010CALS.d	S06	2020-02-11 13:33:57
7	011CALS.d	S07	2020-02-11 13:36:55
8	012CALS.d	S08	2020-02-11 13:39:56

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	14.4
2	☐	1.000	0.964	389.93	0.0008	P	6.4
3	☐	50.000	51.127	20316.58	0.0394	P	1.1
4	☐	125.000	124.610	48757.00	0.0960	P	0.6
5	☐	250.000	249.518	100057.36	0.1922	P	1.4
6	☐	500.000	495.877	208421.49	0.3819	P	0.5
7	☐	1000.000	1002.175	412378.99	0.7717	P	1.4
8	☐			105.98	0.0002	P	19.0

$$y = 7.7001\text{E-}004 * x + 2.7110\text{E-}005$$

$$R = 1.0000$$

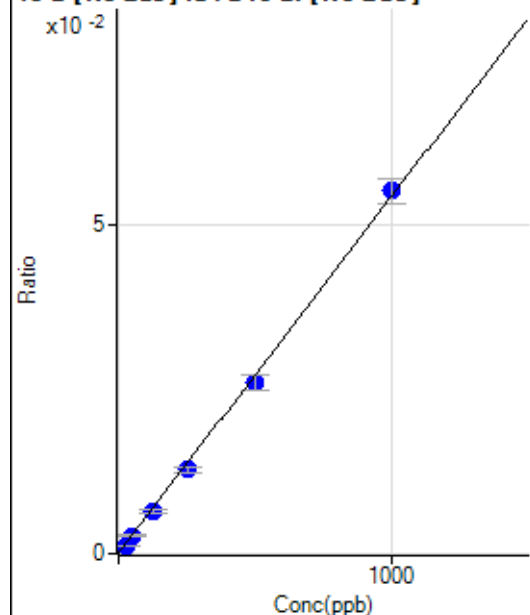
$$DL = 0.01525$$

$$BEC = 0.03521$$

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	47.99	0.0001	P	14.6
2	☐	25.000	20.085	603.23	0.0012	P	10.9
3	☐	50.000	49.373	1434.46	0.0028	P	7.3
4	☐	125.000	114.754	3219.06	0.0063	P	9.1
5	☐	250.000	234.791	6700.22	0.0129	P	7.1
6	☐	500.000	478.815	14250.77	0.0261	P	9.2
7	☐	1000.000	1015.830	29561.08	0.0553	P	6.6
8	☐			5537.30	0.0111	P	6.3

$$y = 5.4361\text{E-}005 * x + 9.8147\text{E-}005$$

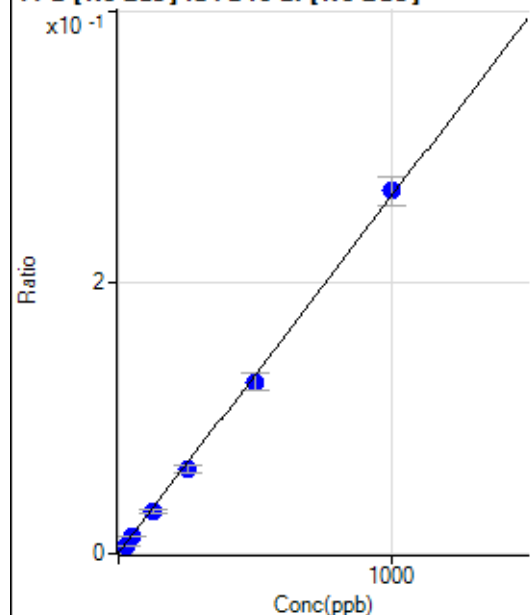
$$R = 0.9995$$

$$DL = 0.7897$$

$$BEC = 1.805$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.30	0.0004	P	1.9
2	☐	25.000	19.836	2838.39	0.0056	P	10.3
3	☐	50.000	47.244	6604.20	0.0128	P	9.7
4	☐	125.000	117.482	15895.46	0.0313	P	8.7
5	☐	250.000	235.307	32448.67	0.0623	P	8.0
6	☐	500.000	480.159	69107.12	0.1267	P	9.2
7	☐	1000.000	1014.800	142858.62	0.2673	P	7.8
8	☐			25980.41	0.0521	P	7.8

$$y = 2.6307\text{E-}004 * x + 3.8118\text{E-}004$$

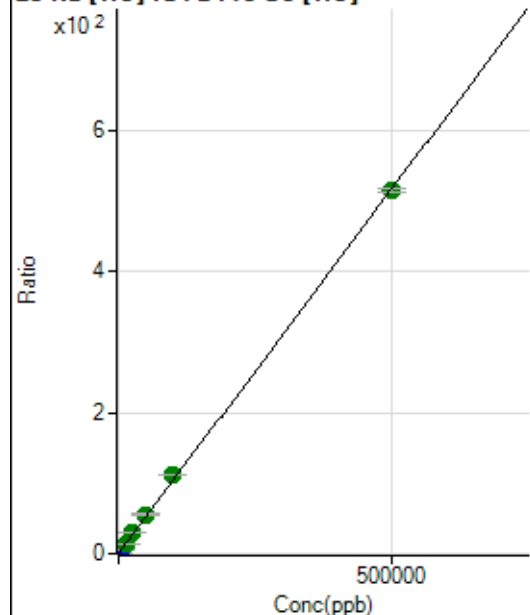
$$R = 0.9996$$

$$DL = 0.08238$$

$$BEC = 1.449$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31520.70	0.4054	P	2.9
2	☐	500.000	515.266	74068.72	0.9366	P	2.4
3	☐	5000.000	5527.139	493015.97	6.1028	P	0.1
4	☐	12500.000	13656.960	1136278.61	14.4831	A	0.6
5	☐	25000.000	27635.306	2330487.20	28.8921	A	1.1
6	☐	50000.000	53254.426	4669889.17	55.3005	A	2.6
7	☐	100000.00	108503.32	9339566.27	112.2515	A	0.9
8	☐	500000.00	497807.91	41355336.34	513.5496	A	1.1

$$y = 0.0010 * x + 0.4054$$

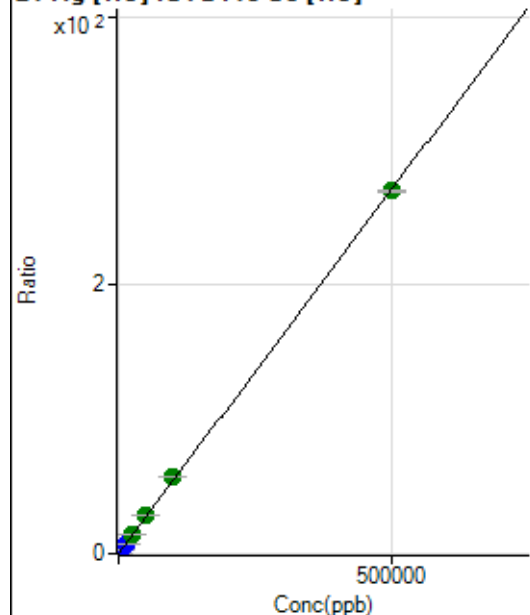
$$R = 0.9998$$

$$DL = 33.72$$

$$BEC = 393.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	352.80	0.0045	P	5.0
2	☐	500.000	518.767	22598.61	0.2857	P	2.5
3	☐	5000.000	5408.964	237183.73	2.9361	P	0.6
4	☐	12500.000	13367.076	568739.51	7.2492	P	0.6
5	☐	25000.000	27117.821	1185854.67	14.7018	A	2.0
6	☐	50000.000	53224.060	2436232.02	28.8509	A	3.0
7	☐	100000.00	106306.98	4794209.27	57.6207	A	0.5
8	☐	500000.00	498284.52	21748468.54	270.0643	A	0.4

$$y = 5.4198\text{E-}004 * x + 0.0045$$

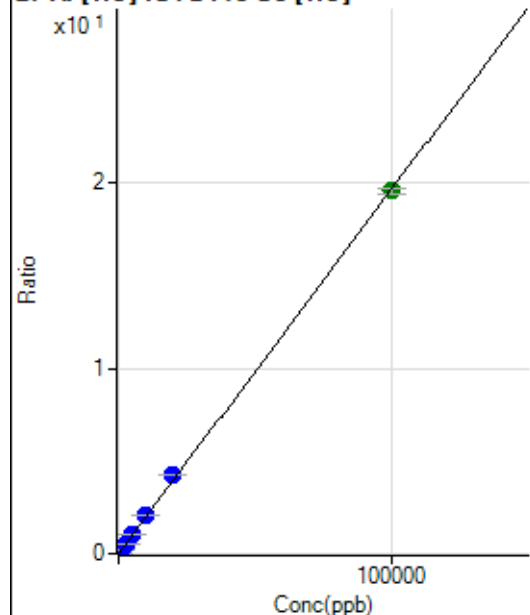
$$R = 0.9999$$

$$DL = 1.246$$

$$BEC = 8.369$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372.23	0.0048	P	5.9
2	☐	20.000	17.107	644.47	0.0081	P	6.0
3	☐	1000.000	1115.623	18077.99	0.2238	P	1.1
4	☐	2500.000	2657.548	41305.17	0.5265	P	0.9
5	☐	5000.000	5415.935	86145.78	1.0680	P	0.6
6	☐	10000.000	10690.840	177662.24	2.1035	P	0.8
7	☐	20000.000	21608.592	353336.54	4.2467	P	0.9
8	☐	100000.00	99583.306	1574560.81	19.5539	A	1.6

$$y = 1.9631\text{E-}004 * x + 0.0048$$

$$R = 0.9999$$

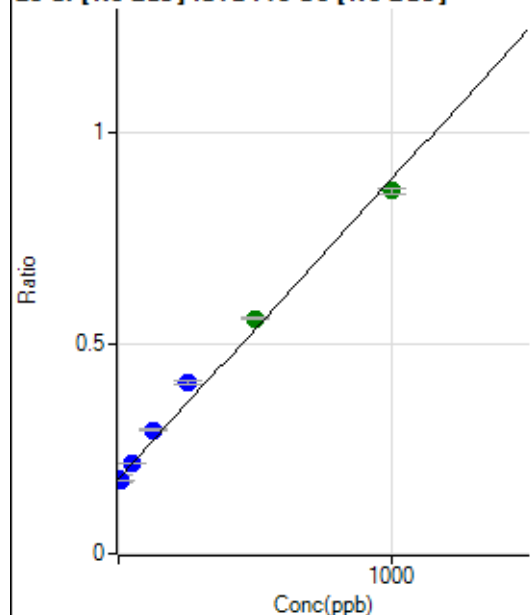
$$DL = 4.348$$

$$BEC = 24.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	348874.89	0.1785	P	7.9
2	☐	10.000	-6.126	363785.17	0.1741	P	1.1
3	☐	50.000	51.896	456512.19	0.2154	P	0.7
4	☐	125.000	162.081	605754.10	0.2939	P	1.7
5	☐	250.000	319.914	866833.35	0.4063	P	2.3
6	☐	500.000	535.026	1248421.59	0.5596	A	1.4
7	☐	1000.000	960.440	1921328.84	0.8625	A	1.9
8	☐			476474.72	0.2281	P	1.2

$$y = 7.1224\text{E-}004 * x + 0.1785$$

R = 0.9950

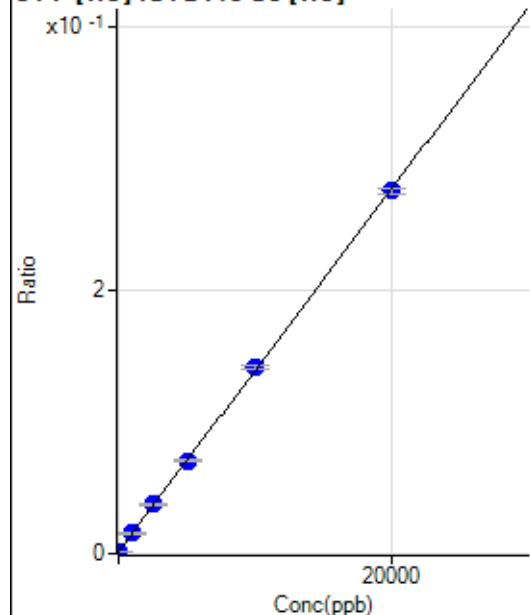
DL = 59.57

BEC = 250.6

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-21.947	102.78	0.0013	P	56.2
2	☐	0.000	21.947	152.78	0.0019	P	19.0
3	☐	1000.000	1015.268	1261.20	0.0156	P	6.6
4	☐	2500.000	2588.269	2925.37	0.0373	P	5.6
5	☐	5000.000	5006.882	5695.72	0.0706	P	2.8
6	☐	10000.000	10177.745	11983.02	0.1418	P	1.8
7	☐	20000.000	19897.610	22946.39	0.2758	P	1.8
8	☐			116.67	0.0014	P	46.3

$$y = 1.3777\text{E-}005 * x + 0.0016$$

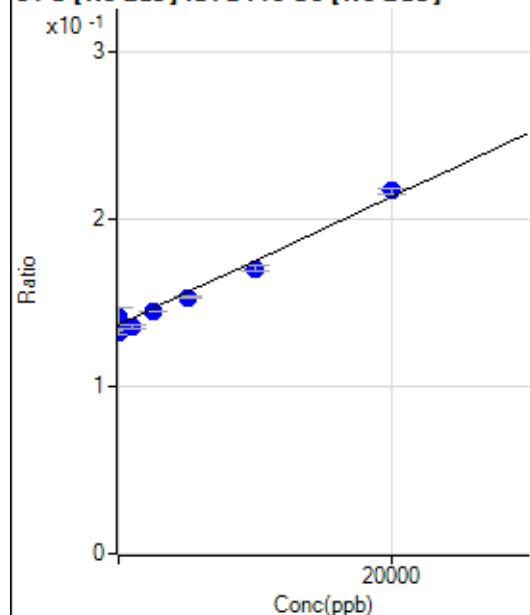
R = 0.9999

DL = 121.1

BEC = 118.3

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1251.901	277078.90	0.1418	P	8.2
2	☐	0.000	-1251.901	276215.90	0.1322	P	1.9
3	☐	1000.000	-333.417	287539.63	0.1357	P	1.6
4	☐	2500.000	2046.308	298438.13	0.1448	P	0.7
5	☐	5000.000	4214.988	326565.09	0.1531	P	1.0
6	☐	10000.000	8803.046	380608.01	0.1706	P	2.2
7	☐	20000.000	20918.112	483151.07	0.2169	P	1.3
8	☐			261571.68	0.1252	P	0.9

$$y = 3.8197\text{E-}006 * x + 0.1370$$

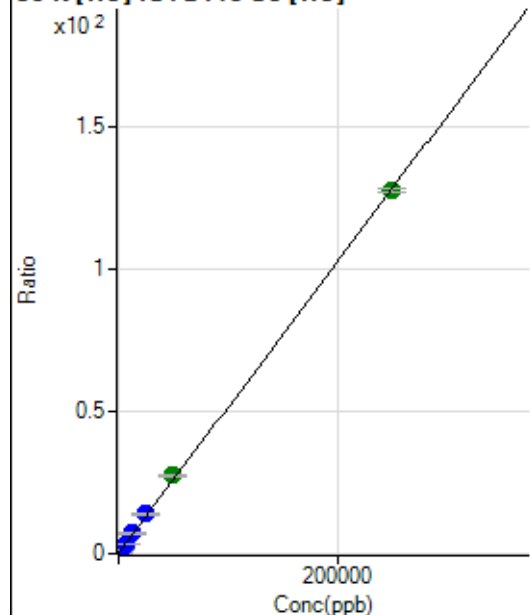
$$R = 0.9915$$

$$DL = 5538$$

$$BEC = 3.587\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17825.33	0.2292	P	0.5
2	☐	500.000	496.810	38234.76	0.4835	P	2.6
3	☐	2500.000	2657.044	128346.48	1.5889	P	2.2
4	☐	6250.000	6691.614	286630.92	3.6535	P	1.5
5	☐	12500.000	13529.796	576943.69	7.1527	P	1.3
6	☐	25000.000	26800.185	1177558.04	13.9434	P	1.7
7	☐	50000.000	53315.735	2288909.69	27.5119	A	1.1
8	☐	250000.00	249092.74	10282967.16	127.6948	A	1.0

$$y = 5.1172\text{E-}004 * x + 0.2292$$

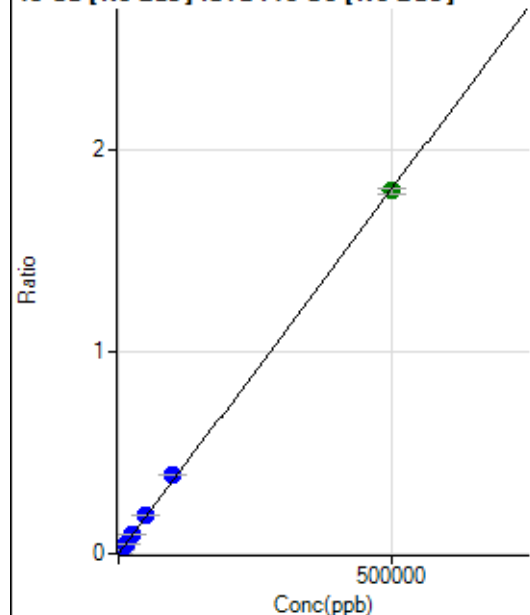
$$R = 0.9999$$

$$DL = 6.45$$

$$BEC = 448$$

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	311.12	0.0002	P	14.6
2	☐	500.000	464.426	3822.82	0.0018	P	4.4
3	☐	5000.000	5307.421	40811.46	0.0193	P	2.2
4	☐	12500.000	13378.764	99580.41	0.0483	P	1.3
5	☐	25000.000	26833.955	206392.22	0.0968	P	1.1
6	☐	50000.000	53090.543	426735.08	0.1913	P	1.2
7	☐	100000.00	108056.85	866820.90	0.3892	P	2.0
8	☐	500000.00	497962.87	3745552.91	1.7928	A	1.7

$$y = 3.5999\text{E-}006 * x + 1.5805\text{E-}004$$

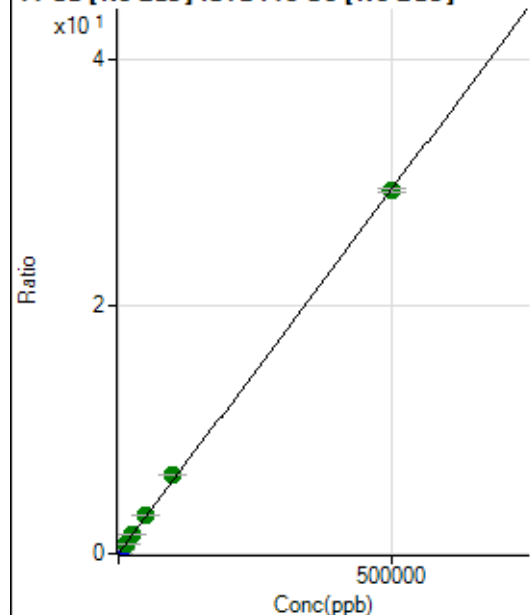
$$R = 0.9999$$

$$DL = 19.24$$

$$BEC = 43.9$$

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	32537.42	0.0166	P	7.7
2	☐	500.000	488.069	94800.74	0.0454	P	1.5
3	☐	5000.000	5426.957	712038.98	0.3361	P	0.9
4	☐	12500.000	13318.153	1649838.39	0.8005	A	1.6
5	☐	25000.000	26439.791	3355046.04	1.5729	A	1.1
6	☐	50000.000	52044.109	6870694.69	3.0799	A	1.8
7	☐	100000.00	107320.60	14109485.04	6.3335	A	0.3
8	☐	500000.00	498234.76	61302333.31	29.3424	A	1.0

$$y = 5.8859\text{E-}005 * x + 0.0166$$

$$R = 0.9999$$

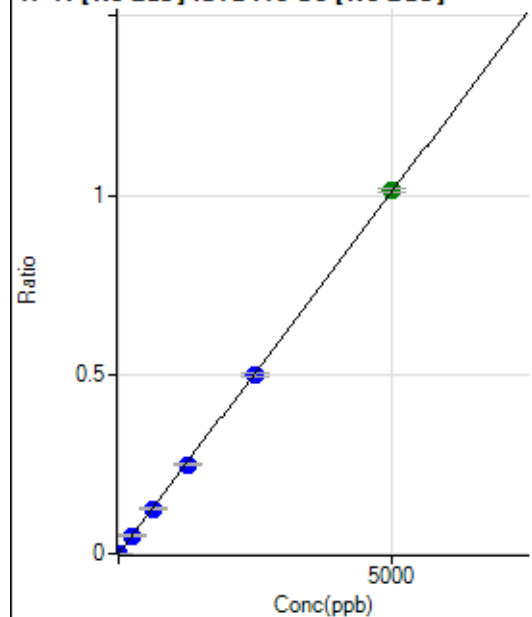
$$DL = 65.06$$

$$BEC = 282.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	725.04	0.0004	P	11.6
2	☐	10.000	4.710	2761.45	0.0013	P	4.4
3	☐	250.000	250.570	107846.26	0.0509	P	1.9
4	☐	625.000	622.509	259504.51	0.1259	P	1.0
5	☐	1250.000	1234.848	531979.43	0.2494	P	2.1
6	☐	2500.000	2471.533	1112687.70	0.4988	P	2.5
7	☐	5000.000	5018.315	2255706.82	1.0124	A	1.0
8	☐			1105.63	0.0005	P	4.7

$$y = 2.0168\text{E-}004 * x + 3.7168\text{E-}004$$

$$R = 1.0000$$

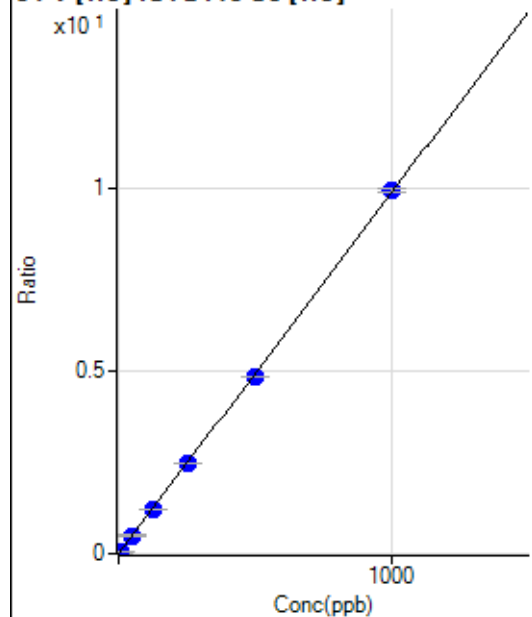
$$DL = 0.6421$$

$$BEC = 1.843$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0003	P	11.5
2	☐	5.000	4.762	3740.53	0.0473	P	0.8
3	☐	50.000	50.271	40063.85	0.4959	P	1.3
4	☐	125.000	124.546	96358.39	1.2282	P	0.6
5	☐	250.000	251.185	199775.42	2.4767	P	0.1
6	☐	500.000	489.337	407491.20	4.8245	P	0.7
7	☐	1000.000	1005.080	824400.14	9.9090	P	1.2
8	☐			258.90	0.0032	P	1.3

$$y = 0.0099 * x + 3.4268\text{E-}004$$

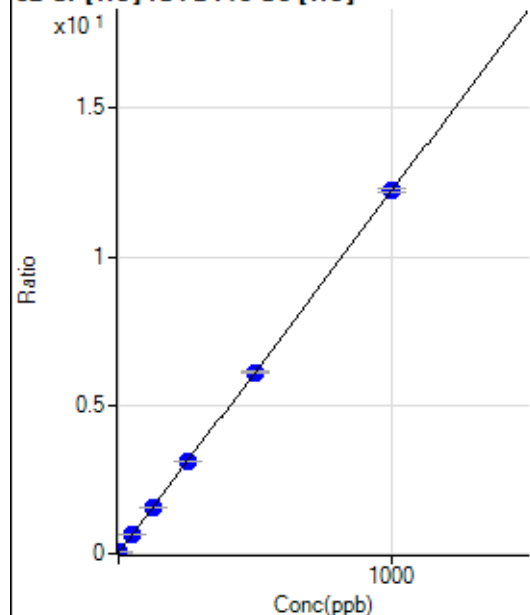
$$R = 0.9999$$

$$DL = 0.01201$$

$$BEC = 0.03476$$

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	1702.34	0.0219	P	3.5
2	☐	2.000	1.885	3549.37	0.0449	P	0.8
3	☐	50.000	50.357	51352.94	0.6357	P	1.2
4	☐	125.000	125.498	121731.92	1.5516	P	0.2
5	☐	250.000	252.381	249904.83	3.0982	P	1.4
6	☐	500.000	497.866	514394.42	6.0905	P	0.9
7	☐	1000.000	1000.392	1016347.66	12.2158	P	0.9
8	☐			18406.43	0.2286	P	0.7

$$y = 0.0122 * x + 0.0219$$

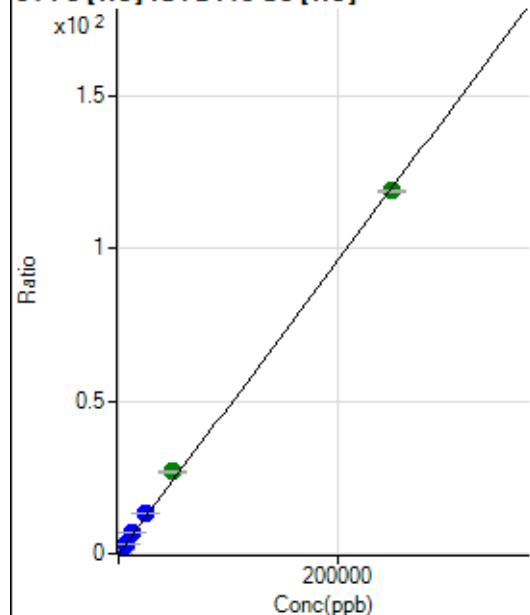
$$R = 1.0000$$

$$DL = 0.1887$$

$$BEC = 1.796$$

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	529.65	0.0068	P	15.5
2	☐	50.000	57.027	2698.45	0.0341	P	3.6
3	☐	2500.000	2789.012	108432.55	1.3423	P	1.4
4	☐	6250.000	6837.035	257375.94	3.2805	P	0.5
5	☐	12500.000	13950.548	539356.84	6.6867	P	1.0
6	☐	25000.000	27325.747	1105711.01	13.0910	P	0.4
7	☐	50000.000	56421.589	2248273.03	27.0228	A	1.9
8	☐	250000.00	248393.01	9578337.25	118.9434	A	0.5

$$y = 4.7882E-004 * x + 0.0068$$

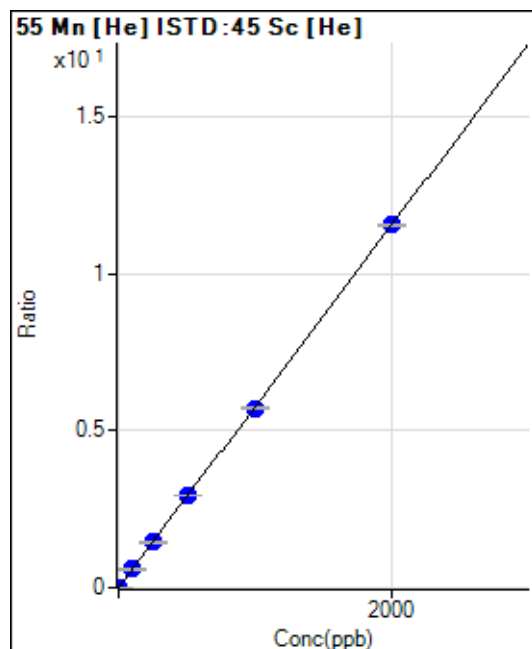
$$R = 0.9996$$

$$DL = 6.619$$

$$BEC = 14.22$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	101.11	0.0013	P	32.7
2	☐	1.000	0.895	512.24	0.0065	P	6.4
3	☐	100.000	101.040	47283.58	0.5853	P	1.5
4	☐	250.000	249.461	113230.47	1.4433	P	0.3
5	☐	500.000	507.639	236789.65	2.9356	P	0.8
6	☐	1000.000	991.799	484323.33	5.7342	P	0.7
7	☐	2000.000	2002.206	963026.99	11.5746	P	0.4
8	☐			4350.71	0.0540	P	0.3

$$y = 0.0058 * x + 0.0013$$

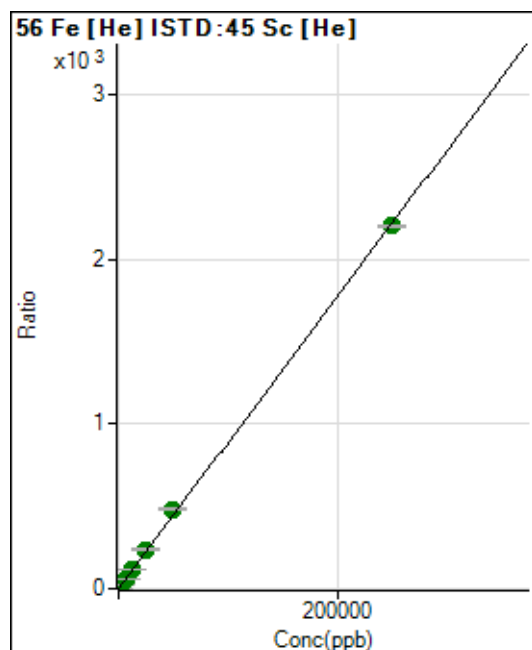
$$R = 1.0000$$

$$DL = 0.2206$$

$$BEC = 0.2245$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3341.20	0.0430	P	2.7
2	☐	50.000	53.110	40595.07	0.5133	P	1.4
3	☐	2500.000	2806.612	2011053.41	24.8959	A	1.6
4	☐	6250.000	6821.669	4742585.47	60.4497	A	1.1
5	☐	12500.000	13737.163	9815528.00	121.6872	A	1.0
6	☐	25000.000	26956.022	20162434.71	238.7419	A	1.8
7	☐	50000.000	54711.153	40310470.81	484.5170	A	1.4
8	☐	250000.00	248782.95	177404768.7	2,203.046	A	0.8

$$y = 0.0089 * x + 0.0430$$

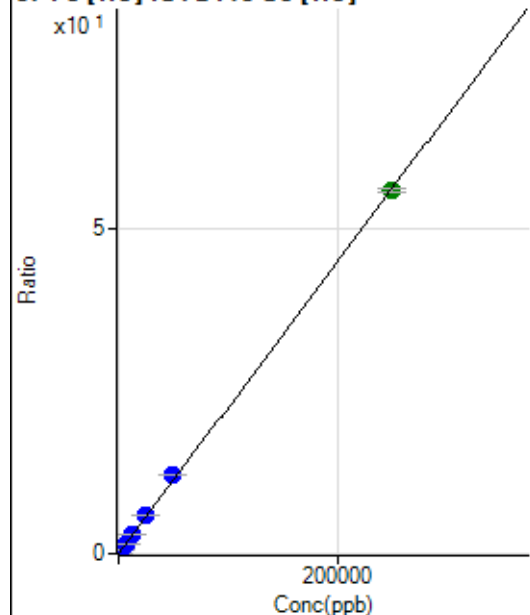
$$R = 0.9998$$

$$DL = 0.3899$$

$$BEC = 4.852$$

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	118.52	0.0015	P	26.5
2	☐	50.000	50.349	1013.02	0.0128	P	15.7
3	☐	2500.000	2687.107	48837.34	0.6045	P	0.2
4	☐	6250.000	6632.098	116884.55	1.4898	P	0.6
5	☐	12500.000	13351.538	241805.44	2.9977	P	0.2
6	☐	25000.000	26741.804	506976.32	6.0027	P	1.0
7	☐	50000.000	53906.526	1006563.85	12.0987	P	1.2
8	☐	250000.00	248990.51	4499608.55	55.8775	A	1.0

$$y = 2.2441\text{E-}004 * x + 0.0015$$

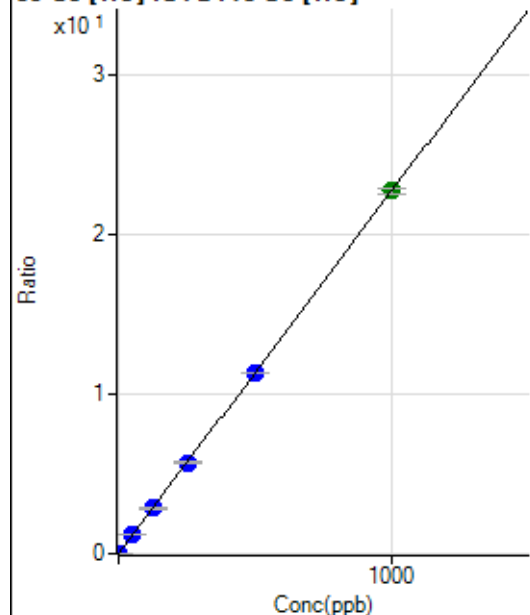
$$R = 0.9999$$

$$DL = 5.393$$

$$BEC = 6.791$$

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	54.44	0.0007	P	22.3
2	☐	1.000	0.946	1755.68	0.0222	P	1.8
3	☐	50.000	50.904	93494.39	1.1574	P	1.5
4	☐	125.000	124.828	222593.13	2.8372	P	0.5
5	☐	250.000	251.462	460954.14	5.7147	P	1.5
6	☐	500.000	497.777	955426.94	11.3118	P	0.5
7	☐	1000.000	1000.722	1891831.40	22.7404	A	1.9
8	☐			2849.21	0.0354	P	2.2

$$y = 0.0227 * x + 6.9914\text{E-}004$$

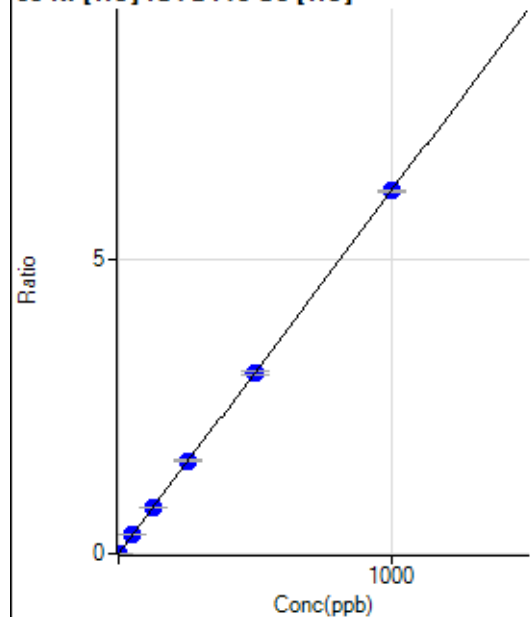
$$R = 1.0000$$

$$DL = 0.02061$$

$$BEC = 0.03077$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0009	P	31.0
2	☐	1.000	1.063	587.80	0.0074	P	11.6
3	☐	50.000	51.300	25636.57	0.3174	P	0.5
4	☐	125.000	125.746	60929.72	0.7766	P	0.5
5	☐	250.000	255.220	127069.52	1.5754	P	1.4
6	☐	500.000	497.916	259481.83	3.0726	P	2.0
7	☐	1000.000	999.579	513133.36	6.1674	P	0.4
8	☐			5816.81	0.0722	P	1.8

$$y = 0.0062 * x + 8.7306E-004$$

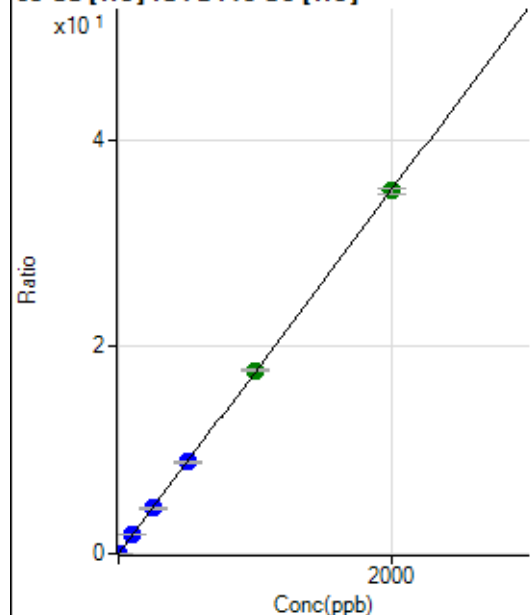
$$R = 1.0000$$

$$DL = 0.1315$$

$$BEC = 0.1415$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	187.78	0.0024	P	7.7
2	☐	2.000	1.866	2782.53	0.0352	P	2.1
3	☐	100.000	102.701	145909.08	1.8062	P	0.8
4	☐	250.000	249.911	344551.95	4.3917	P	1.4
5	☐	500.000	503.711	713806.74	8.8493	P	1.3
6	☐	1000.000	1006.814	1493898.69	17.6855	A	0.9
7	☐	2000.000	1995.541	2916210.93	35.0510	A	1.7
8	☐			7097.40	0.0881	P	2.3

$$y = 0.0176 * x + 0.0024$$

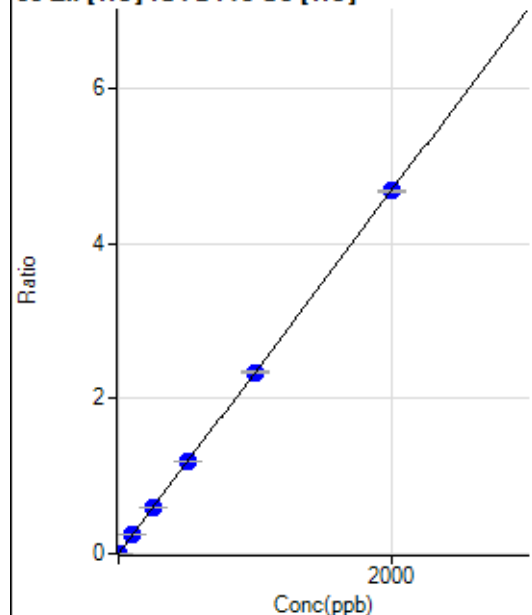
$$R = 1.0000$$

$$DL = 0.03169$$

$$BEC = 0.1375$$

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	66.67	0.0009	P	4.7
2	☐	5.000	2.114	460.01	0.0058	P	11.3
3	☐	100.000	102.613	19495.74	0.2414	P	2.0
4	☐	250.000	251.064	46231.73	0.5893	P	0.9
5	☐	500.000	508.124	96128.91	1.1918	P	0.8
6	☐	1000.000	998.624	197737.45	2.3413	P	1.5
7	☐	2000.000	1998.400	389754.52	4.6845	P	0.7
8	☐			6035.78	0.0749	P	0.9

$$y = 0.0023 * x + 8.5732E-004$$

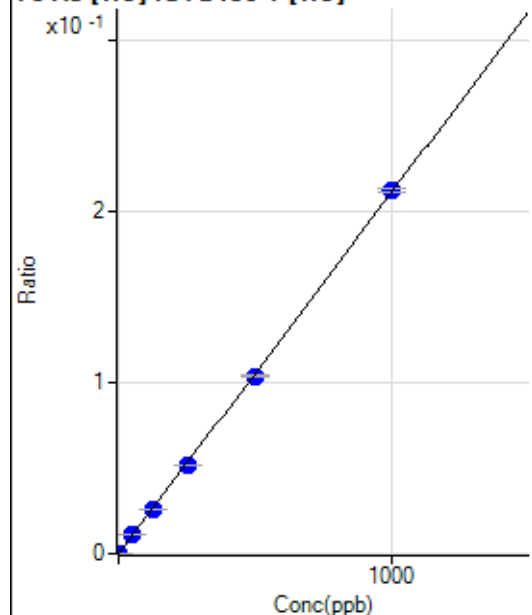
$$R = 1.0000$$

$$DL = 0.05168$$

$$BEC = 0.3658$$

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	5.33	0.0000	P	28.3
2	☐	1.000	0.910	134.01	0.0002	P	4.5
3	☐	50.000	51.052	7243.26	0.0108	P	0.7
4	☐	125.000	122.807	17293.63	0.0259	P	1.6
5	☐	250.000	246.443	35876.53	0.0519	P	0.1
6	☐	500.000	492.410	74548.09	0.1037	P	1.3
7	☐	1000.000	1004.906	148788.20	0.2117	P	1.0
8	☐			56.01	0.0001	P	6.2

$$y = 2.1066E-004 * x + 8.0204E-006$$

$$R = 0.9999$$

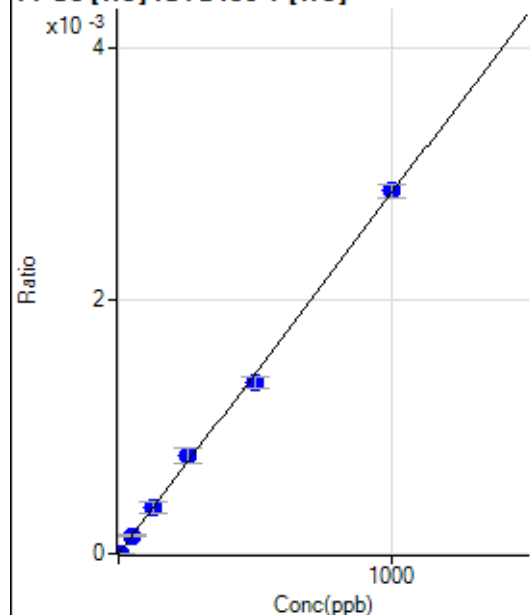
$$DL = 0.03238$$

$$BEC = 0.03807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	1.156	3.33	0.0000	P	0.9
3	☐	50.000	48.078	93.33	0.0001	P	8.4
4	☐	125.000	128.078	244.45	0.0004	P	22.7
5	☐	250.000	272.092	536.68	0.0008	P	15.4
6	☐	500.000	475.451	974.49	0.0014	P	6.2
7	☐	1000.000	1006.482	2015.72	0.0029	P	3.6
8	☐			4.44	0.0000	P	114.

$$y = 2.8481\text{E-}006 * x + 1.6729\text{E-}006$$

$$R = 0.9993$$

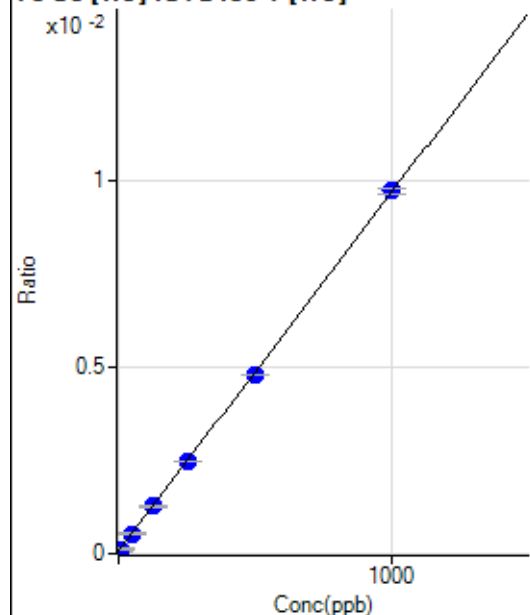
$$DL = 3.052$$

$$BEC = 0.5874$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.34	0.0001	P	24.4
2	☐	5.000	6.247	86.01	0.0001	P	18.9
3	☐	50.000	48.357	359.37	0.0005	P	3.3
4	☐	125.000	126.666	860.78	0.0013	P	4.4
5	☐	250.000	248.820	1703.28	0.0025	P	0.2
6	☐	500.000	491.347	3450.78	0.0048	P	0.6
7	☐	1000.000	1004.489	6848.69	0.0097	P	1.5
8	☐			54.34	0.0001	P	6.4

$$y = 9.6331\text{E-}006 * x + 6.8227\text{E-}005$$

$$R = 0.9999$$

$$DL = 5.195$$

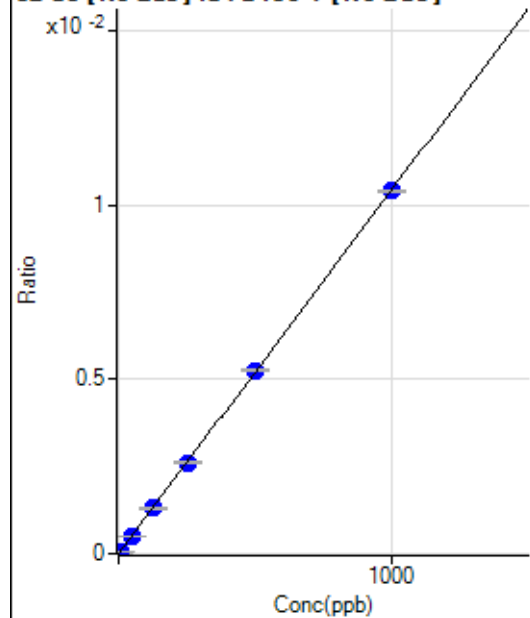
$$BEC = 7.083$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3003.41		P	3.3
2	☐			3016.78		P	3.7
3	☐			2849.91		P	1.1
4	☐			2676.36		P	1.3
5	☐			2796.50		P	12.7
6	☐			2983.39		P	0.7
7	☐			3000.08		P	10.0
8	☐			3076.86		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.85	0.0000	P	387.
2	☐	5.000	4.637	263.18	0.0001	P	21.5
3	☐	50.000	49.316	2716.81	0.0005	P	1.4
4	☐	125.000	124.164	6681.37	0.0013	P	1.7
5	☐	250.000	250.007	13997.42	0.0026	P	1.5
6	☐	500.000	504.045	29505.61	0.0053	P	1.1
7	☐	1000.000	998.116	59009.08	0.0104	P	0.5
8	☐			45.76	0.0000	P	98.9

$$y = 1.0416E-005 * x + 2.4430E-006$$

$$R = 1.0000$$

$$DL = 2.728$$

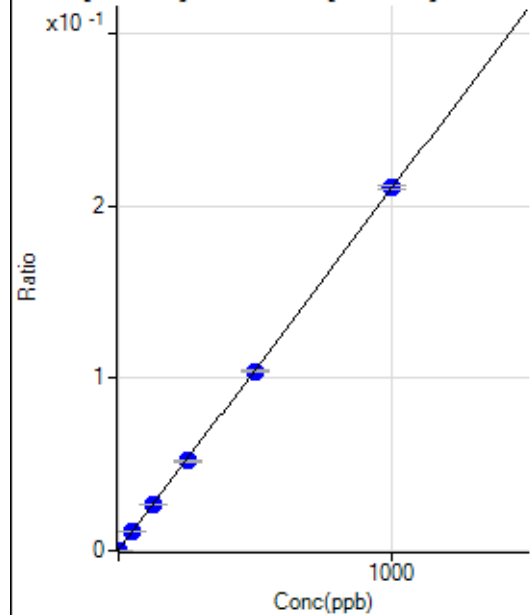
$$BEC = 0.2345$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			817.81		P	4.1
2	☐			827.81		P	5.8
3	☐			851.14		P	5.9
4	☐			847.82		P	4.9
5	☐			803.37		P	11.3
6	☐			813.37		P	7.5
7	☐			833.37		P	4.9
8	☐			815.59		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1247.32	0.0003	P	18.6
2	☐	1.000	0.860	2239.14	0.0004	P	9.5
3	☐	50.000	50.230	56707.32	0.0108	P	1.6
4	☐	125.000	126.269	137698.69	0.0267	P	1.1
5	☐	250.000	247.485	279802.39	0.0521	P	1.5
6	☐	500.000	495.247	584282.39	0.1040	P	1.0
7	☐	1000.000	1002.835	1193700.41	0.2104	P	1.0
8	☐			3561.65	0.0007	P	4.9

$$y = 2.0952E-004 * x + 2.5057E-004$$

$$R = 1.0000$$

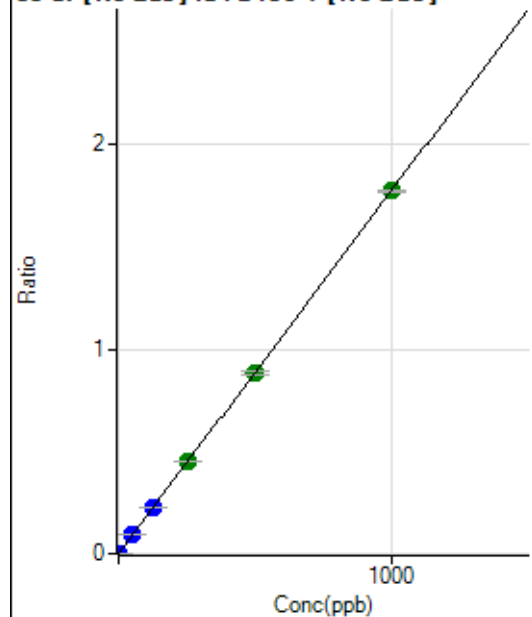
$$DL = 0.6665$$

$$BEC = 1.196$$

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	94.45	0.0000	P	30.0
2	☐	1.000	0.947	8833.58	0.0017	P	1.0
3	☐	50.000	52.022	486299.26	0.0924	P	0.5
4	☐	125.000	127.568	1168092.10	0.2265	P	0.6
5	☐	250.000	254.197	2424163.53	0.4514	A	0.7
6	☐	500.000	498.092	4968526.32	0.8845	A	1.4
7	☐	1000.000	999.482	10071717.41	1.7748	A	0.3
8	☐			19583.66	0.0037	P	2.7

$$y = 0.0018 * x + 1.8619E-005$$

$$R = 1.0000$$

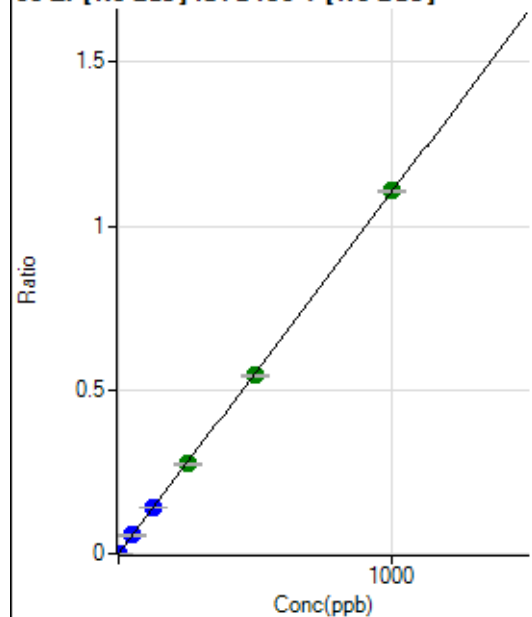
$$DL = 0.009422$$

$$BEC = 0.01048$$

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	241.68	0.0000	P	9.1
2	☐	1.000	0.818	4934.34	0.0010	P	2.3
3	☐	50.000	50.790	295155.48	0.0561	P	2.1
4	☐	125.000	126.560	720147.49	0.1397	P	1.6
5	☐	250.000	248.422	1471998.16	0.2741	A	2.3
6	☐	500.000	492.780	3054229.76	0.5437	A	0.6
7	☐	1000.000	1003.770	6284263.55	1.1075	A	0.4
8	☐			1805.72	0.0003	P	10.5

$$y = 0.0011 * x + 4.8104E-005$$

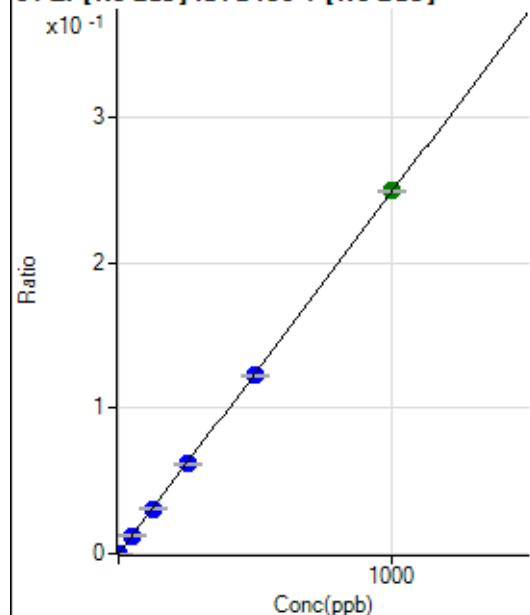
$$R = 1.0000$$

$$DL = 0.01193$$

$$BEC = 0.0436$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	15.7
2	☐	1.000	0.813	1111.19	0.0002	P	8.7
3	☐	50.000	50.128	65518.51	0.0124	P	2.1
4	☐	125.000	124.656	159522.02	0.0309	P	1.5
5	☐	250.000	248.725	331451.20	0.0617	P	1.3
6	☐	500.000	492.371	686248.71	0.1222	P	1.6
7	☐	1000.000	1004.170	1413810.82	0.2492	A	0.6
8	☐			375.01	0.0001	P	2.6

$$y = 2.4811\text{E-}004 * x + 1.2308\text{E-}005$$

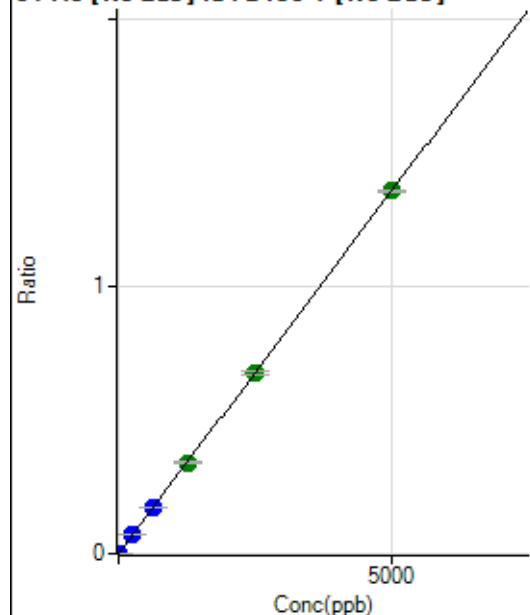
$$R = 1.0000$$

$$DL = 0.02338$$

$$BEC = 0.04961$$

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	108.34	0.0000	P	22.2
2	☐	10.000	4.752	6812.97	0.0013	P	6.4
3	☐	250.000	256.115	366205.71	0.0696	P	1.1
4	☐	625.000	641.175	897945.52	0.1742	P	1.2
5	☐	1250.000	1257.444	1834002.66	0.3415	A	2.1
6	☐	2500.000	2485.871	3792264.06	0.6752	A	2.4
7	☐	5000.000	5002.886	7710156.77	1.3588	A	0.7
8	☐			3781.16	0.0007	P	4.9

$$y = 2.7159\text{E-}004 * x + 2.1448\text{E-}005$$

$$R = 1.0000$$

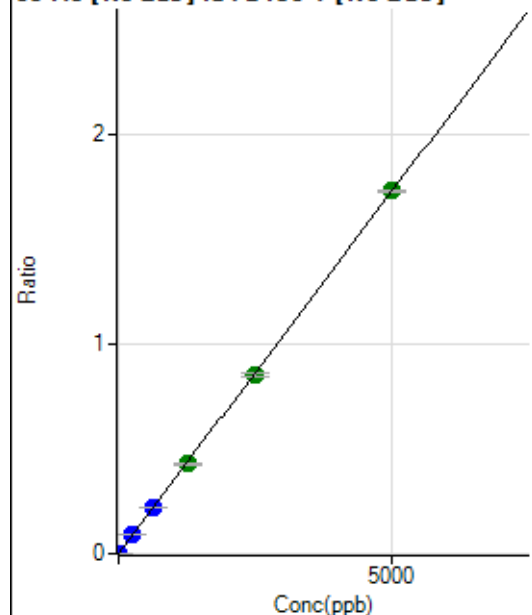
$$DL = 0.05251$$

$$BEC = 0.07897$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	62.4
2	☐	10.000	4.858	8752.97	0.0017	P	3.5
3	☐	250.000	255.227	463968.63	0.0881	P	0.5
4	☐	625.000	633.146	1127432.25	0.2187	P	0.9
5	☐	1250.000	1242.579	2304508.15	0.4291	A	1.2
6	☐	2500.000	2473.593	4798170.33	0.8543	A	2.4
7	☐	5000.000	5013.790	9825531.21	1.7315	A	0.5
8	☐			5623.52	0.0011	P	4.6

$$y = 3.4535\text{E-}004 * x + 7.6225\text{E-}006$$

$$R = 1.0000$$

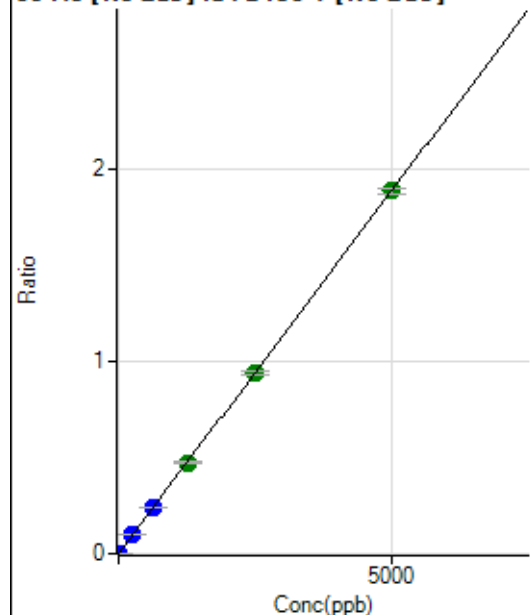
$$DL = 0.0413$$

$$BEC = 0.02207$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	51.7
2	☐	10.000	4.877	9653.62	0.0019	P	3.2
3	☐	250.000	258.631	512877.37	0.0974	P	0.9
4	☐	625.000	639.392	1241893.52	0.2409	P	0.3
5	☐	1250.000	1256.844	2542474.73	0.4734	A	1.3
6	☐	2500.000	2488.669	5265424.03	0.9374	A	2.5
7	☐	5000.000	5001.735	10690444.94	1.8840	A	1.4
8	☐			7318.83	0.0014	P	2.1

$$y = 3.7667\text{E-}004 * x + 2.1632\text{E-}005$$

$$R = 1.0000$$

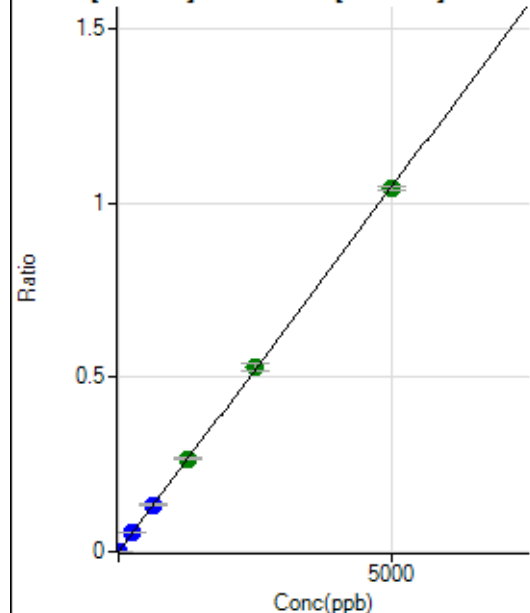
$$DL = 0.08913$$

$$BEC = 0.05743$$

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	19.45	0.0000	P	20.6
2	☐	10.000	5.009	5456.77	0.0011	P	4.7
3	☐	250.000	260.258	286364.40	0.0544	P	2.0
4	☐	625.000	645.314	695581.19	0.1349	P	0.6
5	☐	1250.000	1273.598	1429777.43	0.2663	A	1.0
6	☐	2500.000	2531.648	2972654.28	0.5292	A	3.2
7	☐	5000.000	4975.234	5901682.12	1.0401	A	1.2
8	☐			3531.09	0.0007	P	3.7

$$y = 2.0905\text{E-}004 * x + 3.8728\text{E-}006$$

$$R = 1.0000$$

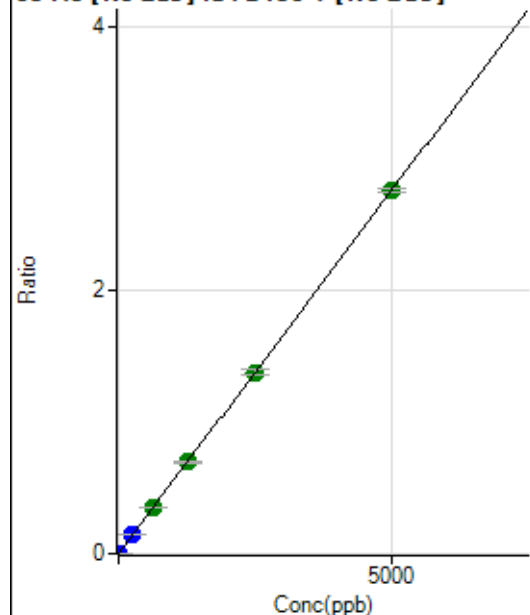
$$DL = 0.01144$$

$$BEC = 0.01853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	59.8
2	☐	10.000	4.977	14268.77	0.0027	P	2.0
3	☐	250.000	257.395	746493.77	0.1418	P	0.8
4	☐	625.000	637.218	1810383.50	0.3511	A	0.9
5	☐	1250.000	1259.409	3726693.87	0.6940	A	0.9
6	☐	2500.000	2497.660	7729750.95	1.3763	A	3.5
7	☐	5000.000	4996.931	15624170.14	2.7534	A	0.9
8	☐			9300.59	0.0018	P	6.9

$$y = 5.5102\text{E-}004 * x + 5.0755\text{E-}006$$

$$R = 1.0000$$

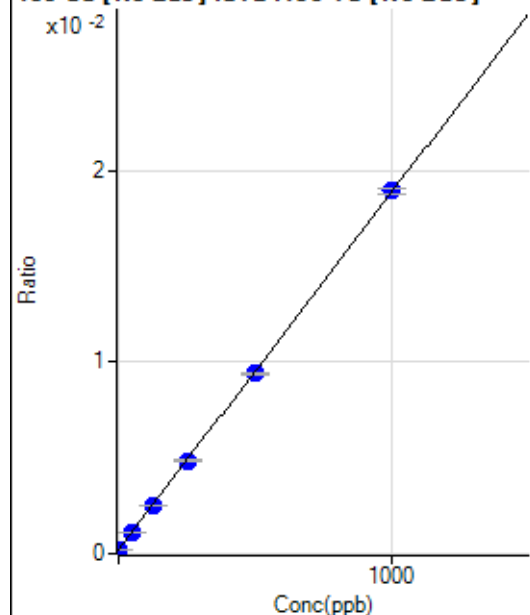
$$DL = 0.01653$$

$$BEC = 0.009211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	980.62	0.0002	P	4.9
2	☐	1.000	-0.505	972.28	0.0002	P	10.7
3	☐	50.000	49.267	5523.46	0.0011	P	1.2
4	☐	125.000	122.506	12044.45	0.0025	P	1.6
5	☐	250.000	249.264	24196.73	0.0049	P	3.0
6	☐	500.000	492.274	49386.33	0.0094	P	0.6
7	☐	1000.000	1004.397	98394.43	0.0189	P	1.3
8	☐			1158.41	0.0002	P	1.7

$$y = 1.8636E-005 * x + 2.1032E-004$$

$$R = 1.0000$$

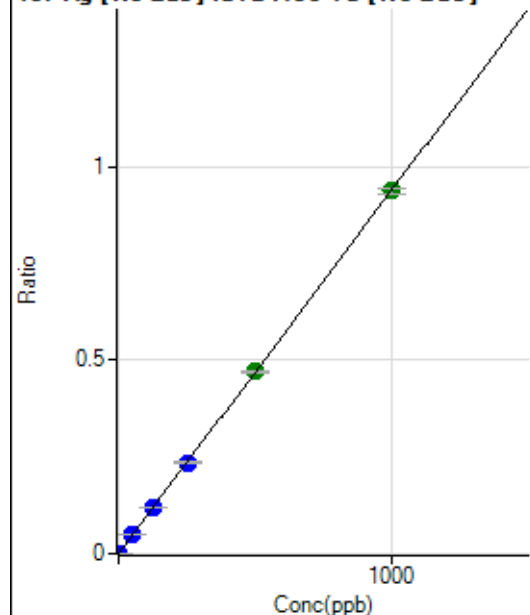
$$DL = 1.662$$

$$BEC = 11.29$$

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	27.78	0.0000	P	77.8
2	☐	1.000	0.893	4086.82	0.0008	P	0.9
3	☐	50.000	51.867	238334.41	0.0487	P	0.9
4	☐	125.000	126.400	573180.73	0.1187	P	0.7
5	☐	250.000	251.066	1174460.17	0.2357	P	1.5
6	☐	500.000	501.028	2475083.00	0.4703	A	0.7
7	☐	1000.000	998.951	4874151.06	0.9377	A	1.8
8	☐			1272.32	0.0003	P	3.2

$$y = 9.3865E-004 * x + 6.2253E-006$$

$$R = 1.0000$$

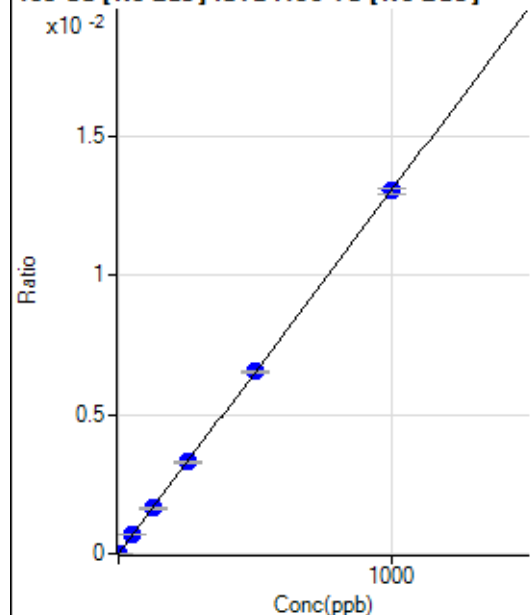
$$DL = 0.01548$$

$$BEC = 0.006632$$

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	6.95	0.0000	P	64.2
2	☐	1.000	0.812	58.33	0.0000	P	25.9
3	☐	50.000	52.790	3378.23	0.0007	P	1.5
4	☐	125.000	125.129	7894.03	0.0016	P	2.8
5	☐	250.000	251.694	16372.35	0.0033	P	1.6
6	☐	500.000	501.555	34450.03	0.0065	P	0.6
7	☐	1000.000	998.643	67735.97	0.0130	P	1.8
8	☐			33.33	0.0000	P	21.4

$$y = 1.3047\text{E-}005 * x + 1.4678\text{E-}006$$

$$R = 1.0000$$

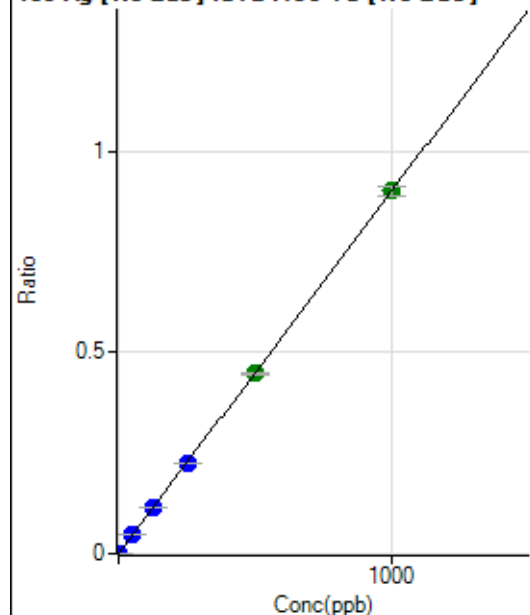
$$DL = 0.2168$$

$$BEC = 0.1125$$

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	22.22	0.0000	P	39.6
2	☐	1.000	0.926	4056.26	0.0008	P	5.2
3	☐	50.000	51.282	225912.60	0.0462	P	1.7
4	☐	125.000	126.103	548282.76	0.1135	P	0.8
5	☐	250.000	250.835	1125062.47	0.2258	P	0.4
6	☐	500.000	496.371	2351081.85	0.4467	A	0.9
7	☐	1000.000	1001.404	4685059.09	0.9012	A	2.4
8	☐			1125.08	0.0002	P	12.1

$$y = 8.9998\text{E-}004 * x + 4.7490\text{E-}006$$

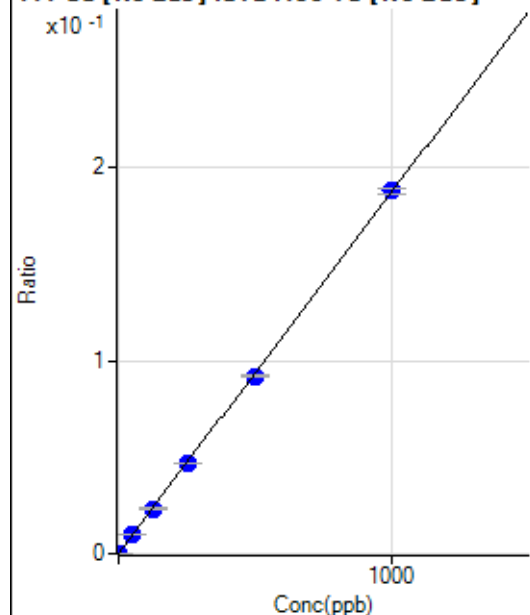
$$R = 1.0000$$

$$DL = 0.006274$$

$$BEC = 0.005277$$

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	685.74	0.0001	P	4.5
2	☐	1.000	0.879	1507.86	0.0003	P	1.9
3	☐	50.000	50.693	47152.13	0.0096	P	0.5
4	☐	125.000	124.255	113038.22	0.0234	P	0.9
5	☐	250.000	249.834	233730.01	0.0469	P	0.5
6	☐	500.000	491.499	484811.88	0.0921	P	0.9
7	☐	1000.000	1004.351	977775.63	0.1881	P	1.6
8	☐			1038.95	0.0002	P	2.5

$$y = 1.8714\text{E-}004 * x + 1.4714\text{E-}004$$

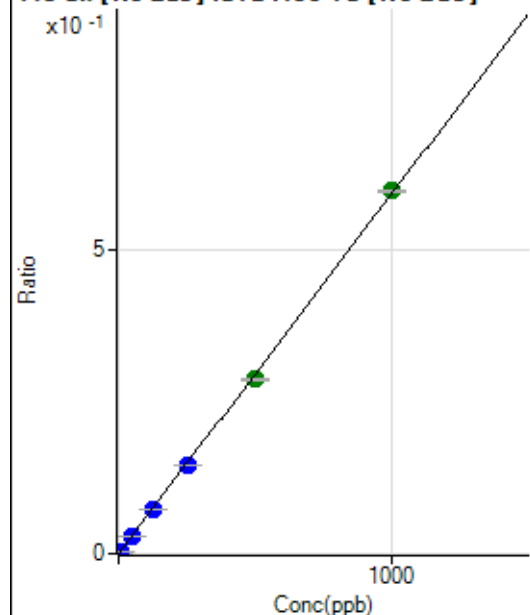
$$R = 0.9999$$

$$DL = 0.105$$

$$BEC = 0.7863$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	222.23	0.0000	P	28.0
2	☐	5.000	4.733	13818.39	0.0029	P	0.8
3	☐	50.000	49.856	144988.79	0.0296	P	1.3
4	☐	125.000	123.221	353324.83	0.0731	P	0.2
5	☐	250.000	246.367	728536.22	0.1462	P	0.6
6	☐	500.000	484.735	1513321.28	0.2876	A	1.6
7	☐	1000.000	1008.772	3111044.75	0.5984	A	0.7
8	☐			1955.75	0.0004	P	12.0

$$y = 5.9317\text{E-}004 * x + 4.8416\text{E-}005$$

$$R = 0.9998$$

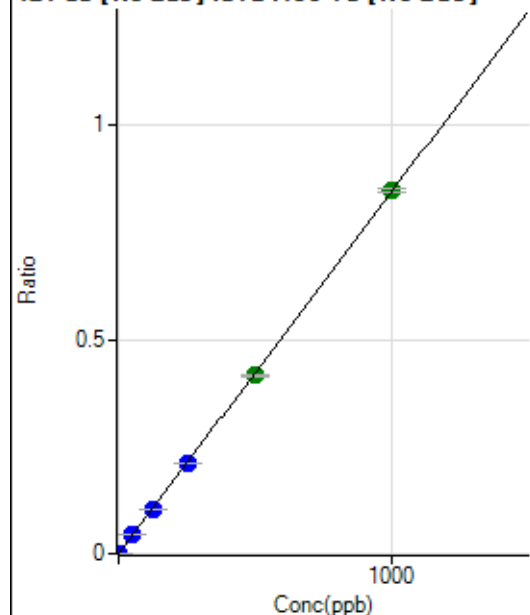
$$DL = 0.06861$$

$$BEC = 0.08162$$

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	22.22	0.0000	P	62.8
2	☐	2.000	1.804	7396.65	0.0015	P	2.7
3	☐	50.000	51.111	211397.25	0.0432	P	1.3
4	☐	125.000	124.213	507012.73	0.1050	P	0.7
5	☐	250.000	249.686	1051376.44	0.2110	P	0.2
6	☐	500.000	493.658	2195046.58	0.4171	A	0.9
7	☐	1000.000	1003.293	4406767.03	0.8477	A	1.0
8	☐			2580.88	0.0005	P	11.2

$$y = 8.4490\text{E-}004 * x + 4.9038\text{E-}006$$

$$R = 1.0000$$

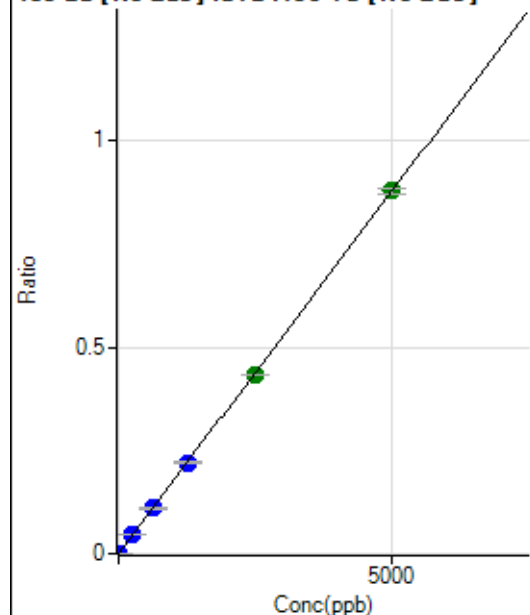
$$DL = 0.01094$$

$$BEC = 0.005804$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	109.
2	☐	10.000	9.472	8052.64	0.0017	P	4.2
3	☐	250.000	254.127	218239.25	0.0446	P	0.6
4	☐	625.000	624.751	529530.45	0.1096	P	0.3
5	☐	1250.000	1260.428	1102085.45	0.2211	P	0.8
6	☐	2500.000	2472.769	2283326.24	0.4338	A	0.8
7	☐	5000.000	5010.834	4569969.81	0.8792	A	1.9
8	☐			8099.88	0.0017	P	1.9

$$y = 1.7545\text{E-}004 * x + 2.3592\text{E-}006$$

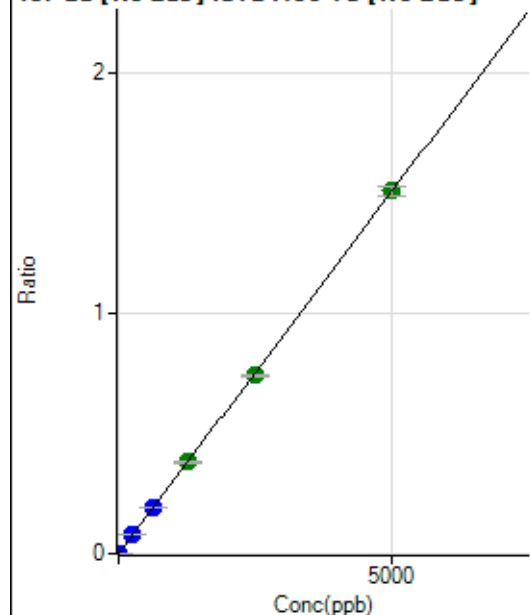
$$R = 1.0000$$

$$DL = 0.04406$$

$$BEC = 0.01345$$

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	41.67	0.0000	P	13.4
2	☐	10.000	9.938	14502.55	0.0030	P	0.5
3	☐	250.000	256.751	377910.33	0.0772	P	1.1
4	☐	625.000	631.475	917300.31	0.1899	P	0.7
5	☐	1250.000	1265.544	1896480.16	0.3805	A	0.5
6	☐	2500.000	2459.289	3891537.50	0.7395	A	1.7
7	☐	5000.000	5015.323	7838769.19	1.5081	A	2.3
8	☐			13824.02	0.0029	P	1.6

$$y = 3.0069E-004 * x + 8.9075E-006$$

$$R = 0.9999$$

$$DL = 0.01192$$

$$BEC = 0.02962$$

Weight: <None>

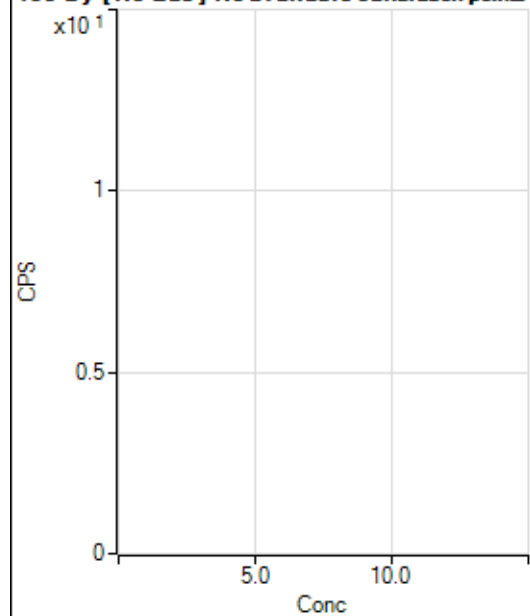
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			15.56		P	65.5
4	☐			4.45		P	86.6
5	☐			37.78		P	10.2
6	☐			82.22		P	20.4
7	☐			166.67		P	25.0
8	☐			48.89		P	7.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			10.00		P	66.7
7	☐			13.33		P	25.0
8	☐			8.89		P	21.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			11.11		P	114.
3	☐			11.11		P	43.3
4	☐			8.33		P	100.
5	☐			22.22		P	78.1
6	☐			30.56		P	103.
7	☐			91.67		P	24.1
8	☐			211.12		P	9.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.66		P	86.6
3	☐			1.11		P	173.
4	☐			6.67		P	100.
5	☐			7.78		P	24.7
6	☐			25.55		P	15.1
7	☐			21.11		P	18.2
8	☐			122.22		P	29.2

160 Gd [No Gas] Noavailable calibration poin_

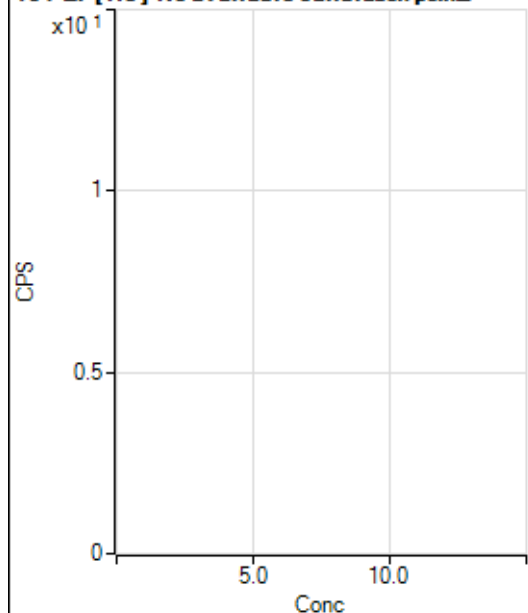
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐			44.45		P	39.0
3	☐			27.78		P	34.6
4	☐			27.78		P	62.5
5	☐			38.89		P	32.7
6	☐			58.33		P	14.3
7	☐			94.45		P	10.2
8	☐			308.34		P	14.3

160 Gd [He] No available calibration points

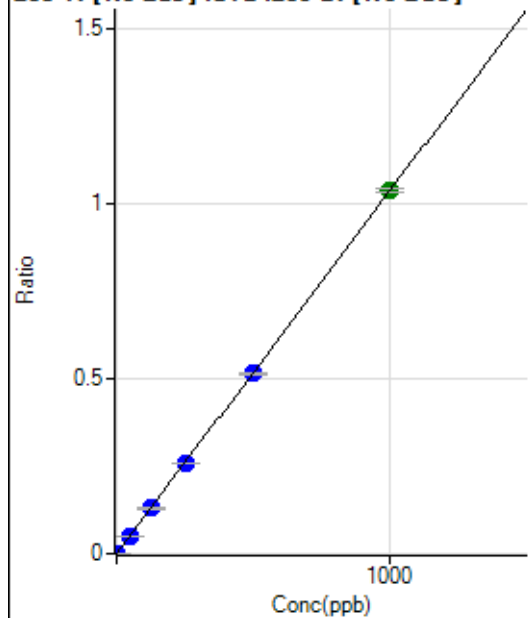
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐			7.78		P	65.5
3	☐			15.56		P	32.7
4	☐			20.00		P	28.9
5	☐			16.66		P	34.6
6	☐			25.55		P	15.1
7	☐			41.11		P	32.8
8	☐			135.56		P	15.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			19.45		P	24.7
3	☐			22.22		P	21.6
4	☐			27.78		P	75.5
5	☐			25.00		P	0.0
6	☐			55.55		P	8.7
7	☐			27.78		P	75.5
8	☐			44.45		P	39.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			7.78		P	65.5
3	☐			10.00		P	33.3
4	☐			14.45		P	74.2
5	☐			15.56		P	65.5
6	☐			21.11		P	18.2
7	☐			20.00		P	28.9
8	☐			28.89		P	17.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	75.3
2	☐	1.000	0.865	2530.87	0.0009	P	4.3
3	☐	50.000	49.756	146548.51	0.0515	P	1.5
4	☐	125.000	125.557	356438.17	0.1299	P	2.5
5	☐	250.000	248.479	740619.22	0.2570	P	1.3
6	☐	500.000	498.116	1532291.81	0.5151	P	0.9
7	☐	1000.000	1001.265	3073609.09	1.0354	A	1.1
8	☐			1508.47	0.0006	P	12.3

$$y = 0.0010 * x + 1.8889E-005$$

$$R = 1.0000$$

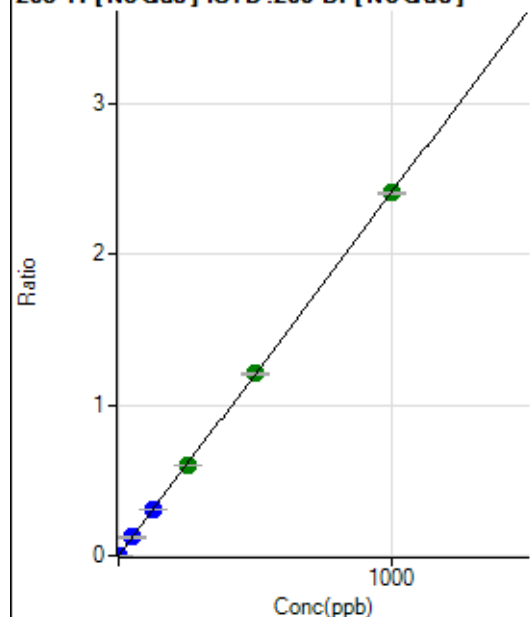
$$DL = 0.04128$$

$$BEC = 0.01827$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	18.2
2	☐	1.000	0.927	6290.60	0.0023	P	4.0
3	☐	50.000	50.469	345816.92	0.1215	P	1.3
4	☐	125.000	127.252	840529.08	0.3062	P	0.9
5	☐	250.000	250.082	1734254.81	0.6017	A	0.9
6	☐	500.000	500.746	3584325.60	1.2048	A	0.9
7	☐	1000.000	999.302	7137079.24	2.4043	A	0.8
8	☐			3822.91	0.0015	P	16.7

$$y = 0.0024 * x + 3.8668E-005$$

$$R = 1.0000$$

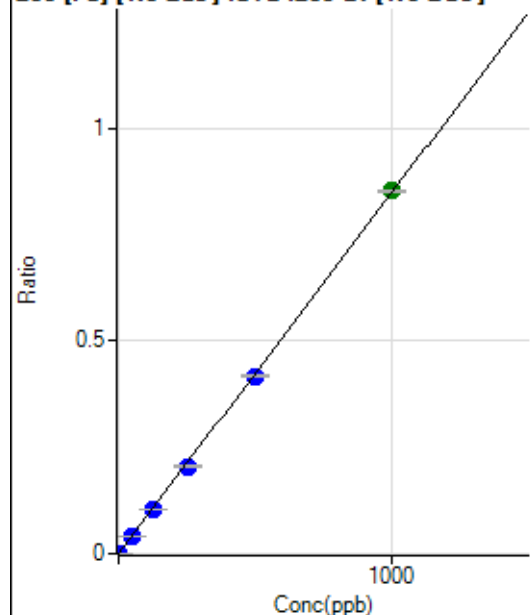
$$DL = 0.00876$$

$$BEC = 0.01607$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.34	0.0001	P	35.2
2	☐	1.000	0.895	2346.55	0.0008	P	4.2
3	☐	50.000	49.274	119254.13	0.0419	P	0.3
4	☐	125.000	123.144	286973.36	0.1045	P	1.3
5	☐	250.000	242.496	593108.93	0.2058	P	0.9
6	☐	500.000	492.173	1242179.09	0.4176	P	0.6
7	☐	1000.000	1006.058	2533565.19	0.8535	A	0.9
8	☐			10710.14	0.0041	P	3.4

$$y = 8.4826E-004 * x + 8.7486E-005$$

$$R = 0.9999$$

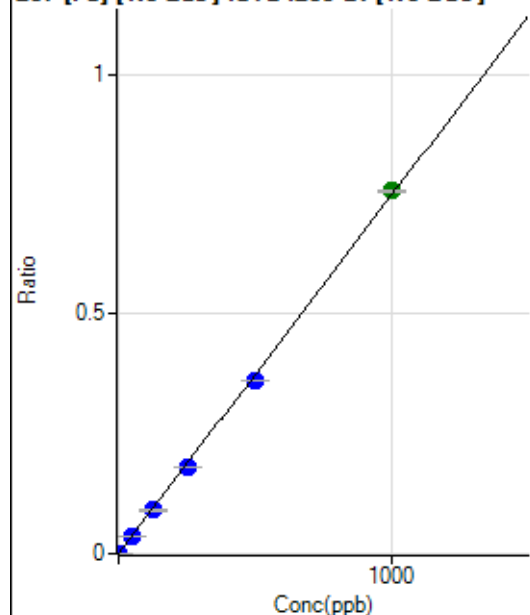
$$DL = 0.1089$$

$$BEC = 0.1031$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	231.49	0.0001	P	4.8
2	☐	1.000	0.874	2048.34	0.0007	P	5.4
3	☐	50.000	48.689	103936.03	0.0365	P	0.5
4	☐	125.000	121.338	249372.11	0.0908	P	1.3
5	☐	250.000	239.482	516551.35	0.1792	P	0.6
6	☐	500.000	482.237	1073352.17	0.3608	P	0.9
7	☐	1000.000	1012.035	2247399.99	0.7571	A	0.8
8	☐			9464.72	0.0037	P	5.3

$$y = 7.4800\text{E-}004 * x + 8.5548\text{E-}005$$

$$R = 0.9997$$

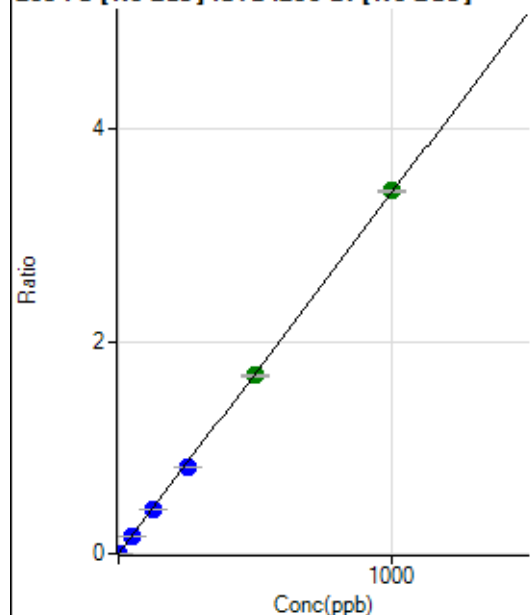
$$DL = 0.01654$$

$$BEC = 0.1144$$

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	1122.26	0.0004	P	12.4
2	☐	1.000	0.892	9560.85	0.0034	P	6.5
3	☐	50.000	48.794	473588.32	0.1663	P	0.5
4	☐	125.000	122.357	1143203.81	0.4165	P	1.6
5	☐	250.000	241.098	2364125.19	0.8203	P	0.8
6	☐	500.000	493.401	4992505.14	1.6782	A	1.1
7	☐	1000.000	1005.916	10155172.07	3.4210	A	0.4
8	☐			42824.52	0.0165	P	1.9

$$y = 0.0034 * x + 4.1507\text{E-}004$$

$$R = 0.9999$$

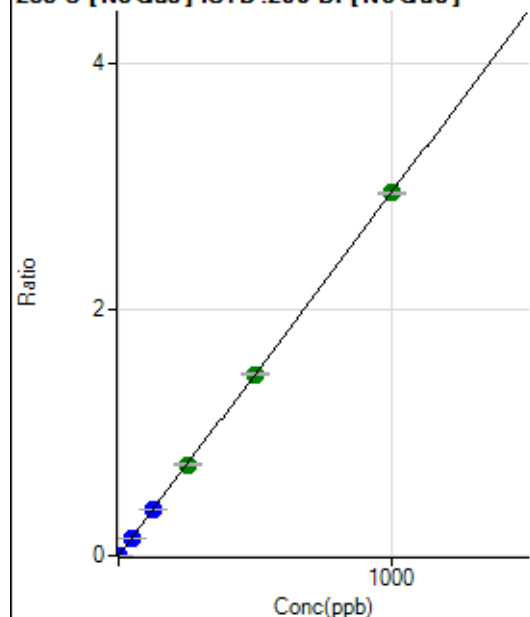
$$DL = 0.04556$$

$$BEC = 0.1221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	20.4
2	☐	1.000	0.921	7549.66	0.0027	P	0.6
3	☐	50.000	49.956	419019.10	0.1472	P	0.6
4	☐	125.000	125.918	1018244.89	0.3709	P	1.1
5	☐	250.000	251.575	2136021.66	0.7411	A	0.7
6	☐	500.000	500.347	4384368.59	1.4739	A	0.6
7	☐	1000.000	999.320	8738737.00	2.9438	A	0.4
8	☐			1052.85	0.0004	P	18.4

$$y = 0.0029 * x + 1.1352E-005$$

$$R = 1.0000$$

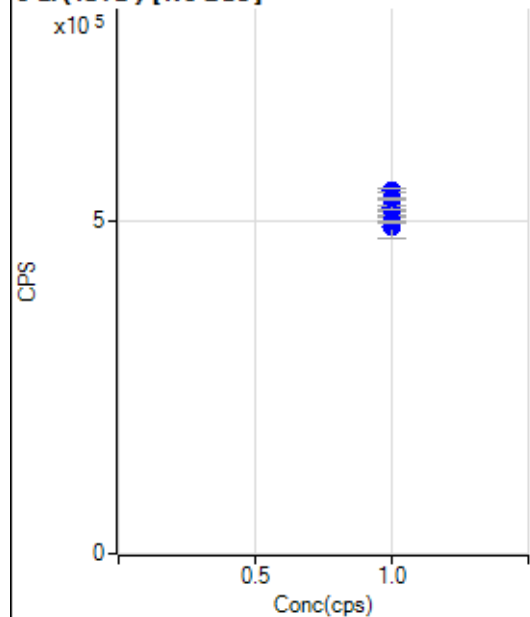
$$DL = 0.002357$$

$$BEC = 0.003854$$

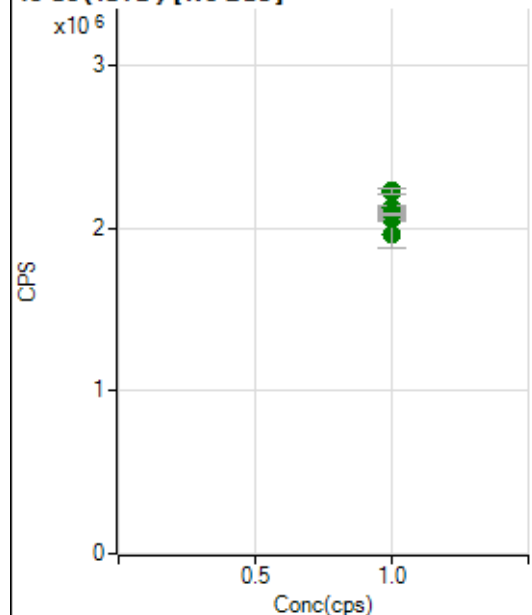
Weight: <None>

Min Conc: 0

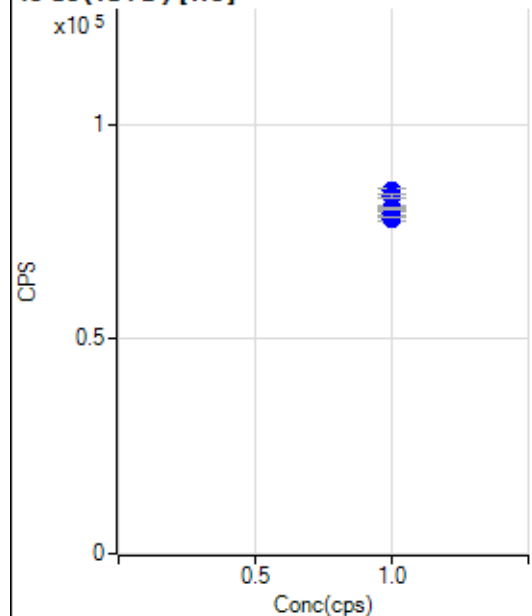
6 Li (ISTD) [No Gas]



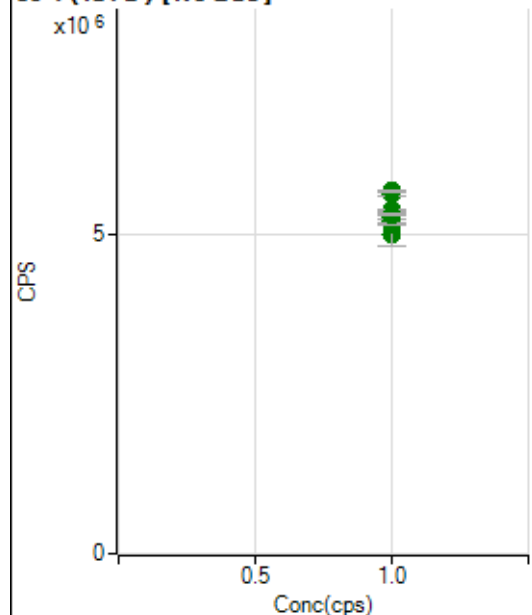
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		491234.80		P	6.4
2	☐	1.000		506887.78		P	0.4
3	☐	1.000		515721.61		P	0.5
4	☐	1.000		508002.09		P	0.2
5	☐	1.000		520715.73		P	1.0
6	☐	1.000		545806.64		P	1.1
7	☐	1.000		534399.94		P	0.7
8	☐	1.000		499134.89		P	0.4

45 Sc (ISTD) [No Gas]

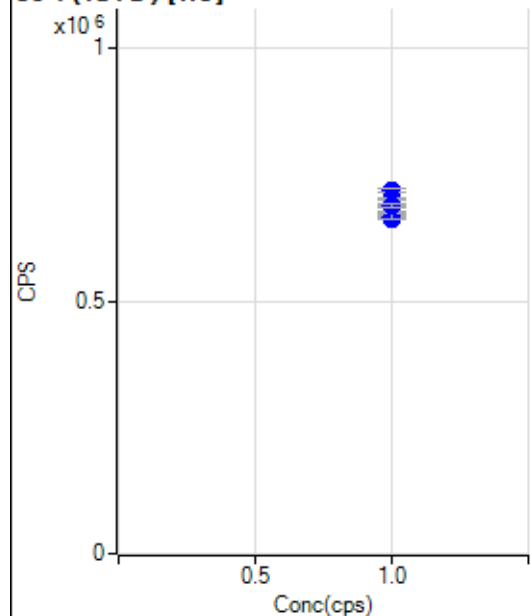
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1963033.95		A	8.1
2	☐	1.000		2089324.69		A	0.6
3	☐	1.000		2118873.32		A	1.3
4	☐	1.000		2060906.06		A	0.4
5	☐	1.000		2133232.35		A	1.0
6	☐	1.000		2231204.36		A	1.5
7	☐	1.000		2227805.16		A	1.2
8	☐	1.000		2089233.91		A	0.2

45 Sc (ISTD) [He]

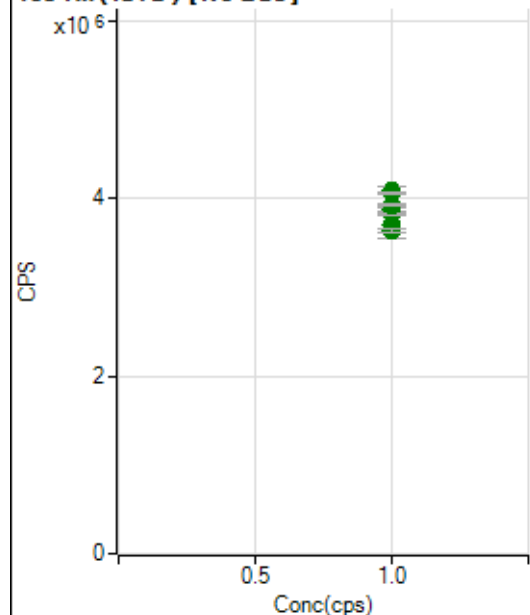
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		77757.99		P	1.0
2	☐	1.000		79099.95		P	1.3
3	☐	1.000		80784.31		P	0.7
4	☐	1.000		78455.06		P	0.1
5	☐	1.000		80662.70		P	0.3
6	☐	1.000		84466.45		P	1.4
7	☐	1.000		83202.68		P	1.0
8	☐	1.000		80529.71		P	0.7

89 Y (ISTD) [No Gas]

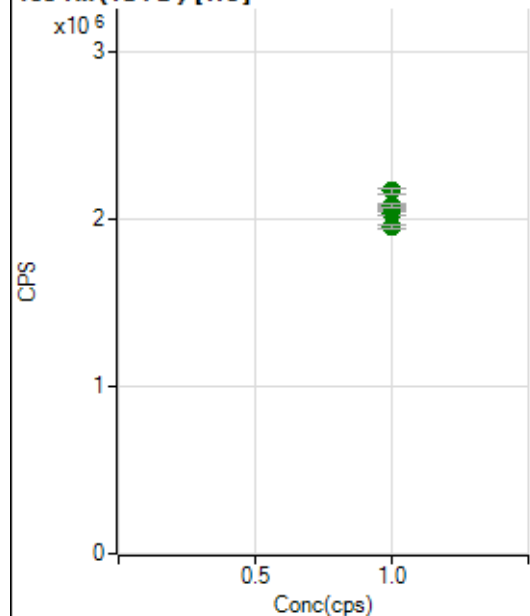
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5003513.19		A	7.3
2	☐	1.000		5193852.60		A	1.4
3	☐	1.000		5263377.21		A	0.9
4	☐	1.000		5156092.98		A	0.5
5	☐	1.000		5370168.50		A	0.4
6	☐	1.000		5617556.23		A	0.9
7	☐	1.000		5674609.78		A	0.8
8	☐	1.000		5301199.68		A	0.4

89 Y (ISTD) [He]

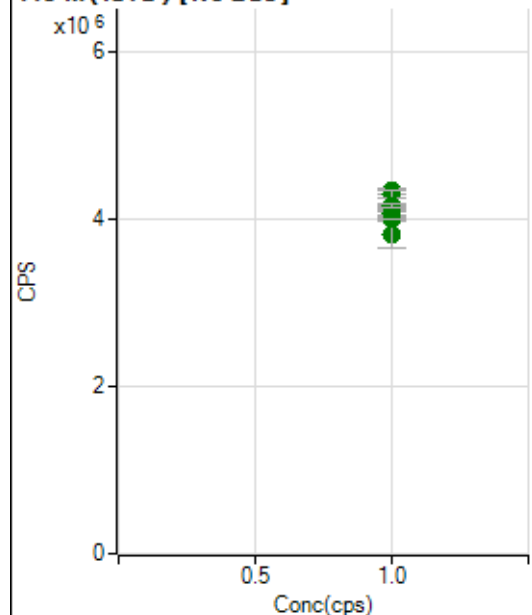
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		664632.66		P	0.3
2	☐	1.000		670618.28		P	0.9
3	☐	1.000		672973.40		P	1.1
4	☐	1.000		668311.71		P	1.2
5	☐	1.000		690948.05		P	0.2
6	☐	1.000		718672.55		P	1.1
7	☐	1.000		702837.97		P	0.5
8	☐	1.000		689051.53		P	0.8

103 Rh (ISTD) [No Gas]

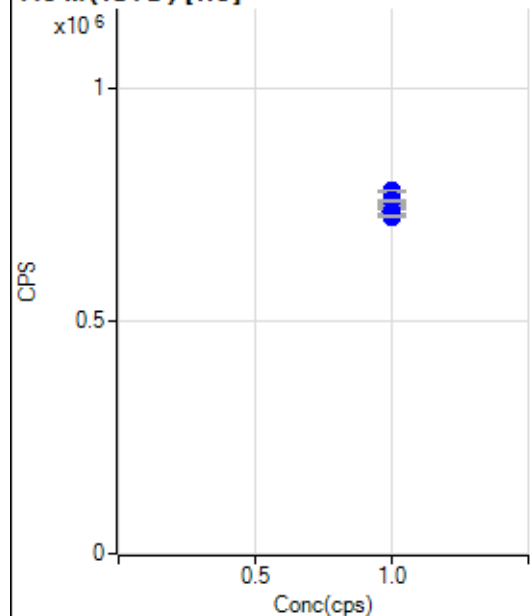
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3708659.29		A	7.7
2	☐	1.000		3893510.90		A	1.3
3	☐	1.000		3886083.90		A	0.9
4	☐	1.000		3832608.03		A	0.7
5	☐	1.000		3934487.20		A	1.0
6	☐	1.000		4090178.61		A	2.1
7	☐	1.000		4070393.02		A	0.6
8	☐	1.000		3647778.12		A	1.4

103 Rh (ISTD) [He]

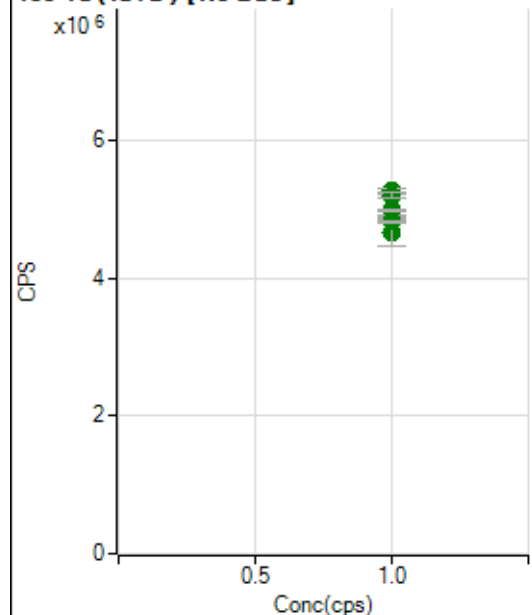
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2039959.34		A	0.9
2	☐	1.000		2074043.91		A	0.2
3	☐	1.000		2067510.51		A	1.8
4	☐	1.000		2059245.61		A	1.4
5	☐	1.000		2074950.75		A	1.6
6	☐	1.000		2171643.87		A	1.3
7	☐	1.000		2081746.76		A	1.5
8	☐	1.000		1958803.39		A	1.3

115 In (ISTD) [No Gas]

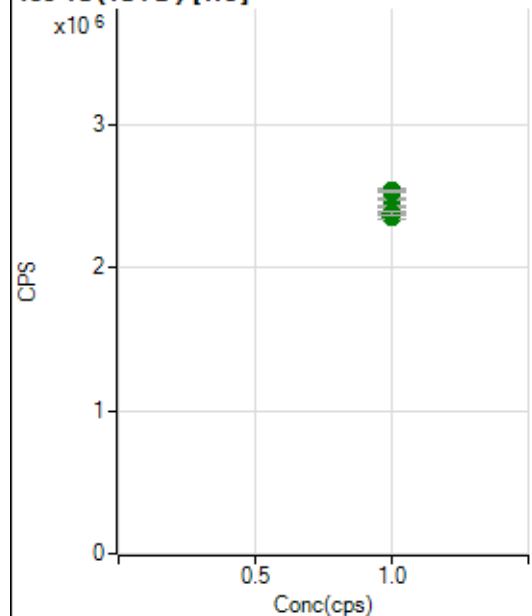
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3816529.85		A	8.2
2	☐	1.000		4065363.79		A	1.0
3	☐	1.000		4077040.15		A	1.9
4	☐	1.000		4005052.31		A	0.4
5	☐	1.000		4161064.88		A	0.3
6	☐	1.000		4342461.35		A	1.4
7	☐	1.000		4305485.77		A	1.9
8	☐	1.000		4159785.18		A	1.0

115 In (ISTD) [He]

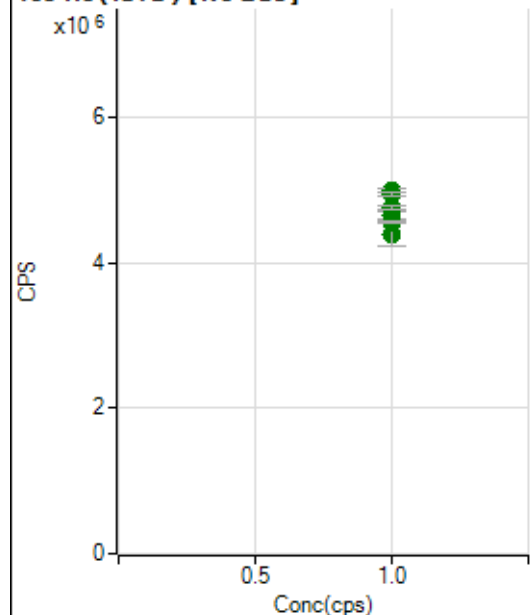
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		730464.79		P	0.2
2	☐	1.000		733876.46		P	1.2
3	☐	1.000		736217.50		P	0.9
4	☐	1.000		724244.99		P	0.9
5	☐	1.000		747308.22		P	1.0
6	☐	1.000		779521.72		P	0.8
7	☐	1.000		750555.74		P	0.4
8	☐	1.000		759758.34		P	0.5

159 Tb (ISTD) [No Gas]

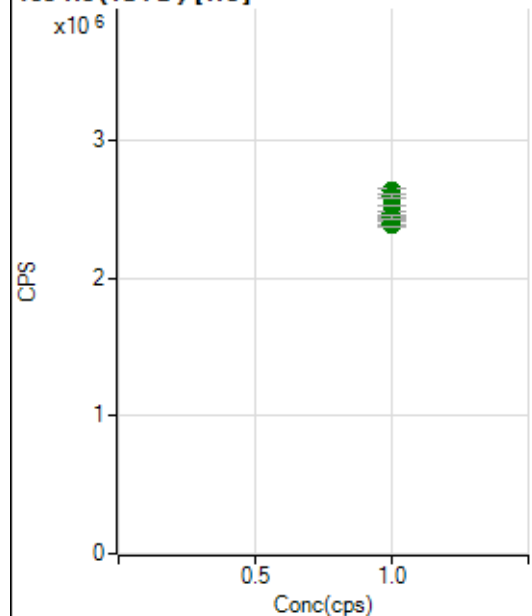
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4651501.73		A	7.9
2	☐	1.000		4838699.72		A	0.2
3	☐	1.000		4894573.88		A	0.6
4	☐	1.000		4830819.61		A	0.2
5	☐	1.000		4983626.77		A	0.3
6	☐	1.000		5263061.17		A	1.5
7	☐	1.000		5199069.16		A	1.5
8	☐	1.000		4821600.00		A	0.5

159 Tb (ISTD) [He]

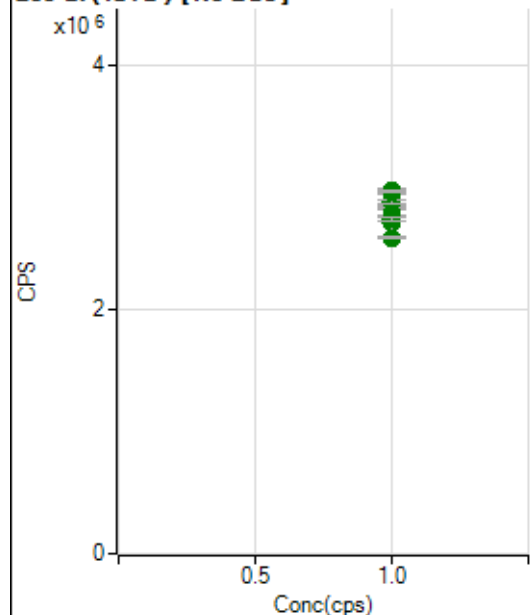
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2359068.44		A	1.5
2	☐	1.000		2410171.68		A	1.4
3	☐	1.000		2422247.58		A	0.2
4	☐	1.000		2351990.16		A	1.6
5	☐	1.000		2478305.07		A	0.9
6	☐	1.000		2533093.59		A	1.1
7	☐	1.000		2528863.45		A	0.4
8	☐	1.000		2371839.86		A	1.2

165 Ho (ISTD) [No Gas]

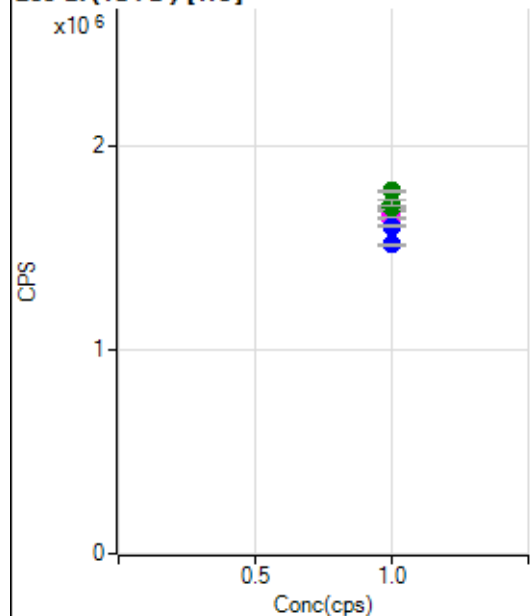
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4400503.14		A	8.1
2	☐	1.000		4559822.50		A	0.6
3	☐	1.000		4653648.89		A	2.2
4	☐	1.000		4545572.07		A	0.4
5	☐	1.000		4770944.81		A	1.1
6	☐	1.000		4989403.11		A	1.1
7	☐	1.000		4956344.64		A	1.0
8	☐	1.000		4556743.68		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2401712.57		A	1.4
2	☐	1.000		2430967.46		A	0.9
3	☐	1.000		2468312.72		A	1.1
4	☐	1.000		2392408.14		A	1.7
5	☐	1.000		2523074.42		A	0.2
6	☐	1.000		2631921.19		A	1.4
7	☐	1.000		2597211.91		A	0.8
8	☐	1.000		2441028.97		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2712405.74		A	7.7
2	☐	1.000		2772301.42		A	0.8
3	☐	1.000		2847258.78		A	0.8
4	☐	1.000		2745210.23		A	1.0
5	☐	1.000		2882273.32		A	0.8
6	☐	1.000		2974835.30		A	1.7
7	☐	1.000		2968519.23		A	0.5
8	☐	1.000		2591540.88		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1629123.32		M	1.5
2	☐	1.000		1662964.92		M	2.5
3	☐	1.000		1675432.37		M	3.0
4	☐	1.000		1608631.76		P	0.6
5	☐	1.000		1699630.22		A	0.6
6	☐	1.000		1781325.25		A	0.8
7	☐	1.000		1722514.73		A	1.2
8	☐	1.000		1518216.19		P	0.6

US EPA Tune Check Report

Operator Name ICPMS
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8021120-MS.b
Acq. Date-Time 2020-02-11 12:46:43
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		1770	17703.74			2.621	5.000
24		27559	275586.62			2.232	5.000
25		3876	38761.38			1.696	5.000
26		4658	46584.16			1.809	5.000
59		27254	272540.88			1.935	5.000
113		3577	35769.99			2.218	5.000
115		44224	442242.97			2.036	5.000
206		9017	90174.60			1.710	5.000
207		8106	81057.37			2.382	5.000
208		19140	191395.04			2.442	5.000
220		1	5.00			29.155	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

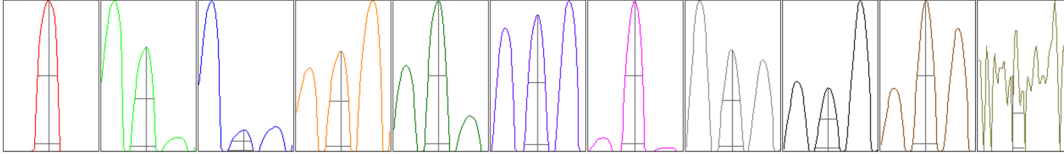
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1723	1752	1737	1820	1820
24	26864	27112	27439	28294	28084
25	3801	3840	3852	3961	3926
26	4596	4600	4605	4783	4709
59	26842	27002	26779	27853	27795
113	3504	3551	3513	3688	3630
115	43433	43721	43648	44784	45535
206	8840	8983	8911	9167	9187
207	7879	8081	7968	8263	8337
208	18608	19137	18751	19686	19516

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	2910.43	8.95	8.90 - 9.10	
24	48837.39	23.95	23.90 - 24.10	
25	6603.05	24.95	24.90 - 25.10	
26	7928.26	25.95	25.90 - 26.10	
59	48706.84	58.95	58.90 - 59.10	
113	6966.76	113.00	112.90 - 113.10	
115	86316.06	115.00	114.90 - 115.10	
206	17036.89	206.00	205.90 - 206.10	
207	15434.65	206.95	206.90 - 207.10	
208	36843.29	207.95	207.90 - 208.10	
220	0.50	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.788	0.900	
24	0.61	0.789	0.900	
25	0.62	0.783	0.900	
26	0.61	0.788	0.900	
59	0.58	0.782	0.900	
113	0.53	0.764	0.900	
115	0.54	0.724	0.900	
206	0.55	0.782	0.900	
207	0.54	0.776	0.900	
208	0.54	0.772	0.900	
220	0.34	0.394		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.50 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	13.2 V	Deflect	14.4 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.1 mm
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EM

Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7366	73664.69			0.511	
89		6709	67089.20			1.009	
205		8255	82552.35			0.507	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7388	7402	7378	7358	7305
89	6711	6750	6749	6744	6591
205	8235	8244	8297	8299	8202

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.50 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	13.2 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.1 mm		
EM					
Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	-1.63	1.13	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	0.00	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Boron	10-1	0.22	0.08	-0.29	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.61	0.47	0.14	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.05	0.08	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.03	0.00	0.00	N/A	ppb
Calcium	43-1	-3.62	7.41	-3.79	0.00	N/A	ppb
Calcium	44-1	24.91	-10.22	-14.69	0.00	N/A	ppb
Chromium	52-2	-0.07	0.06	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2.49	-0.79	-1.70	0.00	N/A	ppb
Iron	56-2	-0.07	-0.08	0.15	0.00	N/A	ppb
Iron	57-2	1.41	0.61	-2.02	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	206-1	0.04	-0.03	-0.01	0.00	N/A	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.45	-0.37	-0.08	0.00	N/A	ppb
Manganese	55-2	0.08	-0.05	-0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.02	-0.02	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	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-64.30	39.05	-40.60	-21.95		ppb
Potassium	39-2	-1.32	2.48	-1.16	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.59	1.17	-0.59	0.00	N/A	ppb
Selenium	78-2	-0.86	-1.14	1.99	0.00	N/A	ppb
Selenium	82-1	0.06	-0.94	0.88	0.00	N/A	ppb
Silicon	28-1	22.67	-8.39	-14.28	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-12.97	6.90	6.07	0.00	N/A	ppb
Strontium	86-1	0.12	-0.26	0.13	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	4712.39	77.63	-1034.32	1251.90	243.47	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.02	0.00	0.00	N/A	ppb
Titanium	47-1	0.24	-0.09	-0.15	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.01	0.00	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.30	14.40	17.62	17.11	14.55	ppb
Antimony	121-1	1.81	1.85	1.75	1.80	2.70	ppb
Arsenic	75-2	0.91	0.87	0.95	0.91	4.71	ppb
Barium	135-1	9.12	9.91	9.39	9.47	4.23	ppb
Barium	137-1	9.96	9.88	9.97	9.94	0.51	ppb
Beryllium	9-1	0.91	1.03	0.95	0.96	6.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	17.95	19.31	22.25	19.84	11.07	ppb
Boron	10-1	18.60	18.81	22.84	20.08	11.88	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.93	-1.38	0.80	-0.50		ppb
Cadmium	108-1	1.01	0.88	0.55	0.81	29.47	ppb
Cadmium	111-1	0.87	0.86	0.91	0.88	3.59	ppb
Calcium	43-1	458.76	445.34	489.19	464.43	4.84	ppb
Calcium	44-1	501.00	485.49	477.72	488.07	2.43	ppb
Chromium	52-2	1.92	1.86	1.88	1.88	1.61	ppb
Cobalt	59-2	0.93	0.94	0.97	0.95	1.81	ppb
Copper	63-2	1.85	1.91	1.83	1.87	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	59.75	56.65	54.69	57.03	4.47	ppb
Iron	56-2	53.07	53.93	52.33	53.11	1.51	ppb
Iron	57-2	48.19	60.23	42.63	50.35	17.87	ppb
Krypton	83-1						cps
Lead	207-1	0.93	0.86	0.83	0.87	6.08	ppb
Lead	208-1	0.96	0.89	0.83	0.89	7.39	ppb
Lead	206-1	0.94	0.87	0.88	0.89	4.71	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	505.78	518.36	532.16	518.77	2.54	ppb
Manganese	55-2	0.97	0.83	0.89	0.90	8.02	ppb
Molybdenum	94-1	4.61	5.11	4.54	4.75	6.52	ppb
Molybdenum	95-1	4.98	4.66	4.93	4.86	3.51	ppb
Molybdenum	96-1	4.76	5.06	4.81	4.88	3.26	ppb
Molybdenum	97-1	5.26	4.97	4.80	5.01	4.67	ppb
Molybdenum	98-1	5.04	5.03	4.86	4.98	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.10	1.18	1.06	13.12	ppb
Phosphorus	31-2	-4.41	21.44	48.81	21.95	121.27	ppb
Potassium	39-2	477.62	524.02	488.78	496.81	4.87	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	1.14	1.17	1.16	1.16	1.40	ppb
Selenium	78-2	3.65	8.69	6.40	6.25	40.40	ppb
Selenium	82-1	4.70	5.65	3.56	4.64	22.57	ppb
Silicon	28-1	-9.00	-5.42	-3.95	-6.13		ppb
Silver	109-1	0.87	0.94	0.97	0.93	5.28	ppb
Silver	107-1	0.89	0.90	0.89	0.89	0.94	ppb
Sodium	23-2	509.61	539.13	497.06	515.27	4.19	ppb
Strontium	86-1	0.81	0.69	1.07	0.86	22.64	ppb
Strontium	88-1	0.94	0.94	0.96	0.95	1.01	ppb
Sulfur	34-1	-1749.20	-1481.92	-524.57	-1251.90		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.89	0.82	0.86	4.42	ppb
Thallium	205-1	0.96	0.88	0.94	0.93	4.09	ppb
Tin	118-1	4.72	4.71	4.78	4.73	0.82	ppb
Titanium	47-1	5.04	4.56	4.53	4.71	6.15	ppb
Uranium	238-1	0.93	0.91	0.92	0.92	0.62	ppb
Vanadium	51-2	4.81	4.75	4.73	4.76	0.84	ppb
Yttrium	89-1				104		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.40	1.84	2.10	2.11	13.22	ppb
Zirconium	90-1	0.84	0.81	0.81	0.82	2.40	ppb
Zirconium	91-1	0.90	0.77	0.77	0.81	9.25	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1128.80	1114.33	1103.74	1115.62	1.13	ppb
Antimony	121-1	51.82	50.50	51.01	51.11	1.30	ppb
Arsenic	75-2	50.69	51.02	51.45	51.05	0.74	ppb
Barium	135-1	254.83	255.05	252.50	254.13	0.56	ppb
Barium	137-1	253.54	258.79	257.93	256.75	1.10	ppb
Beryllium	9-1	50.63	51.76	50.99	51.13	1.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	42.16	48.10	51.47	47.24	9.98	ppb
Boron	10-1	45.57	49.54	53.00	49.37	7.53	ppb
Bromine	81-1						cps
Cadmium	106-1	49.76	48.44	49.60	49.27	1.47	ppb
Cadmium	108-1	51.89	53.31	53.16	52.79	1.48	ppb
Cadmium	111-1	50.47	50.95	50.65	50.69	0.48	ppb
Calcium	43-1	5437.36	5215.29	5269.61	5307.42	2.18	ppb
Calcium	44-1	5482.90	5410.55	5387.42	5426.96	0.92	ppb
Chromium	52-2	50.90	50.48	49.69	50.36	1.22	ppb
Cobalt	59-2	51.40	51.28	50.03	50.90	1.48	ppb
Copper	63-2	103.01	103.37	101.73	102.70	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	2778.22	2832.76	2756.05	2789.01	1.42	ppb
Iron	56-2	2855.44	2793.73	2770.66	2806.61	1.56	ppb
Iron	57-2	2687.31	2680.66	2693.34	2687.11	0.24	ppb
Krypton	83-1						cps
Lead	207-1	48.92	48.45	48.70	48.69	0.49	ppb
Lead	208-1	48.99	48.49	48.90	48.79	0.55	ppb
Lead	206-1	49.44	49.17	49.21	49.27	0.29	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	5434.65	5418.35	5373.89	5408.96	0.58	ppb
Manganese	55-2	101.95	101.94	99.23	101.04	1.55	ppb
Molybdenum	94-1	256.75	258.44	253.15	256.12	1.06	ppb
Molybdenum	95-1	255.99	253.63	256.05	255.23	0.54	ppb
Molybdenum	96-1	259.88	255.86	260.15	258.63	0.93	ppb
Molybdenum	97-1	266.41	257.04	257.32	260.26	2.05	ppb
Molybdenum	98-1	258.18	259.04	254.97	257.40	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.42	51.46	51.02	51.30	0.47	ppb
Phosphorus	31-2	1088.84	1018.06	938.90	1015.27	7.39	ppb
Potassium	39-2	2733.49	2629.28	2608.36	2657.04	2.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	43.46	49.54	51.24	48.08	8.51	ppb
Selenium	78-2	49.18	46.27	49.62	48.36	3.76	ppb
Selenium	82-1	48.61	49.34	50.00	49.32	1.41	ppb
Silicon	28-1	51.65	49.83	54.21	51.90	4.24	ppb
Silver	109-1	51.89	51.68	50.28	51.28	1.71	ppb
Silver	107-1	51.91	51.38	52.31	51.87	0.90	ppb
Sodium	23-2	5520.00	5536.48	5524.94	5527.14	0.15	ppb
Strontium	86-1	51.01	50.27	49.40	50.23	1.61	ppb
Strontium	88-1	52.22	52.13	51.71	52.02	0.52	ppb
Sulfur	34-1	270.22	-421.42	-849.05	-333.42		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	49.70	49.02	50.55	49.76	1.54	ppb
Thallium	205-1	50.96	49.72	50.73	50.47	1.31	ppb
Tin	118-1	50.62	49.35	49.60	49.86	1.35	ppb
Titanium	47-1	255.55	249.95	246.22	250.57	1.87	ppb
Uranium	238-1	50.32	49.80	49.75	49.96	0.64	ppb
Vanadium	51-2	50.81	49.53	50.47	50.27	1.31	ppb
Yttrium	89-1				105		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	105.04	101.47	101.33	102.61	2.05	ppb
Zirconium	90-1	52.02	50.30	50.05	50.79	2.11	ppb
Zirconium	91-1	51.32	49.81	49.25	50.13	2.13	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2678.68	2630.87	2663.09	2657.55	0.92	ppb
Antimony	121-1	125.12	123.56	123.96	124.21	0.65	ppb
Arsenic	75-2	124.86	122.49	121.07	122.81	1.56	ppb
Barium	135-1	627.18	624.10	622.97	624.75	0.35	ppb
Barium	137-1	629.02	636.30	629.10	631.48	0.66	ppb
Beryllium	9-1	125.13	123.77	124.92	124.61	0.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	106.05	120.38	126.01	117.48	8.76	ppb
Boron	10-1	104.86	113.48	125.92	114.75	9.23	ppb
Bromine	81-1						cps
Cadmium	106-1	120.13	122.97	124.41	122.51	1.78	ppb
Cadmium	108-1	128.17	121.35	125.87	125.13	2.78	ppb
Cadmium	111-1	123.02	125.19	124.56	124.26	0.90	ppb
Calcium	43-1	13305.26	13578.42	13252.62	13378.76	1.31	ppb
Calcium	44-1	13077.10	13406.33	13471.03	13318.15	1.59	ppb
Chromium	52-2	125.26	125.38	125.85	125.50	0.25	ppb
Cobalt	59-2	124.99	125.40	124.09	124.83	0.54	ppb
Copper	63-2	253.30	250.29	246.14	249.91	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	6794.26	6851.64	6865.20	6837.04	0.55	ppb
Iron	56-2	6755.33	6807.42	6902.25	6821.67	1.09	ppb
Iron	57-2	6649.85	6589.16	6657.29	6632.10	0.56	ppb
Krypton	83-1						cps
Lead	207-1	123.01	121.00	120.00	121.34	1.26	ppb
Lead	208-1	124.56	121.01	121.51	122.36	1.57	ppb
Lead	206-1	125.04	122.22	122.17	123.14	1.33	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	13316.18	13451.86	13333.19	13367.08	0.55	ppb
Manganese	55-2	250.33	249.40	248.65	249.46	0.34	ppb
Molybdenum	94-1	635.98	650.11	637.44	641.17	1.21	ppb
Molybdenum	95-1	626.78	636.80	635.86	633.15	0.87	ppb
Molybdenum	96-1	637.40	641.60	639.18	639.39	0.33	ppb
Molybdenum	97-1	646.14	648.52	641.28	645.31	0.57	ppb
Molybdenum	98-1	639.94	640.86	630.85	637.22	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.32	126.50	125.42	125.75	0.52	ppb
Phosphorus	31-2	2744.87	2577.26	2442.67	2588.27	5.85	ppb
Potassium	39-2	6726.16	6574.56	6774.12	6691.61	1.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	153.64	96.26	134.34	128.08	22.80	ppb
Selenium	78-2	133.50	122.85	123.65	126.67	4.68	ppb
Selenium	82-1	126.28	122.06	124.14	124.16	1.70	ppb
Silicon	28-1	154.08	165.17	167.00	162.08	4.31	ppb
Silver	109-1	126.94	124.98	126.39	126.10	0.80	ppb
Silver	107-1	125.65	127.38	126.17	126.40	0.70	ppb
Sodium	23-2	13642.95	13743.52	13584.41	13656.96	0.59	ppb
Strontium	86-1	126.87	127.22	124.72	126.27	1.07	ppb
Strontium	88-1	128.45	127.42	126.84	127.57	0.64	ppb
Sulfur	34-1	2246.45	2144.74	1747.74	2046.31	12.88	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	128.34	122.10	126.23	125.56	2.53	ppb
Thallium	205-1	128.50	126.46	126.79	127.25	0.86	ppb
Tin	118-1	123.03	123.16	123.48	123.22	0.19	ppb
Titanium	47-1	616.46	622.38	628.68	622.51	0.98	ppb
Uranium	238-1	126.90	124.26	126.60	125.92	1.15	ppb
Vanadium	51-2	123.72	124.92	125.00	124.55	0.57	ppb
Yttrium	89-1				103		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	253.73	249.76	249.70	251.06	0.92	ppb
Zirconium	90-1	127.52	127.99	124.17	126.56	1.65	ppb
Zirconium	91-1	124.96	126.38	122.62	124.66	1.52	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:30:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5447.63	5420.63	5379.55	5415.94	0.63	ppb
Antimony	121-1	249.50	250.12	249.44	249.69	0.15	ppb
Arsenic	75-2	246.22	246.73	246.38	246.44	0.11	ppb
Barium	135-1	1268.08	1249.63	1263.57	1260.43	0.76	ppb
Barium	137-1	1267.43	1258.39	1270.81	1265.54	0.51	ppb
Beryllium	9-1	251.42	245.57	251.57	249.52	1.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	214.74	238.98	252.20	235.31	8.07	ppb
Boron	10-1	217.00	237.03	250.34	234.79	7.15	ppb
Bromine	81-1						cps
Cadmium	106-1	256.22	240.83	250.74	249.26	3.13	ppb
Cadmium	108-1	253.61	246.97	254.50	251.69	1.63	ppb
Cadmium	111-1	251.29	249.12	249.09	249.83	0.51	ppb
Calcium	43-1	26881.69	27099.09	26521.08	26833.95	1.09	ppb
Calcium	44-1	26552.39	26662.45	26104.53	26439.79	1.12	ppb
Chromium	52-2	249.79	256.28	251.07	252.38	1.36	ppb
Cobalt	59-2	251.26	255.23	247.90	251.46	1.46	ppb
Copper	63-2	495.97	508.08	507.08	503.71	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	13851.54	14107.70	13892.40	13950.55	0.99	ppb
Iron	56-2	13584.95	13869.13	13757.40	13737.16	1.04	ppb
Iron	57-2	13323.41	13383.78	13347.42	13351.54	0.23	ppb
Krypton	83-1						cps
Lead	207-1	238.61	238.73	241.11	239.48	0.59	ppb
Lead	208-1	241.20	239.06	243.03	241.10	0.82	ppb
Lead	206-1	244.03	239.89	243.56	242.50	0.93	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:30:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	27348.66	27504.34	26500.46	27117.82	1.99	ppb
Manganese	55-2	504.58	512.46	505.87	507.64	0.83	ppb
Molybdenum	94-1	1283.86	1230.45	1258.02	1257.44	2.12	ppb
Molybdenum	95-1	1252.49	1249.84	1225.41	1242.58	1.20	ppb
Molybdenum	96-1	1265.43	1267.26	1237.84	1256.84	1.31	ppb
Molybdenum	97-1	1280.70	1259.55	1280.55	1273.60	0.96	ppb
Molybdenum	98-1	1271.07	1259.75	1247.41	1259.41	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.31	259.35	254.00	255.22	1.44	ppb
Phosphorus	31-2	4934.62	4913.41	5172.61	5006.88	2.87	ppb
Potassium	39-2	13457.92	13739.43	13392.04	13529.80	1.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	238.83	258.28	319.16	272.09	15.40	ppb
Selenium	78-2	248.23	248.97	249.25	248.82	0.21	ppb
Selenium	82-1	254.27	247.28	248.47	250.01	1.49	ppb
Silicon	28-1	304.86	328.53	326.35	319.91	4.09	ppb
Silver	109-1	250.10	250.43	251.97	250.83	0.40	ppb
Silver	107-1	254.72	247.42	251.06	251.07	1.45	ppb
Sodium	23-2	27867.33	27757.74	27280.84	27635.31	1.13	ppb
Strontium	86-1	251.91	245.19	245.36	247.49	1.55	ppb
Strontium	88-1	255.04	255.54	252.02	254.20	0.75	ppb
Sulfur	34-1	4413.53	4475.19	3756.25	4214.99	9.45	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	251.87	245.68	247.88	248.48	1.26	ppb
Thallium	205-1	252.67	249.16	248.42	250.08	0.91	ppb
Tin	118-1	248.09	245.74	245.28	246.37	0.61	ppb
Titanium	47-1	1250.50	1248.84	1205.20	1234.85	2.08	ppb
Uranium	238-1	250.45	250.56	253.71	251.57	0.74	ppb
Vanadium	51-2	250.97	251.43	251.16	251.19	0.09	ppb
Yttrium	89-1				107		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:30:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	504.56	512.86	506.95	508.12	0.84	ppb
Zirconium	90-1	249.38	242.23	253.66	248.42	2.33	ppb
Zirconium	91-1	248.79	245.41	251.98	248.72	1.32	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10623.32	10784.09	10665.11	10690.84	0.78	ppb
Antimony	121-1	489.19	497.79	494.00	493.66	0.87	ppb
Arsenic	75-2	499.85	489.78	487.60	492.41	1.33	ppb
Barium	135-1	2466.85	2455.40	2496.06	2472.77	0.85	ppb
Barium	137-1	2425.94	2446.84	2505.08	2459.29	1.67	ppb
Beryllium	9-1	496.53	493.18	497.92	495.88	0.49	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	11-1	434.01	483.79	522.67	480.16	9.26	ppb
Boron	10-1	431.45	485.45	519.55	478.82	9.28	ppb
Bromine	81-1						cps
Cadmium	106-1	488.72	495.00	493.10	492.27	0.65	ppb
Cadmium	108-1	505.07	498.87	500.73	501.56	0.63	ppb
Cadmium	111-1	486.39	494.63	493.48	491.50	0.91	ppb
Calcium	43-1	53834.84	52570.73	52866.06	53090.54	1.25	ppb
Calcium	44-1	53129.27	51530.11	51472.95	52044.11	1.81	ppb
Chromium	52-2	492.70	501.99	498.92	497.87	0.95	ppb
Cobalt	59-2	495.23	499.90	498.21	497.78	0.48	ppb
Copper	63-2	1015.16	1008.11	997.18	1006.81	0.90	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				113		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	54-2	27223.53	27452.17	27301.55	27325.75	0.43	ppb
Iron	56-2	26381.80	27238.69	27247.58	26956.02	1.84	ppb
Iron	57-2	26450.29	26955.31	26819.82	26741.80	0.98	ppb
Krypton	83-1						cps
Lead	207-1	485.27	483.92	477.52	482.24	0.86	ppb
Lead	208-1	496.74	496.52	486.95	493.40	1.13	ppb
Lead	206-1	490.88	495.35	490.28	492.17	0.56	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	51505.35	54681.79	53485.04	53224.06	3.01	ppb
Manganese	55-2	984.39	992.25	998.75	991.80	0.72	ppb
Molybdenum	94-1	2552.96	2445.71	2458.94	2485.87	2.35	ppb
Molybdenum	95-1	2541.23	2447.52	2432.02	2473.59	2.39	ppb
Molybdenum	96-1	2549.82	2489.94	2426.24	2488.67	2.48	ppb
Molybdenum	97-1	2603.81	2547.75	2443.38	2531.65	3.22	ppb
Molybdenum	98-1	2595.07	2471.92	2425.99	2497.66	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.53	504.80	502.41	497.92	1.99	ppb
Phosphorus	31-2	10383.07	10110.51	10039.65	10177.74	1.78	ppb
Potassium	39-2	26293.60	27221.66	26885.29	26800.18	1.75	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	77-2	489.54	441.62	495.19	475.45	6.19	ppb
Selenium	78-2	489.74	489.30	494.99	491.35	0.64	ppb
Selenium	82-1	510.25	499.30	502.59	504.05	1.11	ppb
Silicon	28-1	541.24	522.36	541.47	535.03	2.05	ppb
Silver	109-1	494.27	501.60	493.24	496.37	0.92	ppb
Silver	107-1	498.17	499.66	505.25	501.03	0.74	ppb
Sodium	23-2	51815.30	54586.44	53361.54	53254.43	2.61	ppb
Strontium	86-1	501.00	493.73	491.02	495.25	1.04	ppb
Strontium	88-1	502.72	501.37	490.19	498.09	1.38	ppb
Sulfur	34-1	9751.42	8851.49	7806.23	8803.05	11.06	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	494.91	502.97	496.47	498.12	0.86	ppb
Thallium	205-1	505.31	500.62	496.31	500.75	0.90	ppb
Tin	118-1	475.95	486.93	491.32	484.73	1.63	ppb
Titanium	47-1	2540.15	2450.98	2423.47	2471.53	2.47	ppb
Uranium	238-1	496.76	501.67	502.61	500.35	0.63	ppb
Vanadium	51-2	487.88	493.35	486.77	489.34	0.72	ppb
Yttrium	89-1				112		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	983.27	1012.54	1000.06	998.62	1.47	ppb
Zirconium	90-1	495.50	490.04	492.80	492.78	0.55	ppb
Zirconium	91-1	501.51	486.02	489.59	492.37	1.65	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:36:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21487.96	21516.61	21821.21	21608.59	0.85	ppb
Antimony	121-1	992.63	1012.11	1005.14	1003.29	0.98	ppb
Arsenic	75-2	1016.06	998.68	999.98	1004.91	0.96	ppb
Barium	135-1	4946.42	5119.42	4966.67	5010.83	1.89	ppb
Barium	137-1	4925.22	5146.58	4974.16	5015.32	2.32	ppb
Beryllium	9-1	1002.56	1016.27	987.70	1002.17	1.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	925.97	1038.91	1079.52	1014.80	7.84	ppb
Boron	10-1	941.09	1034.07	1072.32	1015.83	6.64	ppb
Bromine	81-1						cps
Cadmium	106-1	990.04	1015.72	1007.43	1004.40	1.30	ppb
Cadmium	108-1	984.70	1018.43	992.80	998.64	1.76	ppb
Cadmium	111-1	989.50	1020.58	1002.96	1004.35	1.55	ppb
Calcium	43-1	106278.48	110396.32	107495.76	108056.85	1.96	ppb
Calcium	44-1	106987.47	107415.95	107558.39	107320.61	0.28	ppb
Chromium	52-2	990.36	1001.68	1009.14	1000.39	0.95	ppb
Cobalt	59-2	980.79	1017.41	1003.97	1000.72	1.85	ppb
Copper	63-2	1967.26	1987.14	2032.22	1995.54	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	54-2	55545.44	56084.25	57635.08	56421.59	1.92	ppb
Iron	56-2	53881.41	54851.42	55400.63	54711.15	1.41	ppb
Iron	57-2	53211.63	54502.57	54005.38	53906.53	1.21	ppb
Krypton	83-1						cps
Lead	207-1	1012.54	1003.91	1019.66	1012.03	0.78	ppb
Lead	208-1	1007.04	1001.40	1009.30	1005.92	0.40	ppb
Lead	206-1	1005.45	997.62	1015.11	1006.06	0.87	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:36:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	106094.24	105890.04	106936.68	106306.99	0.52	ppb
Manganese	55-2	1995.72	2001.06	2009.84	2002.21	0.36	ppb
Molybdenum	94-1	4968.05	4999.31	5041.30	5002.89	0.73	ppb
Molybdenum	95-1	5000.23	5044.00	4997.14	5013.79	0.52	ppb
Molybdenum	96-1	4926.02	5064.26	5014.92	5001.73	1.40	ppb
Molybdenum	97-1	4919.17	4969.54	5036.99	4975.23	1.19	ppb
Molybdenum	98-1	4962.48	5047.89	4980.42	4996.93	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.72	1003.64	997.37	999.58	0.35	ppb
Phosphorus	31-2	20318.49	19656.80	19717.53	19897.61	1.84	ppb
Potassium	39-2	52843.60	54013.66	53089.95	53315.73	1.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	77-2	1048.20	985.83	985.42	1006.48	3.59	ppb
Selenium	78-2	1019.28	989.74	1004.44	1004.49	1.47	ppb
Selenium	82-1	992.34	1000.17	1001.84	998.12	0.51	ppb
Silicon	28-1	933.84	975.36	972.12	960.44	2.40	ppb
Silver	109-1	1000.32	1025.66	978.23	1001.40	2.37	ppb
Silver	107-1	982.43	1017.93	996.50	998.95	1.79	ppb
Sodium	23-2	107918.10	107902.37	109689.51	108503.33	0.95	ppb
Strontium	86-1	996.44	997.14	1014.92	1002.84	1.04	ppb
Strontium	88-1	1002.80	998.15	997.50	999.48	0.29	ppb
Sulfur	34-1	20360.36	21718.92	20675.06	20918.11	3.40	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	989.41	1003.52	1010.86	1001.26	1.09	ppb
Thallium	205-1	992.60	1007.65	997.66	999.30	0.77	ppb
Tin	118-1	1003.07	1016.69	1006.56	1008.77	0.70	ppb
Titanium	47-1	5056.71	4960.34	5037.90	5018.31	1.02	ppb
Uranium	238-1	1003.37	998.28	996.31	999.32	0.36	ppb
Vanadium	51-2	991.52	1011.90	1011.82	1005.08	1.17	ppb
Yttrium	89-1				113		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:36:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1983.79	1998.50	2012.92	1998.40	0.73	ppb
Zirconium	90-1	999.08	1006.24	1005.99	1003.77	0.40	ppb
Zirconium	91-1	997.93	1010.66	1003.93	1004.17	0.63	ppb

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:39:56 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98592.46	101434.44	98723.02	99583.31	1.61	ppb
Antimony	121-1	0.71	0.59	0.58	0.63	11.27	ppb
Arsenic	75-2	0.38	0.33	0.34	0.35	6.90	ppb
Barium	135-1	9.70	9.36	9.63	9.56	1.88	ppb
Barium	137-1	9.56	9.33	9.62	9.51	1.62	ppb
Beryllium	9-1	0.30	0.22	0.20	0.24	21.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	211.97	196.22	181.17	196.45	7.84	ppb
Boron	10-1	216.32	199.31	191.29	202.31	6.32	ppb
Bromine	81-1						cps
Cadmium	106-1	1.81	1.38	1.63	1.61	13.42	ppb
Cadmium	108-1	0.48	0.29	0.48	0.42	27.12	ppb
Cadmium	111-1	0.40	0.35	0.35	0.37	7.79	ppb
Calcium	43-1	488214.43	502418.95	503255.23	497962.87	1.70	ppb
Calcium	44-1	494597.71	504056.41	496050.18	498234.77	1.02	ppb
Chromium	52-2	17.02	16.80	17.04	16.95	0.77	ppb
Cobalt	59-2	1.56	1.49	1.53	1.53	2.27	ppb
Copper	63-2	4.97	4.75	4.92	4.88	2.42	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				109		%
Indium	115-2				104		%
Iron	54-2	247199.72	249620.36	248358.96	248393.01	0.49	ppb
Iron	56-2	248106.05	250917.65	247325.15	248782.95	0.76	ppb
Iron	57-2	248206.05	251674.43	247091.06	248990.51	0.96	ppb
Krypton	83-1						cps
Lead	207-1	4.58	4.66	5.06	4.77	5.39	ppb
Lead	208-1	4.74	4.64	4.83	4.74	1.97	ppb
Lead	206-1	4.93	4.60	4.78	4.77	3.44	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:39:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	496970.21	497290.99	500592.36	498284.52	0.40	ppb
Manganese	55-2	9.15	9.12	9.10	9.12	0.29	ppb
Molybdenum	94-1	2.69	2.51	2.44	2.55	5.09	ppb
Molybdenum	95-1	3.17	3.09	2.90	3.05	4.60	ppb
Molybdenum	96-1	3.64	3.52	3.66	3.61	2.09	ppb
Molybdenum	97-1	3.28	3.18	3.04	3.17	3.75	ppb
Molybdenum	98-1	3.32	3.28	2.92	3.17	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.81	11.43	11.47	11.57	1.80	ppb
Phosphorus	31-2	-20.76	-57.72	38.59	-13.29		ppb
Potassium	39-2	246381.47	251385.19	249511.56	249092.74	1.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	1.11	-0.59	4.47	1.66	154.72	ppb
Selenium	78-2	1.50	0.51	1.29	1.10	47.31	ppb
Selenium	82-1	-0.14	1.48	0.44	0.60	137.73	ppb
Silicon	28-1	66.18	69.10	73.52	69.60	5.31	ppb
Silver	109-1	0.28	0.27	0.22	0.25	12.30	ppb
Silver	107-1	0.28	0.28	0.26	0.27	3.28	ppb
Sodium	23-2	503184.32	497945.65	492293.77	497807.92	1.09	ppb
Strontium	86-1	2.19	1.93	1.91	2.01	7.87	ppb
Strontium	88-1	2.13	2.06	2.02	2.07	2.68	ppb
Sulfur	34-1	-3426.42	-2907.79	-2929.70	-3087.97		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.62	0.52	0.49	0.54	12.70	ppb
Thallium	205-1	0.70	0.60	0.49	0.60	17.13	ppb
Tin	118-1	0.61	0.68	0.52	0.60	13.60	ppb
Titanium	47-1	0.65	0.89	0.80	0.78	15.74	ppb
Uranium	238-1	0.16	0.14	0.11	0.13	18.91	ppb
Vanadium	51-2	0.29	0.29	0.30	0.29	1.46	ppb
Yttrium	89-1				106		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:39:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	31.80	31.27	31.76	31.61	0.93	ppb
Zirconium	90-1	0.30	0.25	0.24	0.27	12.25	ppb
Zirconium	91-1	0.23	0.24	0.23	0.24	3.20	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:48:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.23	534.98	538.34	530.18	2.14	ppb
Antimony	121-1	193.02	194.71	202.89	196.88	2.68	ppb
Arsenic	75-2	197.68	194.06	197.72	196.49	1.07	ppb
Barium	135-1	99.12	104.01	102.93	102.02	2.52	ppb
Barium	137-1	100.68	101.77	103.22	101.89	1.25	ppb
Beryllium	9-1	95.97	96.94	100.11	97.67	2.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	331.47	401.95	461.44	398.29	16.34	ppb
Boron	10-1	332.40	394.24	460.54	395.73	16.19	ppb
Bromine	81-1						cps
Cadmium	106-1	138.84	142.31	149.88	143.67	3.93	ppb
Cadmium	108-1	128.05	134.48	135.44	132.66	3.03	ppb
Cadmium	111-1	99.95	101.42	105.77	102.38	2.95	ppb
Calcium	43-1	2275.99	2393.86	2402.37	2357.41	3.00	ppb
Calcium	44-1	2202.13	2242.11	2240.86	2228.37	1.02	ppb
Chromium	52-2	100.79	99.53	100.15	100.16	0.63	ppb
Cobalt	59-2	99.25	102.10	100.18	100.51	1.44	ppb
Copper	63-2	99.83	103.33	101.54	101.57	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	2159.40	2209.71	2205.25	2191.46	1.27	ppb
Iron	56-2	2111.48	2138.16	2112.47	2120.70	0.71	ppb
Iron	57-2	2020.93	2065.38	2063.37	2049.89	1.22	ppb
Krypton	83-1						cps
Lead	207-1	189.22	191.81	199.53	193.52	2.77	ppb
Lead	208-1	195.41	197.97	205.81	199.73	2.71	ppb
Lead	206-1	199.76	203.18	214.41	205.78	3.72	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:48:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1239.89	1269.98	1266.84	1258.91	1.31	ppb
Manganese	55-2	96.71	97.32	98.79	97.61	1.09	ppb
Molybdenum	94-1	2425.81	2381.56	2541.64	2449.67	3.37	ppb
Molybdenum	95-1	2355.15	2398.70	2486.03	2413.29	2.76	ppb
Molybdenum	96-1	2397.96	2398.85	2475.10	2423.97	1.83	ppb
Molybdenum	97-1	2438.63	2458.13	2555.29	2484.01	2.52	ppb
Molybdenum	98-1	2410.48	2390.15	2500.58	2433.74	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.72	101.42	102.31	101.48	0.79	ppb
Phosphorus	31-2	-73.10	-33.62	11.83	-31.63		ppb
Potassium	39-2	2127.07	2120.24	2106.69	2118.00	0.49	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	200.50	210.34	219.10	209.98	4.43	ppb
Selenium	78-2	207.44	188.09	198.17	197.90	4.89	ppb
Selenium	82-1	199.16	202.11	206.02	202.43	1.70	ppb
Silicon	28-1	460.03	498.17	522.42	493.54	6.37	ppb
Silver	109-1	48.46	48.27	50.10	48.94	2.06	ppb
Silver	107-1	49.14	49.86	51.53	50.18	2.44	ppb
Sodium	23-2	2110.26	2135.63	2127.29	2124.39	0.61	ppb
Strontium	86-1	466.91	470.77	492.79	476.82	2.93	ppb
Strontium	88-1	465.95	485.18	490.81	480.65	2.71	ppb
Sulfur	34-1	-3032.48	-2665.28	-2298.48	-2665.41		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	204.24	208.51	221.01	211.25	4.12	ppb
Thallium	205-1	208.64	210.24	223.44	214.11	3.79	ppb
Tin	118-1	474.33	473.03	493.52	480.29	2.39	ppb
Titanium	47-1	2453.63	2458.78	2454.75	2455.72	0.11	ppb
Uranium	238-1	468.18	472.36	490.04	476.86	2.43	ppb
Vanadium	51-2	97.74	98.74	97.41	97.96	0.71	ppb
Yttrium	89-1				105		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:48:36	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	191.80	193.90	194.53	193.41	0.74	ppb
Zirconium	90-1	484.57	492.18	508.56	495.10	2.48	ppb
Zirconium	91-1	479.20	489.11	507.04	491.79	2.87	ppb

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:51:24 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.39	1.68	-2.07	-1.26		ppb
Antimony	121-1	0.07	0.06	0.04	0.06	21.01	ppb
Arsenic	75-2	-0.02	-0.02	0.02	0.00		ppb
Barium	135-1	0.08	0.00	0.00	0.02	197.91	ppb
Barium	137-1	0.07	0.02	-0.01	0.03	150.43	ppb
Beryllium	9-1	0.25	0.04	0.07	0.12	95.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	101.18	95.43	89.12	95.24	6.33	ppb
Boron	10-1	105.50	95.10	83.70	94.76	11.51	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.33	-0.78	0.93	-0.06		ppb
Cadmium	108-1	0.02	0.09	-0.11	0.00		ppb
Cadmium	111-1	0.01	-0.02	0.10	0.03	205.67	ppb
Calcium	43-1	37.67	-10.58	3.41	10.17	244.13	ppb
Calcium	44-1	63.21	18.21	14.86	32.09	84.14	ppb
Chromium	52-2	0.04	0.01	0.00	0.01	160.85	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.04	-0.01	0.01	187.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	-2.93	-1.37	1.48	-0.94		ppb
Iron	56-2	0.44	0.09	0.39	0.31	62.55	ppb
Iron	57-2	-0.28	2.13	-0.94	0.30	532.16	ppb
Krypton	83-1						cps
Lead	207-1	0.17	0.08	0.01	0.09	93.14	ppb
Lead	208-1	0.15	0.07	0.04	0.08	64.45	ppb
Lead	206-1	0.14	0.09	0.04	0.09	56.39	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:51:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-1.09	-0.78	-1.10	-0.99		ppb
Manganese	55-2	0.09	0.00	0.03	0.04	115.24	ppb
Molybdenum	94-1	0.93	0.44	0.24	0.53	66.65	ppb
Molybdenum	95-1	0.69	0.42	0.24	0.45	49.65	ppb
Molybdenum	96-1	0.69	0.44	0.32	0.48	38.84	ppb
Molybdenum	97-1	0.66	0.49	0.29	0.48	38.49	ppb
Molybdenum	98-1	0.81	0.49	0.32	0.54	45.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.03	0.05	40.14	ppb
Phosphorus	31-2	-38.71	-69.83	16.84	-30.56		ppb
Potassium	39-2	13.12	33.65	19.36	22.04	47.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	-0.59	-0.59	-0.59	-0.59		ppb
Selenium	78-2	0.26	1.12	2.71	1.36	90.84	ppb
Selenium	82-1	-1.21	1.62	-2.16	-0.58		ppb
Silicon	28-1	28.26	23.54	24.21	25.34	10.08	ppb
Silver	109-1	0.01	0.00	0.00	0.00	136.23	ppb
Silver	107-1	0.00	0.00	0.01	0.01	68.53	ppb
Sodium	23-2	54.76	49.50	26.47	43.58	34.52	ppb
Strontium	86-1	0.12	0.04	-0.03	0.05	155.75	ppb
Strontium	88-1	0.18	0.07	0.04	0.10	74.98	ppb
Sulfur	34-1	-2642.43	-2202.48	-2360.63	-2401.85		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.18	0.18	0.17	9.15	ppb
Thallium	205-1	0.19	0.15	0.15	0.16	11.98	ppb
Tin	118-1	0.15	0.16	0.11	0.14	18.15	ppb
Titanium	47-1	0.95	0.23	-0.15	0.34	164.03	ppb
Uranium	238-1	0.13	0.07	0.04	0.08	61.80	ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	348.08	ppb
Yttrium	89-1				102		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:51:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.20	0.07	0.14	0.13	46.22	ppb
Zirconium	90-1	0.09	0.08	0.03	0.07	48.55	ppb
Zirconium	91-1	0.13	0.05	0.01	0.07	91.64	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:54:15	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98699.58	99576.30	97227.75	98501.21	1.20	ppb
Antimony	121-1	1.08	1.13	1.22	1.14	6.03	ppb
Arsenic	75-2	0.24	0.36	0.31	0.31	19.22	ppb
Barium	135-1	1.58	1.33	1.40	1.44	8.88	ppb
Barium	137-1	1.35	1.63	1.32	1.43	12.12	ppb
Beryllium	9-1	0.38	0.40	0.35	0.37	6.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	11-1	68.77	65.19	63.30	65.75	4.22	ppb
Boron	10-1	66.44	61.81	57.44	61.90	7.27	ppb
Bromine	81-1						cps
Cadmium	106-1	1.77	-1.73	-2.27	-0.74		ppb
Cadmium	108-1	6.88	7.17	7.64	7.23	5.30	ppb
Cadmium	111-1	0.42	0.13	0.24	0.26	55.51	ppb
Calcium	43-1	104471.01	103400.55	105355.70	104409.09	0.94	ppb
Calcium	44-1	102892.52	103820.73	103966.17	103559.81	0.56	ppb
Chromium	52-2	20.01	19.95	19.01	19.66	2.84	ppb
Cobalt	59-2	1.25	1.14	1.17	1.18	5.04	ppb
Copper	63-2	7.82	7.61	7.60	7.68	1.63	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				104		%
Indium	115-2				99		%
Iron	54-2	110362.05	109634.15	106845.89	108947.36	1.70	ppb
Iron	56-2	112049.69	108864.97	105535.93	108816.86	2.99	ppb
Iron	57-2	109801.65	110703.74	107489.79	109331.73	1.52	ppb
Krypton	83-1						cps
Lead	207-1	4.13	4.26	4.23	4.21	1.71	ppb
Lead	208-1	4.26	4.52	4.47	4.42	3.15	ppb
Lead	206-1	4.41	4.71	4.84	4.65	4.65	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:54:15	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	103476.19	102869.96	99637.22	101994.46	2.02	ppb
Manganese	55-2	7.73	7.19	7.27	7.40	3.97	ppb
Molybdenum	94-1	1372.15	1392.03	1452.61	1405.60	2.98	ppb
Molybdenum	95-1	1929.59	1946.34	1982.70	1952.88	1.39	ppb
Molybdenum	96-1	1881.92	1873.43	1937.98	1897.78	1.85	ppb
Molybdenum	97-1	1970.00	1977.95	1997.08	1981.68	0.70	ppb
Molybdenum	98-1	1942.11	1957.98	1922.66	1940.92	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.37	5.75	5.55	3.44	ppb
Phosphorus	31-2	101114.94	99078.40	96292.53	98828.62	2.45	ppb
Potassium	39-2	106739.42	104246.70	102295.61	104427.24	2.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	1.16	-0.59	-0.59	-0.01		ppb
Selenium	78-2	2.67	-0.94	1.03	0.92	196.51	ppb
Selenium	82-1	-0.51	0.83	0.61	0.31	231.29	ppb
Silicon	28-1	33.67	27.57	35.19	32.14	12.55	ppb
Silver	109-1	0.01	0.01	0.02	0.02	25.65	ppb
Silver	107-1	0.01	0.01	0.02	0.01	13.61	ppb
Sodium	23-2	106206.21	104474.04	105074.80	105251.68	0.84	ppb
Strontium	86-1	34.00	33.64	35.23	34.29	2.43	ppb
Strontium	88-1	34.60	34.64	35.49	34.91	1.43	ppb
Sulfur	34-1	102926.08	103407.08	102857.73	103063.63	0.29	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.17	0.26	0.18	40.09	ppb
Thallium	205-1	0.14	0.22	0.21	0.19	23.85	ppb
Tin	118-1	0.32	0.28	0.40	0.33	17.64	ppb
Titanium	47-1	1970.10	1890.80	1947.11	1936.00	2.11	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	40.21	ppb
Vanadium	51-2	0.13	0.17	0.10	0.13	24.69	ppb
Yttrium	89-1				105		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:54:15	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	12.52	13.48	11.57	12.52	7.61	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	23.89	ppb
Zirconium	91-1	0.01	0.03	0.06	0.04	65.79	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95165.96	100614.12	100164.61	98648.23	3.07	ppb
Antimony	121-1	21.68	22.01	23.67	22.45	4.74	ppb
Arsenic	75-2	20.07	20.47	19.89	20.14	1.47	ppb
Barium	135-1	23.08	22.84	25.20	23.71	5.48	ppb
Barium	137-1	22.77	22.63	24.54	23.31	4.57	ppb
Beryllium	9-1	20.49	20.98	22.35	21.27	4.53	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	94.03	98.88	109.64	100.85	7.92	ppb
Boron	10-1	88.92	99.70	108.45	99.02	9.88	ppb
Bromine	81-1						cps
Cadmium	106-1	24.20	23.04	30.79	26.01	16.08	ppb
Cadmium	108-1	28.72	31.35	32.79	30.96	6.67	ppb
Cadmium	111-1	20.19	20.61	22.12	20.97	4.84	ppb
Calcium	43-1	107123.56	105708.51	116057.72	109629.93	5.12	ppb
Calcium	44-1	104942.77	106831.36	114480.53	108751.55	4.64	ppb
Chromium	52-2	39.45	39.68	40.18	39.77	0.93	ppb
Cobalt	59-2	21.04	20.78	21.83	21.22	2.57	ppb
Copper	63-2	27.76	28.46	28.55	28.25	1.52	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				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	106783.73	108574.35	111788.40	109048.83	2.33	ppb
Iron	56-2	104904.53	106792.37	109016.66	106904.52	1.93	ppb
Iron	57-2	104899.65	108394.67	110065.34	107786.55	2.45	ppb
Krypton	83-1						cps
Lead	207-1	23.65	24.12	26.12	24.63	5.33	ppb
Lead	208-1	24.12	24.41	26.74	25.09	5.71	ppb
Lead	206-1	24.97	25.19	28.05	26.07	6.60	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	100747.33	104089.98	106176.01	103671.11	2.64	ppb
Manganese	55-2	27.32	28.22	28.28	27.94	1.93	ppb
Molybdenum	94-1	1538.73	1531.43	1664.57	1578.24	4.74	ppb
Molybdenum	95-1	1993.68	1992.59	2164.08	2050.12	4.81	ppb
Molybdenum	96-1	1975.64	1972.32	2137.81	2028.59	4.66	ppb
Molybdenum	97-1	2069.27	2073.57	2291.67	2144.84	5.93	ppb
Molybdenum	98-1	2020.18	2011.07	2214.12	2081.79	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.66	25.64	26.40	25.90	1.67	ppb
Phosphorus	31-2	97752.95	98375.09	100762.89	98963.64	1.61	ppb
Potassium	39-2	103817.68	105769.52	105304.65	104963.95	0.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	13.21	16.53	14.84	14.86	11.18	ppb
Selenium	78-2	17.85	16.60	24.40	19.62	21.35	ppb
Selenium	82-1	18.17	22.07	19.90	20.05	9.76	ppb
Silicon	28-1	83.36	81.20	116.15	93.57	20.93	ppb
Silver	109-1	19.68	19.68	21.71	20.36	5.75	ppb
Silver	107-1	19.87	19.97	22.40	20.75	6.92	ppb
Sodium	23-2	102771.91	105218.85	107273.82	105088.19	2.14	ppb
Strontium	86-1	82.04	86.07	92.92	87.01	6.32	ppb
Strontium	88-1	86.06	86.76	95.32	89.38	5.77	ppb
Sulfur	34-1	102688.18	99794.61	114547.97	105676.92	7.40	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	20.41	21.06	23.01	21.49	6.30	ppb
Thallium	205-1	20.89	20.96	23.56	21.80	6.97	ppb
Tin	118-1	51.67	51.85	55.79	53.11	4.39	ppb
Titanium	47-1	2024.92	2044.52	2194.45	2087.96	4.44	ppb
Uranium	238-1	50.02	51.50	56.89	52.80	6.84	ppb
Vanadium	51-2	19.74	19.76	20.68	20.06	2.67	ppb
Yttrium	89-1				102		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	30.94	31.46	33.13	31.84	3.59	ppb
Zirconium	90-1	53.38	51.94	58.00	54.44	5.81	ppb
Zirconium	91-1	52.33	51.55	56.47	53.45	4.95	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55182.17	53980.68	53978.19	54380.35	1.28	ppb
Antimony	121-1	481.65	494.54	504.42	493.54	2.31	ppb
Arsenic	75-2	479.56	476.00	477.28	477.61	0.38	ppb
Barium	135-1	2441.35	2531.31	2532.70	2501.79	2.09	ppb
Barium	137-1	2417.42	2495.71	2485.30	2466.14	1.72	ppb
Beryllium	9-1	490.59	497.48	502.14	496.74	1.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	441.25	509.65	549.97	500.29	10.99	ppb
Boron	10-1	433.34	500.20	555.16	496.23	12.29	ppb
Bromine	81-1						cps
Cadmium	106-1	481.50	488.45	487.26	485.74	0.76	ppb
Cadmium	108-1	487.79	498.17	496.03	494.00	1.11	ppb
Cadmium	111-1	473.64	487.86	482.74	481.41	1.50	ppb
Calcium	43-1	248620.56	250426.72	254097.65	251048.31	1.11	ppb
Calcium	44-1	245761.17	245865.06	253049.82	248225.35	1.68	ppb
Chromium	52-2	497.29	494.33	489.38	493.67	0.81	ppb
Cobalt	59-2	480.50	475.88	479.49	478.62	0.51	ppb
Copper	63-2	957.64	938.59	942.47	946.23	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	130570.19	130888.55	127711.24	129723.33	1.35	ppb
Iron	56-2	130796.93	127654.82	128134.00	128861.92	1.31	ppb
Iron	57-2	131373.27	126959.69	126711.18	128348.05	2.04	ppb
Krypton	83-1						cps
Lead	207-1	472.37	487.34	481.19	480.30	1.57	ppb
Lead	208-1	481.58	495.71	491.53	489.61	1.48	ppb
Lead	206-1	477.24	495.25	488.14	486.88	1.86	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	253126.95	245485.15	245360.18	247990.76	1.79	ppb
Manganese	55-2	981.80	985.31	969.42	978.84	0.85	ppb
Molybdenum	94-1	2443.80	2468.83	2472.20	2461.61	0.63	ppb
Molybdenum	95-1	2438.83	2424.22	2422.93	2428.66	0.36	ppb
Molybdenum	96-1	2408.14	2498.03	2421.40	2442.52	1.99	ppb
Molybdenum	97-1	2429.16	2511.15	2477.12	2472.48	1.67	ppb
Molybdenum	98-1	2395.46	2426.35	2408.41	2410.07	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.15	483.33	477.51	482.66	1.01	ppb
Phosphorus	31-2	9800.39	9370.48	9623.51	9598.13	2.25	ppb
Potassium	39-2	129357.99	129929.96	129396.80	129561.59	0.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	499.02	452.70	498.13	483.28	5.48	ppb
Selenium	78-2	485.27	471.27	463.76	473.43	2.31	ppb
Selenium	82-1	479.47	470.59	479.90	476.66	1.10	ppb
Silicon	28-1	493.54	525.66	557.03	525.41	6.04	ppb
Silver	109-1	481.23	499.11	482.38	487.57	2.05	ppb
Silver	107-1	484.28	488.31	490.27	487.62	0.63	ppb
Sodium	23-2	248747.80	248827.65	245421.56	247665.67	0.78	ppb
Strontium	86-1	473.95	485.90	485.38	481.74	1.40	ppb
Strontium	88-1	481.15	494.29	484.59	486.68	1.40	ppb
Sulfur	34-1	4970.66	5742.05	5583.73	5432.15	7.50	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	483.66	503.58	490.87	492.70	2.05	ppb
Thallium	205-1	491.86	504.74	502.65	499.75	1.38	ppb
Tin	118-1	484.83	493.08	492.43	490.11	0.94	ppb
Titanium	47-1	2360.71	2406.35	2417.98	2395.01	1.26	ppb
Uranium	238-1	503.86	503.84	512.87	506.86	1.03	ppb
Vanadium	51-2	495.12	485.74	489.28	490.05	0.97	ppb
Yttrium	89-1				110		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	967.18	954.08	964.93	962.06	0.73	ppb
Zirconium	90-1	473.96	481.95	480.10	478.67	0.87	ppb
Zirconium	91-1	485.89	489.81	488.20	487.97	0.40	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:02:43	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.90	9.30	11.26	11.82	24.01	ppb
Antimony	121-1	0.11	0.09	0.15	0.12	24.95	ppb
Arsenic	75-2	0.07	0.05	0.03	0.05	45.75	ppb
Barium	135-1	0.35	0.24	0.30	0.30	18.82	ppb
Barium	137-1	0.36	0.34	0.34	0.35	2.65	ppb
Beryllium	9-1	0.11	0.17	0.13	0.14	23.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	79.65	74.92	71.18	75.25	5.64	ppb
Boron	10-1	81.44	73.03	70.80	75.09	7.48	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.99	-1.37	1.75	-0.21		ppb
Cadmium	108-1	0.09	0.42	0.02	0.18	120.71	ppb
Cadmium	111-1	0.09	-0.02	0.29	0.12	128.92	ppb
Calcium	43-1	55.97	14.82	29.44	33.41	62.44	ppb
Calcium	44-1	91.78	98.88	101.81	97.49	5.29	ppb
Chromium	52-2	0.12	0.17	-0.03	0.09	118.57	ppb
Cobalt	59-2	0.06	0.03	0.07	0.05	37.33	ppb
Copper	63-2	0.16	0.16	0.17	0.16	4.63	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				105		%
Indium	115-2				100		%
Iron	54-2	25.01	18.81	22.99	22.27	14.19	ppb
Iron	56-2	25.15	25.99	24.75	25.29	2.50	ppb
Iron	57-2	24.98	27.01	26.45	26.15	4.00	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.04	0.11	0.08	48.63	ppb
Lead	208-1	0.09	0.05	0.08	0.07	27.35	ppb
Lead	206-1	0.12	0.06	0.10	0.09	31.58	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:02:43	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	38.53	35.79	37.53	37.29	3.71	ppb
Manganese	55-2	0.13	0.08	0.20	0.14	42.53	ppb
Molybdenum	94-1	0.48	0.37	0.42	0.42	13.36	ppb
Molybdenum	95-1	0.44	0.41	0.51	0.45	11.07	ppb
Molybdenum	96-1	0.48	0.42	0.47	0.45	7.13	ppb
Molybdenum	97-1	0.53	0.49	0.49	0.50	5.32	ppb
Molybdenum	98-1	0.55	0.46	0.54	0.52	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.13	0.10	0.11	16.70	ppb
Phosphorus	31-2	-26.02	-16.97	-78.83	-40.61		ppb
Potassium	39-2	66.01	90.80	86.51	81.11	16.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	-0.59	-0.59	-0.59	-0.59		ppb
Selenium	78-2	0.70	1.76	0.96	1.14	48.41	ppb
Selenium	82-1	-0.93	0.55	1.86	0.49	282.89	ppb
Silicon	28-1	17.46	16.37	13.95	15.93	11.26	ppb
Silver	109-1	0.13	0.12	0.15	0.13	11.28	ppb
Silver	107-1	0.12	0.13	0.11	0.12	6.42	ppb
Sodium	23-2	93.27	90.44	120.83	101.51	16.54	ppb
Strontium	86-1	0.01	0.03	0.06	0.03	80.65	ppb
Strontium	88-1	0.08	0.07	0.08	0.08	7.45	ppb
Sulfur	34-1	-4441.49	-4004.83	-3740.34	-4062.22		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.25	0.28	0.30	17.66	ppb
Thallium	205-1	0.32	0.27	0.24	0.28	13.83	ppb
Tin	118-1	0.14	0.07	0.11	0.11	33.53	ppb
Titanium	47-1	0.32	0.62	0.15	0.36	64.95	ppb
Uranium	238-1	0.07	0.05	0.06	0.06	11.93	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	10.37	ppb
Yttrium	89-1				105		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:02:43	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.43	0.44	0.45	0.44	2.33	ppb
Zirconium	90-1	0.08	0.09	0.05	0.07	26.85	ppb
Zirconium	91-1	0.09	0.02	0.05	0.05	62.38	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11079.65	11292.84	11061.53	11144.67	1.15	ppb
Antimony	121-1	6.85	6.89	7.09	6.94	1.88	ppb
Arsenic	75-2	17.20	17.86	17.02	17.36	2.53	ppb
Barium	135-1	551.59	557.15	556.49	555.07	0.55	ppb
Barium	137-1	559.78	557.43	563.15	560.12	0.51	ppb
Beryllium	9-1	1.08	1.09	1.14	1.10	2.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	11-1	162.51	182.21	191.50	178.74	8.28	ppb
Boron	10-1	158.43	182.82	196.30	179.18	10.71	ppb
Bromine	81-1						cps
Cadmium	106-1	9.23	10.06	7.64	8.98	13.72	ppb
Cadmium	108-1	9.05	10.94	8.41	9.47	13.88	ppb
Cadmium	111-1	8.41	7.95	8.28	8.21	2.83	ppb
Calcium	43-1	140884.20	141352.17	143118.63	141785.00	0.83	ppb
Calcium	44-1	139751.69	141550.87	140214.74	140505.77	0.66	ppb
Chromium	52-2	104.20	102.36	102.52	103.02	0.99	ppb
Cobalt	59-2	13.36	13.49	13.48	13.44	0.55	ppb
Copper	63-2	396.28	401.17	394.04	397.17	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	29451.90	29764.42	29666.84	29627.72	0.54	ppb
Iron	56-2	30340.42	30592.27	29822.97	30251.89	1.30	ppb
Iron	57-2	29176.67	29299.16	29087.32	29187.72	0.36	ppb
Krypton	83-1						cps
Lead	207-1	1834.51	1841.79	1844.84	1840.38	0.29	ppb
Lead	208-1	1887.53	1882.40	1890.30	1886.74	0.21	ppb
Lead	206-1	1956.41	1938.63	1953.67	1949.57	0.49	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	15476.78	15483.10	15360.05	15439.97	0.45	ppb
Manganese	55-2	1364.61	1387.06	1370.41	1374.03	0.85	ppb
Molybdenum	94-1	5.59	5.74	6.06	5.80	4.17	ppb
Molybdenum	95-1	4.73	4.38	4.90	4.67	5.69	ppb
Molybdenum	96-1	4.79	5.04	5.11	4.98	3.35	ppb
Molybdenum	97-1	4.76	4.90	5.19	4.95	4.50	ppb
Molybdenum	98-1	4.65	5.04	5.15	4.95	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.72	79.01	78.45	78.73	0.35	ppb
Phosphorus	31-2	6620.02	7031.68	6462.54	6704.75	4.38	ppb
Potassium	39-2	8290.76	8312.07	8140.10	8247.64	1.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	77-2	15.53	20.05	15.33	16.97	15.74	ppb
Selenium	78-2	2.21	7.71	7.60	5.84	53.78	ppb
Selenium	82-1	2.40	3.20	2.49	2.70	16.33	ppb
Silicon	28-1	2075.93	2062.89	2129.91	2089.58	1.70	ppb
Silver	109-1	18.43	18.11	18.19	18.24	0.91	ppb
Silver	107-1	18.83	18.14	18.60	18.52	1.89	ppb
Sodium	23-2	14310.07	14212.81	14151.30	14224.72	0.56	ppb
Strontium	86-1	424.21	427.68	434.21	428.70	1.18	ppb
Strontium	88-1	432.19	433.41	435.63	433.75	0.40	ppb
Sulfur	34-1	20836.04	20991.93	21656.76	21161.57	2.06	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.35	0.42	0.43	0.40	11.06	ppb
Thallium	205-1	0.43	0.42	0.44	0.43	2.05	ppb
Tin	118-1	30.79	30.58	31.68	31.01	1.88	ppb
Titanium	47-1	194.35	189.30	190.61	191.42	1.37	ppb
Uranium	238-1	2.19	2.16	2.12	2.15	1.74	ppb
Vanadium	51-2	40.46	40.52	41.27	40.75	1.10	ppb
Yttrium	89-1				114		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	3898.64	3916.16	3866.90	3893.90	0.64	ppb
Zirconium	90-1	1.61	1.60	1.64	1.61	1.25	ppb
Zirconium	91-1	1.63	1.71	1.53	1.62	5.71	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:08:23	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10312.62	11247.03	10422.80	10660.82	4.79	ppb
Antimony	121-1	6.06	6.41	6.65	6.37	4.63	ppb
Arsenic	75-2	15.72	17.35	15.44	16.17	6.39	ppb
Barium	135-1	485.95	507.03	501.76	498.25	2.20	ppb
Barium	137-1	492.12	499.64	498.75	496.84	0.83	ppb
Beryllium	9-1	0.96	0.80	0.83	0.86	9.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	175.18	194.65	202.63	190.82	7.40	ppb
Boron	10-1	171.66	193.32	205.01	190.00	8.91	ppb
Bromine	81-1						cps
Cadmium	106-1	10.71	7.51	9.73	9.32	17.61	ppb
Cadmium	108-1	8.85	9.44	8.01	8.77	8.18	ppb
Cadmium	111-1	7.18	6.67	6.87	6.91	3.71	ppb
Calcium	43-1	133317.09	133182.59	132128.90	132876.19	0.49	ppb
Calcium	44-1	133633.55	130538.48	131991.03	132054.35	1.17	ppb
Chromium	52-2	83.78	91.04	84.55	86.46	4.62	ppb
Cobalt	59-2	11.88	12.41	11.73	12.01	2.98	ppb
Copper	63-2	551.99	601.46	551.99	568.48	5.02	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				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	26806.69	28995.55	27245.79	27682.68	4.18	ppb
Iron	56-2	27275.52	29966.42	26936.55	28059.50	5.92	ppb
Iron	57-2	26498.10	29051.56	26450.88	27333.51	5.44	ppb
Krypton	83-1						cps
Lead	207-1	1493.28	1535.17	1511.21	1513.22	1.39	ppb
Lead	208-1	1533.79	1544.18	1548.16	1542.04	0.48	ppb
Lead	206-1	1620.04	1609.74	1620.34	1616.71	0.37	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:08:23	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	13640.85	14672.03	13661.07	13991.32	4.21	ppb
Manganese	55-2	1200.56	1338.44	1219.69	1252.89	5.96	ppb
Molybdenum	94-1	6.33	6.15	6.66	6.38	4.10	ppb
Molybdenum	95-1	4.37	4.40	4.64	4.47	3.27	ppb
Molybdenum	96-1	4.97	4.55	4.87	4.80	4.61	ppb
Molybdenum	97-1	4.54	4.37	4.60	4.50	2.58	ppb
Molybdenum	98-1	4.12	4.44	4.51	4.36	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.36	88.44	82.55	84.45	4.09	ppb
Phosphorus	31-2	6167.29	7064.46	6625.80	6619.19	6.78	ppb
Potassium	39-2	8381.56	9072.43	8339.20	8597.73	4.79	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	15.51	11.88	20.82	16.07	27.97	ppb
Selenium	78-2	3.77	6.19	3.87	4.61	29.73	ppb
Selenium	82-1	3.43	1.28	2.97	2.56	44.19	ppb
Silicon	28-1	1887.80	1859.42	1879.73	1875.65	0.78	ppb
Silver	109-1	7.16	7.40	7.31	7.29	1.65	ppb
Silver	107-1	7.34	7.57	7.38	7.43	1.69	ppb
Sodium	23-2	16985.97	18299.93	17066.69	17450.87	4.22	ppb
Strontium	86-1	409.54	412.99	415.91	412.81	0.77	ppb
Strontium	88-1	414.07	416.82	425.67	418.85	1.45	ppb
Sulfur	34-1	23330.84	22684.01	22619.38	22878.08	1.72	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.27	0.33	0.30	11.46	ppb
Thallium	205-1	0.31	0.30	0.28	0.30	6.64	ppb
Tin	118-1	858.14	867.55	871.15	865.62	0.78	ppb
Titanium	47-1	194.72	188.00	190.51	191.08	1.78	ppb
Uranium	238-1	2.15	2.05	2.02	2.07	3.26	ppb
Vanadium	51-2	38.08	40.73	37.36	38.72	4.58	ppb
Yttrium	89-1				111		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:08:23	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	3379.01	3708.50	3430.44	3505.98	5.06	ppb
Zirconium	90-1	2.21	2.17	2.07	2.15	3.29	ppb
Zirconium	91-1	2.22	2.33	2.32	2.29	2.82	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7450.91	7193.87	7316.90	7320.56	1.76	ppb
Antimony	121-1	8.82	9.11	8.95	8.96	1.64	ppb
Arsenic	75-2	35.27	33.72	35.30	34.76	2.60	ppb
Barium	135-1	394.75	401.41	409.53	401.90	1.84	ppb
Barium	137-1	400.98	405.04	406.95	404.32	0.75	ppb
Beryllium	9-1	0.51	0.55	0.51	0.52	4.46	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	11-1	241.53	267.84	285.17	264.85	8.30	ppb
Boron	10-1	251.48	269.41	289.32	270.07	7.01	ppb
Bromine	81-1						cps
Cadmium	106-1	4.34	7.30	3.61	5.08	38.42	ppb
Cadmium	108-1	5.09	6.28	5.83	5.73	10.46	ppb
Cadmium	111-1	3.73	4.08	4.00	3.94	4.69	ppb
Calcium	43-1	67999.44	69632.11	67932.51	68521.35	1.40	ppb
Calcium	44-1	66992.79	68482.43	66477.19	67317.47	1.55	ppb
Chromium	52-2	56.69	55.54	55.53	55.92	1.20	ppb
Cobalt	59-2	6.14	6.35	6.19	6.23	1.76	ppb
Copper	63-2	263.53	264.01	265.35	264.30	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	14204.86	13877.00	14250.95	14110.94	1.45	ppb
Iron	56-2	14473.40	13986.44	14222.93	14227.59	1.71	ppb
Iron	57-2	14365.14	13800.78	14139.75	14101.89	2.01	ppb
Krypton	83-1						cps
Lead	207-1	706.44	725.03	743.97	725.14	2.59	ppb
Lead	208-1	717.62	746.22	749.69	737.84	2.39	ppb
Lead	206-1	718.98	757.25	739.65	738.63	2.59	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	8581.42	8361.80	8417.01	8453.41	1.35	ppb
Manganese	55-2	554.49	541.22	549.66	548.46	1.22	ppb
Molybdenum	94-1	11.67	13.84	11.32	12.28	11.14	ppb
Molybdenum	95-1	2.45	2.72	2.69	2.62	5.78	ppb
Molybdenum	96-1	3.46	3.73	3.68	3.62	3.92	ppb
Molybdenum	97-1	2.64	2.55	2.51	2.56	2.70	ppb
Molybdenum	98-1	2.64	2.71	2.70	2.68	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.83	101.78	104.33	103.65	1.58	ppb
Phosphorus	31-2	4789.80	4962.15	5013.19	4921.71	2.38	ppb
Potassium	39-2	13886.27	13231.06	13776.25	13631.19	2.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	9.37	10.89	7.80	9.35	16.49	ppb
Selenium	78-2	3.96	0.77	2.15	2.29	69.68	ppb
Selenium	82-1	0.86	-0.83	1.79	0.60	220.01	ppb
Silicon	28-1	1321.16	1333.99	1300.32	1318.49	1.29	ppb
Silver	109-1	2.49	2.57	2.47	2.51	2.09	ppb
Silver	107-1	2.47	2.51	2.55	2.51	1.61	ppb
Sodium	23-2	53297.58	51832.67	52940.98	52690.41	1.45	ppb
Strontium	86-1	174.39	179.22	176.81	176.80	1.37	ppb
Strontium	88-1	174.38	183.67	182.40	180.15	2.80	ppb
Sulfur	34-1	14585.53	14687.44	13674.64	14315.87	3.90	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.16	0.21	0.17	18.54	ppb
Thallium	205-1	0.19	0.20	0.18	0.19	4.33	ppb
Tin	118-1	14.41	14.89	15.05	14.79	2.26	ppb
Titanium	47-1	133.55	136.25	141.42	137.08	2.92	ppb
Uranium	238-1	1.53	1.63	1.62	1.59	3.46	ppb
Vanadium	51-2	23.07	22.00	22.35	22.47	2.42	ppb
Yttrium	89-1				112		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1461.28	1437.62	1448.52	1449.14	0.82	ppb
Zirconium	90-1	7.14	7.30	6.47	6.97	6.34	ppb
Zirconium	91-1	5.86	8.36	8.54	7.59	19.70	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2363.88	2215.71	2179.94	2253.18	4.33	ppb
Antimony	121-1	1.40	1.33	1.37	1.37	2.63	ppb
Arsenic	75-2	3.93	3.63	3.64	3.73	4.61	ppb
Barium	135-1	105.66	106.56	108.96	107.06	1.59	ppb
Barium	137-1	106.88	108.97	108.01	107.96	0.97	ppb
Beryllium	9-1	0.23	0.22	0.25	0.23	7.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	11-1	86.03	85.86	88.20	86.70	1.51	ppb
Boron	10-1	83.60	87.49	90.31	87.13	3.86	ppb
Bromine	81-1						cps
Cadmium	106-1	2.39	0.13	2.66	1.73	80.58	ppb
Cadmium	108-1	1.54	2.10	2.18	1.94	18.10	ppb
Cadmium	111-1	1.74	1.52	1.68	1.65	7.08	ppb
Calcium	43-1	27595.55	27428.60	27776.39	27600.18	0.63	ppb
Calcium	44-1	27107.52	27202.58	27466.46	27258.85	0.68	ppb
Chromium	52-2	21.96	21.15	19.99	21.03	4.71	ppb
Cobalt	59-2	2.94	2.72	2.55	2.74	7.14	ppb
Copper	63-2	84.69	82.19	78.68	81.85	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	54-2	6377.42	5998.27	5722.58	6032.76	5.45	ppb
Iron	56-2	6432.57	6119.29	5944.25	6165.37	4.01	ppb
Iron	57-2	6121.08	5831.30	5827.10	5926.49	2.84	ppb
Krypton	83-1						cps
Lead	207-1	350.89	342.60	348.07	347.19	1.21	ppb
Lead	208-1	365.74	361.42	361.92	363.03	0.65	ppb
Lead	206-1	377.96	372.76	372.70	374.47	0.81	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	3332.84	3104.89	2965.67	3134.47	5.91	ppb
Manganese	55-2	294.18	277.83	266.50	279.50	4.98	ppb
Molybdenum	94-1	1.30	1.11	1.22	1.21	7.98	ppb
Molybdenum	95-1	0.99	0.90	0.98	0.96	5.28	ppb
Molybdenum	96-1	1.00	0.91	0.93	0.95	5.41	ppb
Molybdenum	97-1	0.94	1.04	1.02	1.00	5.10	ppb
Molybdenum	98-1	0.97	0.92	0.98	0.96	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.57	16.21	14.78	15.85	5.99	ppb
Phosphorus	31-2	1433.38	1103.75	1264.72	1267.28	13.01	ppb
Potassium	39-2	1740.74	1642.76	1589.85	1657.78	4.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	1.32	-0.59	4.64	1.79	147.55	ppb
Selenium	78-2	1.41	1.35	1.72	1.49	13.53	ppb
Selenium	82-1	0.59	-0.78	-0.54	-0.24		ppb
Silicon	28-1	439.25	416.07	406.09	420.47	4.05	ppb
Silver	109-1	3.41	3.62	3.60	3.54	3.17	ppb
Silver	107-1	3.60	3.35	3.61	3.52	4.11	ppb
Sodium	23-2	3207.41	2948.69	2871.50	3009.20	5.85	ppb
Strontium	86-1	86.93	82.99	87.00	85.64	2.68	ppb
Strontium	88-1	87.83	85.90	88.18	87.30	1.41	ppb
Sulfur	34-1	1011.67	351.48	-380.19	327.65	212.49	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.08	0.09	0.08	18.86	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	15.11	ppb
Tin	118-1	6.13	5.80	6.05	5.99	2.88	ppb
Titanium	47-1	38.69	37.27	36.73	37.56	2.68	ppb
Uranium	238-1	0.41	0.44	0.38	0.41	6.72	ppb
Vanadium	51-2	8.31	8.11	7.78	8.07	3.30	ppb
Yttrium	89-1				106		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	840.41	790.74	755.03	795.40	5.39	ppb
Zirconium	90-1	0.31	0.30	0.31	0.31	1.34	ppb
Zirconium	91-1	0.32	0.26	0.34	0.31	14.21	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5214.50	5130.80	5103.93	5149.74	1.12	ppb
Antimony	121-1	3.21	3.41	3.38	3.33	3.17	ppb
Arsenic	75-2	7.74	7.83	8.28	7.95	3.63	ppb
Barium	135-1	247.25	253.14	246.37	248.92	1.48	ppb
Barium	137-1	249.19	251.18	245.33	248.57	1.20	ppb
Beryllium	9-1	0.38	0.48	0.46	0.44	12.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	101.74	109.43	117.11	109.42	7.02	ppb
Boron	10-1	100.43	111.67	118.54	110.21	8.30	ppb
Bromine	81-1						cps
Cadmium	106-1	4.45	4.99	3.55	4.33	16.71	ppb
Cadmium	108-1	4.32	3.72	3.21	3.75	14.78	ppb
Cadmium	111-1	3.28	3.58	3.37	3.41	4.40	ppb
Calcium	43-1	65315.49	66030.73	65383.12	65576.45	0.60	ppb
Calcium	44-1	64540.09	65466.71	65314.89	65107.23	0.76	ppb
Chromium	52-2	41.46	42.34	41.37	41.72	1.29	ppb
Cobalt	59-2	5.67	5.76	5.65	5.69	1.07	ppb
Copper	63-2	271.71	276.75	274.57	274.34	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	13331.91	13369.47	13382.56	13361.31	0.20	ppb
Iron	56-2	13479.40	13220.65	13362.93	13354.33	0.97	ppb
Iron	57-2	13259.37	13156.38	13104.63	13173.46	0.60	ppb
Krypton	83-1						cps
Lead	207-1	744.89	729.98	739.21	738.02	1.02	ppb
Lead	208-1	771.52	776.86	777.30	775.23	0.41	ppb
Lead	206-1	816.92	797.92	824.22	813.02	1.67	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	6833.79	6679.98	6565.49	6693.09	2.01	ppb
Manganese	55-2	588.93	592.61	597.16	592.90	0.69	ppb
Molybdenum	94-1	3.17	3.14	2.96	3.09	3.68	ppb
Molybdenum	95-1	2.15	2.24	2.13	2.18	2.78	ppb
Molybdenum	96-1	2.26	2.33	2.24	2.28	2.10	ppb
Molybdenum	97-1	2.25	2.24	2.14	2.21	2.79	ppb
Molybdenum	98-1	2.20	2.33	2.15	2.23	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.00	41.22	42.05	41.76	1.12	ppb
Phosphorus	31-2	3205.82	3542.21	3290.82	3346.28	5.23	ppb
Potassium	39-2	4120.01	4091.96	4150.29	4120.75	0.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	16.28	12.91	7.87	12.35	34.23	ppb
Selenium	78-2	3.09	4.14	2.97	3.40	18.94	ppb
Selenium	82-1	4.37	1.50	1.63	2.50	64.80	ppb
Silicon	28-1	949.23	936.76	912.41	932.80	2.01	ppb
Silver	109-1	3.78	3.81	3.72	3.77	1.19	ppb
Silver	107-1	3.74	3.76	3.61	3.70	2.16	ppb
Sodium	23-2	8409.24	8312.78	8395.61	8372.54	0.62	ppb
Strontium	86-1	201.10	203.88	208.81	204.60	1.91	ppb
Strontium	88-1	208.74	212.86	209.76	210.45	1.02	ppb
Sulfur	34-1	9029.21	8396.37	8015.77	8480.45	6.04	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.13	0.11	0.13	17.84	ppb
Thallium	205-1	0.12	0.13	0.09	0.11	20.21	ppb
Tin	118-1	440.67	440.23	438.63	439.84	0.24	ppb
Titanium	47-1	95.79	96.23	94.53	95.52	0.92	ppb
Uranium	238-1	1.05	1.01	1.01	1.02	2.26	ppb
Vanadium	51-2	18.50	18.68	17.93	18.37	2.13	ppb
Yttrium	89-1				110		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1704.35	1720.64	1684.96	1703.32	1.05	ppb
Zirconium	90-1	1.07	1.04	1.11	1.08	3.14	ppb
Zirconium	91-1	0.93	1.04	1.06	1.01	6.86	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3897.52	3888.30	3791.38	3859.07	1.52	ppb
Antimony	121-1	4.80	4.63	4.54	4.66	2.86	ppb
Arsenic	75-2	18.00	18.21	17.68	17.96	1.49	ppb
Barium	135-1	203.42	211.63	210.64	208.56	2.15	ppb
Barium	137-1	210.11	213.04	213.78	212.31	0.91	ppb
Beryllium	9-1	0.36	0.25	0.25	0.29	21.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	11-1	135.09	148.52	157.56	147.06	7.69	ppb
Boron	10-1	137.23	147.26	156.68	147.05	6.61	ppb
Bromine	81-1						cps
Cadmium	106-1	2.27	2.41	1.27	1.98	31.35	ppb
Cadmium	108-1	2.37	2.46	1.80	2.21	16.36	ppb
Cadmium	111-1	1.91	2.13	1.88	1.97	7.11	ppb
Calcium	43-1	34480.77	35559.01	35817.60	35285.79	2.01	ppb
Calcium	44-1	34299.93	35436.38	36755.48	35497.26	3.46	ppb
Chromium	52-2	29.93	29.31	29.77	29.67	1.08	ppb
Cobalt	59-2	3.97	3.82	3.68	3.82	3.87	ppb
Copper	63-2	148.52	147.72	146.43	147.56	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				108		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	7516.02	7448.79	7307.99	7424.27	1.43	ppb
Iron	56-2	7606.63	7609.22	7552.02	7589.29	0.43	ppb
Iron	57-2	7493.80	7338.00	7299.68	7377.16	1.39	ppb
Krypton	83-1						cps
Lead	207-1	373.98	377.05	382.20	377.75	1.10	ppb
Lead	208-1	382.82	387.37	389.87	386.69	0.92	ppb
Lead	206-1	383.45	390.89	384.18	386.18	1.06	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	4515.85	4451.66	4454.88	4474.13	0.81	ppb
Manganese	55-2	288.25	283.57	284.77	285.53	0.85	ppb
Molybdenum	94-1	5.72	6.37	6.32	6.13	5.92	ppb
Molybdenum	95-1	1.48	1.32	1.49	1.43	6.74	ppb
Molybdenum	96-1	1.82	1.87	1.88	1.86	1.58	ppb
Molybdenum	97-1	1.41	1.33	1.35	1.36	2.94	ppb
Molybdenum	98-1	1.47	1.30	1.49	1.42	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.36	73.36	71.16	72.96	2.24	ppb
Phosphorus	31-2	2451.86	2226.75	2488.05	2388.89	5.93	ppb
Potassium	39-2	7187.60	6963.34	7028.35	7059.76	1.63	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	2.84	2.84	6.12	3.93	48.26	ppb
Selenium	78-2	3.39	3.54	0.66	2.53	64.15	ppb
Selenium	82-1	-0.51	-0.93	0.79	-0.22		ppb
Silicon	28-1	650.55	697.81	697.45	681.93	3.99	ppb
Silver	109-1	1.31	1.27	1.30	1.29	1.47	ppb
Silver	107-1	1.31	1.33	1.36	1.33	1.89	ppb
Sodium	23-2	28403.92	28482.83	28004.29	28297.01	0.91	ppb
Strontium	86-1	90.30	94.63	91.37	92.10	2.45	ppb
Strontium	88-1	94.18	95.77	94.42	94.79	0.90	ppb
Sulfur	34-1	4464.74	5034.57	5818.45	5105.92	13.31	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.06	0.07	0.06	6.77	ppb
Thallium	205-1	0.07	0.07	0.08	0.08	6.08	ppb
Tin	118-1	7.36	7.71	7.84	7.64	3.22	ppb
Titanium	47-1	69.24	72.99	72.17	71.47	2.76	ppb
Uranium	238-1	0.84	0.84	0.84	0.84	0.29	ppb
Vanadium	51-2	12.11	11.47	11.62	11.74	2.85	ppb
Yttrium	89-1				109		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	769.09	755.73	744.12	756.31	1.65	ppb
Zirconium	90-1	3.83	3.39	3.42	3.55	6.96	ppb
Zirconium	91-1	3.32	3.28	3.09	3.23	3.80	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:25:24	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55852.53	54541.77	53952.86	54782.39	1.78	ppb
Antimony	121-1	484.70	482.21	493.67	486.86	1.24	ppb
Arsenic	75-2	474.06	475.31	475.35	474.91	0.16	ppb
Barium	135-1	2464.56	2405.13	2457.54	2442.41	1.33	ppb
Barium	137-1	2460.98	2407.03	2459.41	2442.47	1.26	ppb
Beryllium	9-1	477.19	496.57	497.92	490.56	2.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	493.04	545.12	584.08	540.74	8.45	ppb
Boron	10-1	495.85	553.40	581.75	543.67	8.05	ppb
Bromine	81-1						cps
Cadmium	106-1	474.56	474.65	476.97	475.39	0.29	ppb
Cadmium	108-1	473.75	478.23	481.72	477.90	0.84	ppb
Cadmium	111-1	472.45	468.57	475.32	472.11	0.72	ppb
Calcium	43-1	244109.61	253244.01	243102.00	246818.54	2.26	ppb
Calcium	44-1	245498.48	247302.73	245071.52	245957.58	0.48	ppb
Chromium	52-2	496.35	482.93	487.84	489.04	1.39	ppb
Cobalt	59-2	482.09	471.65	473.38	475.71	1.18	ppb
Copper	63-2	956.00	933.29	940.79	943.36	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	132385.77	129485.72	130165.80	130679.10	1.16	ppb
Iron	56-2	132315.17	127244.58	128846.32	129468.69	2.00	ppb
Iron	57-2	132680.30	127553.17	129588.06	129940.51	1.99	ppb
Krypton	83-1						cps
Lead	207-1	485.74	486.20	471.23	481.06	1.77	ppb
Lead	208-1	493.59	498.67	485.05	492.44	1.40	ppb
Lead	206-1	491.52	493.92	472.39	485.94	2.43	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:25:24	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	253328.96	251366.02	251204.27	251966.42	0.47	ppb
Manganese	55-2	975.31	963.15	972.99	970.49	0.67	ppb
Molybdenum	94-1	2434.53	2438.17	2448.90	2440.53	0.31	ppb
Molybdenum	95-1	2453.61	2412.54	2439.77	2435.31	0.86	ppb
Molybdenum	96-1	2423.73	2392.01	2460.97	2425.57	1.42	ppb
Molybdenum	97-1	2454.01	2481.41	2485.55	2473.66	0.69	ppb
Molybdenum	98-1	2380.70	2396.81	2468.85	2415.46	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.04	482.86	481.56	484.49	0.83	ppb
Phosphorus	31-2	9489.39	9814.86	9641.48	9648.58	1.69	ppb
Potassium	39-2	127336.09	126422.39	128359.04	127372.51	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	77-2	486.38	504.23	487.15	492.59	2.05	ppb
Selenium	78-2	480.85	468.52	473.89	474.42	1.30	ppb
Selenium	82-1	464.70	488.67	483.55	478.97	2.64	ppb
Silicon	28-1	510.51	568.72	562.70	547.31	5.85	ppb
Silver	109-1	480.52	474.46	485.18	480.05	1.12	ppb
Silver	107-1	477.95	475.14	480.28	477.79	0.54	ppb
Sodium	23-2	257226.75	252227.26	254782.38	254745.47	0.98	ppb
Strontium	86-1	473.22	478.97	488.45	480.22	1.60	ppb
Strontium	88-1	486.88	482.76	492.91	487.52	1.05	ppb
Sulfur	34-1	7369.72	8199.52	6918.13	7495.79	8.67	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	496.46	503.20	486.00	495.22	1.75	ppb
Thallium	205-1	499.67	501.00	490.09	496.92	1.20	ppb
Tin	118-1	481.97	471.24	480.47	477.89	1.22	ppb
Titanium	47-1	2324.60	2468.98	2363.24	2385.61	3.13	ppb
Uranium	238-1	509.89	519.37	510.16	513.14	1.05	ppb
Vanadium	51-2	491.80	484.39	493.01	489.74	0.95	ppb
Yttrium	89-1				109		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:25:24	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	969.22	941.74	952.19	954.38	1.45	ppb
Zirconium	90-1	472.63	484.84	482.89	480.12	1.37	ppb
Zirconium	91-1	476.78	478.57	483.21	479.52	0.69	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:29:19	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	0.78	-2.68	1.14	351.17	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	20.50	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.01	219.95	ppb
Barium	135-1	0.10	0.12	0.11	0.11	9.60	ppb
Barium	137-1	0.09	0.05	0.09	0.08	27.26	ppb
Beryllium	9-1	0.15	0.12	0.09	0.12	21.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	79.75	75.94	74.51	76.73	3.53	ppb
Boron	10-1	80.16	72.61	72.57	75.11	5.82	ppb
Bromine	81-1						cps
Cadmium	106-1	0.19	0.52	-1.77	-0.35		ppb
Cadmium	108-1	0.02	-0.04	0.09	0.02	295.41	ppb
Cadmium	111-1	0.11	0.09	-0.05	0.05	166.77	ppb
Calcium	43-1	14.62	-0.68	6.01	6.65	115.34	ppb
Calcium	44-1	36.58	52.65	53.85	47.70	20.22	ppb
Chromium	52-2	-0.01	0.03	-0.12	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	7.44	ppb
Copper	63-2	0.08	0.15	0.07	0.10	43.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	7.19	6.50	2.75	5.48	43.56	ppb
Iron	56-2	8.29	7.53	7.21	7.68	7.22	ppb
Iron	57-2	9.33	7.62	5.93	7.62	22.28	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.03	0.05	0.04	32.70	ppb
Lead	208-1	0.05	0.05	0.04	0.04	7.02	ppb
Lead	206-1	0.08	0.11	0.05	0.08	42.87	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:29:19	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	10.61	12.17	9.26	10.68	13.67	ppb
Manganese	55-2	0.07	0.01	0.00	0.03	151.33	ppb
Molybdenum	94-1	0.14	0.23	0.09	0.15	46.18	ppb
Molybdenum	95-1	0.13	0.15	0.18	0.15	15.90	ppb
Molybdenum	96-1	0.16	0.20	0.14	0.17	17.98	ppb
Molybdenum	97-1	0.13	0.16	0.18	0.16	17.44	ppb
Molybdenum	98-1	0.17	0.16	0.18	0.17	6.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.12	0.06	0.11	39.89	ppb
Phosphorus	31-2	-60.83	-46.25	-30.59	-45.89		ppb
Potassium	39-2	54.82	24.66	35.50	38.33	39.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-0.59	1.20	-0.59	0.01	13230.42	ppb
Selenium	78-2	3.35	1.96	2.43	2.58	27.55	ppb
Selenium	82-1	0.38	-1.70	-0.67	-0.66		ppb
Silicon	28-1	7.96	7.69	8.89	8.18	7.65	ppb
Silver	109-1	0.04	0.05	0.03	0.04	17.94	ppb
Silver	107-1	0.03	0.04	0.03	0.03	20.24	ppb
Sodium	23-2	96.77	80.33	91.51	89.54	9.38	ppb
Strontium	86-1	0.06	-0.19	0.06	-0.02		ppb
Strontium	88-1	0.03	0.03	0.02	0.03	3.45	ppb
Sulfur	34-1	-2766.10	-2143.00	-2533.95	-2481.01		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.13	0.13	0.13	3.76	ppb
Thallium	205-1	0.13	0.11	0.15	0.13	12.09	ppb
Tin	118-1	0.05	0.05	0.04	0.05	20.02	ppb
Titanium	47-1	-0.34	-0.48	0.12	-0.23		ppb
Uranium	238-1	0.02	0.03	0.02	0.02	21.13	ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	521.04	ppb
Yttrium	89-1				102		%

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:29:19	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.37	0.48	0.14	0.33	52.65	ppb
Zirconium	90-1	0.04	0.01	0.03	0.03	49.42	ppb
Zirconium	91-1	0.02	0.05	0.02	0.03	59.17	ppb

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	343	390	372	6.78	cps
Antimony	121-1	33	8	25	22	57.29	cps
Arsenic	75-2	7	5	4	5	28.64	cps
Barium	135-1	8	0	25	11	114.58	cps
Barium	137-1	33	42	50	42	20.00	cps
Beryllium	9-1	12	12	16	13	17.32	cps
Bismuth	209-1	2471185	2811403	2854630	2712406	7.74	cps
Bismuth	209-2	1611673	1617682	1658015	1629123	1.55	cps
Boron	11-1	172	198	192	187	7.27	cps
Boron	10-1	50	52	42	48	11.03	cps
Bromine	81-1	3033	3084	2893	3003	3.28	cps
Cadmium	106-1	842	1058	1042	981	12.30	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Cadmium	111-1	595	742	720	686	11.62	cps
Calcium	43-1	258	375	300	311	19.00	cps
Calcium	44-1	32262	32571	32780	32537	0.80	cps
Chromium	52-2	1653	1737	1717	1702	2.56	cps
Cobalt	59-2	63	40	60	54	23.18	cps
Copper	63-2	173	190	200	188	7.17	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3993474	4563970	4644066	4400503	8.06	cps
Holmium	165-2	2433421	2367386	2404331	2401713	1.38	cps
Indium	115-1	3456575	3967634	4025380	3816530	8.20	cps
Indium	115-2	731634	729320	730440	730465	0.16	cps
Iron	54-2	628	494	467	530	16.26	cps
Iron	56-2	3323	3250	3450	3341	3.03	cps
Iron	57-2	144	128	83	119	26.65	cps
Krypton	83-1	850	820	783	818	4.08	cps
Lead	207-1	222	239	233	231	3.67	cps
Lead	208-1	1111	1000	1256	1122	11.42	cps
Lead	206-1	300	172	228	233	27.46	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	454698	508355	510651	491235	6.45	cps
Magnesium	24-2	375	333	350	353	5.94	cps
Manganese	55-2	140	77	87	101	33.67	cps
Molybdenum	94-1	75	117	133	108	27.74	cps
Molybdenum	95-1	17	33	67	39	65.47	cps
Molybdenum	96-1	158	83	75	106	43.48	cps
Molybdenum	97-1	17	25	17	19	24.73	cps
Molybdenum	98-1	33	33	8	25	57.74	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	90	50	68	30.05	cps
Phosphorus	31-2	58	167	83	103	55.19	cps
Potassium	39-2	17937	17728	17811	17825	0.59	cps
Rhodium	103-1	3381544	3835483	3908951	3708659	7.70	cps
Rhodium	103-2	2060011	2035707	2024160	2039959	0.90	cps
Scandium	45-1	1781426	2030305	2077371	1963034	8.10	cps
Scandium	45-2	78473	76905	77896	77758	1.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	38	58	45	24.31	cps
Selenium	82-1	14	-39	60	12	415.54	cps
Silicon	28-1	346729	350246	349650	348875	0.54	cps
Silver	109-1	17	33	17	22	43.28	cps
Silver	107-1	50	17	17	28	69.27	cps
Sodium	23-2	30766	31727	32069	31521	2.14	cps
Strontium	86-1	1267	1033	1442	1247	16.43	cps
Strontium	88-1	58	125	100	94	35.66	cps
Sulfur	34-1	276111	278743	276382	277079	0.52	cps
Terbium	159-1	4230759	4830222	4893524	4651502	7.86	cps
Terbium	159-2	2369748	2319091	2388366	2359068	1.52	cps
Thallium	203-1	75	8	67	50	72.65	cps
Thallium	205-1	83	100	133	106	24.12	cps
Tin	118-1	267	175	225	222	20.65	cps
Titanium	47-1	750	717	708	725	3.04	cps
Uranium	238-1	33	25	33	31	15.74	cps
Vanadium	51-2	30	23	27	27	12.51	cps
Yttrium	89-1	4585704	5250099	5174737	5003513	7.27	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:18:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	666843	663507	663548	664633	0.29	cps
Zinc	66-2	70	67	63	67	5.00	cps
Zirconium	90-1	200	275	250	242	15.80	cps
Zirconium	91-1	67	58	58	61	7.87	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	593	657	644	7.17	cps
Antimony	121-1	7436	7561	7194	7397	2.52	cps
Arsenic	75-2	135	127	140	134	4.90	cps
Barium	135-1	7744	8411	8003	8053	4.18	cps
Barium	137-1	14525	14400	14583	14503	0.65	cps
Beryllium	9-1	370	416	384	390	6.05	cps
Bismuth	209-1	2747985	2784959	2783960	2772301	0.76	cps
Bismuth	209-2	1700410	1617566	1670918	1662965	2.53	cps
Boron	11-1	2594	2758	3164	2838	10.34	cps
Boron	10-1	564	566	680	603	11.01	cps
Bromine	81-1	3144	2933	2973	3017	3.70	cps
Cadmium	106-1	933	892	1092	972	10.85	cps
Cadmium	108-1	71	63	42	58	25.75	cps
Cadmium	111-1	1496	1485	1543	1508	2.07	cps
Calcium	43-1	3801	3684	3984	3823	3.96	cps
Calcium	44-1	96892	94585	92925	94801	2.10	cps
Chromium	52-2	3607	3470	3570	3549	1.99	cps
Cobalt	59-2	1747	1717	1803	1756	2.51	cps
Copper	63-2	2787	2807	2754	2783	0.97	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	4531218	4570087	4578163	4559822	0.55	cps
Holmium	165-2	2452591	2432486	2407826	2430967	0.92	cps
Indium	115-1	4040102	4112656	4043333	4065364	1.01	cps
Indium	115-2	740279	723452	737898	733876	1.24	cps
Iron	54-2	2823	2645	2628	2698	3.99	cps
Iron	56-2	40876	40575	40335	40595	0.67	cps
Iron	57-2	983	1172	883	1013	14.48	cps
Krypton	83-1	827	780	877	828	5.84	cps
Lead	207-1	2150	2034	1961	2048	4.65	cps
Lead	208-1	10124	9546	9013	9561	5.81	cps
Lead	206-1	2439	2289	2311	2347	3.45	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	508274	504856	507533	506888	0.35	cps
Magnesium	24-2	22209	22251	23336	22599	2.83	cps
Manganese	55-2	550	473	513	512	7.49	cps
Molybdenum	94-1	6535	7294	6610	6813	6.14	cps
Molybdenum	95-1	8853	8378	9028	8753	3.85	cps
Molybdenum	96-1	9303	9979	9679	9654	3.51	cps
Molybdenum	97-1	5660	5401	5310	5457	3.33	cps
Molybdenum	98-1	14258	14391	14158	14269	0.82	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	517	597	650	588	11.42	cps
Phosphorus	31-2	125	150	183	153	19.16	cps
Potassium	39-2	37750	38769	38185	38235	1.34	cps
Rhodium	103-1	3952130	3857195	3871208	3893511	1.32	cps
Rhodium	103-2	2079002	2070146	2072984	2074044	0.22	cps
Scandium	45-1	2100312	2091680	2075982	2089325	0.59	cps
Scandium	45-2	79700	77944	79657	79100	1.27	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	70	101	87	86	18.05	cps
Selenium	82-1	263	318	209	263	20.71	cps
Silicon	28-1	361407	365255	364694	363785	0.57	cps
Silver	109-1	3817	4109	4242	4056	5.36	cps
Silver	107-1	4059	4126	4076	4087	0.85	cps
Sodium	23-2	74180	74918	73109	74069	1.23	cps
Strontium	86-1	2159	2050	2509	2239	10.70	cps
Strontium	88-1	8653	8778	9070	8834	2.42	cps
Sulfur	34-1	273699	274710	280239	276216	1.27	cps
Terbium	159-1	4834832	4832710	4848557	4838700	0.18	cps
Terbium	159-2	2448897	2387966	2393651	2410172	1.40	cps
Thallium	203-1	2550	2625	2417	2531	4.17	cps
Thallium	205-1	6435	6035	6402	6291	3.53	cps
Tin	118-1	13757	13724	13974	13818	0.98	cps
Titanium	47-1	2917	2700	2667	2761	4.92	cps
Uranium	238-1	7527	7536	7586	7550	0.42	cps
Vanadium	51-2	3804	3677	3741	3741	1.69	cps
Yttrium	89-1	5128686	5178922	5273950	5193853	1.42	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:21:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	677283	664872	669700	670618	0.93	cps
Zinc	66-2	517	403	460	460	12.32	cps
Zirconium	90-1	5001	4851	4951	4934	1.55	cps
Zirconium	91-1	1208	1050	1075	1111	7.66	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18151	18088	17995	18078	0.44	cps
Antimony	121-1	214625	207398	212168	211397	1.74	cps
Arsenic	75-2	7100	7283	7348	7243	1.78	cps
Barium	135-1	219148	217510	218060	218239	0.38	cps
Barium	137-1	373704	378255	381772	377910	1.07	cps
Beryllium	9-1	20234	20542	20174	20317	0.97	cps
Bismuth	209-1	2823439	2868568	2849770	2847259	0.80	cps
Bismuth	209-2	1618168	1710619	1697510	1675432	2.99	cps
Boron	11-1	5950	6714	7148	6604	9.19	cps
Boron	10-1	1336	1438	1530	1434	6.76	cps
Bromine	81-1	2873	2863	2813	2850	1.13	cps
Cadmium	106-1	5576	5410	5585	5523	1.79	cps
Cadmium	108-1	3325	3388	3421	3378	1.44	cps
Cadmium	111-1	47017	47061	47378	47152	0.42	cps
Calcium	43-1	41193	40391	40850	40811	0.99	cps
Calcium	44-1	708463	714911	712743	712039	0.46	cps
Chromium	52-2	51506	51559	50994	51353	0.61	cps
Cobalt	59-2	93706	94340	92438	93494	1.04	cps
Copper	63-2	145256	147096	145375	145909	0.71	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	17	20	10	16	32.73	cps
Holmium	165-1	4556050	4645677	4759219	4653649	2.19	cps
Holmium	165-2	2436987	2478327	2489624	2468313	1.12	cps
Indium	115-1	4015287	4049228	4166606	4077040	1.95	cps
Indium	115-2	729691	742889	736072	736218	0.90	cps
Iron	54-2	107210	110306	107782	108433	1.52	cps
Iron	56-2	2030871	2005262	1997027	2011053	0.88	cps
Iron	57-2	48477	48800	49235	48837	0.78	cps
Krypton	83-1	860	897	797	851	5.94	cps
Lead	207-1	103561	104194	104054	103936	0.32	cps
Lead	208-1	471554	474178	475033	473588	0.38	cps
Lead	206-1	118654	119893	119215	119254	0.52	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	518632	515087	513446	515722	0.51	cps
Magnesium	24-2	236537	237989	237025	237184	0.31	cps
Manganese	55-2	47355	47783	46713	47284	1.14	cps
Molybdenum	94-1	364740	368116	365762	366206	0.47	cps
Molybdenum	95-1	462313	459276	470317	463969	1.23	cps
Molybdenum	96-1	511979	505404	521249	512877	1.55	cps
Molybdenum	97-1	291244	281744	286105	286364	1.66	cps
Molybdenum	98-1	743914	748369	747198	746494	0.31	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	25503	25760	25647	25637	0.50	cps
Phosphorus	31-2	1333	1267	1183	1261	5.96	cps
Potassium	39-2	130538	127420	127081	128346	1.48	cps
Rhodium	103-1	3927570	3872478	3858204	3886084	0.94	cps
Rhodium	103-2	2030125	2068518	2103889	2067511	1.78	cps
Scandium	45-1	2087623	2133396	2135601	2118873	1.28	cps
Scandium	45-2	80182	80917	81254	80784	0.68	cps
Selenium	77-2	83	97	100	93	9.45	cps
Selenium	78-2	360	348	370	359	3.07	cps
Selenium	82-1	2660	2707	2783	2717	2.28	cps
Silicon	28-1	449410	456499	463628	456512	1.56	cps
Silver	109-1	228914	226076	222748	225913	1.37	cps
Silver	107-1	238836	234453	241714	238334	1.53	cps
Sodium	23-2	488748	494601	495699	493016	0.76	cps
Strontium	86-1	57201	56540	56381	56707	0.77	cps
Strontium	88-1	484986	485463	488449	486299	0.39	cps
Sulfur	34-1	288148	288830	285640	287540	0.58	cps
Terbium	159-1	4901352	4860386	4921983	4894574	0.64	cps
Terbium	159-2	2420561	2419275	2426906	2422248	0.17	cps
Thallium	203-1	145154	145476	149015	146549	1.46	cps
Thallium	205-1	346304	343245	347902	345817	0.68	cps
Tin	118-1	147399	142503	145065	144989	1.69	cps
Titanium	47-1	108367	108333	106838	107846	0.81	cps
Uranium	238-1	418581	420835	417641	419019	0.39	cps
Vanadium	51-2	40190	39541	40461	40064	1.18	cps
Yttrium	89-1	5228969	5242924	5318239	5263377	0.91	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:24:58	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	664309	677131	677480	672973	1.12	cps
Zinc	66-2	19807	19313	19367	19496	1.39	cps
Zirconium	90-1	300349	291172	293945	295155	1.59	cps
Zirconium	91-1	66644	64860	65052	65519	1.49	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41596	40944	41375	41305	0.80	cps
Antimony	121-1	511789	503029	506220	507013	0.87	cps
Arsenic	75-2	17371	17470	17040	17294	1.30	cps
Barium	135-1	532698	527616	528276	529530	0.52	cps
Barium	137-1	915659	921944	914298	917300	0.44	cps
Beryllium	9-1	48865	48520	48887	48757	0.42	cps
Bismuth	209-1	2713027	2764749	2757855	2745210	1.02	cps
Bismuth	209-2	1605113	1602073	1618710	1608632	0.55	cps
Boron	11-1	14338	16312	17036	15895	8.79	cps
Boron	10-1	2940	3190	3528	3219	9.17	cps
Bromine	81-1	2713	2643	2673	2676	1.31	cps
Cadmium	106-1	11855	12056	12222	12044	1.53	cps
Cadmium	108-1	8103	7636	7944	7894	3.01	cps
Cadmium	111-1	112154	113591	113370	113038	0.68	cps
Calcium	43-1	99115	100593	99033	99580	0.88	cps
Calcium	44-1	1621854	1652772	1674889	1649838	1.61	cps
Chromium	52-2	121404	121770	122022	121732	0.26	cps
Cobalt	59-2	222702	223881	221197	222593	0.60	cps
Copper	63-2	348927	345497	339232	344552	1.43	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	10	27	7	14	74.18	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	4526521	4562965	4547230	4545572	0.40	cps
Holmium	165-2	2398471	2347951	2430803	2392408	1.75	cps
Indium	115-1	4017464	3987862	4009831	4005052	0.38	cps
Indium	115-2	717511	730508	724716	724245	0.90	cps
Iron	54-2	255555	258237	258337	257376	0.61	cps
Iron	56-2	4692568	4738418	4796770	4742585	1.10	cps
Iron	57-2	117100	116270	117285	116885	0.46	cps
Krypton	83-1	887	853	803	848	4.95	cps
Lead	207-1	249855	250473	247788	249372	0.56	cps
Lead	208-1	1150218	1138783	1140611	1143204	0.54	cps
Lead	206-1	288001	286874	286046	286973	0.34	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	506988	508950	508068	508002	0.19	cps
Magnesium	24-2	566099	573035	567084	568740	0.66	cps
Manganese	55-2	113530	113339	112822	113230	0.32	cps
Molybdenum	94-1	891763	905189	896884	897946	0.75	cps
Molybdenum	95-1	1117446	1127333	1137518	1127432	0.89	cps
Molybdenum	96-1	1239509	1238933	1247238	1241894	0.37	cps
Molybdenum	97-1	697316	694976	694451	695581	0.22	cps
Molybdenum	98-1	1820336	1810167	1800648	1810384	0.54	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	60672	61368	60749	60930	0.63	cps
Phosphorus	31-2	3092	2917	2767	2925	5.56	cps
Potassium	39-2	287780	282276	289838	286631	1.36	cps
Rhodium	103-1	3816783	3817792	3863249	3832608	0.69	cps
Rhodium	103-2	2034239	2091441	2052056	2059246	1.42	cps
Scandium	45-1	2062504	2051271	2068943	2060906	0.43	cps
Scandium	45-2	78389	78550	78426	78455	0.11	cps
Selenium	77-2	290	187	257	244	21.58	cps
Selenium	78-2	894	847	841	861	3.37	cps
Selenium	82-1	6803	6530	6711	6681	2.08	cps
Silicon	28-1	594470	607433	615359	605754	1.74	cps
Silver	109-1	553053	542012	549783	548283	1.03	cps
Silver	107-1	570989	576133	572420	573181	0.46	cps
Sodium	23-2	1134193	1144660	1129984	1136279	0.67	cps
Strontium	86-1	138514	137925	136657	137699	0.69	cps
Strontium	88-1	1177542	1159910	1166824	1168092	0.76	cps
Sulfur	34-1	300250	297818	297246	298438	0.53	cps
Terbium	159-1	4840921	4818376	4833162	4830820	0.24	cps
Terbium	159-2	2310251	2367453	2378266	2351990	1.55	cps
Thallium	203-1	360108	349146	360060	356438	1.77	cps
Thallium	205-1	838867	841305	841415	840529	0.17	cps
Tin	118-1	353505	352243	354227	353325	0.28	cps
Titanium	47-1	257189	258235	263089	259505	1.21	cps
Uranium	238-1	1014186	1012041	1028507	1018245	0.88	cps
Vanadium	51-2	95640	96761	96674	96358	0.65	cps
Yttrium	89-1	5162245	5126043	5179992	5156093	0.53	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:27:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	660251	676779	667905	668312	1.24	cps
Zinc	66-2	46683	46048	45964	46232	0.85	cps
Zirconium	90-1	726509	724091	709843	720147	1.25	cps
Zirconium	91-1	160112	160796	157658	159522	1.03	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:30:57 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86690	85983	85765	86146	0.56	cps
Antimony	121-1	1047923	1056074	1050133	1051376	0.40	cps
Arsenic	75-2	35758	35960	35912	35877	0.29	cps
Barium	135-1	1105985	1095645	1104626	1102085	0.51	cps
Barium	137-1	1894514	1890920	1904006	1896480	0.36	cps
Beryllium	9-1	99720	98878	101574	100057	1.38	cps
Bismuth	209-1	2860563	2906125	2880132	2882273	0.79	cps
Bismuth	209-2	1688931	1699273	1710687	1699630	0.64	cps
Boron	11-1	29291	33070	34984	32449	8.93	cps
Boron	10-1	6126	6788	7186	6700	7.99	cps
Bromine	81-1	2793	3154	2443	2797	12.71	cps
Cadmium	106-1	24781	23479	24330	24197	2.73	cps
Cadmium	108-1	16456	16110	16552	16372	1.42	cps
Cadmium	111-1	234496	233703	232991	233730	0.32	cps
Calcium	43-1	206352	206543	206282	206392	0.07	cps
Calcium	44-1	3362554	3352399	3350185	3355046	0.20	cps
Chromium	52-2	247478	253046	249191	249905	1.14	cps
Cobalt	59-2	460824	466575	455463	460954	1.21	cps
Copper	63-2	703189	718020	720211	713807	1.30	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	7	27	16	65.47	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	4805072	4799717	4708045	4770945	1.14	cps
Holmium	165-2	2517991	2524292	2526940	2523074	0.18	cps
Indium	115-1	4177348	4155314	4150532	4161065	0.34	cps
Indium	115-2	740364	746822	754739	747308	0.96	cps
Iron	54-2	535799	543930	538341	539357	0.77	cps
Iron	56-2	9711587	9882547	9852450	9815528	0.93	cps
Iron	57-2	241413	241721	242282	241805	0.18	cps
Krypton	83-1	700	840	870	803	11.30	cps
Lead	207-1	510789	519186	519678	516551	0.97	cps
Lead	208-1	2347397	2363654	2381325	2364125	0.72	cps
Lead	206-1	592397	591628	595302	593109	0.33	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:30:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	515025	522838	524284	520716	0.96	cps
Magnesium	24-2	1196558	1199469	1161537	1185855	1.78	cps
Manganese	55-2	235479	238383	236507	236790	0.62	cps
Molybdenum	94-1	1868096	1802084	1831828	1834003	1.80	cps
Molybdenum	95-1	2317256	2327470	2268798	2304508	1.36	cps
Molybdenum	96-1	2553618	2574045	2499762	2542475	1.51	cps
Molybdenum	97-1	1434304	1419847	1435181	1429777	0.60	cps
Molybdenum	98-1	3752126	3743012	3684944	3726694	0.98	cps
Neodymium	150-1	40	40	33	38	10.19	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	125686	128770	126752	127070	1.23	cps
Phosphorus	31-2	5618	5576	5893	5696	3.02	cps
Potassium	39-2	574267	583994	572570	576944	1.07	cps
Rhodium	103-1	3964255	3950405	3888802	3934487	1.02	cps
Rhodium	103-2	2070505	2045000	2109347	2074951	1.56	cps
Scandium	45-1	2128876	2113777	2157045	2133232	1.03	cps
Scandium	45-2	80702	80440	80846	80663	0.26	cps
Selenium	77-2	470	510	630	537	15.52	cps
Selenium	78-2	1695	1706	1708	1703	0.41	cps
Selenium	82-1	14202	13902	13888	13997	1.26	cps
Silicon	28-1	842222	871893	886385	866833	2.60	cps
Silver	109-1	1118941	1126303	1129944	1125062	0.50	cps
Silver	107-1	1188565	1160610	1174206	1174460	1.19	cps
Sodium	23-2	2350943	2334239	2306280	2330487	0.97	cps
Strontium	86-1	284102	278361	276944	279802	1.35	cps
Strontium	88-1	2426258	2446911	2399322	2424164	0.98	cps
Sulfur	34-1	327534	325709	326452	326565	0.28	cps
Terbium	159-1	4971021	4997236	4982624	4983627	0.26	cps
Terbium	159-2	2459467	2504369	2471079	2478305	0.94	cps
Thallium	203-1	745132	738381	738345	740619	0.53	cps
Thallium	205-1	1739083	1742204	1721477	1734255	0.64	cps
Tin	118-1	731774	728665	725169	728536	0.45	cps
Titanium	47-1	537683	533163	525092	531979	1.20	cps
Uranium	238-1	2110456	2145039	2152570	2136022	1.05	cps
Vanadium	51-2	199698	199416	200212	199775	0.20	cps
Yttrium	89-1	5357194	5392232	5361080	5370168	0.36	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:30:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	689283	691754	691807	690948	0.21	cps
Zinc	66-2	95502	96758	96127	96129	0.65	cps
Zirconium	90-1	1474169	1441257	1500568	1471998	2.02	cps
Zirconium	91-1	330745	328383	335226	331451	1.05	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179232	176866	176889	177662	0.77	cps
Antimony	121-1	2212285	2194952	2177903	2195047	0.78	cps
Arsenic	75-2	74939	74011	74695	74548	0.65	cps
Barium	135-1	2316603	2248262	2285114	2283326	1.50	cps
Barium	137-1	3904435	3839712	3930465	3891537	1.20	cps
Beryllium	9-1	211391	206299	207575	208421	1.27	cps
Bismuth	209-1	3030267	2933888	2960351	2974835	1.67	cps
Bismuth	209-2	1776055	1796946	1770975	1781325	0.77	cps
Boron	11-1	63335	69342	74645	69107	8.19	cps
Boron	10-1	13021	14388	15343	14251	8.19	cps
Bromine	81-1	2963	2983	3003	2983	0.67	cps
Cadmium	106-1	49874	49239	49046	49386	0.88	cps
Cadmium	108-1	35279	33975	34096	34450	2.09	cps
Cadmium	111-1	487975	483829	482631	484812	0.58	cps
Calcium	43-1	425289	424943	429973	426735	0.66	cps
Calcium	44-1	6893314	6842006	6876764	6870695	0.38	cps
Chromium	52-2	516838	511868	514477	514394	0.48	cps
Cobalt	59-2	964984	946938	954359	955427	0.95	cps
Copper	63-2	1529049	1476104	1476543	1493899	2.04	cps
Dysprosium	156-1	67	8	17	31	103.26	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	58	58	50	56	8.66	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	30	23	23	26	15.07	cps
Holmium	165-1	5051390	4940430	4976389	4989403	1.13	cps
Holmium	165-2	2649655	2657087	2589021	2631921	1.42	cps
Indium	115-1	4371326	4270594	4385464	4342461	1.44	cps
Indium	115-2	786464	776096	776005	779522	0.77	cps
Iron	54-2	1118322	1096274	1102537	1105711	1.03	cps
Iron	56-2	20035412	20109422	20342470	20162435	0.79	cps
Iron	57-2	509101	504356	507472	506976	0.48	cps
Krypton	83-1	787	770	883	813	7.52	cps
Lead	207-1	1100192	1062229	1057636	1073352	2.18	cps
Lead	208-1	5119725	4954704	4903086	4992505	2.27	cps
Lead	206-1	1262061	1233038	1231438	1242179	1.39	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	552859	543201	541360	545807	1.13	cps
Magnesium	24-2	2394004	2470775	2443918	2436232	1.60	cps
Manganese	55-2	488018	478201	486751	484323	1.10	cps
Molybdenum	94-1	3856856	3749670	3770267	3792264	1.50	cps
Molybdenum	95-1	4881606	4771371	4741533	4798170	1.54	cps
Molybdenum	96-1	5342459	5294412	5159402	5265424	1.80	cps
Molybdenum	97-1	3027777	3006555	2883630	2972654	2.62	cps
Molybdenum	98-1	7953838	7688824	7546591	7729751	2.67	cps
Neodymium	150-1	80	67	100	82	20.40	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	257443	259660	261343	259482	0.75	cps
Phosphorus	31-2	12406	11747	11797	11983	3.06	cps
Potassium	39-2	1173379	1180258	1179037	1177558	0.31	cps
Rhodium	103-1	4090260	4175869	4004407	4090179	2.10	cps
Rhodium	103-2	2178781	2139726	2196425	2171644	1.34	cps
Scandium	45-1	2192675	2243526	2257413	2231204	1.53	cps
Scandium	45-2	85747	83357	84295	84466	1.43	cps
Selenium	77-2	993	903	1027	974	6.55	cps
Selenium	78-2	3406	3430	3517	3451	1.69	cps
Selenium	82-1	29577	29372	29568	29506	0.39	cps
Silicon	28-1	1236625	1235131	1273509	1248422	1.74	cps
Silver	109-1	2380973	2355964	2316309	2351082	1.39	cps
Silver	107-1	2502904	2447694	2474651	2475083	1.12	cps
Sodium	23-2	4614654	4724130	4670884	4669889	1.17	cps
Strontium	86-1	585278	585365	582204	584282	0.31	cps
Strontium	88-1	4965631	5025802	4914146	4968526	1.12	cps
Sulfur	34-1	382056	383204	376564	380608	0.93	cps
Terbium	159-1	5352468	5218784	5217932	5263061	1.47	cps
Terbium	159-2	2544839	2554470	2499971	2533094	1.15	cps
Thallium	203-1	1550914	1526060	1519902	1532292	1.07	cps
Thallium	205-1	3684094	3533827	3535056	3584326	2.41	cps
Tin	118-1	1511390	1507626	1520948	1513321	0.45	cps
Titanium	47-1	1124090	1109814	1104160	1112688	0.92	cps
Uranium	238-1	4434335	4335693	4383078	4384369	1.13	cps
Vanadium	51-2	412459	405459	404555	407491	1.06	cps
Yttrium	89-1	5562370	5644921	5645378	5617556	0.85	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:33:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	711620	717266	727132	718673	1.09	cps
Zinc	66-2	197677	197886	197649	197737	0.07	cps
Zirconium	90-1	3040992	3052118	3069579	3054230	0.47	cps
Zirconium	91-1	692183	680753	685810	686249	0.83	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:36:55 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355023	348606	356381	353337	1.18	cps
Antimony	121-1	4427080	4378229	4414992	4406767	0.58	cps
Arsenic	75-2	149782	147789	148794	148788	0.67	cps
Barium	135-1	4581056	4598685	4530169	4569970	0.78	cps
Barium	137-1	7817491	7923172	7775645	7838769	0.97	cps
Beryllium	9-1	414223	414662	408253	412379	0.87	cps
Bismuth	209-1	2983292	2966039	2956226	2968519	0.46	cps
Bismuth	209-2	1746389	1716006	1705150	1722515	1.24	cps
Boron	11-1	130908	145023	152645	142859	7.72	cps
Boron	10-1	27502	29838	31343	29561	6.55	cps
Bromine	81-1	2913	2753	3334	3000	10.00	cps
Cadmium	106-1	98501	97988	98694	98394	0.37	cps
Cadmium	108-1	67824	68037	67347	67736	0.52	cps
Cadmium	111-1	978228	978586	976514	977776	0.11	cps
Calcium	43-1	862820	874304	863338	866821	0.75	cps
Calcium	44-1	14233013	13940157	14155285	14109485	1.08	cps
Chromium	52-2	1016676	1008349	1024018	1016348	0.77	cps
Cobalt	59-2	1873653	1905933	1895908	1891831	0.87	cps
Copper	63-2	2904902	2877391	2966340	2916211	1.56	cps
Dysprosium	156-1	83	117	75	92	24.05	cps
Dysprosium	156-2	17	23	23	21	18.21	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	17	17	27	20	28.86	cps
Gadolinium	160-1	100	100	83	94	10.18	cps
Gadolinium	160-2	27	53	43	41	32.76	cps
Holmium	165-1	4967378	5000996	4900660	4956345	1.03	cps
Holmium	165-2	2610415	2606920	2574300	2597212	0.77	cps
Indium	115-1	4364345	4209941	4342172	4305486	1.94	cps
Indium	115-2	751120	747265	753282	750556	0.41	cps
Iron	54-2	2236478	2214402	2293939	2248273	1.83	cps
Iron	56-2	40114518	40045180	40771715	40310471	0.99	cps
Iron	57-2	1003999	1008423	1007269	1006564	0.23	cps
Krypton	83-1	863	787	850	833	4.92	cps
Lead	207-1	2259718	2227513	2254969	2247400	0.77	cps
Lead	208-1	10217138	10101194	10147185	10155172	0.57	cps
Lead	206-1	2544652	2510252	2545791	2533565	0.80	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:36:55 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	536550	529874	536776	534400	0.73	cps
Magnesium	24-2	4834343	4731527	4816758	4794209	1.15	cps
Manganese	55-2	969898	953644	965540	963027	0.87	cps
Molybdenum	94-1	7727479	7686071	7716921	7710157	0.28	cps
Molybdenum	95-1	9889518	9860592	9726483	9825531	0.89	cps
Molybdenum	96-1	10626511	10798271	10646554	10690445	0.88	cps
Molybdenum	97-1	5889433	5880864	5934749	5901682	0.49	cps
Molybdenum	98-1	15660097	15745226	15467187	15624170	0.91	cps
Neodymium	150-1	120	200	180	167	24.98	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	517513	510496	511390	513133	0.74	cps
Phosphorus	31-2	23670	22460	22710	22946	2.78	cps
Potassium	39-2	2292552	2297481	2276696	2288910	0.47	cps
Rhodium	103-1	4088502	4081634	4041043	4070393	0.63	cps
Rhodium	103-2	2065315	2062377	2117549	2081747	1.49	cps
Scandium	45-1	2254254	2199087	2230074	2227805	1.24	cps
Scandium	45-2	84068	82438	83102	83203	0.98	cps
Selenium	77-2	2090	1973	1984	2016	3.21	cps
Selenium	78-2	6918	6745	6882	6849	1.33	cps
Selenium	82-1	59211	58987	58829	59009	0.33	cps
Silicon	28-1	1901696	1920192	1942098	1921329	1.05	cps
Silver	109-1	4752220	4726061	4576896	4685059	2.02	cps
Silver	107-1	4867750	4891963	4862740	4874151	0.32	cps
Sodium	23-2	9386003	9202759	9429937	9339566	1.29	cps
Strontium	86-1	1197107	1184073	1199921	1193700	0.71	cps
Strontium	88-1	10198299	10033541	9983313	10071717	1.12	cps
Sulfur	34-1	484134	483698	481622	483151	0.28	cps
Terbium	159-1	5278624	5119874	5198710	5199069	1.53	cps
Terbium	159-2	2516729	2531680	2538181	2528863	0.43	cps
Thallium	203-1	3052438	3078070	3090319	3073609	0.63	cps
Thallium	205-1	7124581	7190741	7095915	7137079	0.68	cps
Tin	118-1	3140998	3087924	3104212	3111045	0.87	cps
Titanium	47-1	2299756	2200736	2266628	2255707	2.23	cps
Uranium	238-1	8817701	8722282	8676228	8738737	0.83	cps
Vanadium	51-2	821787	822427	828985	824400	0.48	cps
Yttrium	89-1	5727017	5660717	5636095	5674610	0.83	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:36:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	699745	702454	706314	702838	0.47	cps
Zinc	66-2	390938	386204	392121	389755	0.80	cps
Zirconium	90-1	6312801	6284425	6255565	6284264	0.46	cps
Zirconium	91-1	1418033	1419492	1403908	1413811	0.61	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:39:56 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1561491	1592203	1569988	1574561	1.01	cps
Antimony	121-1	2909	2434	2400	2581	11.02	cps
Arsenic	75-2	60	53	55	56	6.44	cps
Barium	135-1	8203	7894	8203	8100	2.20	cps
Barium	137-1	13891	13515	14066	13824	2.03	cps
Beryllium	9-1	128	100	90	106	18.59	cps
Bismuth	209-1	2601467	2604349	2568807	2591541	0.76	cps
Bismuth	209-2	1508109	1523100	1523440	1518216	0.58	cps
Boron	11-1	27889	25980	24073	25980	7.34	cps
Boron	10-1	5890	5462	5260	5537	5.81	cps
Bromine	81-1	3144	3044	3043	3077	1.88	cps
Cadmium	106-1	1175	1133	1167	1158	1.90	cps
Cadmium	108-1	38	25	38	33	21.65	cps
Cadmium	111-1	1067	1022	1028	1039	2.37	cps
Calcium	43-1	3672052	3770581	3794025	3745553	1.73	cps
Calcium	44-1	60852908	61879793	61174299	61302333	0.86	cps
Chromium	52-2	18495	18125	18599	18406	1.35	cps
Cobalt	59-2	2910	2760	2877	2849	2.76	cps
Copper	63-2	7239	6858	7195	7097	2.93	cps
Dysprosium	156-1	208	233	192	211	9.93	cps
Dysprosium	156-2	103	163	100	122	29.17	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	342	258	325	308	14.30	cps
Gadolinium	160-2	140	153	113	136	15.02	cps
Holmium	165-1	4560435	4519278	4590518	4556744	0.78	cps
Holmium	165-2	2423254	2418541	2481293	2441029	1.43	cps
Indium	115-1	4206223	4122765	4150368	4159785	1.02	cps
Indium	115-2	757395	757338	764542	759758	0.55	cps
Iron	54-2	9547682	9555427	9631903	9578337	0.49	cps
Iron	56-2	177210426	177624710	177379171	177404769	0.12	cps
Iron	57-2	4492783	4515048	4490995	4499609	0.30	cps
Krypton	83-1	827	850	770	816	5.04	cps
Lead	207-1	9142	9304	9948	9465	4.51	cps
Lead	208-1	43017	42200	43256	42825	1.29	cps
Lead	206-1	11105	10393	10632	10710	3.38	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:39:56	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	496738	499587	501080	499135	0.44	cps
Magnesium	24-2	21725460	21546144	21973801	21748469	0.99	cps
Manganese	55-2	4371	4317	4364	4351	0.67	cps
Molybdenum	94-1	4001	3709	3634	3781	5.12	cps
Molybdenum	95-1	5860	5660	5351	5624	4.56	cps
Molybdenum	96-1	7402	7110	7444	7319	2.48	cps
Molybdenum	97-1	3667	3526	3401	3531	3.78	cps
Molybdenum	98-1	9762	9562	8578	9301	6.81	cps
Neodymium	150-1	47	47	53	49	7.86	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	5945	5705	5801	5817	2.08	cps
Phosphorus	31-2	108	67	175	117	46.84	cps
Potassium	39-2	10187732	10301816	10359353	10282967	0.85	cps
Rhodium	103-1	3612346	3706516	3624472	3647778	1.40	cps
Rhodium	103-2	1967543	1930702	1978166	1958803	1.27	cps
Scandium	45-1	2089134	2084546	2094022	2089234	0.23	cps
Scandium	45-2	80658	79941	80990	80530	0.67	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	57	50	56	54	6.97	cps
Selenium	82-1	5	94	37	46	98.54	cps
Silicon	28-1	471359	474655	483410	476475	1.31	cps
Silver	109-1	1217	1183	975	1125	11.64	cps
Silver	107-1	1283	1300	1233	1272	2.73	cps
Sodium	23-2	41869022	41064976	41132011	41355336	1.08	cps
Strontium	86-1	3776	3451	3459	3562	5.20	cps
Strontium	88-1	20223	19347	19180	19584	2.86	cps
Sulfur	34-1	258858	262419	263437	261572	0.92	cps
Terbium	159-1	4815332	4801920	4847548	4821600	0.49	cps
Terbium	159-2	2359822	2350347	2405350	2371840	1.24	cps
Thallium	203-1	1725	1442	1358	1508	12.74	cps
Thallium	205-1	4451	3884	3134	3823	17.28	cps
Tin	118-1	1967	2175	1725	1956	11.52	cps
Titanium	47-1	1050	1150	1117	1106	4.61	cps
Uranium	238-1	1225	1100	833	1053	19.00	cps
Vanadium	51-2	260	253	263	259	1.97	cps
Yttrium	89-1	5317609	5274217	5311772	5301200	0.44	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:39:56	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	689482	683565	694108	689052	0.77	cps
Zinc	66-2	6081	5928	6098	6036	1.55	cps
Zirconium	90-1	2025	1733	1658	1806	10.73	cps
Zirconium	91-1	367	383	375	375	2.22	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:48:36 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8546	8633	8733	8637	1.08	cps
Antimony	121-1	787394	801290	802377	797020	1.05	cps
Arsenic	75-2	27879	27906	27965	27917	0.16	cps
Barium	135-1	83976	88893	84538	85802	3.14	cps
Barium	137-1	146209	149084	145317	146870	1.34	cps
Beryllium	9-1	37634	38101	38033	37923	0.67	cps
Bismuth	209-1	2796712	2809181	2690839	2765577	2.35	cps
Bismuth	209-2	1652433	1681187	1630056	1654559	1.55	cps
Boron	11-1	44586	54152	60064	52934	14.75	cps
Boron	10-1	9249	10986	12397	10877	14.49	cps
Bromine	81-1	2923	2433	2903	2753	10.08	cps
Cadmium	106-1	13507	13941	14057	13835	2.10	cps
Cadmium	108-1	8073	8553	8278	8301	2.90	cps
Cadmium	111-1	91015	93159	93328	92501	1.39	cps
Calcium	43-1	17253	18062	18020	17778	2.56	cps
Calcium	44-1	302145	305867	303948	303987	0.61	cps
Chromium	52-2	100507	97097	98235	98613	1.76	cps
Cobalt	59-2	181334	182445	180011	181263	0.67	cps
Copper	63-2	141121	142864	141177	141720	0.70	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	8	17	58	28	96.44	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	4575061	4628660	4492123	4565281	1.51	cps
Holmium	165-2	2458292	2486624	2499845	2481587	0.86	cps
Indium	115-1	3954279	4049154	3866126	3956520	2.31	cps
Indium	115-2	729288	726297	719828	725138	0.67	cps
Iron	54-2	83655	83717	84012	83795	0.23	cps
Iron	56-2	1506289	1491884	1482173	1493449	0.81	cps
Iron	57-2	36575	36558	36725	36619	0.25	cps
Krypton	83-1	787	777	850	804	4.94	cps
Lead	207-1	396071	403288	401833	400397	0.95	cps
Lead	208-1	1859500	1892223	1884281	1878668	0.91	cps
Lead	206-1	474139	484411	489626	482725	1.63	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:48:36	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	509083	510271	493236	504197	1.89	cps
Magnesium	24-2	54378	54469	54636	54494	0.24	cps
Manganese	55-2	45038	44325	45245	44869	1.08	cps
Molybdenum	94-1	3498687	3440992	3520705	3486795	1.18	cps
Molybdenum	95-1	4319120	4406826	4378765	4368237	1.03	cps
Molybdenum	96-1	4796578	4806906	4755002	4786162	0.57	cps
Molybdenum	97-1	2707190	2733694	2724465	2721783	0.49	cps
Molybdenum	98-1	7053251	7006239	7027416	7028969	0.33	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	50011	49255	49964	49743	0.85	cps
Phosphorus	31-2	50	92	142	94	48.60	cps
Potassium	39-2	105914	103320	103344	104192	1.43	cps
Rhodium	103-1	3909748	3994397	3815660	3906602	2.29	cps
Rhodium	103-2	2043202	2094183	2042070	2059818	1.45	cps
Scandium	45-1	2065812	2058147	2046248	2056735	0.48	cps
Scandium	45-2	80377	78617	79053	79349	1.16	cps
Selenium	77-2	383	410	420	404	4.69	cps
Selenium	78-2	1383	1283	1327	1331	3.77	cps
Selenium	82-1	11029	11212	10957	11066	1.19	cps
Silicon	28-1	1045585	1097622	1126610	1089939	3.77	cps
Silver	109-1	210585	211601	211058	211081	0.24	cps
Silver	107-1	222728	227970	226428	225709	1.19	cps
Sodium	23-2	207429	204943	205399	205924	0.64	cps
Strontium	86-1	520826	526058	527875	524920	0.70	cps
Strontium	88-1	4393911	4583343	4445207	4474154	2.19	cps
Sulfur	34-1	259077	261003	262361	260813	0.63	cps
Terbium	159-1	4827978	4870493	4680500	4792990	2.08	cps
Terbium	159-2	2394858	2442778	2406133	2414590	1.04	cps
Thallium	203-1	590746	605761	615025	603844	2.03	cps
Thallium	205-1	1403953	1421072	1446636	1423887	1.51	cps
Tin	118-1	1358632	1366836	1370419	1365296	0.44	cps
Titanium	47-1	1023009	1021351	1013781	1019380	0.48	cps
Uranium	238-1	3857084	3908916	3884377	3883459	0.67	cps
Vanadium	51-2	77478	76557	75943	76660	1.01	cps
Yttrium	89-1	5310293	5319749	5100193	5243412	2.37	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:48:36	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	669342	682496	671264	674367	1.05	cps
Zinc	66-2	36200	35795	36109	36035	0.59	cps
Zirconium	90-1	2839155	2888892	2861786	2863278	0.87	cps
Zirconium	91-1	631424	645619	641670	639571	1.15	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:51:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313	383	333	343	10.50	cps
Antimony	121-1	292	258	192	247	20.60	cps
Arsenic	75-2	3	3	8	5	61.86	cps
Barium	135-1	75	8	8	31	125.98	cps
Barium	137-1	150	75	25	83	75.50	cps
Beryllium	9-1	108	28	40	59	73.55	cps
Bismuth	209-1	2750905	2776181	2759983	2762356	0.46	cps
Bismuth	209-2	1610068	1598274	1643717	1617353	1.46	cps
Boron	11-1	13263	12539	11676	12493	6.36	cps
Boron	10-1	2866	2592	2278	2578	11.41	cps
Bromine	81-1	3043	2863	2793	2900	4.45	cps
Cadmium	106-1	983	917	1058	986	7.19	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Cadmium	111-1	720	670	770	720	6.91	cps
Calcium	43-1	592	242	342	392	46.03	cps
Calcium	44-1	41038	35686	35143	37289	8.74	cps
Chromium	52-2	1703	1647	1663	1671	1.74	cps
Cobalt	59-2	53	43	53	50	11.55	cps
Copper	63-2	203	237	167	202	17.31	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	33	67	39	65.47	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	4495589	4446668	4488830	4477029	0.59	cps
Holmium	165-2	2400165	2353194	2405798	2386385	1.21	cps
Indium	115-1	4019951	3946832	3881087	3949290	1.76	cps
Indium	115-2	721068	712950	714173	716064	0.61	cps
Iron	54-2	411	461	572	481	17.13	cps
Iron	56-2	3567	3278	3534	3460	4.57	cps
Iron	57-2	111	150	100	120	21.81	cps
Krypton	83-1	853	763	927	848	9.65	cps
Lead	207-1	589	406	256	417	40.07	cps
Lead	208-1	2500	1795	1522	1939	26.03	cps
Lead	206-1	578	450	339	456	26.24	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:51:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	491273	492000	490047	491107	0.20	cps
Magnesium	24-2	300	308	300	303	1.59	cps
Manganese	55-2	140	97	113	117	18.73	cps
Molybdenum	94-1	1409	700	450	853	58.32	cps
Molybdenum	95-1	1267	767	483	839	47.28	cps
Molybdenum	96-1	1442	925	750	1039	34.62	cps
Molybdenum	97-1	733	533	342	536	36.53	cps
Molybdenum	98-1	2334	1367	967	1556	45.18	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	97	80	91	10.56	cps
Phosphorus	31-2	83	50	142	92	50.62	cps
Potassium	39-2	17945	18471	18204	18206	1.44	cps
Rhodium	103-1	3954180	3794794	3750509	3833161	2.79	cps
Rhodium	103-2	2016350	2030827	1972243	2006473	1.52	cps
Scandium	45-1	2015151	2014416	2006057	2011875	0.25	cps
Scandium	45-2	76050	74941	76117	75703	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	52	62	53	15.16	cps
Selenium	82-1	-52	96	-106	-21	-506.38	cps
Silicon	28-1	400235	393314	392651	395400	1.06	cps
Silver	109-1	58	25	25	36	53.30	cps
Silver	107-1	50	42	75	56	31.22	cps
Sodium	23-2	35126	34208	32937	34090	3.22	cps
Strontium	86-1	1417	1292	1292	1333	5.41	cps
Strontium	88-1	1743	733	475	984	68.10	cps
Sulfur	34-1	255726	259018	256731	257158	0.66	cps
Terbium	159-1	4818185	4681631	4647605	4715807	1.91	cps
Terbium	159-2	2328044	2348140	2360500	2345561	0.70	cps
Thallium	203-1	483	558	567	536	8.56	cps
Thallium	205-1	1333	1117	1117	1189	10.52	cps
Tin	118-1	650	675	533	619	12.21	cps
Titanium	47-1	1133	842	683	886	25.76	cps
Uranium	238-1	1100	592	325	672	58.58	cps
Vanadium	51-2	27	40	20	29	35.25	cps
Yttrium	89-1	5144325	4968822	5265895	5126347	2.91	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:51:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	650080	657891	657535	655169	0.67	cps
Zinc	66-2	100	77	90	89	13.17	cps
Zirconium	90-1	750	692	425	622	27.85	cps
Zirconium	91-1	233	125	83	147	52.59	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:54:15 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1509984	1520904	1524200	1518363	0.49	cps
Antimony	121-1	4401	4659	5018	4693	6.60	cps
Arsenic	75-2	40	57	50	49	17.45	cps
Barium	135-1	1342	1150	1208	1233	7.97	cps
Barium	137-1	1992	2434	1967	2131	12.32	cps
Beryllium	9-1	158	162	142	154	6.87	cps
Bismuth	209-1	2770211	2724366	2693467	2729348	1.41	cps
Bismuth	209-2	1583167	1567037	1585633	1578612	0.64	cps
Boron	11-1	9141	8545	8187	8624	5.59	cps
Boron	10-1	1836	1686	1548	1690	8.52	cps
Bromine	81-1	3134	3394	3494	3341	5.57	cps
Cadmium	106-1	1167	867	817	950	19.93	cps
Cadmium	108-1	438	463	492	464	5.84	cps
Cadmium	111-1	1081	833	936	950	13.13	cps
Calcium	43-1	780408	794114	789364	787962	0.88	cps
Calcium	44-1	12596235	13066611	12765323	12809390	1.86	cps
Chromium	52-2	20705	20622	20251	20526	1.18	cps
Cobalt	59-2	2270	2064	2170	2168	4.77	cps
Copper	63-2	10894	10591	10851	10779	1.52	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	27	27	17	23	24.74	cps
Holmium	165-1	4584384	4603481	4577677	4588514	0.29	cps
Holmium	165-2	2444948	2444665	2474656	2454756	0.70	cps
Indium	115-1	3996578	3969952	3965983	3977504	0.42	cps
Indium	115-2	720570	723835	729020	724475	0.59	cps
Iron	54-2	4117771	4083931	4085029	4095577	0.47	cps
Iron	56-2	77309768	74989799	74613638	75637735	1.93	cps
Iron	57-2	1919943	1932553	1925929	1926142	0.33	cps
Krypton	83-1	853	747	830	810	6.92	cps
Lead	207-1	8787	8920	8759	8822	0.98	cps
Lead	208-1	41265	43034	42022	42107	2.11	cps
Lead	206-1	10616	11133	11283	11010	3.18	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 13:54:15 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	494856	487445	480578	487626	1.46	cps
Magnesium	24-2	4369868	4337170	4311654	4339564	0.67	cps
Manganese	55-2	3584	3334	3457	3458	3.62	cps
Molybdenum	94-1	1971417	1990425	2033083	1998308	1.58	cps
Molybdenum	95-1	3525006	3538620	3528437	3530688	0.20	cps
Molybdenum	96-1	3749834	3715083	3761746	3742221	0.65	cps
Molybdenum	97-1	2178497	2176839	2151379	2168905	0.70	cps
Molybdenum	98-1	5660816	5679789	5459273	5599959	2.18	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	2724	2644	2900	2756	4.77	cps
Phosphorus	31-2	108664	106304	106043	107004	1.35	cps
Potassium	39-2	4273520	4167316	4197491	4212776	1.30	cps
Rhodium	103-1	3814667	3704498	3681436	3733534	1.91	cps
Rhodium	103-2	1979542	2053153	2009818	2014171	1.84	cps
Scandium	45-1	2074199	2132470	2080393	2095687	1.53	cps
Scandium	45-2	77913	77786	79837	78512	1.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	63	40	53	52	22.19	cps
Selenium	82-1	-15	58	45	30	132.67	cps
Silicon	28-1	419960	422490	423466	421972	0.43	cps
Silver	109-1	75	83	108	89	19.52	cps
Silver	107-1	92	83	100	92	9.09	cps
Sodium	23-2	8561367	8408489	8679647	8549834	1.59	cps
Strontium	86-1	39005	38428	39331	38921	1.17	cps
Strontium	88-1	325075	323956	324813	324615	0.18	cps
Sulfur	34-1	1099611	1134421	1102352	1112128	1.74	cps
Terbium	159-1	4793935	4865048	4859238	4839407	0.82	cps
Terbium	159-2	2446377	2410131	2436589	2431032	0.77	cps
Thallium	203-1	392	525	783	567	35.14	cps
Thallium	205-1	1017	1542	1450	1336	20.99	cps
Tin	118-1	1150	1042	1375	1189	14.30	cps
Titanium	47-1	824891	813964	817713	818856	0.68	cps
Uranium	238-1	150	92	175	139	30.79	cps
Vanadium	51-2	123	157	110	130	18.49	cps
Yttrium	89-1	5289762	5264479	5153057	5235766	1.39	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:54:15	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	670867	675847	678534	675082	0.58	cps
Zinc	66-2	2354	2524	2234	2370	6.15	cps
Zirconium	90-1	392	367	425	394	7.42	cps
Zirconium	91-1	83	108	142	111	26.34	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1505482	1569131	1540234	1538282	2.07	cps
Antimony	121-1	87077	87983	87177	87412	0.57	cps
Arsenic	75-2	2876	2954	2866	2898	1.66	cps
Barium	135-1	19256	18964	19281	19167	0.92	cps
Barium	137-1	32582	32222	32197	32334	0.67	cps
Beryllium	9-1	7658	7787	7648	7698	1.00	cps
Bismuth	209-1	2700747	2677146	2413455	2597116	6.14	cps
Bismuth	209-2	1588888	1594450	1593009	1592116	0.18	cps
Boron	11-1	12171	12703	12969	12614	3.22	cps
Boron	10-1	2390	2656	2660	2568	6.02	cps
Bromine	81-1	3674	3063	3354	3364	9.08	cps
Cadmium	106-1	3142	3025	3417	3195	6.30	cps
Cadmium	108-1	1788	1942	1871	1867	4.13	cps
Cadmium	111-1	18651	18941	18681	18758	0.85	cps
Calcium	43-1	799988	796801	802094	799628	0.33	cps
Calcium	44-1	12842916	13195565	12963195	13000559	1.38	cps
Chromium	52-2	40504	40156	40066	40242	0.57	cps
Cobalt	59-2	38582	37560	38900	38347	1.83	cps
Copper	63-2	39475	39886	39451	39604	0.62	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	58	50	25	44	39.03	cps
Gadolinium	160-2	13	10	33	19	66.81	cps
Holmium	165-1	4530784	4525291	4176679	4410918	4.60	cps
Holmium	165-2	2483905	2448782	2462864	2465184	0.72	cps
Indium	115-1	3980313	3953125	3608962	3847467	5.38	cps
Indium	115-2	725586	728303	724816	726235	0.25	cps
Iron	54-2	4119858	4129674	4192329	4147287	0.95	cps
Iron	56-2	74843154	75112129	75602132	75185805	0.51	cps
Iron	57-2	1896652	1932115	1934403	1921057	1.10	cps
Krypton	83-1	797	787	840	808	3.51	cps
Lead	207-1	48006	48530	47359	47965	1.22	cps
Lead	208-1	222665	223289	220413	222122	0.68	cps
Lead	206-1	57433	57432	57639	57501	0.21	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	484538	481287	443768	469864	4.82	cps
Magnesium	24-2	4399418	4481071	4506821	4462437	1.26	cps
Manganese	55-2	12826	13059	12903	12929	0.92	cps
Molybdenum	94-1	2179662	2178632	2170984	2176426	0.22	cps
Molybdenum	95-1	3590894	3604337	3588808	3594680	0.23	cps
Molybdenum	96-1	3881217	3891346	3866877	3879813	0.32	cps
Molybdenum	97-1	2256107	2270510	2300516	2275711	1.00	cps
Molybdenum	98-1	5805565	5804230	5858509	5822768	0.53	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	12823	12632	12823	12759	0.86	cps
Phosphorus	31-2	108630	107774	108841	108415	0.52	cps
Potassium	39-2	4298493	4317013	4237895	4284467	0.97	cps
Rhodium	103-1	3783369	3737505	3413671	3644848	5.53	cps
Rhodium	103-2	2030608	2039598	2038968	2036391	0.25	cps
Scandium	45-1	2073613	2092987	1919085	2028562	4.70	cps
Scandium	45-2	80564	79425	78312	79434	1.42	cps
Selenium	77-2	27	33	30	30	11.10	cps
Selenium	78-2	163	156	207	175	15.77	cps
Selenium	82-1	1000	1217	1007	1075	11.49	cps
Silicon	28-1	493224	494621	501289	496378	0.87	cps
Silver	109-1	84182	83805	85155	84381	0.83	cps
Silver	107-1	88652	88668	91671	89664	1.94	cps
Sodium	23-2	8567498	8646632	8691364	8635165	0.73	cps
Strontium	86-1	90953	95769	94688	93803	2.69	cps
Strontium	88-1	797090	807026	812887	805668	0.99	cps
Sulfur	34-1	1097417	1084537	1102572	1094842	0.85	cps
Terbium	159-1	4751804	4729851	4357971	4613209	4.80	cps
Terbium	159-2	2404081	2386385	2410722	2400396	0.52	cps
Thallium	203-1	57042	58365	57470	57626	1.17	cps
Thallium	205-1	135848	135091	136868	135936	0.66	cps
Tin	118-1	145872	145703	144440	145338	0.54	cps
Titanium	47-1	847585	863776	850036	853799	1.02	cps
Uranium	238-1	397981	406182	404460	402874	1.07	cps
Vanadium	51-2	15705	15502	15992	15733	1.57	cps
Yttrium	89-1	5215391	5237795	4801956	5085048	4.83	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:57:04	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678881	683785	682630	681765	0.38	cps
Zinc	66-2	5911	5925	6148	5995	2.22	cps
Zirconium	90-1	307404	300383	307490	305092	1.34	cps
Zirconium	91-1	67774	67053	67338	67388	0.54	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	898547	883653	875149	885783	1.34	cps
Antimony	121-1	2042243	2048645	2115645	2068844	1.97	cps
Arsenic	75-2	71953	71985	71266	71735	0.57	cps
Barium	135-1	2149549	2177489	2205853	2177630	1.29	cps
Barium	137-1	3647857	3679372	3709712	3678981	0.84	cps
Beryllium	9-1	191114	193326	193675	192705	0.72	cps
Bismuth	209-1	2803982	2738379	2759531	2767297	1.21	cps
Bismuth	209-2	1659642	1645302	1653048	1652664	0.43	cps
Boron	11-1	58915	67854	72657	66475	10.49	cps
Boron	10-1	11967	13772	15165	13634	11.76	cps
Bromine	81-1	3043	3124	3384	3184	5.59	cps
Cadmium	106-1	46086	45660	46120	45955	0.56	cps
Cadmium	108-1	31945	31874	32133	31984	0.42	cps
Cadmium	111-1	445546	448340	449172	447686	0.42	cps
Calcium	43-1	1952377	1985487	2007175	1981680	1.39	cps
Calcium	44-1	31585253	31902753	32713164	32067057	1.81	cps
Chromium	52-2	504385	504046	494245	500892	1.15	cps
Cobalt	59-2	905323	901374	899508	902068	0.33	cps
Copper	63-2	1394710	1374224	1366690	1378541	1.05	cps
Dysprosium	156-1	142	83	125	117	25.75	cps
Dysprosium	156-2	63	57	37	52	26.57	cps
Erbium	164-1	33	58	8	33	75.02	cps
Erbium	164-2	27	30	20	26	19.92	cps
Gadolinium	160-1	150	167	158	158	5.26	cps
Gadolinium	160-2	80	60	93	78	21.57	cps
Holmium	165-1	4767918	4783531	4725028	4758826	0.64	cps
Holmium	165-2	2559437	2584609	2511071	2551706	1.46	cps
Indium	115-1	4235162	4194675	4217710	4215849	0.48	cps
Indium	115-2	774007	769855	764457	769440	0.62	cps
Iron	54-2	5184160	5224354	5048725	5152413	1.79	cps
Iron	56-2	96032708	94222774	93670638	94642040	1.31	cps
Iron	57-2	2444459	2374866	2347516	2388947	2.09	cps
Krypton	83-1	830	903	770	834	8.00	cps
Lead	207-1	990981	998459	993467	994302	0.38	cps
Lead	208-1	4592906	4617067	4613502	4607825	0.28	cps
Lead	206-1	1135358	1150647	1142872	1142959	0.67	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	505872	504647	500862	503794	0.52	cps
Magnesium	24-2	11374862	11089963	10978157	11147661	1.83	cps
Manganese	55-2	470632	474818	462690	469380	1.31	cps
Molybdenum	94-1	3668825	3668336	3715336	3684166	0.73	cps
Molybdenum	95-1	4655542	4580136	4630031	4621903	0.83	cps
Molybdenum	96-1	5013986	5147751	5046863	5069533	1.37	cps
Molybdenum	97-1	2806988	2871944	2865403	2848112	1.26	cps
Molybdenum	98-1	7296047	7314244	7343153	7317814	0.32	cps
Neodymium	150-1	120	113	107	113	5.88	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	249240	248600	243254	247031	1.33	cps
Phosphorus	31-2	11330	10896	11079	11102	1.96	cps
Potassium	39-2	5507282	5560879	5485097	5517752	0.71	cps
Rhodium	103-1	3900976	3862094	3853305	3872125	0.66	cps
Rhodium	103-2	2124910	2080389	2057865	2087721	1.63	cps
Scandium	45-1	2181007	2202001	2193900	2192302	0.48	cps
Scandium	45-2	82911	83350	82552	82938	0.48	cps
Selenium	77-2	1013	927	1007	982	4.91	cps
Selenium	78-2	3378	3308	3215	3300	2.48	cps
Selenium	82-1	27620	26830	27673	27374	1.72	cps
Silicon	28-1	1155939	1217443	1261984	1211788	4.39	cps
Silver	109-1	2173469	2202389	2155087	2176982	1.10	cps
Silver	107-1	2281232	2247288	2284469	2270996	0.91	cps
Sodium	23-2	21292854	21412614	20917692	21207720	1.22	cps
Strontium	86-1	550290	558329	564110	557577	1.24	cps
Strontium	88-1	4722845	4801973	4761530	4762116	0.83	cps
Sulfur	34-1	340196	349959	347344	345833	1.46	cps
Terbium	159-1	5018371	4902935	4964063	4961790	1.16	cps
Terbium	159-2	2570915	2526221	2472140	2523092	1.96	cps
Thallium	203-1	1402489	1426083	1400821	1409798	1.00	cps
Thallium	205-1	3318298	3325492	3337293	3327028	0.29	cps
Tin	118-1	1443464	1434256	1450239	1442653	0.56	cps
Titanium	47-1	1039183	1069451	1070665	1059766	1.68	cps
Uranium	238-1	4161867	4064342	4169123	4131777	1.42	cps
Vanadium	51-2	404736	399173	398225	400711	0.88	cps
Yttrium	89-1	5527521	5470771	5533295	5510529	0.63	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 13:59:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	712182	717818	708758	712919	0.64	cps
Zinc	66-2	188013	186450	186764	187076	0.44	cps
Zirconium	90-1	2890585	2909135	2931071	2910264	0.70	cps
Zirconium	91-1	666422	664906	670292	667207	0.42	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : CCB006 Instrumnet Name : P8
 Client Sample ID : CCB006 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 14:02:43 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607	513	537	552	8.80	cps
Antimony	121-1	467	400	625	497	23.24	cps
Arsenic	75-2	15	12	9	12	25.00	cps
Barium	135-1	308	217	258	261	17.58	cps
Barium	137-1	558	542	533	544	2.34	cps
Beryllium	9-1	56	80	62	66	18.92	cps
Bismuth	209-1	2752411	2774019	2764504	2763645	0.39	cps
Bismuth	209-2	1614615	1621044	1664091	1633250	1.65	cps
Boron	11-1	10700	10003	9419	10041	6.39	cps
Boron	10-1	2270	2026	1946	2080	8.11	cps
Bromine	81-1	2813	3013	3084	2970	4.72	cps
Cadmium	106-1	917	892	1158	989	14.89	cps
Cadmium	108-1	13	33	8	18	74.19	cps
Cadmium	111-1	787	693	959	813	16.63	cps
Calcium	43-1	742	433	542	572	27.34	cps
Calcium	44-1	45481	46049	46442	45990	1.05	cps
Chromium	52-2	1837	1857	1653	1782	6.29	cps
Cobalt	59-2	157	110	177	148	23.15	cps
Copper	63-2	410	403	417	410	1.63	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	42	17	42	33	43.30	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	4544769	4540991	4434070	4506610	1.39	cps
Holmium	165-2	2421065	2420676	2455813	2432518	0.83	cps
Indium	115-1	3999988	4053835	4012551	4022125	0.70	cps
Indium	115-2	722143	732042	741268	731818	1.31	cps
Iron	54-2	1478	1228	1367	1358	9.23	cps
Iron	56-2	20904	21205	20109	20739	2.73	cps
Iron	57-2	561	589	572	574	2.44	cps
Krypton	83-1	893	807	787	829	6.84	cps
Lead	207-1	422	311	461	398	19.55	cps
Lead	208-1	1995	1639	1900	1845	9.99	cps
Lead	206-1	522	389	467	459	14.58	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:02:43	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	501540	497932	492991	497488	0.86	cps
Magnesium	24-2	2000	1858	1909	1922	3.74	cps
Manganese	55-2	163	137	187	162	15.42	cps
Molybdenum	94-1	792	650	700	714	10.06	cps
Molybdenum	95-1	833	800	942	858	8.63	cps
Molybdenum	96-1	1050	958	1017	1008	4.60	cps
Molybdenum	97-1	600	567	542	569	5.14	cps
Molybdenum	98-1	1600	1400	1550	1517	6.86	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	117	130	113	120	7.35	cps
Phosphorus	31-2	100	108	42	83	43.59	cps
Potassium	39-2	20699	21408	20982	21030	1.70	cps
Rhodium	103-1	3878109	3833905	3790823	3834279	1.14	cps
Rhodium	103-2	1984817	2106013	2068649	2053160	3.02	cps
Scandium	45-1	2062953	2049924	2051625	2054834	0.34	cps
Scandium	45-2	78694	77645	76714	77684	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	57	52	53	6.80	cps
Selenium	82-1	-38	44	112	39	190.35	cps
Silicon	28-1	393858	389784	386577	390073	0.94	cps
Silver	109-1	567	533	650	583	10.30	cps
Silver	107-1	567	600	525	564	6.66	cps
Sodium	23-2	39471	38719	40657	39616	2.47	cps
Strontium	86-1	1317	1375	1358	1350	2.23	cps
Strontium	88-1	858	775	808	814	5.15	cps
Sulfur	34-1	247616	249471	251751	249613	0.83	cps
Terbium	159-1	4779723	4826969	4768851	4791848	0.64	cps
Terbium	159-2	2415329	2384681	2415676	2405229	0.74	cps
Thallium	203-1	1058	775	858	897	16.23	cps
Thallium	205-1	2209	1942	1709	1953	12.81	cps
Tin	118-1	633	433	550	539	18.64	cps
Titanium	47-1	900	1017	825	914	10.57	cps
Uranium	238-1	567	458	542	522	10.86	cps
Vanadium	51-2	67	60	67	64	5.98	cps
Yttrium	89-1	5210451	5361804	5143444	5238566	2.14	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:02:43	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	667005	669232	671200	669146	0.31	cps
Zinc	66-2	147	147	147	147	0.00	cps
Zirconium	90-1	692	808	550	683	18.93	cps
Zirconium	91-1	175	92	133	133	31.25	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178115	181616	178678	179470	1.05	cps
Antimony	121-1	28655	29290	30326	29424	2.87	cps
Arsenic	75-2	2637	2779	2643	2686	2.99	cps
Barium	135-1	478924	491515	493798	488079	1.64	cps
Barium	137-1	833000	842821	856445	844088	1.39	cps
Beryllium	9-1	450	450	472	457	2.78	cps
Bismuth	209-1	2889173	2909477	2921890	2906847	0.57	cps
Bismuth	209-2	1743127	1774729	1761796	1759884	0.90	cps
Boron	11-1	22531	25012	26565	24703	8.24	cps
Boron	10-1	4550	5196	5636	5127	10.66	cps
Bromine	81-1	6148	6428	6268	6281	2.24	cps
Cadmium	106-1	1892	2000	1784	1892	5.73	cps
Cadmium	108-1	592	725	563	626	13.83	cps
Cadmium	111-1	8512	8224	8578	8438	2.23	cps
Calcium	43-1	1119544	1114994	1122911	1119150	0.35	cps
Calcium	44-1	18188652	18286746	18017989	18164463	0.75	cps
Chromium	52-2	105567	103783	104398	104583	0.87	cps
Cobalt	59-2	24859	25119	25206	25061	0.72	cps
Copper	63-2	568913	576191	568414	571173	0.76	cps
Dysprosium	156-1	12064	12106	12331	12167	1.18	cps
Dysprosium	156-2	6232	6071	6525	6276	3.67	cps
Erbium	164-1	9771	10346	11180	10432	6.79	cps
Erbium	164-2	5118	5208	5214	5180	1.04	cps
Gadolinium	160-1	11455	11931	12047	11811	2.66	cps
Gadolinium	160-2	6685	7095	7139	6973	3.59	cps
Holmium	165-1	4794276	4742149	4829177	4788534	0.91	cps
Holmium	165-2	2602243	2594776	2580213	2592411	0.43	cps
Indium	115-1	4175055	4247716	4227588	4216786	0.89	cps
Indium	115-2	768386	779537	773071	773665	0.72	cps
Iron	54-2	1152868	1165618	1166854	1161780	0.67	cps
Iron	56-2	21956639	22148822	21685884	21930448	1.06	cps
Iron	57-2	535130	537618	536054	536267	0.23	cps
Krypton	83-1	790	830	843	821	3.38	cps
Lead	207-1	3964787	4008505	4032256	4001849	0.86	cps
Lead	208-1	18545121	18624646	18782656	18650808	0.65	cps
Lead	206-1	4794965	4784795	4842488	4807416	0.64	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	522334	517694	523348	521125	0.58	cps
Magnesium	24-2	685769	686358	683868	685332	0.19	cps
Manganese	55-2	644627	655524	650476	650209	0.84	cps
Molybdenum	94-1	8886	8920	9420	9075	3.29	cps
Molybdenum	95-1	9478	8578	9595	9217	6.04	cps
Molybdenum	96-1	10538	10830	10988	10785	2.12	cps
Molybdenum	97-1	5760	5801	6152	5904	3.65	cps
Molybdenum	98-1	14800	15709	16051	15520	4.17	cps
Neodymium	150-1	21865	21351	21831	21682	1.33	cps
Neodymium	150-2	8966	8473	8196	8545	4.57	cps
Nickel	60-2	39752	39916	39809	39826	0.21	cps
Phosphorus	31-2	7585	8053	7444	7694	4.14	cps
Potassium	39-2	365394	366450	360819	364221	0.82	cps
Rhodium	103-1	4064626	4037999	4003235	4035287	0.76	cps
Rhodium	103-2	2154708	2169805	2142004	2155506	0.65	cps
Scandium	45-1	2206739	2190496	2178828	2192021	0.64	cps
Scandium	45-2	81711	81748	82103	81854	0.26	cps
Selenium	77-2	33	43	33	37	15.75	cps
Selenium	78-2	65	105	104	91	24.97	cps
Selenium	82-1	158	202	160	174	14.27	cps
Silicon	28-1	3656664	3609410	3694179	3653418	1.16	cps
Silver	109-1	82103	81994	82798	82299	0.53	cps
Silver	107-1	87485	85649	88349	87161	1.58	cps
Sodium	23-2	1238440	1230801	1230951	1233397	0.35	cps
Strontium	86-1	514373	507256	515157	512262	0.85	cps
Strontium	88-1	4429077	4344641	4368436	4380718	0.99	cps
Sulfur	34-1	477939	475725	478724	477463	0.33	cps
Terbium	159-1	4948650	5028078	5057459	5011396	1.12	cps
Terbium	159-2	2563788	2520015	2578077	2553960	1.18	cps
Thallium	203-1	1100	1333	1350	1261	11.08	cps
Thallium	205-1	3067	3050	3184	3100	2.34	cps
Tin	118-1	90607	91457	95273	92446	2.69	cps
Titanium	47-1	87316	84440	84565	85440	1.90	cps
Uranium	238-1	18681	18506	18247	18478	1.18	cps
Vanadium	51-2	32617	32684	33429	32910	1.37	cps
Yttrium	89-1	5770881	5644985	5646951	5687605	1.27	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:05:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	725924	737076	735308	732769	0.82	cps
Zinc	66-2	746686	750378	744165	747076	0.42	cps
Zirconium	90-1	10530	10221	10471	10407	1.58	cps
Zirconium	91-1	2400	2467	2209	2359	5.69	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : L1467-02 Instrumnet Name : P8
 Client Sample ID : MH15W4 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 14:08:23 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162125	163088	161914	162375	0.39	cps
Antimony	121-1	26468	27737	28939	27715	4.46	cps
Arsenic	75-2	2413	2406	2317	2379	2.25	cps
Barium	135-1	440339	455128	453344	449604	1.80	cps
Barium	137-1	764269	768664	772314	768416	0.52	cps
Beryllium	9-1	402	336	348	362	9.71	cps
Bismuth	209-1	2884540	2919724	2929085	2911116	0.81	cps
Bismuth	209-2	1744592	1584795	1702518	1677302	4.94	cps
Boron	11-1	24391	26885	27955	26410	6.92	cps
Boron	10-1	4950	5528	5854	5444	8.41	cps
Bromine	81-1	6168	6148	6759	6358	5.46	cps
Cadmium	106-1	2117	1792	2017	1975	8.43	cps
Cadmium	108-1	604	638	546	596	7.79	cps
Cadmium	111-1	7698	7139	7377	7405	3.79	cps
Calcium	43-1	1009637	1035698	1019357	1021564	1.29	cps
Calcium	44-1	16576462	16628096	16679376	16627978	0.31	cps
Chromium	52-2	83334	83408	83090	83278	0.20	cps
Cobalt	59-2	21627	20839	21096	21187	1.90	cps
Copper	63-2	774755	778788	765594	773046	0.87	cps
Dysprosium	156-1	11739	11806	11555	11700	1.11	cps
Dysprosium	156-2	5565	5628	5414	5536	1.98	cps
Erbium	164-1	9462	9370	9487	9440	0.65	cps
Erbium	164-2	4781	4811	4758	4783	0.56	cps
Gadolinium	160-1	10421	10871	10738	10677	2.17	cps
Gadolinium	160-2	6325	6525	6185	6345	2.69	cps
Holmium	165-1	4699883	4844080	4842642	4795535	1.73	cps
Holmium	165-2	2566215	2344227	2517854	2476099	4.71	cps
Indium	115-1	4127985	4138907	4121274	4129389	0.22	cps
Indium	115-2	743423	689218	726606	719749	3.85	cps
Iron	54-2	1026040	1023822	1030500	1026787	0.33	cps
Iron	56-2	19300095	19561568	18834782	19232148	1.91	cps
Iron	57-2	475207	480637	468748	474864	1.25	cps
Krypton	83-1	800	930	803	844	8.78	cps
Lead	207-1	3222190	3352965	3311216	3295457	2.03	cps
Lead	208-1	15045660	15332311	15421113	15266361	1.29	cps
Lead	206-1	3964240	3987067	4026197	3992501	0.78	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:08:23	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	524911	521152	520695	522253	0.44	cps
Magnesium	24-2	591024	586441	584896	587454	0.54	cps
Manganese	55-2	554534	570326	556701	560520	1.53	cps
Molybdenum	94-1	9745	9487	10104	9779	3.17	cps
Molybdenum	95-1	8494	8569	8878	8647	2.35	cps
Molybdenum	96-1	10613	9737	10254	10201	4.32	cps
Molybdenum	97-1	5335	5151	5326	5271	1.96	cps
Molybdenum	98-1	12756	13757	13740	13418	4.27	cps
Neodymium	150-1	20723	19968	20990	20560	2.58	cps
Neodymium	150-2	7506	7949	7322	7592	4.25	cps
Nickel	60-2	40661	40277	40274	40404	0.55	cps
Phosphorus	31-2	6918	7294	7335	7183	3.20	cps
Potassium	39-2	360982	359081	354999	358354	0.85	cps
Rhodium	103-1	3947231	4032840	3994853	3991641	1.07	cps
Rhodium	103-2	2112139	1955982	2067870	2045330	3.93	cps
Scandium	45-1	2103021	2159482	2142354	2134952	1.36	cps
Scandium	45-2	79894	73706	78949	77516	4.30	cps
Selenium	77-2	33	23	43	33	30.00	cps
Selenium	78-2	76	84	75	78	6.30	cps
Selenium	82-1	214	89	184	162	40.35	cps
Silicon	28-1	3203015	3245345	3250606	3232989	0.81	cps
Silver	109-1	33324	34109	33909	33781	1.21	cps
Silver	107-1	35614	36407	35697	35906	1.21	cps
Sodium	23-2	1431279	1420255	1420914	1424149	0.43	cps
Strontium	86-1	482139	486950	482374	483821	0.56	cps
Strontium	88-1	4119556	4153387	4172234	4148392	0.64	cps
Sulfur	34-1	475516	482947	478588	479017	0.78	cps
Terbium	159-1	5164562	5116012	5149498	5143357	0.48	cps
Terbium	159-2	2538077	2326462	2408219	2424253	4.40	cps
Thallium	203-1	992	858	1067	972	10.85	cps
Thallium	205-1	2292	2250	2059	2200	5.66	cps
Tin	118-1	2629159	2632985	2661236	2641127	0.66	cps
Titanium	47-1	83367	82680	83107	83051	0.42	cps
Uranium	238-1	18314	17638	17504	17819	2.44	cps
Vanadium	51-2	30018	29621	29106	29582	1.55	cps
Yttrium	89-1	5602473	5611268	5519560	5577767	0.91	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:08:23	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	727190	656905	710772	698289	5.27	cps
Zinc	66-2	632784	640691	634814	636096	0.65	cps
Zirconium	90-1	13924	13699	12881	13501	4.06	cps
Zirconium	91-1	3150	3317	3250	3239	2.59	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117941	115423	116053	116472	1.12	cps
Antimony	121-1	38003	39675	38588	38756	2.19	cps
Arsenic	75-2	5247	5075	5191	5171	1.69	cps
Barium	135-1	352951	362692	366643	360762	1.95	cps
Barium	137-1	614477	627235	624419	622043	1.08	cps
Beryllium	9-1	220	234	218	224	3.89	cps
Bismuth	209-1	3058972	3021754	3042811	3041179	0.61	cps
Bismuth	209-2	1805064	1803808	1811450	1806774	0.23	cps
Boron	11-1	33233	36684	39262	36393	8.31	cps
Boron	10-1	7158	7634	8241	7678	7.07	cps
Bromine	81-1	7169	7890	8151	7737	6.57	cps
Cadmium	106-1	1483	1784	1417	1561	12.51	cps
Cadmium	108-1	346	429	396	390	10.75	cps
Cadmium	111-1	4305	4690	4569	4522	4.36	cps
Calcium	43-1	528476	539774	530442	532897	1.13	cps
Calcium	44-1	8543167	8710015	8517601	8590261	1.22	cps
Chromium	52-2	57301	56929	56270	56834	0.92	cps
Cobalt	59-2	11265	11808	11391	11488	2.48	cps
Copper	63-2	372181	377906	375492	375193	0.77	cps
Dysprosium	156-1	11539	11230	11080	11283	2.07	cps
Dysprosium	156-2	4311	4021	4137	4156	3.51	cps
Erbium	164-1	6377	6885	6819	6694	4.13	cps
Erbium	164-2	3474	3147	3210	3277	5.29	cps
Gadolinium	160-1	7344	7627	7477	7483	1.90	cps
Gadolinium	160-2	4284	4314	4427	4342	1.74	cps
Holmium	165-1	4853334	4864684	4872916	4863645	0.20	cps
Holmium	165-2	2549358	2594388	2593576	2579107	1.00	cps
Indium	115-1	4160316	4233796	4240905	4211672	1.06	cps
Indium	115-2	757851	752793	752615	754419	0.39	cps
Iron	54-2	547196	541800	550043	546347	0.77	cps
Iron	56-2	10304010	10091951	10145552	10180504	1.08	cps
Iron	57-2	259211	252396	255645	255750	1.33	cps
Krypton	83-1	870	900	823	864	4.47	cps
Lead	207-1	1616663	1639004	1693543	1649736	2.40	cps
Lead	208-1	7465770	7668895	7758173	7630946	1.96	cps
Lead	206-1	1865887	1941285	1909376	1905516	1.99	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	519891	517820	520708	519473	0.29	cps
Magnesium	24-2	374163	369521	367719	370468	0.90	cps
Manganese	55-2	257702	254934	255954	256197	0.55	cps
Molybdenum	94-1	18122	20988	17445	18852	9.98	cps
Molybdenum	95-1	4843	5259	5285	5129	4.84	cps
Molybdenum	96-1	7536	7927	7928	7797	2.90	cps
Molybdenum	97-1	3159	2975	2975	3037	3.49	cps
Molybdenum	98-1	8278	8303	8428	8336	0.96	cps
Neodymium	150-1	14221	14715	15069	14668	2.90	cps
Neodymium	150-2	5364	5401	5311	5359	0.84	cps
Nickel	60-2	52048	51215	51901	51721	0.86	cps
Phosphorus	31-2	5434	5701	5693	5610	2.70	cps
Potassium	39-2	589526	570178	586144	581949	1.78	cps
Rhodium	103-1	4000061	4052143	3976624	4009609	0.96	cps
Rhodium	103-2	2119285	2096921	2113782	2109996	0.55	cps
Scandium	45-1	2157480	2151966	2167637	2159028	0.37	cps
Scandium	45-2	80370	81456	80527	80785	0.73	cps
Selenium	77-2	20	23	17	20	16.65	cps
Selenium	78-2	75	54	62	64	16.64	cps
Selenium	82-1	65	-35	119	50	156.85	cps
Silicon	28-1	2415224	2428720	2394429	2412791	0.72	cps
Silver	109-1	11463	11947	11380	11597	2.64	cps
Silver	107-1	11839	12181	12239	12086	1.79	cps
Sodium	23-2	4448091	4385174	4427188	4420151	0.72	cps
Strontium	86-1	208997	209850	210181	209676	0.29	cps
Strontium	88-1	1759279	1810739	1825436	1798485	1.93	cps
Sulfur	34-1	415761	415536	410176	413824	0.76	cps
Terbium	159-1	5095990	5149759	5102548	5116099	0.57	cps
Terbium	159-2	2544544	2554070	2551932	2550182	0.20	cps
Thallium	203-1	525	550	708	594	16.73	cps
Thallium	205-1	1500	1550	1442	1497	3.62	cps
Tin	118-1	43813	45744	45811	45122	2.51	cps
Titanium	47-1	58913	59934	62629	60492	3.17	cps
Uranium	238-1	13824	14559	14542	14308	2.93	cps
Vanadium	51-2	18305	17694	17771	17924	1.86	cps
Yttrium	89-1	5681045	5551372	5635545	5622654	1.17	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	705407	713793	697467	705556	1.16	cps
Zinc	66-2	275322	274525	273452	274433	0.34	cps
Zirconium	90-1	45041	44996	40495	43511	6.00	cps
Zirconium	91-1	8336	11581	12007	10642	18.87	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32901	33088	33502	33163	0.93	cps
Antimony	121-1	5760	5535	5685	5660	2.03	cps
Arsenic	75-2	511	504	520	512	1.57	cps
Barium	135-1	89705	91584	93195	91495	1.91	cps
Barium	137-1	155536	160536	158353	158142	1.59	cps
Beryllium	9-1	102	98	110	103	5.91	cps
Bismuth	209-1	2762639	2879925	2859640	2834068	2.21	cps
Bismuth	209-2	1501566	1581679	1641970	1575072	4.47	cps
Boron	11-1	11646	11620	11848	11705	1.07	cps
Boron	10-1	2350	2456	2516	2440	3.44	cps
Bromine	81-1	3584	3754	3594	3644	2.62	cps
Cadmium	106-1	1233	1042	1267	1181	10.29	cps
Cadmium	108-1	104	142	146	131	17.58	cps
Cadmium	111-1	2286	2109	2251	2216	4.23	cps
Calcium	43-1	203110	205327	208766	205734	1.39	cps
Calcium	44-1	3290935	3358698	3404643	3351425	1.71	cps
Chromium	52-2	20325	21042	20562	20643	1.77	cps
Cobalt	59-2	4741	4708	4544	4664	2.26	cps
Copper	63-2	104552	108799	107171	106841	2.01	cps
Dysprosium	156-1	2159	2250	2467	2292	6.91	cps
Dysprosium	156-2	1083	980	1237	1100	11.74	cps
Erbium	164-1	1784	1975	1875	1878	5.11	cps
Erbium	164-2	993	907	960	953	4.59	cps
Gadolinium	160-1	2075	1950	2259	2095	7.41	cps
Gadolinium	160-2	1357	1140	1233	1243	8.74	cps
Holmium	165-1	4552584	4675120	4654896	4627534	1.42	cps
Holmium	165-2	2267212	2331553	2440146	2346304	3.73	cps
Indium	115-1	4042294	4012435	4075524	4043418	0.78	cps
Indium	115-2	661603	704366	734728	700232	5.25	cps
Iron	54-2	214770	216618	212668	214685	0.92	cps
Iron	56-2	4000288	4080408	4078517	4053071	1.13	cps
Iron	57-2	96502	98577	101358	98812	2.47	cps
Krypton	83-1	787	867	880	844	5.98	cps
Lead	207-1	725326	738275	744756	736119	1.34	cps
Lead	208-1	3436990	3540553	3520491	3499345	1.57	cps
Lead	206-1	885965	910873	904310	900383	1.43	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	506080	505919	502384	504795	0.41	cps
Magnesium	24-2	127078	126958	124791	126276	1.02	cps
Manganese	55-2	119421	120931	119361	119904	0.74	cps
Molybdenum	94-1	1925	1750	1867	1847	4.82	cps
Molybdenum	95-1	1800	1725	1825	1784	2.92	cps
Molybdenum	96-1	2050	1967	1959	1992	2.55	cps
Molybdenum	97-1	1033	1200	1150	1128	7.58	cps
Molybdenum	98-1	2775	2767	2884	2809	2.32	cps
Neodymium	150-1	3994	4107	4234	4112	2.92	cps
Neodymium	150-2	1587	1537	1523	1549	2.16	cps
Nickel	60-2	7235	7592	7125	7317	3.34	cps
Phosphorus	31-2	1500	1267	1475	1414	9.06	cps
Potassium	39-2	78598	80500	80734	79944	1.47	cps
Rhodium	103-1	3862582	3824514	3938458	3875185	1.50	cps
Rhodium	103-2	1885749	1995426	2063672	1981616	4.53	cps
Scandium	45-1	2041305	2076132	2084519	2067319	1.11	cps
Scandium	45-2	70175	75243	77420	74279	5.00	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	50	53	57	53	6.58	cps
Selenium	82-1	44	-31	-17	-1	-3213.02	cps
Silicon	28-1	1002967	985799	974974	987914	1.43	cps
Silver	109-1	14892	15960	15826	15559	3.74	cps
Silver	107-1	16377	15442	16527	16115	3.65	cps
Sodium	23-2	260467	259208	260551	260075	0.29	cps
Strontium	86-1	94804	95643	97615	96021	1.50	cps
Strontium	88-1	800805	827220	827269	818431	1.87	cps
Sulfur	34-1	287536	287207	282541	285761	0.98	cps
Terbium	159-1	4838190	4897925	4874285	4870133	0.62	cps
Terbium	159-2	2165156	2290981	2411400	2289179	5.38	cps
Thallium	203-1	225	283	317	275	16.87	cps
Thallium	205-1	467	425	533	475	11.50	cps
Tin	118-1	17829	17086	17729	17548	2.30	cps
Titanium	47-1	16685	16376	16218	16426	1.45	cps
Uranium	238-1	3392	3751	3259	3467	7.34	cps
Vanadium	51-2	5775	6045	5968	5929	2.35	cps
Yttrium	89-1	5134177	5422581	5282603	5279787	2.73	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH15W3	Dilution Factor :	5
Date & Time Acquired ::	2020-02-11 14:14:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	611474	652715	672015	645401	4.79	cps
Zinc	66-2	138284	139509	137068	138287	0.88	cps
Zirconium	90-1	2017	2084	2067	2056	1.69	cps
Zirconium	91-1	475	417	517	469	10.70	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81607	79781	79321	80237	1.51	cps
Antimony	121-1	13524	14416	14583	14174	4.02	cps
Arsenic	75-2	1137	1150	1212	1167	3.44	cps
Barium	135-1	215751	222159	220144	219351	1.49	cps
Barium	137-1	372675	377809	375728	375404	0.69	cps
Beryllium	9-1	164	206	198	189	11.78	cps
Bismuth	209-1	2877100	2888495	2857323	2874306	0.55	cps
Bismuth	209-2	1725521	1715792	1719127	1720146	0.29	cps
Boron	11-1	13900	15055	16112	15022	7.36	cps
Boron	10-1	2846	3184	3380	3136	8.61	cps
Bromine	81-1	4595	4385	4565	4515	2.52	cps
Cadmium	106-1	1458	1517	1408	1461	3.71	cps
Cadmium	108-1	288	250	221	253	13.22	cps
Cadmium	111-1	3787	4083	3965	3945	3.78	cps
Calcium	43-1	492946	497826	503939	498237	1.11	cps
Calcium	44-1	7993583	8099470	8260968	8118007	1.66	cps
Chromium	52-2	41835	42416	41460	41903	1.15	cps
Cobalt	59-2	10284	10381	10167	10277	1.04	cps
Copper	63-2	378864	383387	380147	380799	0.61	cps
Dysprosium	156-1	5793	5935	5668	5799	2.30	cps
Dysprosium	156-2	2607	2784	2634	2675	3.56	cps
Erbium	164-1	4793	4701	4809	4768	1.22	cps
Erbium	164-2	2347	2354	2304	2335	1.16	cps
Gadolinium	160-1	5193	5701	5643	5512	5.05	cps
Gadolinium	160-2	3037	3117	3190	3115	2.46	cps
Holmium	165-1	4751195	4792855	4783826	4775959	0.46	cps
Holmium	165-2	2500162	2513843	2533418	2515808	0.66	cps
Indium	115-1	4208023	4155687	4106532	4156747	1.22	cps
Indium	115-2	740820	737619	741452	739964	0.28	cps
Iron	54-2	507088	505207	505421	505905	0.20	cps
Iron	56-2	9474868	9232601	9326770	9344746	1.31	cps
Iron	57-2	236232	232873	231830	233645	0.98	cps
Krypton	83-1	647	810	770	742	11.47	cps
Lead	207-1	1603284	1577424	1580133	1586947	0.90	cps
Lead	208-1	7549289	7631602	7553492	7578128	0.61	cps
Lead	206-1	1993963	1955313	1997948	1982408	1.19	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	512037	516115	516587	514913	0.49	cps
Magnesium	24-2	294258	285771	280724	286918	2.38	cps
Manganese	55-2	270229	270145	272067	270814	0.40	cps
Molybdenum	94-1	4859	4834	4459	4718	4.75	cps
Molybdenum	95-1	4134	4334	4026	4165	3.76	cps
Molybdenum	96-1	4818	4984	4684	4829	3.11	cps
Molybdenum	97-1	2617	2617	2442	2559	3.95	cps
Molybdenum	98-1	6718	7127	6443	6763	5.09	cps
Neodymium	150-1	9790	9824	9884	9833	0.48	cps
Neodymium	150-2	3901	3601	3797	3766	4.05	cps
Nickel	60-2	20628	20114	20508	20417	1.32	cps
Phosphorus	31-2	3634	3976	3701	3770	4.80	cps
Potassium	39-2	185485	183147	185398	184677	0.72	cps
Rhodium	103-1	3943748	3977455	4035037	3985413	1.16	cps
Rhodium	103-2	2077233	2064235	2138166	2093212	1.89	cps
Scandium	45-1	2095070	2092905	2139577	2109184	1.25	cps
Scandium	45-2	79351	78835	78791	78992	0.39	cps
Selenium	77-2	33	27	17	26	32.81	cps
Selenium	78-2	68	75	67	70	6.23	cps
Selenium	82-1	264	100	105	157	59.72	cps
Silicon	28-1	1790370	1769935	1772298	1777534	0.63	cps
Silver	109-1	16936	17161	17069	17055	0.66	cps
Silver	107-1	17478	17695	17303	17492	1.12	cps
Sodium	23-2	720009	707487	713823	713773	0.88	cps
Strontium	86-1	233696	237891	238017	236534	1.04	cps
Strontium	88-1	2043840	2092784	2015023	2050549	1.92	cps
Sulfur	34-1	359270	353839	358620	357243	0.83	cps
Terbium	159-1	4973213	5001724	5092737	5022558	1.24	cps
Terbium	159-2	2519859	2442204	2459919	2473994	1.64	cps
Thallium	203-1	517	442	375	444	15.95	cps
Thallium	205-1	967	1008	708	895	18.17	cps
Tin	118-1	1300218	1306368	1325287	1310624	1.00	cps
Titanium	47-1	41252	41394	41586	41410	0.40	cps
Uranium	238-1	8928	8645	8511	8695	2.45	cps
Vanadium	51-2	14501	14544	13954	14333	2.30	cps
Yttrium	89-1	5513628	5536363	5409428	5486473	1.23	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W4	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:16:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	694001	693694	691827	693174	0.17	cps
Zinc	66-2	317035	317983	311219	315412	1.16	cps
Zirconium	90-1	6802	6643	6894	6780	1.87	cps
Zirconium	91-1	1342	1492	1492	1442	6.01	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59802	60633	60157	60197	0.69	cps
Antimony	121-1	20382	19423	19297	19701	3.01	cps
Arsenic	75-2	2600	2630	2604	2611	0.62	cps
Barium	135-1	179040	184242	185600	182961	1.89	cps
Barium	137-1	316961	317878	322863	319234	0.99	cps
Beryllium	9-1	156	112	114	127	19.51	cps
Bismuth	209-1	2945132	2922022	2944680	2937278	0.45	cps
Bismuth	209-2	1717438	1749868	1747077	1738128	1.03	cps
Boron	11-1	18448	20224	21373	20015	7.36	cps
Boron	10-1	3882	4154	4402	4146	6.27	cps
Bromine	81-1	4896	5006	5317	5073	4.30	cps
Cadmium	106-1	1267	1267	1175	1236	4.28	cps
Cadmium	108-1	163	167	125	151	15.16	cps
Cadmium	111-1	2531	2712	2502	2582	4.40	cps
Calcium	43-1	269358	271347	269409	270038	0.42	cps
Calcium	44-1	4411447	4451051	4549417	4470639	1.59	cps
Chromium	52-2	30038	29935	30900	30291	1.75	cps
Cobalt	59-2	7068	6902	6768	6913	2.18	cps
Copper	63-2	202798	204997	206737	204844	0.96	cps
Dysprosium	156-1	5510	5843	5401	5585	4.12	cps
Dysprosium	156-2	2077	2160	2130	2122	1.99	cps
Erbium	164-1	3309	3501	3317	3376	3.21	cps
Erbium	164-2	1537	1657	1723	1639	5.77	cps
Gadolinium	160-1	3776	3959	3634	3790	4.30	cps
Gadolinium	160-2	2240	2097	2334	2224	5.36	cps
Holmium	165-1	4757572	4740988	4812818	4770460	0.79	cps
Holmium	165-2	2474673	2494020	2510365	2493019	0.72	cps
Indium	115-1	4217805	4036071	4116896	4123591	2.21	cps
Indium	115-2	734576	743792	748675	742348	0.96	cps
Iron	54-2	280070	282086	281570	281242	0.37	cps
Iron	56-2	5235344	5322356	5374082	5310594	1.32	cps
Iron	57-2	130743	130111	131679	130845	0.60	cps
Krypton	83-1	837	880	787	834	5.60	cps
Lead	207-1	824120	824360	842086	830189	1.24	cps
Lead	208-1	3835089	3850160	3905051	3863433	0.95	cps
Lead	206-1	958207	969142	959889	962412	0.61	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	513596	512605	510931	512378	0.26	cps
Magnesium	24-2	190461	190815	194268	191848	1.10	cps
Manganese	55-2	129519	129492	132297	130436	1.24	cps
Molybdenum	94-1	8595	9488	9429	9171	5.45	cps
Molybdenum	95-1	2825	2509	2842	2725	6.89	cps
Molybdenum	96-1	3867	3926	3959	3917	1.18	cps
Molybdenum	97-1	1625	1525	1550	1567	3.32	cps
Molybdenum	98-1	4451	3901	4493	4281	7.72	cps
Neodymium	150-1	6655	7202	7069	6975	4.09	cps
Neodymium	150-2	2757	2824	2594	2725	4.34	cps
Nickel	60-2	35698	35795	35324	35606	0.70	cps
Phosphorus	31-2	2750	2550	2884	2728	6.15	cps
Potassium	39-2	303498	299378	307248	303375	1.30	cps
Rhodium	103-1	3967787	4002519	3959128	3976478	0.58	cps
Rhodium	103-2	2137751	2112533	2096157	2115481	0.99	cps
Scandium	45-1	2167242	2117126	2086847	2123738	1.91	cps
Scandium	45-2	77675	78939	80310	78975	1.67	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	69	70	52	64	15.89	cps
Selenium	82-1	-16	-39	58	1	5403.36	cps
Silicon	28-1	1391001	1430101	1409116	1410073	1.39	cps
Silver	109-1	5935	5710	5910	5851	2.11	cps
Silver	107-1	6210	6227	6452	6296	2.14	cps
Sodium	23-2	2305736	2349682	2350862	2335427	1.10	cps
Strontium	86-1	104682	108771	105279	106244	2.08	cps
Strontium	88-1	913350	921423	910243	915005	0.63	cps
Sulfur	34-1	333861	330748	332266	332292	0.47	cps
Terbium	159-1	5016284	4961697	5021868	4999950	0.66	cps
Terbium	159-2	2417919	2495434	2517477	2476943	2.11	cps
Thallium	203-1	233	250	258	247	5.15	cps
Thallium	205-1	642	625	692	653	5.32	cps
Tin	118-1	22152	22945	23588	22895	3.14	cps
Titanium	47-1	31067	31953	31151	31390	1.56	cps
Uranium	238-1	7311	7286	7302	7300	0.17	cps
Vanadium	51-2	9303	8956	9230	9163	2.00	cps
Yttrium	89-1	5460655	5417499	5428481	5435545	0.41	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	L1467-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH15W5	Dilution Factor :	2
Date & Time Acquired ::	2020-02-11 14:19:44	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	684123	683874	697479	688492	1.13	cps
Zinc	66-2	140077	139886	140128	140031	0.09	cps
Zirconium	90-1	23345	20515	20749	21536	7.29	cps
Zirconium	91-1	4559	4476	4226	4420	3.93	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:25:24	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	890522	882920	869839	881094	1.19	cps
Antimony	121-1	2036154	2055757	2063608	2051840	0.69	cps
Arsenic	75-2	70092	69651	70414	70052	0.55	cps
Barium	135-1	2149902	2129211	2133197	2137437	0.51	cps
Barium	137-1	3679221	3652000	3658725	3663315	0.39	cps
Beryllium	9-1	194647	203697	200501	199615	2.30	cps
Bismuth	209-1	2745876	2744859	2811817	2767517	1.39	cps
Bismuth	209-2	1649970	1623348	1663679	1645666	1.25	cps
Boron	11-1	68906	76594	80548	75350	7.86	cps
Boron	10-1	14330	16078	16588	15665	7.56	cps
Bromine	81-1	3174	3043	2923	3047	4.11	cps
Cadmium	106-1	45016	45693	45016	45242	0.86	cps
Cadmium	108-1	30738	31490	31102	31110	1.21	cps
Cadmium	111-1	440306	443185	440799	441430	0.35	cps
Calcium	43-1	1943309	1950566	1947326	1947067	0.19	cps
Calcium	44-1	31985233	31174047	32128253	31762511	1.62	cps
Chromium	52-2	492950	487004	489933	489962	0.61	cps
Cobalt	59-2	889402	883441	883070	885305	0.40	cps
Copper	63-2	1363333	1351293	1356611	1357079	0.44	cps
Dysprosium	156-1	150	100	108	119	22.43	cps
Dysprosium	156-2	53	53	60	56	6.93	cps
Erbium	164-1	42	58	92	64	39.85	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	150	167	125	147	14.25	cps
Gadolinium	160-2	70	93	60	74	22.98	cps
Holmium	165-1	4779684	4754800	4687406	4740630	1.01	cps
Holmium	165-2	2511283	2486306	2571829	2523139	1.74	cps
Indium	115-1	4189894	4112369	4101244	4134502	1.17	cps
Indium	115-2	755991	755315	760659	757322	0.38	cps
Iron	54-2	5146796	5110978	5116929	5124901	0.37	cps
Iron	56-2	95124630	92877113	93663827	93888523	1.21	cps
Iron	57-2	2417374	2359473	2387366	2388071	1.21	cps
Krypton	83-1	910	823	810	848	6.40	cps
Lead	207-1	997907	998470	991340	995906	0.40	cps
Lead	208-1	4609852	4655599	4638948	4634800	0.50	cps
Lead	206-1	1145099	1150251	1126976	1140775	1.07	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : CCV007 Instrumnet Name : P8
 Client Sample ID : CCV007 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 14:25:24 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	529697	532692	522909	528432	0.95	cps
Magnesium	24-2	11146910	11229535	11176682	11184376	0.37	cps
Manganese	55-2	457789	458988	461793	459524	0.45	cps
Molybdenum	94-1	3622299	3630458	3576277	3609678	0.81	cps
Molybdenum	95-1	4641976	4567728	4530412	4580039	1.24	cps
Molybdenum	96-1	5001444	4939703	4984337	4975162	0.64	cps
Molybdenum	97-1	2810413	2843935	2793874	2816074	0.91	cps
Molybdenum	98-1	7186418	7240495	7314647	7247187	0.89	cps
Neodymium	150-1	140	87	100	109	25.49	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	245001	245599	243944	244848	0.34	cps
Phosphorus	31-2	10746	11280	11038	11021	2.43	cps
Potassium	39-2	5308616	5351188	5410784	5356862	0.96	cps
Rhodium	103-1	3846209	3884342	3793037	3841196	1.19	cps
Rhodium	103-2	2032786	2013666	2049686	2032046	0.89	cps
Scandium	45-1	2210986	2139209	2224737	2191644	2.10	cps
Scandium	45-2	81184	82425	82090	81900	0.78	cps
Selenium	77-2	973	1000	977	983	1.48	cps
Selenium	78-2	3299	3187	3258	3248	1.75	cps
Selenium	82-1	26530	27919	27095	27182	2.57	cps
Silicon	28-1	1198563	1248343	1288707	1245204	3.63	cps
Silver	109-1	2150177	2154588	2160312	2155026	0.24	cps
Silver	107-1	2230572	2250389	2230368	2237110	0.51	cps
Sodium	23-2	21559072	21463697	21592642	21538470	0.31	cps
Strontium	86-1	544544	551551	551628	549241	0.74	cps
Strontium	88-1	4736478	4699867	4706401	4714249	0.41	cps
Sulfur	34-1	365133	360059	363566	362919	0.72	cps
Terbium	159-1	4971925	5045752	4947381	4988353	1.03	cps
Terbium	159-2	2470436	2439023	2506768	2472076	1.37	cps
Thallium	203-1	1409764	1428371	1413210	1417115	0.70	cps
Thallium	205-1	3301121	3308700	3315600	3308474	0.22	cps
Tin	118-1	1421678	1410667	1410260	1414202	0.46	cps
Titanium	47-1	1037366	1065976	1061152	1054831	1.45	cps
Uranium	238-1	4124348	4199513	4225654	4183172	1.26	cps
Vanadium	51-2	393652	393645	399018	395438	0.78	cps
Yttrium	89-1	5478213	5482351	5376876	5445814	1.10	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:25:24	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	701815	695556	703113	700161	0.58	cps
Zinc	66-2	184486	181996	183266	183249	0.68	cps
Zirconium	90-1	2856752	2932779	2864795	2884775	1.45	cps
Zirconium	91-1	648095	651024	644687	647936	0.49	cps

LB Number : LB107704 Operator : Jaswal
 Lab Sample ID : CCB007 Instrumnet Name : P8
 Client Sample ID : CCB007 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-11 14:29:19 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430	373	323	376	14.21	cps
Antimony	121-1	283	292	200	258	19.62	cps
Arsenic	75-2	7	7	4	6	28.87	cps
Barium	135-1	92	108	100	100	8.33	cps
Barium	137-1	167	117	167	150	19.24	cps
Beryllium	9-1	72	62	50	61	17.96	cps
Bismuth	209-1	2754672	2768478	2745687	2756279	0.42	cps
Bismuth	209-2	1585880	1629967	1615045	1610298	1.39	cps
Boron	11-1	10986	10396	10071	10484	4.42	cps
Boron	10-1	2292	2066	2038	2132	6.53	cps
Bromine	81-1	3094	2923	2713	2910	6.55	cps
Cadmium	106-1	1017	1042	825	961	12.33	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Cadmium	111-1	798	776	644	739	11.27	cps
Calcium	43-1	433	317	367	372	15.72	cps
Calcium	44-1	38661	40182	40433	39758	2.41	cps
Chromium	52-2	1607	1680	1550	1612	4.04	cps
Cobalt	59-2	67	67	67	67	0.00	cps
Copper	63-2	277	380	280	312	18.81	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	20	8	137.80	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	4464413	4575598	4507598	4515870	1.24	cps
Holmium	165-2	2340114	2377518	2425707	2381113	1.80	cps
Indium	115-1	4070082	4017664	4019739	4035828	0.74	cps
Indium	115-2	704173	712651	706762	707862	0.61	cps
Iron	54-2	756	750	617	707	11.12	cps
Iron	56-2	8581	8291	8108	8327	2.86	cps
Iron	57-2	267	244	217	243	10.33	cps
Krypton	83-1	840	897	823	853	4.51	cps
Lead	207-1	350	294	333	326	8.75	cps
Lead	208-1	1567	1583	1517	1556	2.23	cps
Lead	206-1	417	511	350	426	19.01	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:29:19	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	514310	510635	504011	509652	1.02	cps
Magnesium	24-2	758	842	725	775	7.75	cps
Manganese	55-2	127	103	97	109	14.47	cps
Molybdenum	94-1	300	425	233	319	30.46	cps
Molybdenum	95-1	267	300	350	306	13.73	cps
Molybdenum	96-1	425	500	383	436	13.56	cps
Molybdenum	97-1	158	192	217	189	15.49	cps
Molybdenum	98-1	508	475	533	506	5.79	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	127	123	93	114	16.04	cps
Phosphorus	31-2	58	75	92	75	22.23	cps
Potassium	39-2	18971	18287	18779	18679	1.89	cps
Rhodium	103-1	3783076	3828290	3844777	3818714	0.84	cps
Rhodium	103-2	2000897	2001821	1992502	1998407	0.26	cps
Scandium	45-1	2056758	2035233	2040638	2044210	0.55	cps
Scandium	45-2	73731	75607	75903	75080	1.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	64	57	60	60	5.82	cps
Selenium	82-1	33	-78	-23	-23	-242.51	cps
Silicon	28-1	378768	374414	377143	376775	0.58	cps
Silver	109-1	175	217	158	183	16.39	cps
Silver	107-1	167	217	158	181	17.47	cps
Sodium	23-2	37248	36914	37933	37365	1.39	cps
Strontium	86-1	1342	1083	1342	1256	11.88	cps
Strontium	88-1	333	325	317	325	2.56	cps
Sulfur	34-1	260034	262157	259806	260666	0.50	cps
Terbium	159-1	4752186	4734756	4651711	4712884	1.14	cps
Terbium	159-2	2353616	2371917	2360211	2361915	0.39	cps
Thallium	203-1	408	417	433	419	3.03	cps
Thallium	205-1	992	867	1067	975	10.36	cps
Tin	118-1	383	358	325	356	8.23	cps
Titanium	47-1	625	558	808	664	19.50	cps
Uranium	238-1	217	242	167	208	18.33	cps
Vanadium	51-2	23	40	20	28	38.58	cps
Yttrium	89-1	5113000	5115140	5100146	5109429	0.16	cps

LB Number :	LB107704	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-02-11 14:29:19	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	636710	654820	654713	648748	1.61	cps
Zinc	66-2	127	150	90	122	24.75	cps
Zirconium	90-1	467	317	425	403	19.22	cps
Zirconium	91-1	83	125	92	100	22.04	cps