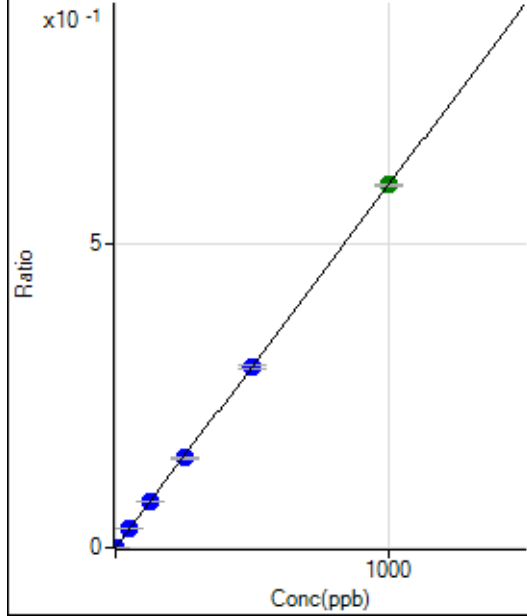


Batch Folder: D:\ICP-MS Data\P7101719A.b\
Analysis File: P7101719A.batch.bin
DA Date-Time: 2019-10-18 00:33:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-10-17 17:00:55
2			
3	005CALS.d	S02	2019-10-17 17:09:09
4	006CALS.d	S03	2019-10-17 17:13:03
5	007CALS.d	S04	2019-10-17 17:17:11
6	008CALS.d	S05	2019-10-17 17:20:57
7	009CALS.d	S06	2019-10-17 17:24:41
8	010CALS.d	S07	2019-10-17 17:28:24
9	011CALS.d	S08	2019-10-17 17:32:09

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0000	P	37.2
2	☐	0.100					
3	☐	1.000	1.094	5089.86	0.0007	P	5.0
4	☐	50.000	52.143	249258.21	0.0310	P	1.8
5	☐	125.000	126.632	606353.32	0.0754	P	0.7
6	☐	250.000	246.980	1166650.14	0.1470	P	1.0
7	☐	500.000	499.802	2219544.70	0.2974	P	1.6
8	☐	1000.000	1000.543	4241784.50	0.5954	A	0.4
9	☐			509.28	0.0001	P	19.4

$$y = 5.9507\text{E-}004 * x + 7.8218\text{E-}006$$

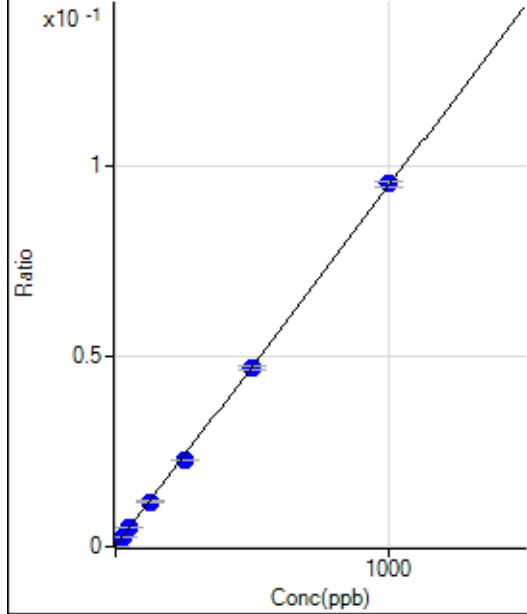
$$R = 1.0000$$

$$DL = 0.01467$$

$$BEC = 0.01314$$

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	663.93	0.0001	P	7.1
2	☐	2.500					
3	☐	25.000	25.409	19249.09	0.0025	P	1.5
4	☐	50.000	51.025	39452.81	0.0049	P	0.7
5	☐	125.000	123.736	94834.60	0.0118	P	1.7
6	☐	250.000	240.588	181251.61	0.0228	P	0.7
7	☐	500.000	494.406	349474.91	0.0468	P	2.3
8	☐	1000.000	1005.246	677703.07	0.0951	P	1.4
9	☐			24607.08	0.0037	P	8.4

$$y = 9.4546\text{E-}005 * x + 8.7749\text{E-}005$$

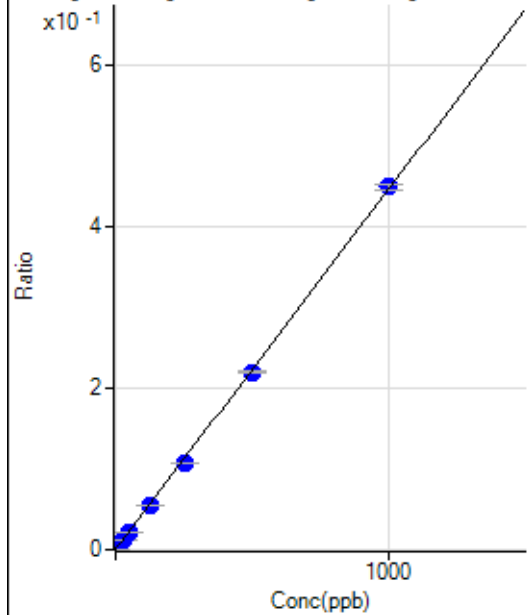
$$R = 0.9999$$

$$DL = 0.1975$$

$$BEC = 0.9281$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3050.43	0.0004	P	7.5
2	☐	2.500					
3	☐	25.000	24.937	89036.03	0.0115	P	0.7
4	☐	50.000	49.219	179463.16	0.0223	P	1.2
5	☐	125.000	121.706	439691.71	0.0547	P	2.4
6	☐	250.000	237.839	844742.78	0.1064	P	0.6
7	☐	500.000	493.006	1642961.60	0.2202	P	2.0
8	☐	1000.000	1006.990	3200565.37	0.4493	P	1.4
9	☐			114987.95	0.0172	P	6.4

$$y = 4.4576\text{E-}004 * x + 4.0329\text{E-}004$$

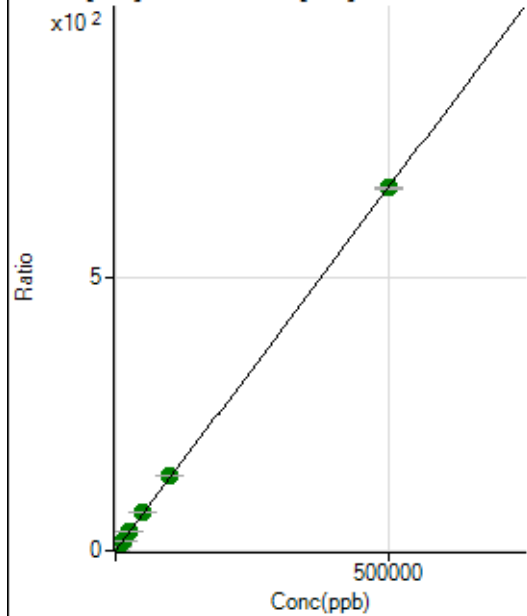
$$R = 0.9999$$

$$DL = 0.2035$$

$$BEC = 0.9047$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14927.46	0.0239	P	3.3
2	☐	50.000					
3	☐	500.000	541.599	467813.59	0.7469	P	0.6
4	☐	5000.000	5384.765	4376489.29	7.2126	A	0.2
5	☐	12500.000	13404.716	10711322.98	17.9194	A	0.4
6	☐	25000.000	26496.199	21329025.30	35.3967	A	0.7
7	☐	50000.000	52033.620	43995771.82	69.4896	A	1.1
8	☐	100000.00	102265.07	89738868.67	136.5495	A	0.4
9	☐	500000.00	499242.30	480682844.08	666.5208	A	0.9

$$y = 0.0013 * x + 0.0239$$

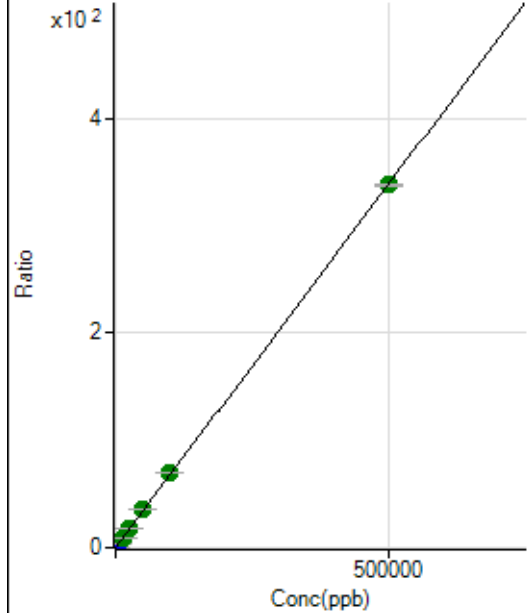
$$R = 1.0000$$

$$DL = 1.775$$

$$BEC = 17.87$$

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	380.58	0.0006	P	20.4
2	☐	50.000					
3	☐	500.000	568.002	241091.18	0.3849	P	0.3
4	☐	5000.000	5464.555	2243806.88	3.6979	P	1.1
5	☐	12500.000	13518.489	5467703.64	9.1472	A	0.8
6	☐	25000.000	26696.226	10884019.86	18.0632	A	0.9
7	☐	50000.000	52213.979	22368843.21	35.3284	A	0.7
8	☐	100000.00	102929.26	45766675.33	69.6422	A	0.7
9	☐	500000.00	499077.76	243526683.22	337.6749	A	0.7

$$y = 6.7660\text{E-}004 * x + 6.0816\text{E-}004$$

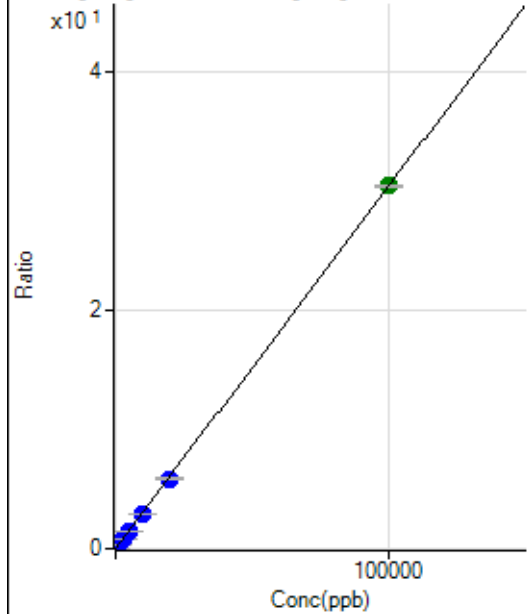
$$R = 1.0000$$

$$DL = 0.5514$$

$$BEC = 0.8989$$

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	88.90	0.0001	P	19.3
2	☐	2.000					
3	☐	20.000	21.107	4111.84	0.0066	P	5.7
4	☐	1000.000	1009.861	186552.20	0.3075	P	1.3
5	☐	2500.000	2481.644	451500.18	0.7553	P	1.0
6	☐	5000.000	4963.289	910173.89	1.5105	P	0.8
7	☐	10000.000	9731.078	1875007.42	2.9614	P	1.0
8	☐	20000.000	19333.916	3866433.72	5.8837	P	1.3
9	☐	100000.00	100162.30	21982370.80	30.4808	A	0.7

$$y = 3.0431\text{E-}004 * x + 1.4201\text{E-}004$$

$$R = 1.0000$$

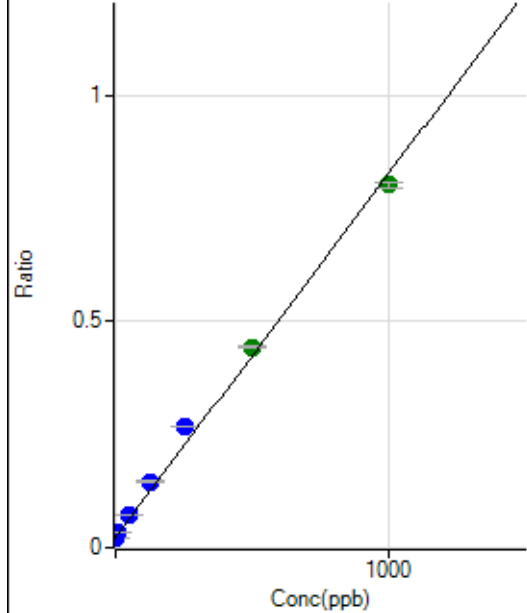
$$DL = 0.2703$$

$$BEC = 0.4666$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347536.32	0.0229	P	0.4
2	☐	1.000					
3	☐	10.000	11.761	480786.17	0.0324	P	1.2
4	☐	50.000	62.147	1070518.81	0.0729	P	0.7
5	☐	125.000	153.748	2103840.65	0.1465	P	0.4
6	☐	250.000	305.646	3829931.99	0.2686	P	0.8
7	☐	500.000	524.324	6452228.92	0.4443	A	0.8
8	☐	1000.000	969.708	12225613.29	0.8023	A	1.2
9	☐			1242798.68	0.0787	P	0.8

$$y = 8.0376E-004 * x + 0.0229$$

$$R = 0.9976$$

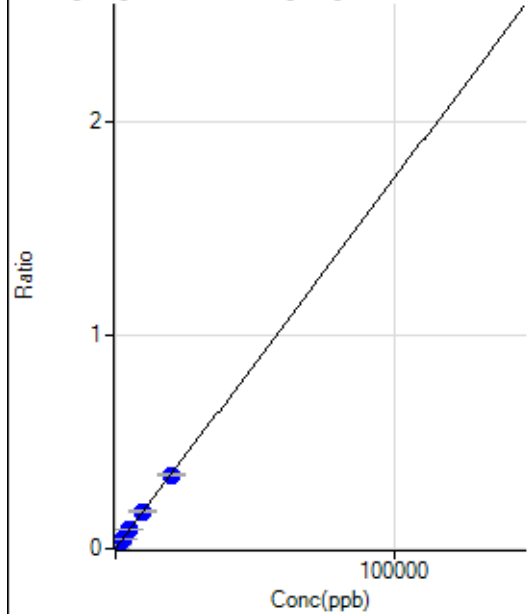
$$DL = 0.3631$$

$$BEC = 28.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-27.640	152.78	0.0002	P	11.2
2	☐	0.000					
3	☐	0.000	27.640	752.83	0.0012	P	16.1
4	☐	1000.000	1025.928	11224.16	0.0185	P	4.2
5	☐	2500.000	2507.780	26404.80	0.0442	P	2.7
6	☐	5000.000	5152.758	54230.28	0.0900	P	1.2
7	☐	10000.000	10053.041	110728.82	0.1749	P	1.6
8	☐	20000.000	19933.021	227419.11	0.3461	P	1.5
9	☐			252.79	0.0004	P	5.3

$$y = 1.7326E-005 * x + 7.2298E-004$$

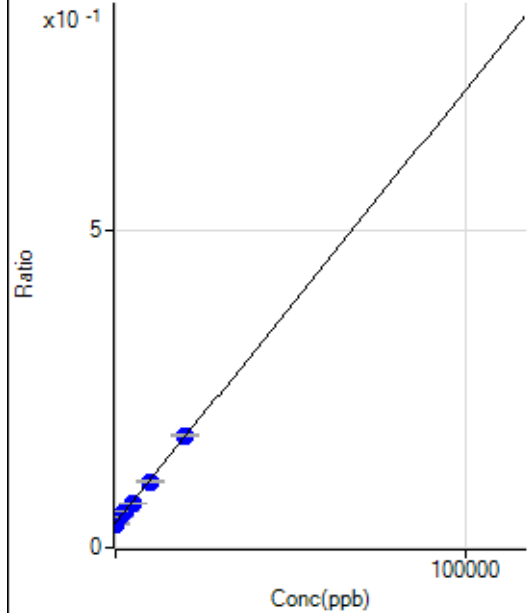
$$R = 1.0000$$

$$DL = 19.12$$

$$BEC = 41.73$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-221.399	564134.84	0.0372	P	0.4
2	☐	0.000					
3	☐	0.000	221.399	597257.73	0.0402	P	1.0
4	☐	1000.000	1328.479	701413.86	0.0477	P	0.8
5	☐	2500.000	2613.554	811326.62	0.0565	P	1.4
6	☐	5000.000	4667.950	1005029.42	0.0705	P	1.4
7	☐	10000.000	9623.728	1513423.25	0.1042	P	0.6
8	☐	20000.000	20240.531	2690004.62	0.1765	P	0.6
9	☐			525515.99	0.0333	P	1.9

$$y = 6.8102\text{E-}006 * x + 0.0387$$

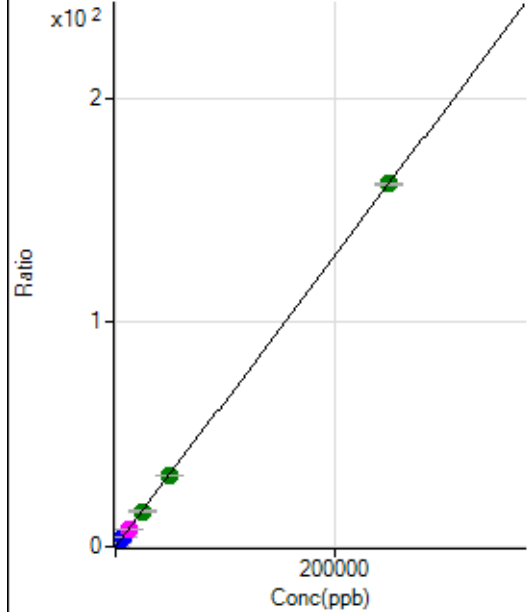
$$R = 0.9992$$

$$DL = 126$$

$$BEC = 5681$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30902.40	0.0494	P	0.8
2	☐	50.000					
3	☐	500.000	513.201	238604.22	0.3809	P	0.1
4	☐	2500.000	2484.998	1004159.88	1.6549	P	0.2
5	☐	6250.000	6133.598	2398289.01	4.0122	P	0.9
6	☐	12500.000	12229.514	4790666.90	7.9506	M	0.8
7	☐	25000.000	24384.791	10006229.04	15.8039	A	1.1
8	☐	50000.000	49085.522	20873530.50	31.7626	A	0.6
9	☐	250000.00	250260.97	116643860.94	161.7385	A	0.6

$$y = 6.4608\text{E-}004 * x + 0.0494$$

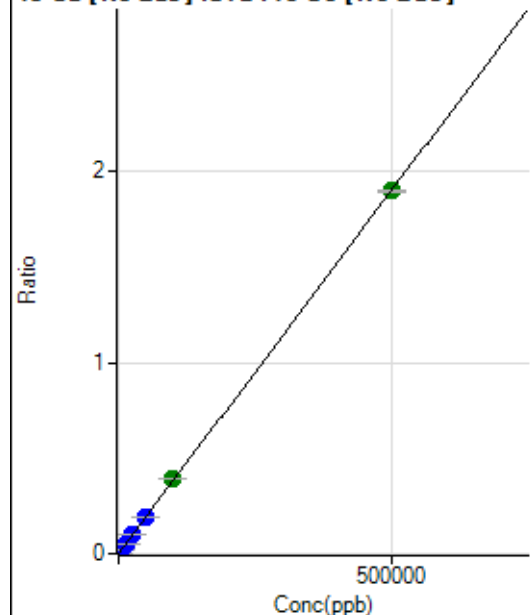
$$R = 1.0000$$

$$DL = 1.822$$

$$BEC = 76.42$$

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	455.58	0.0000	P	2.3
2	☐	50.000					
3	☐	500.000	515.932	29563.67	0.0020	P	2.3
4	☐	5000.000	5110.387	285606.28	0.0194	P	0.5
5	☐	12500.000	12601.171	687759.27	0.0479	P	1.0
6	☐	25000.000	25448.318	1378578.56	0.0967	P	1.2
7	☐	50000.000	50563.439	2788737.13	0.1921	P	0.7
8	☐	100000.00	102381.52	5925177.82	0.3888	A	0.6
9	☐	500000.00	499441.28	29970586.78	1.8967	A	0.2

$$y = 3.7977\text{E-}006 * x + 3.0028\text{E-}005$$

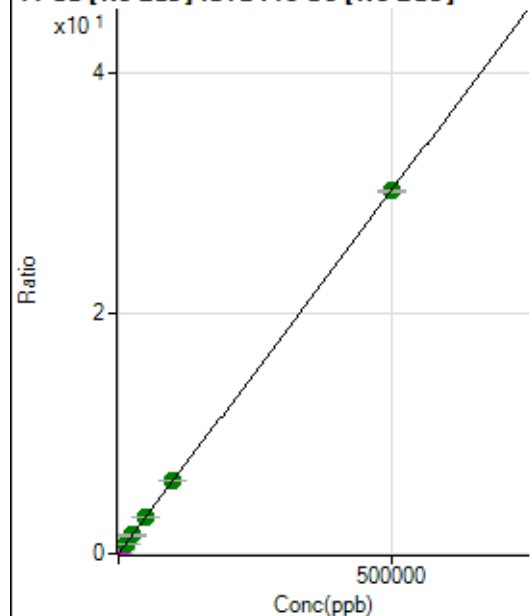
$$R = 1.0000$$

$$DL = 0.5381$$

$$BEC = 7.907$$

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	60721.04	0.0040	P	1.4
2	☐	50.000					
3	☐	500.000	516.647	523773.05	0.0353	P	0.7
4	☐	5000.000	5194.214	4674971.89	0.3182	M	1.6
5	☐	12500.000	12531.686	10943554.41	0.7620	A	0.5
6	☐	25000.000	25200.710	21792450.66	1.5282	A	0.9
7	☐	50000.000	50545.074	44448269.74	3.0611	A	0.4
8	☐	100000.00	101536.37	93643722.23	6.1452	A	0.3
9	☐	500000.00	499625.43	477554488.45	30.2226	A	0.3

$$y = 6.0483\text{E-}005 * x + 0.0040$$

$$R = 1.0000$$

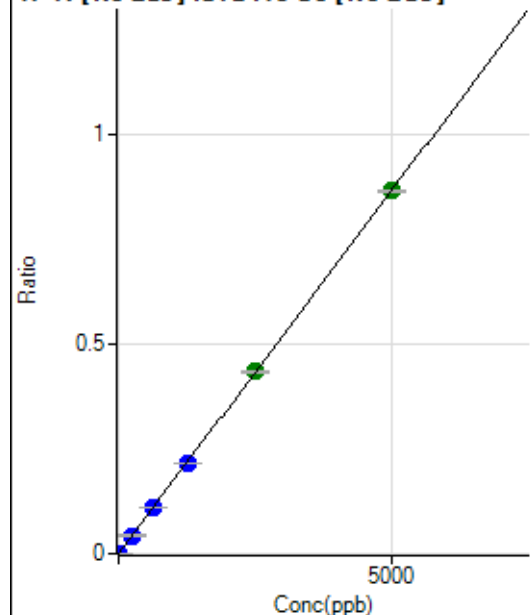
$$DL = 2.861$$

$$BEC = 66.17$$

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	177.79	0.0000	P	43.7
2	☐	0.500					
3	☐	5.000	5.330	13907.07	0.0009	P	2.4
4	☐	250.000	250.865	639430.66	0.0435	P	1.0
5	☐	625.000	624.047	1554568.91	0.1082	P	0.5
6	☐	1250.000	1243.007	3074296.79	0.2156	P	0.8
7	☐	2500.000	2506.534	6312181.82	0.4347	A	0.4
8	☐	5000.000	4998.557	13210272.00	0.8669	A	0.3
9	☐			3336.63	0.0002	P	4.3

$$y = 1.7343\text{E-}004 * x + 1.1723\text{E-}005$$

$$R = 1.0000$$

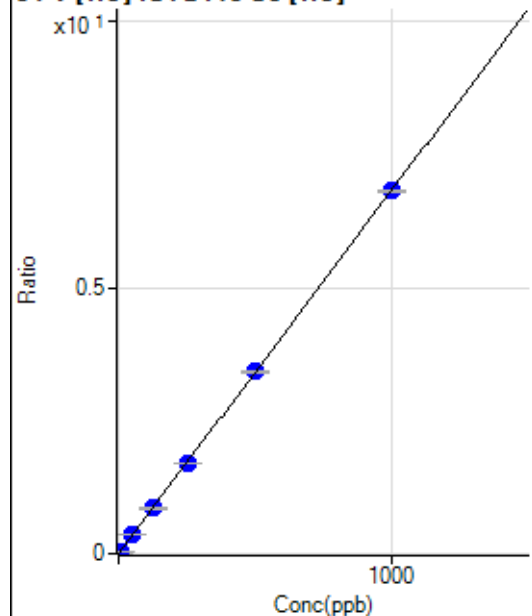
$$DL = 0.08868$$

$$BEC = 0.0676$$

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	14.45	0.0000	P	48.0
2	☐	0.500					
3	☐	5.000	5.496	23520.04	0.0376	P	1.6
4	☐	50.000	50.496	209241.43	0.3448	P	0.4
5	☐	125.000	124.573	508498.57	0.8507	P	0.6
6	☐	250.000	249.408	1026246.37	1.7031	P	0.4
7	☐	500.000	502.341	2171823.32	3.4303	P	1.2
8	☐	1000.000	999.003	4483037.40	6.8219	P	0.9
9	☐			1086.73	0.0015	P	4.4

$$y = 0.0068 * x + 2.3077\text{E-}005$$

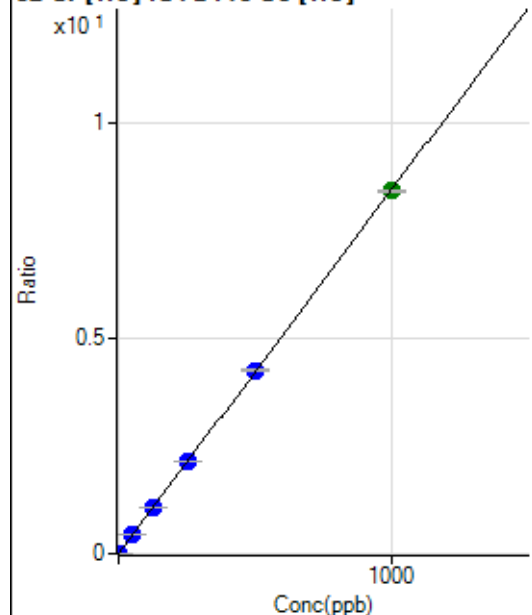
$$R = 1.0000$$

$$DL = 0.004867$$

$$BEC = 0.003379$$

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	948.93	0.0015	P	3.1
2	☐	0.200					
3	☐	2.000	2.091	12032.83	0.0192	P	1.8
4	☐	50.000	51.458	265188.91	0.4371	P	1.3
5	☐	125.000	127.613	646554.07	1.0816	P	0.3
6	☐	250.000	252.560	1288992.08	2.1392	P	0.3
7	☐	500.000	503.803	2700780.86	4.2657	P	0.9
8	☐	1000.000	997.059	5547143.39	8.4406	A	0.3
9	☐			207655.43	0.2879	P	1.0

$$y = 0.0085 * x + 0.0015$$

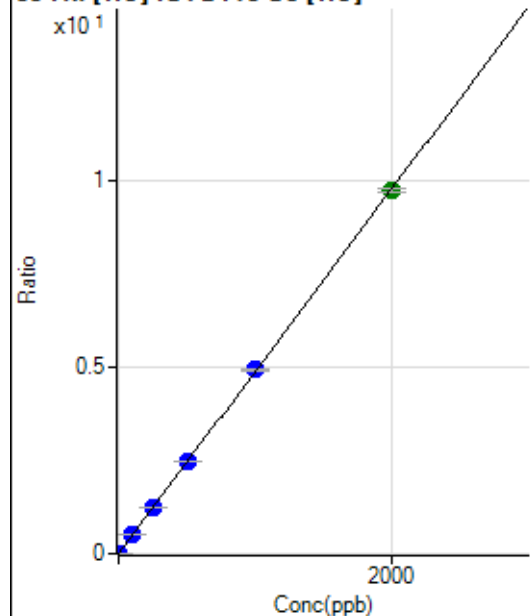
$$R = 1.0000$$

$$DL = 0.01646$$

$$BEC = 0.1791$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0001	P	17.5
2	☐	0.100					
3	☐	1.000	1.080	3360.43	0.0054	P	0.4
4	☐	100.000	103.324	306097.07	0.5045	P	1.3
5	☐	250.000	253.051	738456.24	1.2354	P	0.6
6	☐	500.000	507.968	1494221.36	2.4798	P	0.5
7	☐	1000.000	1012.333	3128893.81	4.9419	P	1.0
8	☐	2000.000	1991.294	6388030.95	9.7208	A	1.0
9	☐			25167.30	0.0349	P	0.8

$$y = 0.0049 * x + 9.2304E-005$$

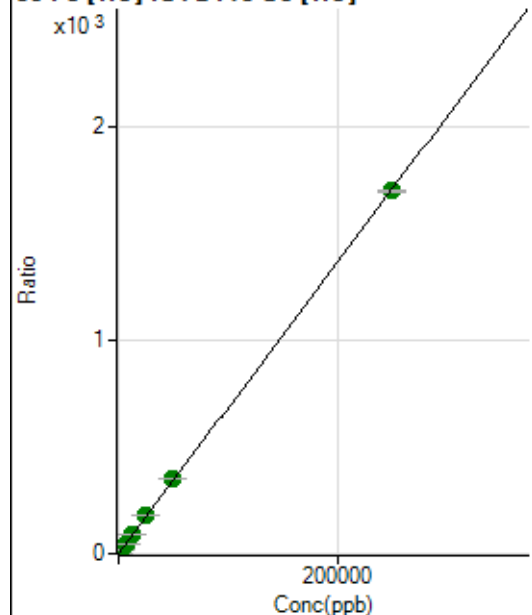
$$R = 1.0000$$

$$DL = 0.009902$$

$$BEC = 0.01891$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6640.59	0.0106	P	1.5
2	☐	5.000					
3	☐	50.000	58.840	258272.70	0.4124	P	0.5
4	☐	2500.000	2729.352	11313407.78	18.6456	A	1.3
5	☐	6250.000	6659.260	27184422.60	45.4775	A	0.2
6	☐	12500.000	13353.767	54943615.58	91.1850	A	0.8
7	☐	25000.000	26408.281	114163885.88	180.3163	A	1.0
8	☐	50000.000	51922.869	232975034.84	354.5202	A	0.9
9	☐	250000.00	249419.38	1228129686.7	1,702.951	A	0.6

$$y = 0.0068 * x + 0.0106$$

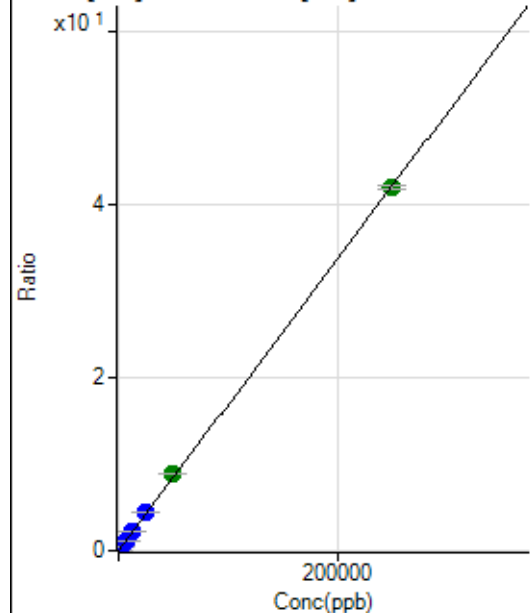
$$R = 1.0000$$

$$DL = 0.07114$$

$$BEC = 1.554$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	429.65	0.0007	P	12.6
2	☐	5.000					
3	☐	50.000	60.476	6796.20	0.0109	P	0.9
4	☐	2500.000	2738.256	279658.44	0.4609	P	0.9
5	☐	6250.000	6656.162	669106.88	1.1194	P	0.6
6	☐	12500.000	13299.312	1347228.97	2.2359	P	0.8
7	☐	25000.000	26361.567	2805514.13	4.4312	P	1.3
8	☐	50000.000	52658.935	5816861.18	8.8509	A	0.4
9	☐	250000.00	249279.55	30214290.26	41.8965	A	1.0

$$y = 1.6807E-004 * x + 6.8646E-004$$

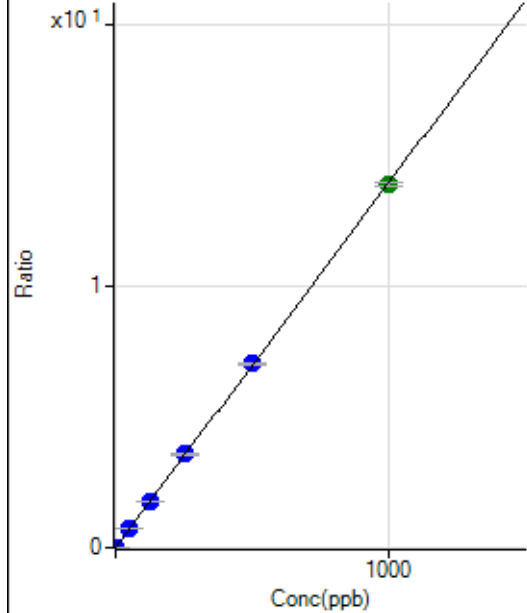
$$R = 0.9999$$

$$DL = 1.547$$

$$BEC = 4.084$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0002	P	8.8
2	☐	0.100					
3	☐	1.000	1.069	9490.98	0.0152	P	0.8
4	☐	50.000	52.864	447342.38	0.7372	P	0.5
5	☐	125.000	128.262	1069024.10	1.7884	P	0.3
6	☐	250.000	255.916	2149927.14	3.5681	P	0.8
7	☐	500.000	505.746	4464190.70	7.0510	P	1.1
8	☐	1000.000	995.097	9116641.11	13.8732	A	1.2
9	☐			113279.97	0.1571	P	0.8

$$y = 0.0139 * x + 2.4675E-004$$

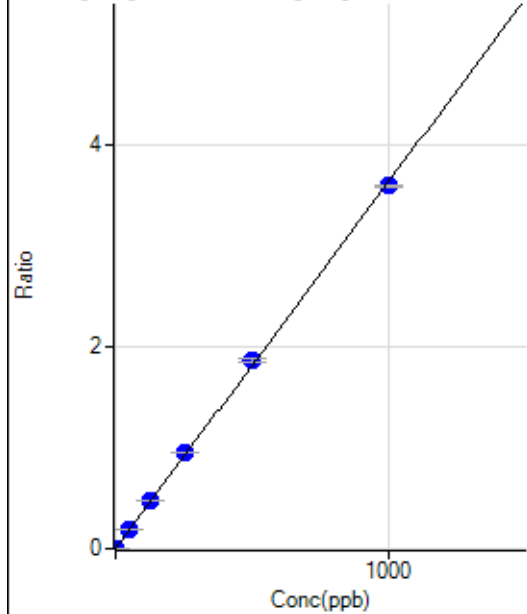
$$R = 1.0000$$

$$DL = 0.004658$$

$$BEC = 0.0177$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0001	P	14.1
2	☐	0.100					
3	☐	1.000	1.156	2695.85	0.0043	P	5.5
4	☐	50.000	54.613	120574.23	0.1987	P	0.9
5	☐	125.000	131.774	286525.22	0.4793	P	1.0
6	☐	250.000	262.235	574709.01	0.9538	P	0.4
7	☐	500.000	513.618	1182676.55	1.8680	P	1.1
8	☐	1000.000	989.055	2363928.80	3.5970	P	0.4
9	☐			77530.57	0.1075	P	1.3

$$y = 0.0036 * x + 1.0122E-004$$

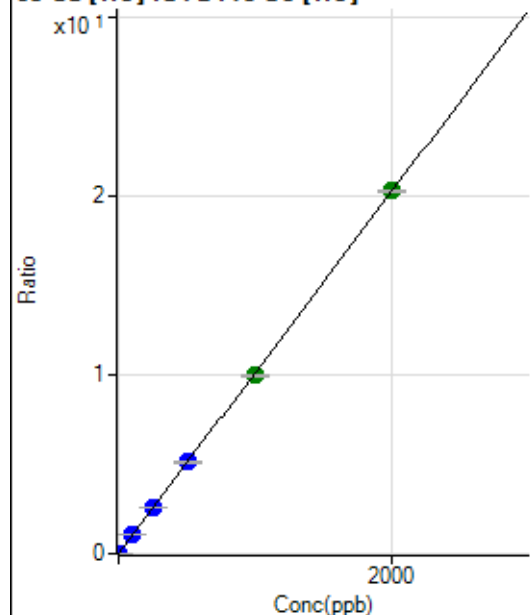
$$R = 0.9998$$

$$DL = 0.01179$$

$$BEC = 0.02783$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1484.54	0.0024	P	2.6
2	☐	0.200					
3	☐	2.000	2.108	14825.50	0.0237	P	1.6
4	☐	100.000	105.420	647703.17	1.0675	P	1.4
5	☐	250.000	256.418	1550031.42	2.5931	P	0.6
6	☐	500.000	505.231	3077273.70	5.1070	P	0.3
7	☐	1000.000	985.608	6306093.45	9.9605	A	1.3
8	☐	2000.000	2004.815	13312721.89	20.2580	A	0.9
9	☐			24230.23	0.0336	P	1.3

$$y = 0.0101 * x + 0.0024$$

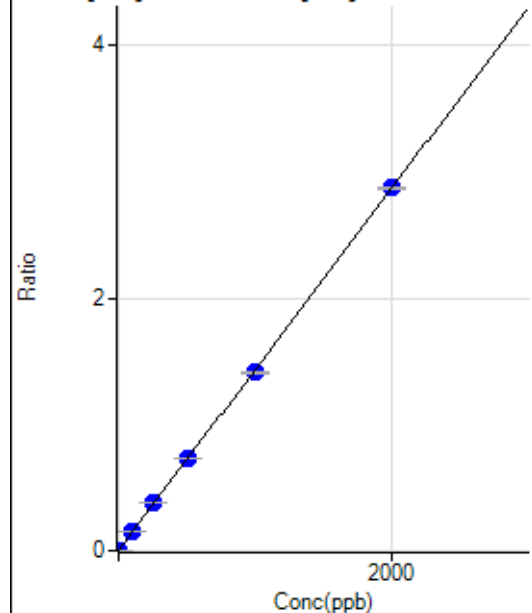
$$R = 1.0000$$

$$DL = 0.01835$$

$$BEC = 0.2348$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1342.31	0.0021	P	1.0
2	☐	0.200					
3	☐	2.000	1.393	2594.72	0.0041	P	3.1
4	☐	100.000	105.984	93503.77	0.1541	P	1.1
5	☐	250.000	261.094	225049.49	0.3765	P	0.4
6	☐	500.000	511.356	443076.29	0.7353	P	0.1
7	☐	1000.000	983.846	894493.75	1.4128	P	0.8
8	☐	2000.000	2003.552	1889185.13	2.8748	P	0.9
9	☐			24115.72	0.0334	P	2.2

$$y = 0.0014 * x + 0.0021$$

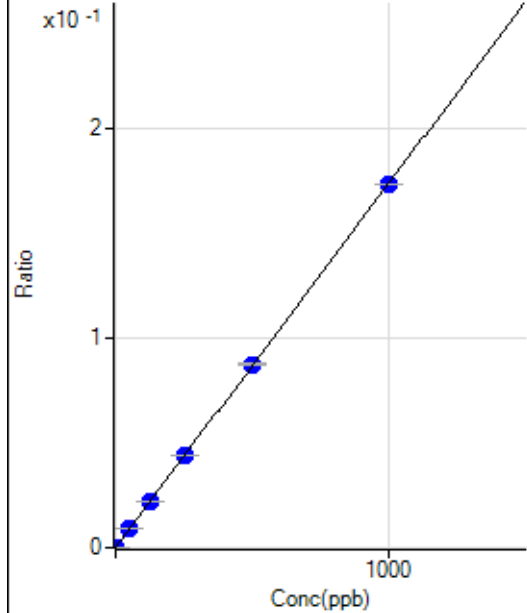
$$R = 0.9999$$

$$DL = 0.04264$$

$$BEC = 1.496$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.41	0.0000	P	0.3
2	☐	0.100					
3	☐	1.000	1.121	624.10	0.0002	P	12.3
4	☐	50.000	52.257	28039.42	0.0091	P	1.0
5	☐	125.000	127.981	67376.65	0.0222	P	0.9
6	☐	250.000	253.897	135590.37	0.0441	P	1.1
7	☐	500.000	503.223	282249.73	0.0874	P	0.8
8	☐	1000.000	996.929	573488.22	0.1732	P	0.1
9	☐			895.10	0.0003	P	0.7

$$y = 1.7371\text{E-}004 * x + 2.3309\text{E-}006$$

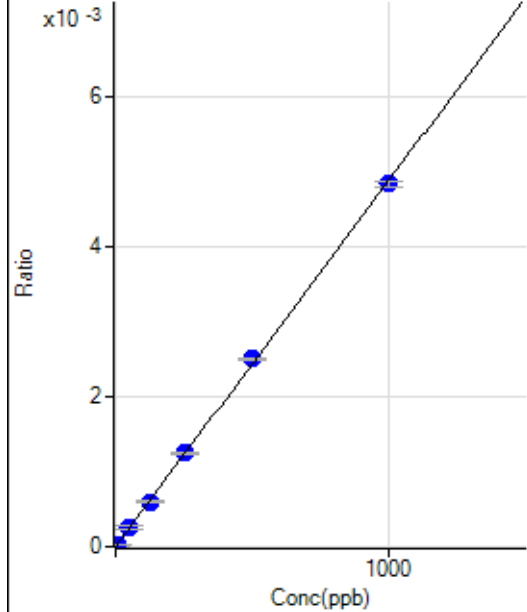
$$R = 1.0000$$

$$DL = 0.0001158$$

$$BEC = 0.01342$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.829	75.56	0.0000	P	14.1
4	☐	50.000	52.324	787.82	0.0003	P	12.2
5	☐	125.000	123.308	1820.15	0.0006	P	2.8
6	☐	250.000	255.711	3828.35	0.0012	P	3.4
7	☐	500.000	513.390	8071.27	0.0025	P	1.7
8	☐	1000.000	991.973	15990.12	0.0048	P	1.6
9	☐			17.78	0.0000	P	38.9

$$y = 4.8677\text{E-}006 * x + 3.4884\text{E-}007$$

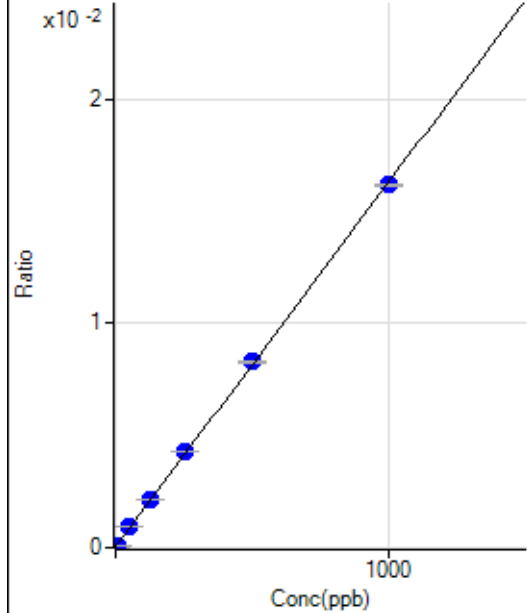
$$R = 0.9998$$

$$DL = 0.3724$$

$$BEC = 0.07166$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.76	0.0000	P	19.4
2	☐	0.500					
3	☐	5.000	5.334	372.85	0.0001	P	5.2
4	☐	50.000	54.462	2828.08	0.0009	P	1.3
5	☐	125.000	129.822	6484.83	0.0021	P	2.2
6	☐	250.000	260.690	13114.64	0.0043	P	0.7
7	☐	500.000	507.004	26693.77	0.0083	P	1.0
8	☐	1000.000	992.998	53524.18	0.0162	P	0.8
9	☐			158.03	0.0000	P	4.9

$$y = 1.6245\text{E-}005 * x + 3.1061\text{E-}005$$

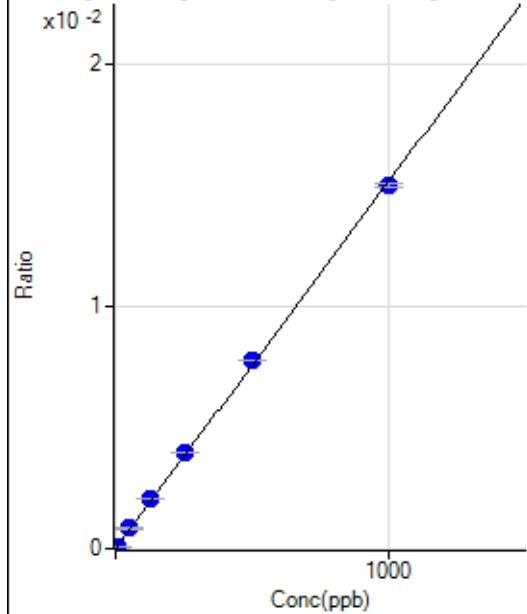
$$R = 0.9999$$

$$DL = 1.112$$

$$BEC = 1.912$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-103.00	0.0000	P	-112.
2	☐	0.500					
3	☐	5.000	6.169	2129.47	0.0001	P	1.6
4	☐	50.000	55.300	19589.26	0.0008	P	1.6
5	☐	125.000	134.275	46959.53	0.0020	P	0.3
6	☐	250.000	262.896	92409.64	0.0040	P	1.0
7	☐	500.000	513.206	185043.21	0.0078	P	0.6
8	☐	1000.000	988.743	374585.78	0.0150	P	0.9
9	☐			449.76	0.0000	P	28.7

$$y = 1.5145\text{E-}005 * x - 4.2206\text{E-}006$$

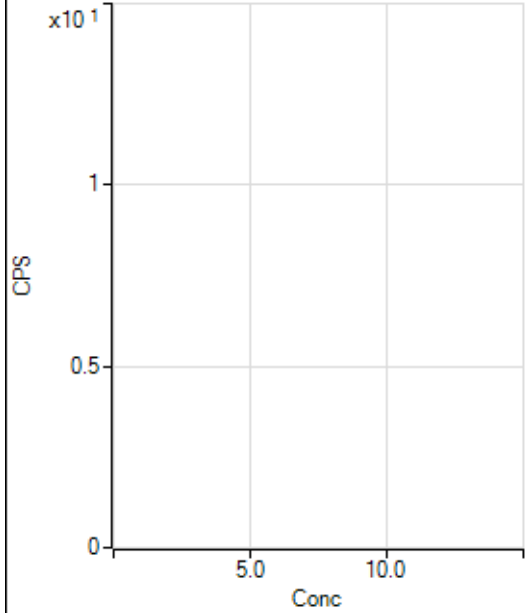
$$R = 0.9998$$

$$DL = 0.9384$$

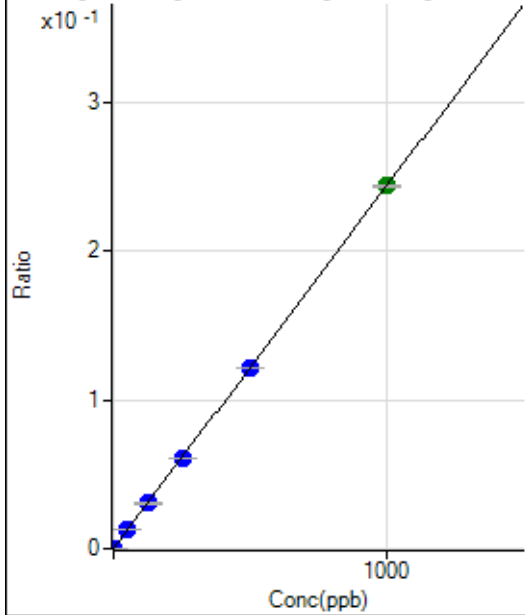
$$BEC = -0.2787$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2251.32		P	4.5
2	☐						
3	☐			2161.31		P	0.4
4	☐			2092.41		P	4.5
5	☐			2043.52		P	4.2
6	☐			2115.75		P	3.8
7	☐			2209.10		P	3.8
8	☐			2296.89		P	7.4
9	☐			2440.25		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3592.26	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	1.040	9545.24	0.0004	P	1.3
4	☐	50.000	50.696	293177.58	0.0125	P	1.0
5	☐	125.000	124.370	702988.51	0.0304	P	1.0
6	☐	250.000	249.013	1409875.25	0.0607	P	0.8
7	☐	500.000	498.625	2890938.57	0.1214	P	0.3
8	☐	1000.000	1000.978	6092361.86	0.2435	A	0.8
9	☐			27794.34	0.0011	P	0.2

$$y = 2.4310E-004 * x + 1.4718E-004$$

$$R = 1.0000$$

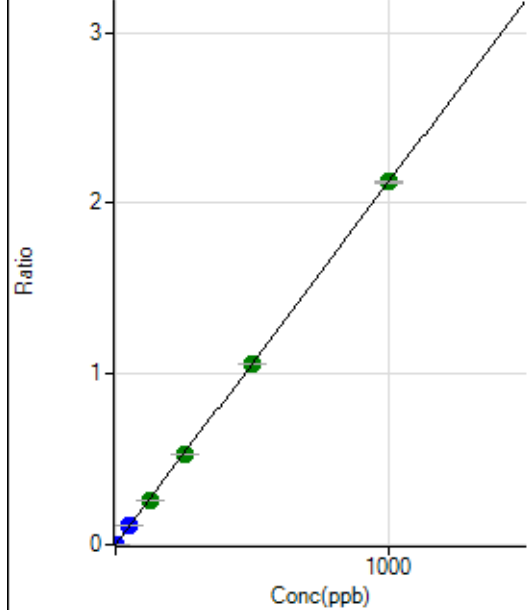
$$DL = 0.07019$$

$$BEC = 0.6054$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	213.90	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	1.022	52003.62	0.0022	P	0.8
4	☐	50.000	50.568	2523605.55	0.1074	P	0.6
5	☐	125.000	124.082	6094882.86	0.2634	A	0.5
6	☐	250.000	248.459	12253857.74	0.5274	A	0.2
7	☐	500.000	499.799	25271689.63	1.0609	A	0.3
8	☐	1000.000	1000.572	53142424.11	2.1239	A	0.4
9	☐			213908.62	0.0086	P	0.9

$$y = 0.0021 * x + 8.7638E-006$$

$$R = 1.0000$$

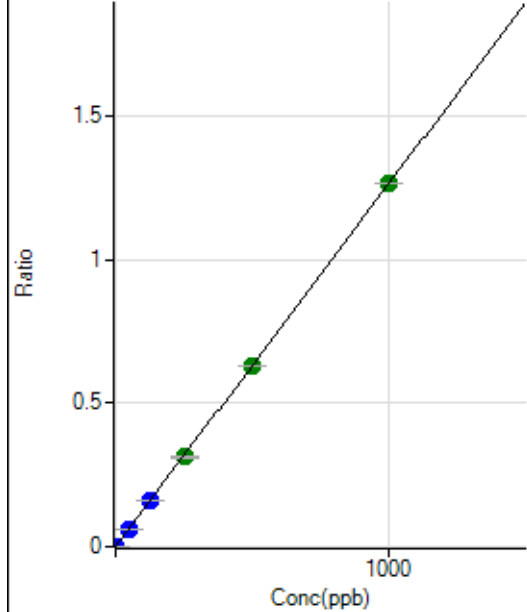
$$DL = 0.004324$$

$$BEC = 0.004129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1436.25	0.0001	P	12.5
2	☐	0.100					
3	☐	1.000	0.891	28270.48	0.0012	P	1.3
4	☐	50.000	50.100	1489531.46	0.0634	P	0.7
5	☐	125.000	124.948	3654529.03	0.1579	P	0.4
6	☐	250.000	247.199	7258311.53	0.3124	A	0.6
7	☐	500.000	499.510	15035793.39	0.6312	A	0.3
8	☐	1000.000	1000.947	31646509.73	1.2648	A	0.2
9	☐			9139.44	0.0004	P	6.3

$$y = 0.0013 * x + 5.8846E-005$$

$$R = 1.0000$$

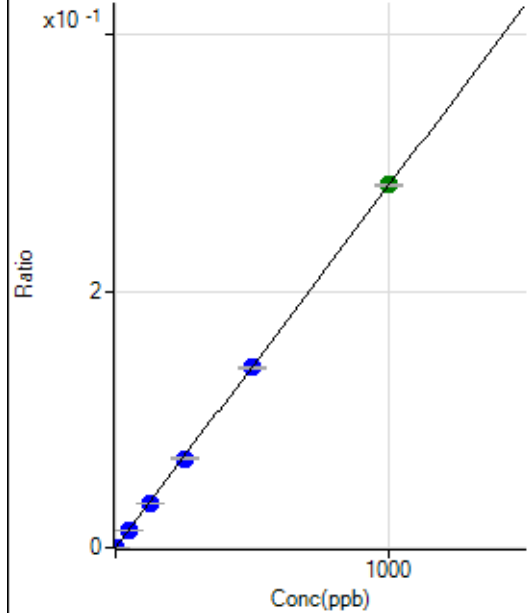
$$DL = 0.01746$$

$$BEC = 0.04657$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0000	P	15.1
2	☐	0.100					
3	☐	1.000	0.919	6451.71	0.0003	P	7.1
4	☐	50.000	49.901	331490.38	0.0141	P	0.3
5	☐	125.000	124.084	810933.93	0.0350	P	0.4
6	☐	250.000	246.379	1616444.53	0.0696	P	1.4
7	☐	500.000	497.237	3344561.66	0.1404	P	0.4
8	☐	1000.000	1002.406	7081967.00	0.2830	A	0.3
9	☐			2025.23	0.0001	P	1.1

$$y = 2.8235E-004 * x + 1.0699E-005$$

$$R = 1.0000$$

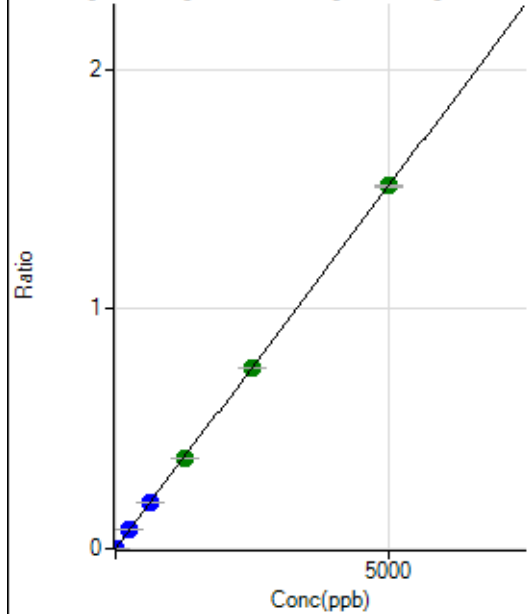
$$DL = 0.01714$$

$$BEC = 0.03789$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	486.15	0.0000	P	18.5
2	☐	0.500					
3	☐	5.000	5.009	36634.16	0.0015	P	1.6
4	☐	250.000	255.161	1814682.81	0.0772	P	1.0
5	☐	625.000	633.474	4433942.72	0.1916	P	0.1
6	☐	1250.000	1243.882	8741207.83	0.3762	A	1.3
7	☐	2500.000	2499.127	18005712.56	0.7559	A	0.1
8	☐	5000.000	5000.649	37844210.92	1.5125	A	0.3
9	☐			31171.06	0.0012	P	0.4

$$y = 3.0246E-004 * x + 1.9917E-005$$

$$R = 1.0000$$

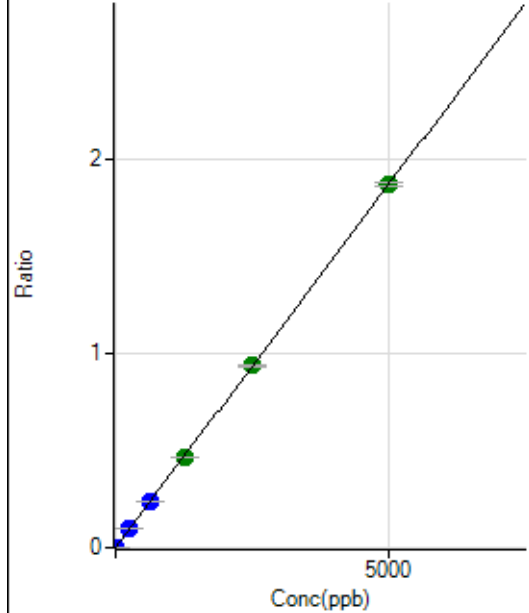
$$DL = 0.03648$$

$$BEC = 0.06585$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	5.173	46184.04	0.0019	P	0.9
4	☐	250.000	253.349	2224588.09	0.0946	P	1.1
5	☐	625.000	631.479	5457733.28	0.2359	P	0.4
6	☐	1250.000	1248.929	10838126.37	0.4665	A	0.9
7	☐	2500.000	2503.897	22277002.58	0.9352	A	0.5
8	☐	5000.000	4997.342	46704289.58	1.8666	A	1.0
9	☐			47457.54	0.0019	P	1.4

$$y = 3.7351E-004 * x + 2.8454E-006$$

$$R = 1.0000$$

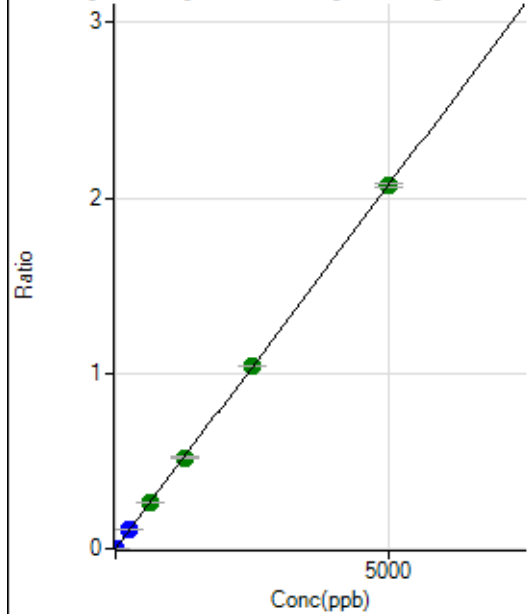
$$DL = 0.00317$$

$$BEC = 0.007618$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	20.3
2	☐	0.500					
3	☐	5.000	5.277	52410.91	0.0022	P	2.3
4	☐	250.000	254.896	2483599.84	0.1057	P	1.4
5	☐	625.000	625.524	5999138.42	0.2593	A	0.3
6	☐	1250.000	1253.518	12070672.49	0.5195	A	0.9
7	☐	2500.000	2516.359	24842653.68	1.0429	A	0.5
8	☐	5000.000	4990.631	51754215.39	2.0684	A	1.0
9	☐			77690.36	0.0031	P	0.2

$$y = 4.1446E-004 * x + 8.8773E-006$$

$$R = 1.0000$$

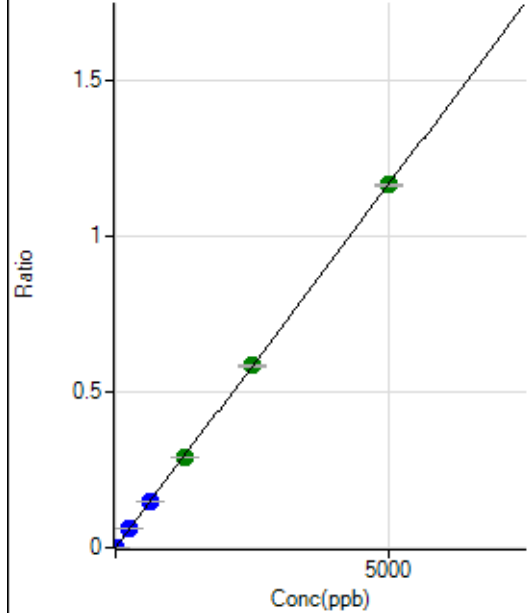
$$DL = 0.01306$$

$$BEC = 0.02142$$

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	69.45	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	5.203	29069.33	0.0012	P	3.5
4	☐	250.000	254.366	1396389.41	0.0594	P	1.1
5	☐	625.000	625.045	3377476.16	0.1460	P	0.2
6	☐	1250.000	1245.809	6759235.14	0.2909	A	0.4
7	☐	2500.000	2510.417	13964466.46	0.5862	A	0.9
8	☐	5000.000	4995.615	29188655.86	1.1666	A	0.6
9	☐			29704.11	0.0012	P	1.7

$$y = 2.3352E-004 * x + 2.8453E-006$$

$$R = 1.0000$$

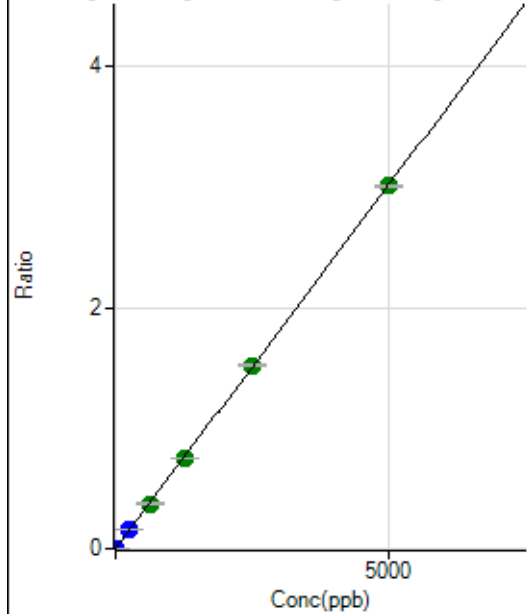
$$DL = 0.005065$$

$$BEC = 0.01218$$

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	94.45	0.0000	P	35.6
2	☐	0.500					
3	☐	5.000	5.162	74436.45	0.0031	P	1.1
4	☐	250.000	254.014	3603454.08	0.1533	P	1.0
5	☐	625.000	620.768	8668308.44	0.3746	A	0.3
6	☐	1250.000	1245.807	17466793.97	0.7518	A	0.3
7	☐	2500.000	2523.775	36277207.06	1.5230	A	0.7
8	☐	5000.000	4989.489	75335988.49	3.0109	A	0.3
9	☐			73892.30	0.0030	P	0.8

$$y = 6.0345E-004 * x + 3.8696E-006$$

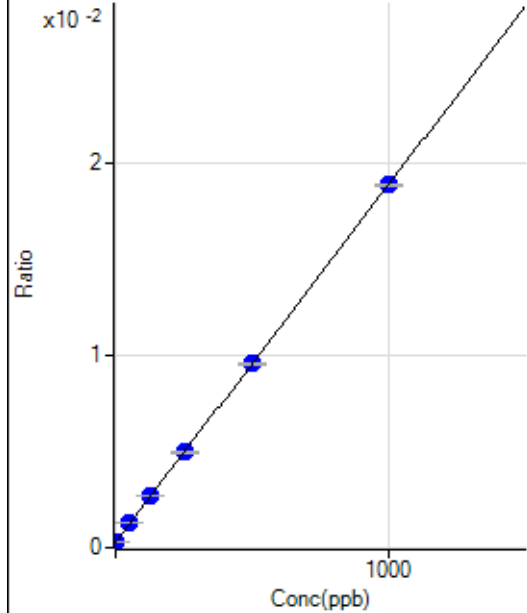
$$R = 1.0000$$

$$DL = 0.006855$$

$$BEC = 0.006412$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8564.03	0.0003	P	2.0
2	☐	0.100					
3	☐	1.000	1.965	9253.41	0.0003	P	4.3
4	☐	50.000	52.909	35668.14	0.0013	P	2.4
5	☐	125.000	128.968	74976.55	0.0027	P	2.2
6	☐	250.000	251.115	139735.99	0.0050	P	0.5
7	☐	500.000	499.367	271965.00	0.0096	P	0.8
8	☐	1000.000	999.395	547406.38	0.0189	P	0.4
9	☐			9133.90	0.0003	P	1.3

$$y = 1.8611\text{E-}005 * x + 2.9725\text{E-}004$$

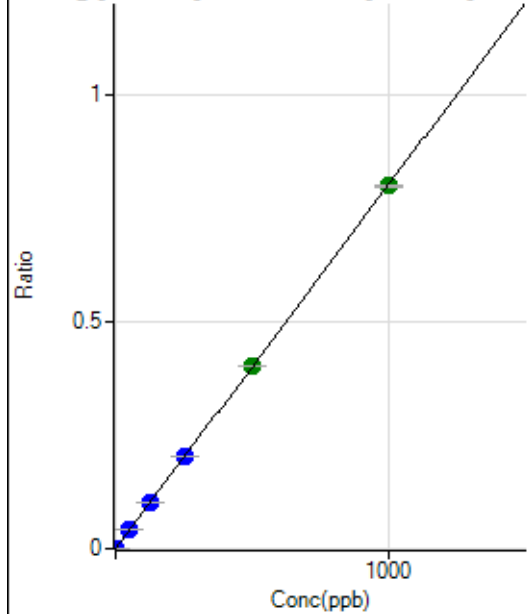
$$R = 1.0000$$

$$DL = 0.9415$$

$$BEC = 15.97$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	2.7
2	☐	0.100					
3	☐	1.000	1.162	25955.25	0.0009	P	1.4
4	☐	50.000	53.313	1188723.85	0.0427	P	0.4
5	☐	125.000	128.263	2856865.60	0.1028	P	0.6
6	☐	250.000	253.474	5710291.88	0.2031	P	0.4
7	☐	500.000	502.702	11423075.52	0.4028	A	0.5
8	☐	1000.000	997.207	23148722.39	0.7991	A	0.4
9	☐			5551.36	0.0002	P	8.7

$$y = 8.0135\text{E-}004 * x + 5.3990\text{E-}006$$

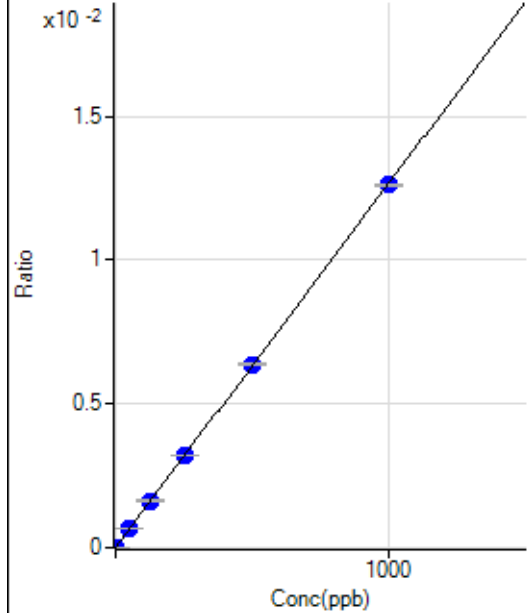
$$R = 1.0000$$

$$DL = 0.0005485$$

$$BEC = 0.006737$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	69.9
2	☐	0.100					
3	☐	1.000	1.101	418.07	0.0000	P	2.9
4	☐	50.000	52.897	18634.77	0.0007	P	1.4
5	☐	125.000	129.361	45481.41	0.0016	P	0.1
6	☐	250.000	252.861	89888.21	0.0032	P	0.6
7	☐	500.000	502.789	180257.26	0.0064	P	1.2
8	☐	1000.000	997.200	365198.29	0.0126	P	0.9
9	☐			118.06	0.0000	P	16.6

$$y = 1.2641\text{E-}005 * x + 1.1593\text{E-}006$$

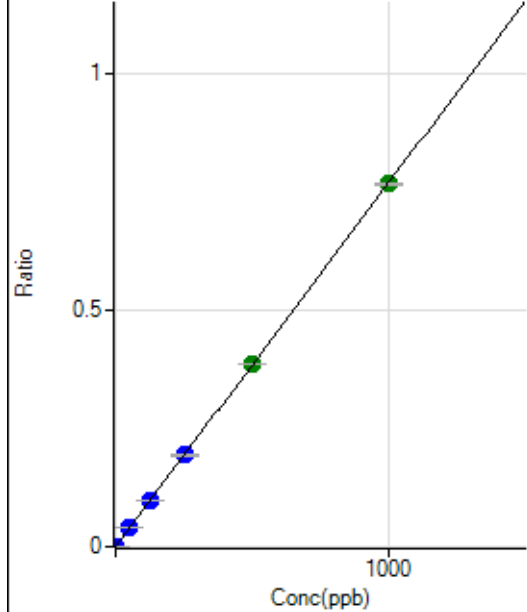
$$R = 1.0000$$

$$DL = 0.1922$$

$$BEC = 0.09171$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	107.1
2	☐	0.100					
3	☐	1.000	1.173	25034.05	0.0009	P	1.4
4	☐	50.000	53.186	1137215.16	0.0409	P	0.4
5	☐	125.000	127.865	2731201.47	0.0983	P	0.3
6	☐	250.000	251.399	5431294.18	0.1932	P	0.6
7	☐	500.000	502.853	10958098.42	0.3865	A	0.2
8	☐	1000.000	997.706	22211432.96	0.7668	A	0.5
9	☐			4937.20	0.0002	P	14.3

$$y = 7.6852\text{E-}004 * x + 1.8278\text{E-}006$$

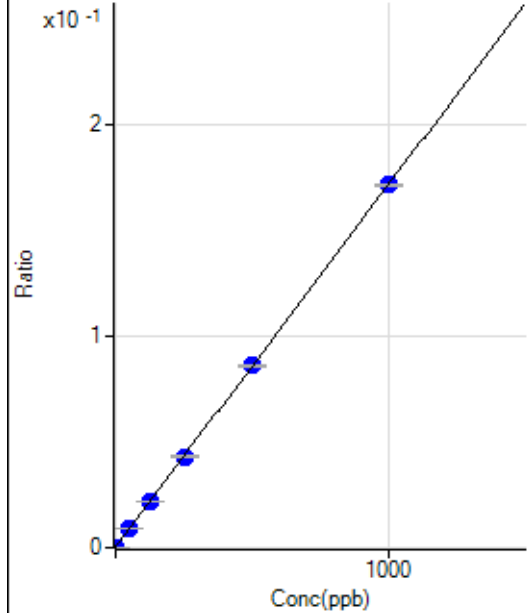
$$R = 1.0000$$

$$DL = 0.007645$$

$$BEC = 0.002378$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6022.88	0.0002	P	1.8
2	☐	0.100					
3	☐	1.000	1.092	10987.04	0.0004	P	1.5
4	☐	50.000	53.020	258828.62	0.0093	P	0.5
5	☐	125.000	128.067	616350.19	0.0222	P	0.5
6	☐	250.000	250.470	1213615.99	0.0432	P	0.7
7	☐	500.000	500.329	2439420.97	0.0860	P	0.4
8	☐	1000.000	999.184	4970825.46	0.1716	P	0.7
9	☐			7179.20	0.0003	P	0.8

$$y = 1.7153\text{E-}004 * x + 2.0905\text{E-}004$$

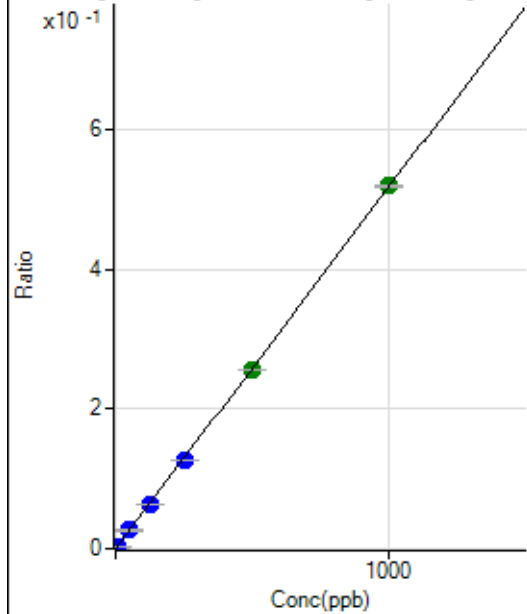
$$R = 1.0000$$

$$DL = 0.06667$$

$$BEC = 1.219$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3317.21	0.0001	P	5.7
2	☐	0.500					
3	☐	5.000	5.349	79846.10	0.0029	P	1.3
4	☐	50.000	50.400	728177.78	0.0262	P	0.3
5	☐	125.000	123.951	1784373.19	0.0642	P	0.3
6	☐	250.000	243.954	3549004.90	0.1262	P	0.1
7	☐	500.000	493.891	7244011.10	0.2555	A	0.3
8	☐	1000.000	1004.675	15050297.91	0.5196	A	0.8
9	☐			7027.08	0.0003	P	2.0

$$y = 5.1703\text{E-}004 * x + 1.1512\text{E-}004$$

$$R = 0.9999$$

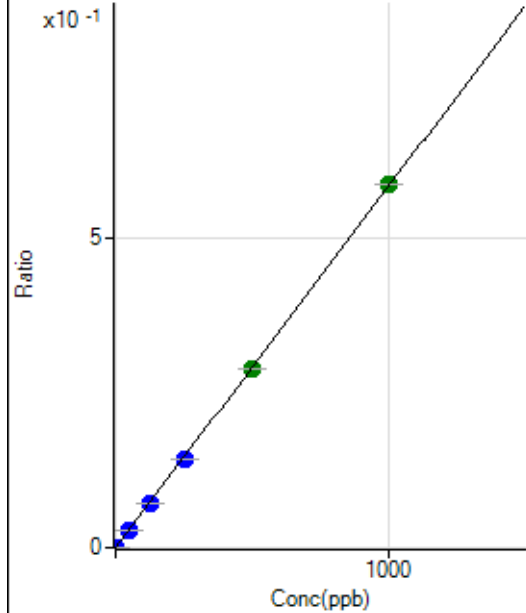
$$DL = 0.03779$$

$$BEC = 0.2227$$

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	41.67	0.0000	P	0.4
2	☐	0.200					
3	☐	2.000	2.005	32432.88	0.0012	P	0.9
4	☐	50.000	49.979	810384.23	0.0291	P	0.4
5	☐	125.000	123.670	2003202.82	0.0721	P	0.4
6	☐	250.000	245.000	4013904.43	0.1428	P	0.3
7	☐	500.000	494.720	8175415.55	0.2883	A	0.3
8	☐	1000.000	1004.057	16950393.26	0.5851	A	0.1
9	☐			24371.99	0.0009	P	2.2

$$y = 5.8278\text{E-}004 * x + 1.4463\text{E-}006$$

$$R = 1.0000$$

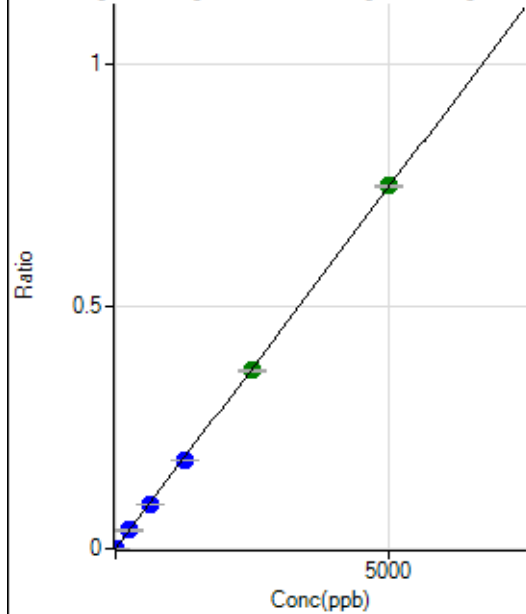
$$DL = 3.29\text{E-}05$$

$$BEC = 0.002482$$

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	61.11	0.0000	P	41.5
2	☐	1.000					
3	☐	10.000	10.326	42646.92	0.0015	P	1.8
4	☐	250.000	252.930	1047010.17	0.0376	P	0.8
5	☐	625.000	619.277	2560907.02	0.0921	P	0.1
6	☐	1250.000	1233.719	5160237.70	0.1836	P	0.3
7	☐	2500.000	2464.894	10399133.22	0.3667	A	0.4
8	☐	5000.000	5022.191	21645585.90	0.7472	A	0.3
9	☐			3139.39	0.0001	P	8.1

$$y = 1.4878\text{E-}004 * x + 2.1205\text{E-}006$$

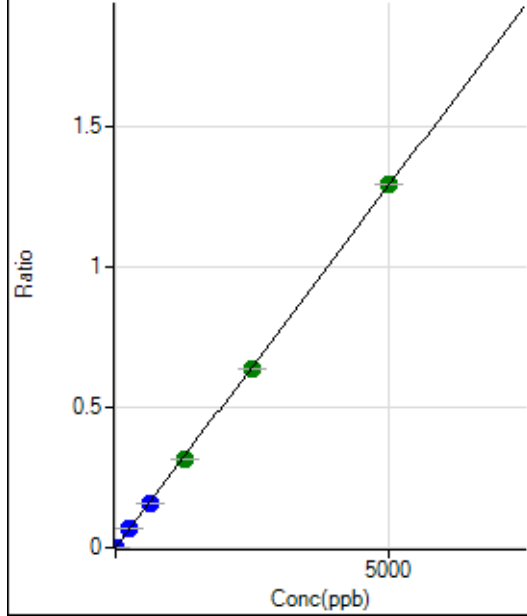
$$R = 1.0000$$

$$DL = 0.01774$$

$$BEC = 0.01425$$

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	44.45	0.0000	P	11.2
2	☐	1.000					
3	☐	10.000	10.492	75064.80	0.0027	P	1.2
4	☐	250.000	255.134	1831146.68	0.0658	P	0.4
5	☐	625.000	623.396	4469688.68	0.1608	P	0.3
6	☐	1250.000	1225.484	8887195.25	0.3161	A	0.2
7	☐	2500.000	2482.249	18157379.57	0.6403	A	0.2
8	☐	5000.000	5014.947	37475479.31	1.2937	A	0.1
9	☐			5404.07	0.0002	P	1.8

$$y = 2.5797\text{E-}004 * x + 1.5431\text{E-}006$$

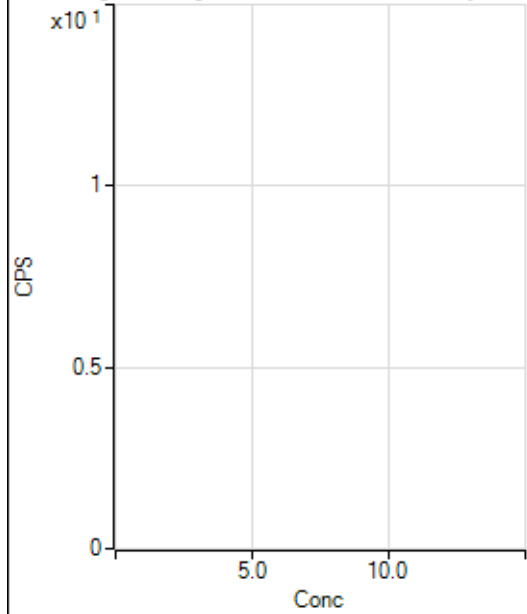
$$R = 1.0000$$

$$DL = 0.002016$$

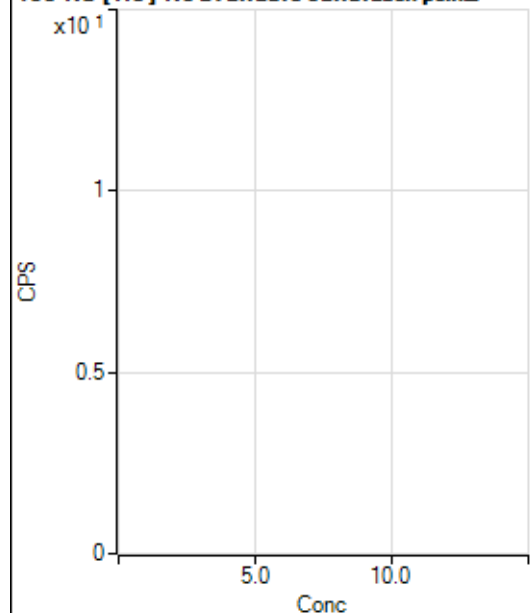
$$BEC = 0.005982$$

Weight: <None>

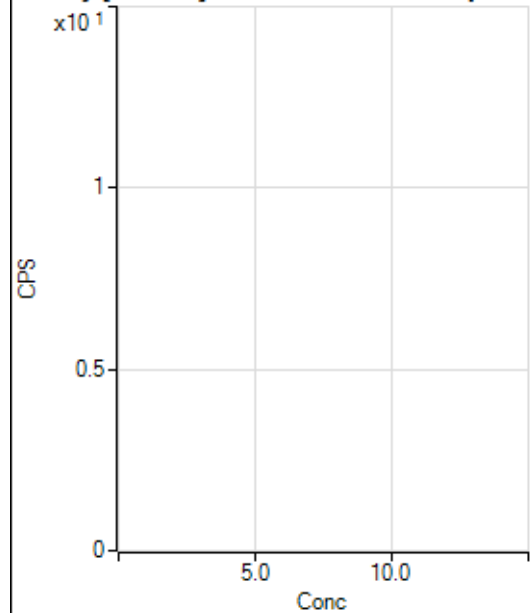
Min Conc: 0

150 Nd [No Gas] No available calibration points

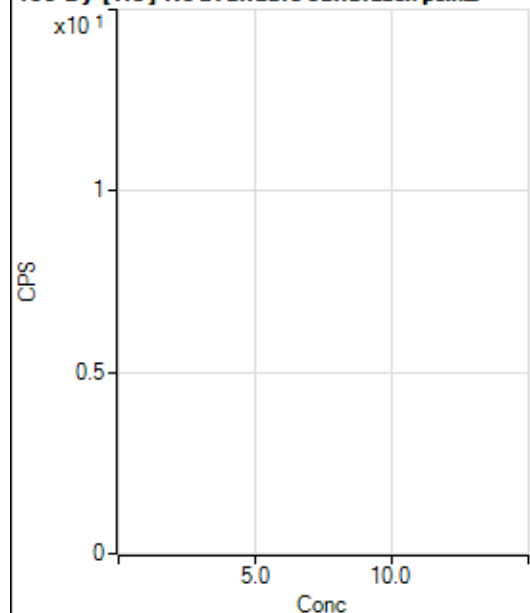
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	57.3
2	☐						
3	☐			15.55		P	24.8
4	☐			82.22		P	20.4
5	☐			140.01		P	29.0
6	☐			326.69		P	3.5
7	☐			697.82		P	9.3
8	☐			1406.79		P	17.2
9	☐			191.12		P	35.1

150 Nd [He] No available calibration points

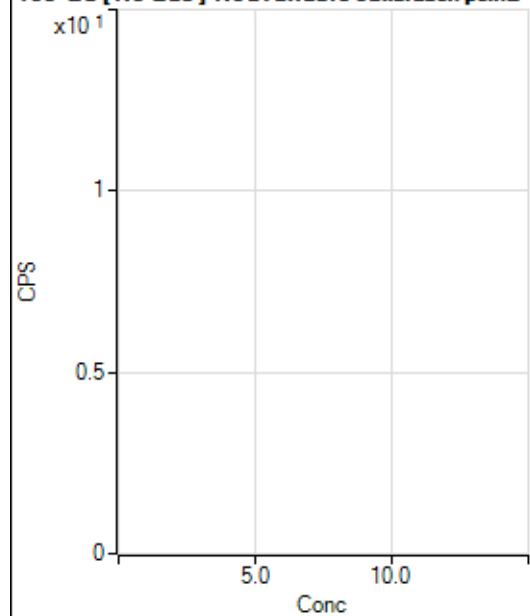
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			4.44		P	43.4
4	☐			16.67		P	20.0
5	☐			20.00		P	28.9
6	☐			47.78		P	32.2
7	☐			52.22		P	14.7
8	☐			117.78		P	15.6
9	☐			80.00		P	11.0

156 Dy [No Gas] No available calibration points

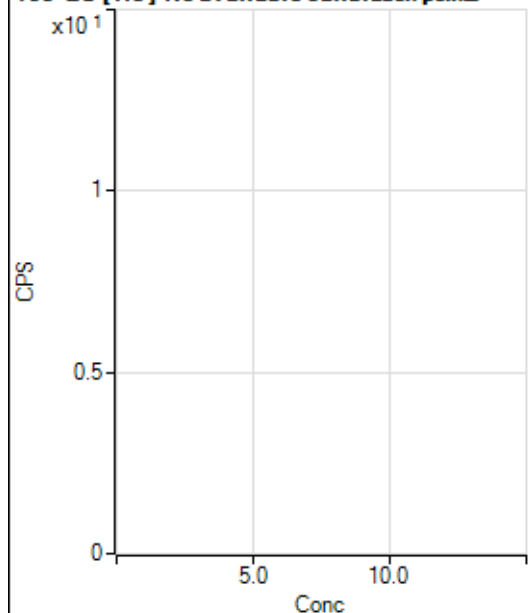
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐						
3	☐			36.11		P	35.3
4	☐			66.67		P	37.5
5	☐			75.00		P	22.2
6	☐			113.89		P	33.0
7	☐			191.68		P	43.5
8	☐			302.79		P	19.9
9	☐			72.23		P	17.6

156 Dy [He] No available calibration points

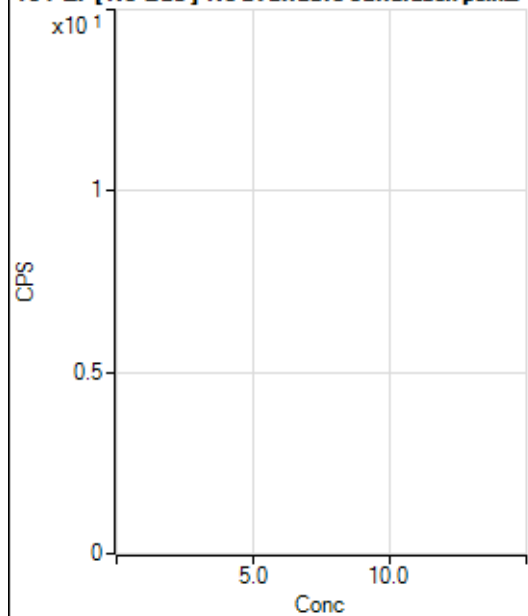
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	7.9
2	☐						
3	☐			31.11		P	30.9
4	☐			37.78		P	28.4
5	☐			63.34		P	39.7
6	☐			123.34		P	15.0
7	☐			192.23		P	14.7
8	☐			397.79		P	6.3
9	☐			55.55		P	19.3

160 Gd [No Gas] Noavailable calibration poin_

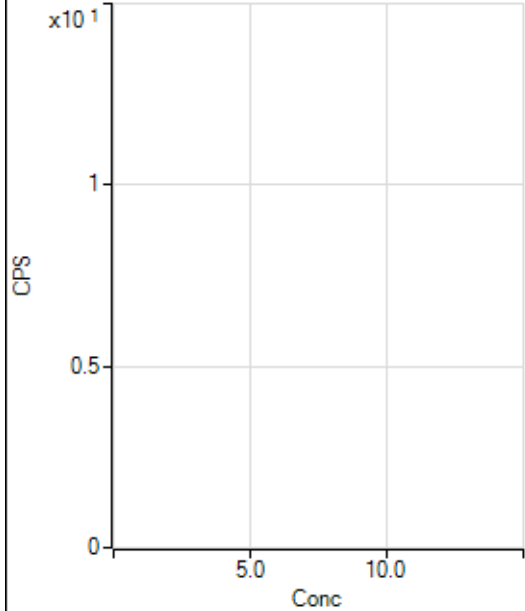
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			211.12		P	25.7
2	☐						
3	☐			175.01		P	19.0
4	☐			177.78		P	18.9
5	☐			205.57		P	24.8
6	☐			194.45		P	17.8
7	☐			194.46		P	19.3
8	☐			213.90		P	40.0
9	☐			172.24		P	39.1

160 Gd [He] No available calibration points

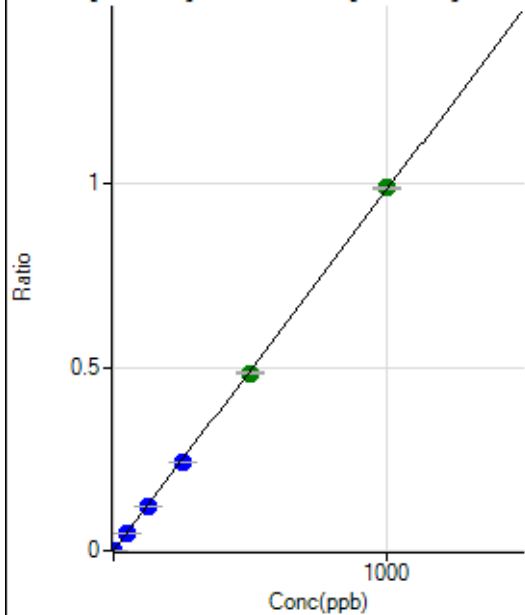
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			486.68		P	8.7
2	☐						
3	☐			436.68		P	14.5
4	☐			407.79		P	9.6
5	☐			437.79		P	9.2
6	☐			415.57		P	6.4
7	☐			466.68		P	5.2
8	☐			434.46		P	6.2
9	☐			433.35		P	7.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.23		P	45.6
2	☐						
3	☐			127.78		P	15.1
4	☐			141.68		P	15.6
5	☐			138.90		P	39.9
6	☐			133.34		P	12.5
7	☐			136.12		P	3.5
8	☐			152.78		P	8.3
9	☐			177.78		P	5.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	23.4
2	☐						
3	☐			100.00		P	17.6
4	☐			68.89		P	24.4
5	☐			92.22		P	27.4
6	☐			95.56		P	26.4
7	☐			101.11		P	5.0
8	☐			123.34		P	21.5
9	☐			111.11		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	713.94	0.0000	P	16.6
2	☐	0.100					
3	☐	1.000	0.955	16018.59	0.0010	P	2.2
4	☐	50.000	48.805	803102.73	0.0480	P	0.7
5	☐	125.000	121.505	2008185.64	0.1195	P	0.5
6	☐	250.000	245.086	4028912.29	0.2410	P	0.5
7	☐	500.000	492.643	7879266.93	0.4844	A	0.4
8	☐	1000.000	1005.404	15654398.27	0.9886	A	0.5
9	☐			4859.42	0.0004	P	4.9

$$y = 9.8323E-004 * x + 4.1258E-005$$

$$R = 0.9999$$

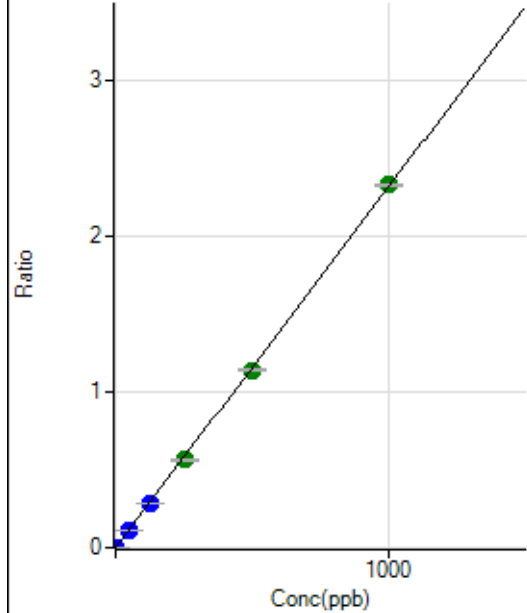
$$DL = 0.02096$$

$$BEC = 0.04196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.11	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.979	38083.43	0.0023	P	3.2
4	☐	50.000	49.568	1918008.09	0.1147	P	0.6
5	☐	125.000	123.059	4783374.33	0.2847	P	0.9
6	☐	250.000	242.832	9388678.25	0.5617	A	0.4
7	☐	500.000	492.339	18520821.59	1.1387	A	0.9
8	☐	1000.000	1005.887	36837815.06	2.3263	A	0.7
9	☐			11327.60	0.0009	P	3.4

$$y = 0.0023 * x + 6.7894E-005$$

$$R = 0.9999$$

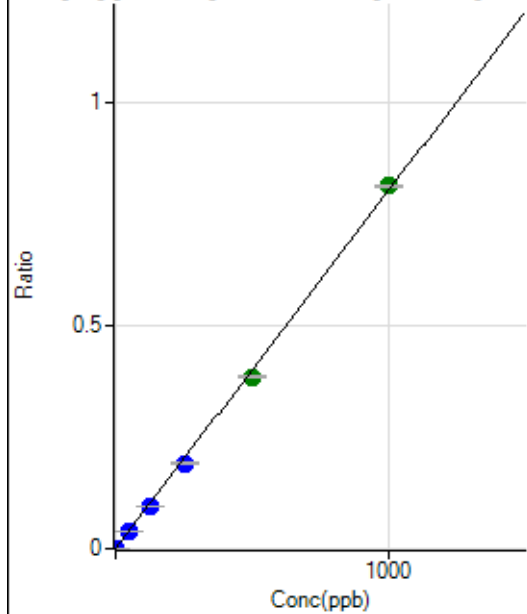
$$DL = 0.008066$$

$$BEC = 0.02936$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1326.04	0.0001	P	10.9
2	☐	0.100					
3	☐	1.000	0.951	13729.71	0.0008	P	4.3
4	☐	50.000	48.013	645992.69	0.0386	P	0.5
5	☐	125.000	118.809	1604476.43	0.0955	P	0.7
6	☐	250.000	238.612	3204315.47	0.1917	P	0.5
7	☐	500.000	480.673	6279502.57	0.3861	A	0.9
8	☐	1000.000	1013.384	12887395.31	0.8138	A	0.2
9	☐			12552.55	0.0010	P	1.2

$$y = 8.0302E-004 * x + 7.6634E-005$$

$$R = 0.9997$$

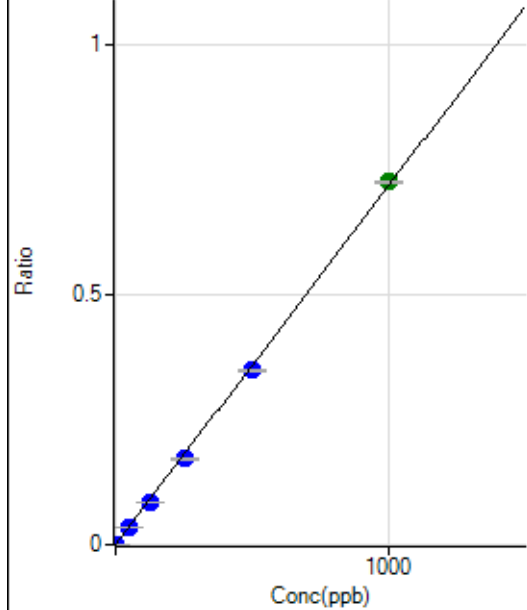
$$DL = 0.03132$$

$$BEC = 0.09543$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1259.36	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.954	12356.10	0.0008	P	1.3
4	☐	50.000	47.893	575288.98	0.0344	P	0.9
5	☐	125.000	118.761	1431771.70	0.0852	P	0.9
6	☐	250.000	238.576	2860098.79	0.1711	P	0.3
7	☐	500.000	485.288	5659513.15	0.3480	P	0.6
8	☐	1000.000	1011.097	11478505.81	0.7249	A	0.4
9	☐			11670.24	0.0009	P	2.0

$$y = 7.1685\text{E-}004 * x + 7.2776\text{E-}005$$

$$R = 0.9998$$

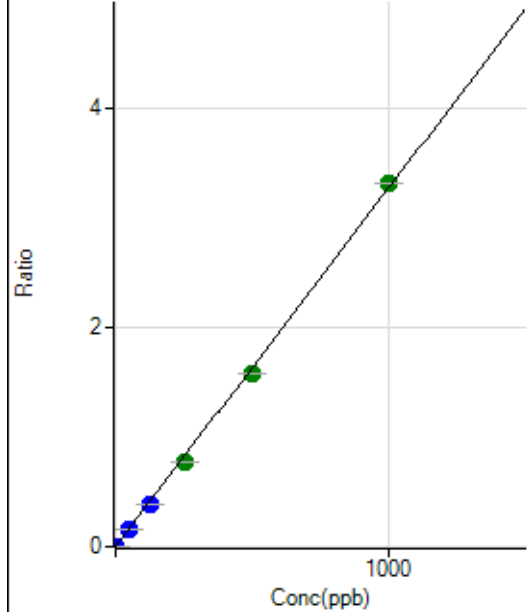
$$DL = 0.01267$$

$$BEC = 0.1015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4880.11	0.0003	P	4.4
2	☐	0.100					
3	☐	1.000	0.945	55062.43	0.0034	P	1.8
4	☐	50.000	47.942	2625229.38	0.1570	P	0.6
5	☐	125.000	119.398	6563070.46	0.3906	P	0.7
6	☐	250.000	238.343	13028347.81	0.7794	A	0.2
7	☐	500.000	483.084	25689317.07	1.5794	A	0.2
8	☐	1000.000	1012.176	52396846.19	3.3089	A	0.1
9	☐			51646.19	0.0040	P	1.0

$$y = 0.0033 * x + 2.8200\text{E-}004$$

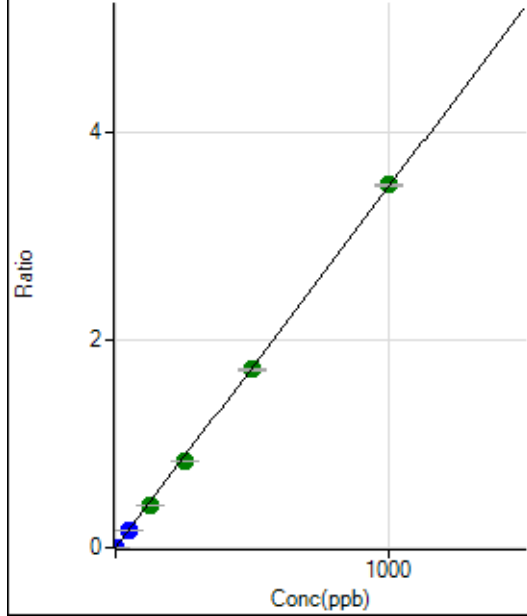
$$R = 0.9997$$

$$DL = 0.01145$$

$$BEC = 0.08627$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1920.57	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	0.827	48841.57	0.0030	P	1.3
4	☐	50.000	47.182	2747681.25	0.1643	P	0.3
5	☐	125.000	118.704	6943725.15	0.4132	A	0.1
6	☐	250.000	241.384	14044373.35	0.8402	A	0.5
7	☐	500.000	494.546	27996140.44	1.7212	A	0.7
8	☐	1000.000	1005.809	55431516.05	3.5005	A	0.6
9	☐			10263.56	0.0008	P	2.9

$$y = 0.0035 * x + 1.1097E-004$$

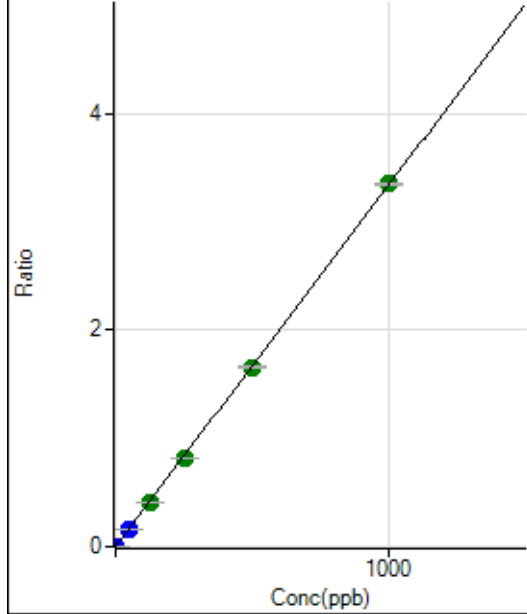
$$R = 0.9999$$

$$DL = 0.00475$$

$$BEC = 0.03189$$

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	2230.85	0.0001	P	16.6
2	☐	0.100					
3	☐	1.000	0.952	54002.06	0.0033	P	2.4
4	☐	50.000	48.473	2708545.46	0.1620	P	0.2
5	☐	125.000	120.142	6742924.28	0.4013	A	0.3
6	☐	250.000	245.558	13707555.69	0.8200	A	0.2
7	☐	500.000	496.331	26956754.77	1.6573	A	1.2
8	☐	1000.000	1003.629	53065766.81	3.3511	A	0.4
9	☐			5912.75	0.0005	P	6.0

$$y = 0.0033 * x + 1.2898E-004$$

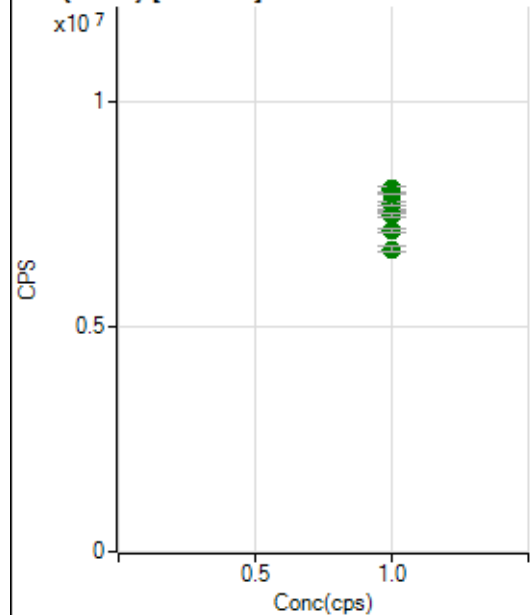
$$R = 1.0000$$

$$DL = 0.01924$$

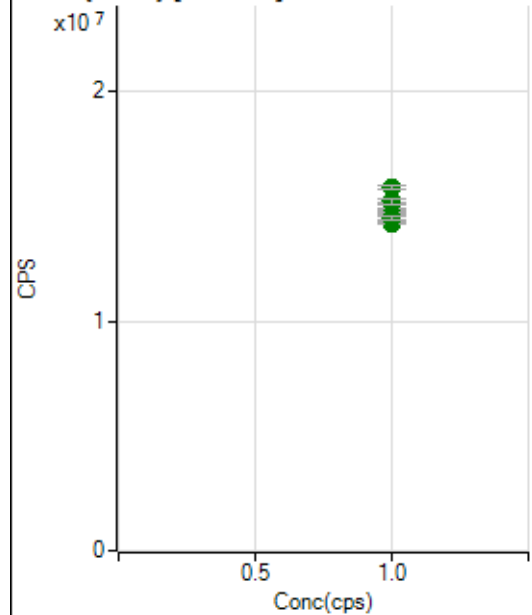
$$BEC = 0.03863$$

Weight: <None>

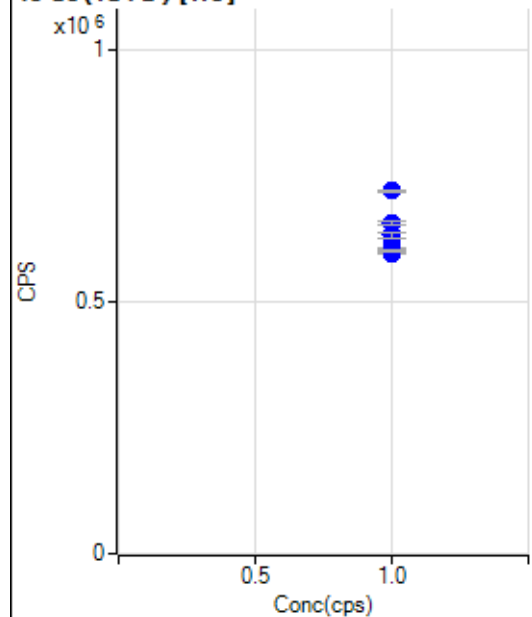
Min Conc: 0

6 Li (ISTD) [No Gas]

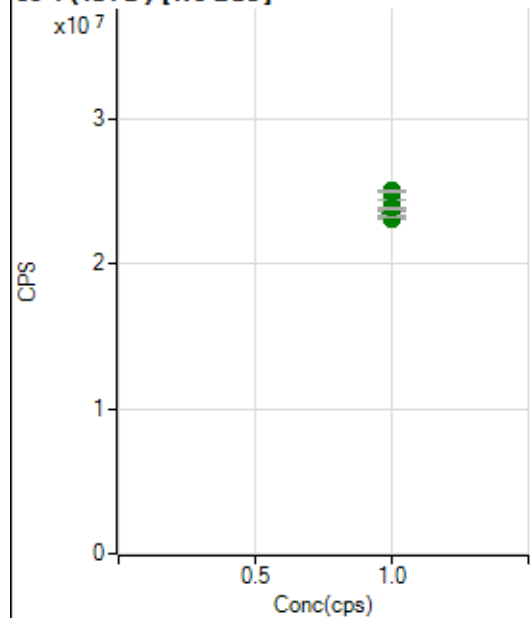
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7564179.47		A	0.7
2	☐	1.000					
3	☐	1.000		7729833.36		A	1.0
4	☐	1.000		8032444.19		A	1.3
5	☐	1.000		8046334.60		A	1.3
6	☐	1.000		7937654.26		A	0.1
7	☐	1.000		7463577.25		A	1.3
8	☐	1.000		7124201.70		A	0.7
9	☐	1.000		6708475.38		A	1.8

45 Sc (ISTD) [No Gas]

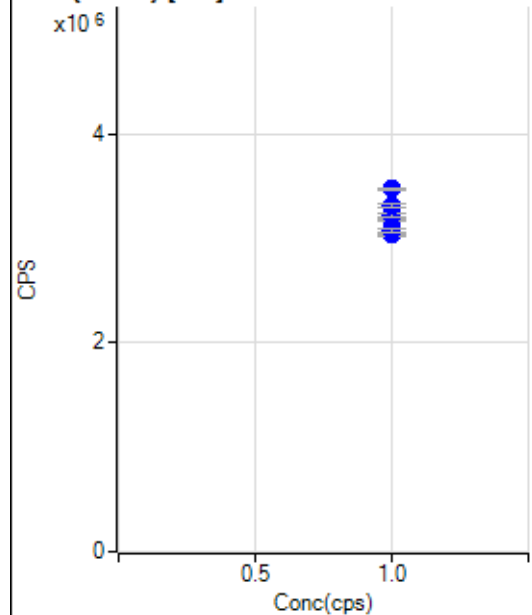
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15172420.82		A	0.2
2	☐	1.000					
3	☐	1.000		14858998.77		A	0.9
4	☐	1.000		14693432.10		A	0.2
5	☐	1.000		14362428.10		A	0.2
6	☐	1.000		14260815.07		A	0.7
7	☐	1.000		14520807.09		A	1.0
8	☐	1.000		15239020.13		A	1.7
9	☐	1.000		15801332.82		A	1.2

45 Sc (ISTD) [He]

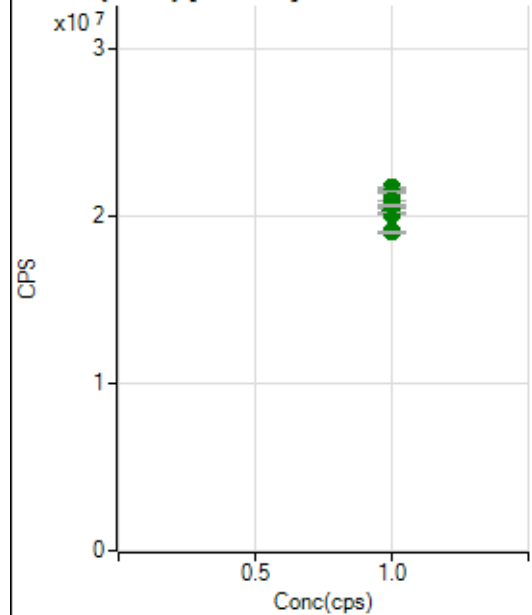
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		625849.63		P	0.2
2	☐	1.000					
3	☐	1.000		626345.86		P	0.1
4	☐	1.000		606781.09		P	0.4
5	☐	1.000		597754.34		P	0.2
6	☐	1.000		602568.88		P	0.6
7	☐	1.000		633204.29		P	1.7
8	☐	1.000		657210.05		P	1.4
9	☐	1.000		721177.55		P	0.5

89 Y (ISTD) [No Gas]

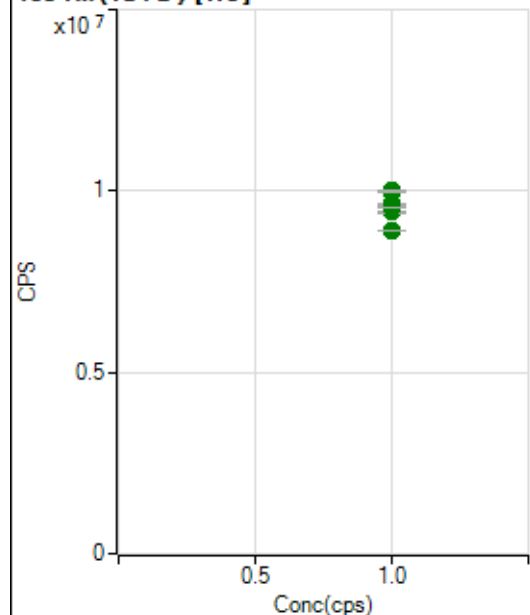
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24407256.02		A	0.0
2	☐	1.000					
3	☐	1.000		23868521.31		A	0.2
4	☐	1.000		23509087.15		A	1.0
5	☐	1.000		23139409.65		A	0.8
6	☐	1.000		23233854.38		A	0.5
7	☐	1.000		23820307.70		A	1.0
8	☐	1.000		25020735.18		A	0.6
9	☐	1.000		24987331.85		A	0.1

89 Y(ISTD) [He]

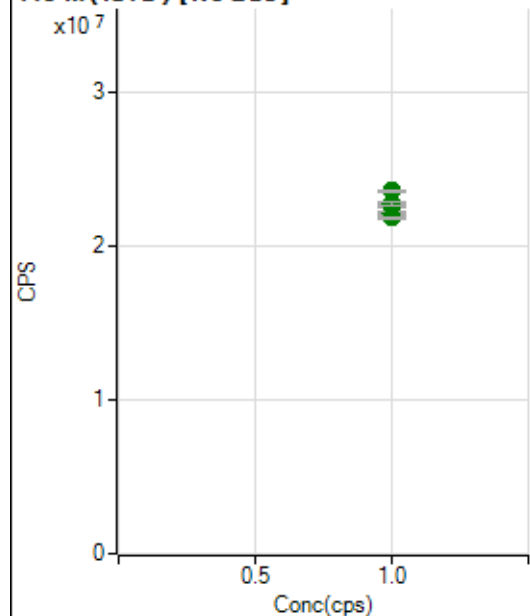
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3179110.47		P	0.3
2	☐	1.000					
3	☐	1.000		3167235.54		P	0.4
4	☐	1.000		3088126.06		P	0.3
5	☐	1.000		3030414.22		P	0.5
6	☐	1.000		3074304.61		P	0.9
7	☐	1.000		3228868.77		P	1.1
8	☐	1.000		3311503.11		P	0.7
9	☐	1.000		3472765.60		P	0.2

103 Rh(ISTD) [No Gas]

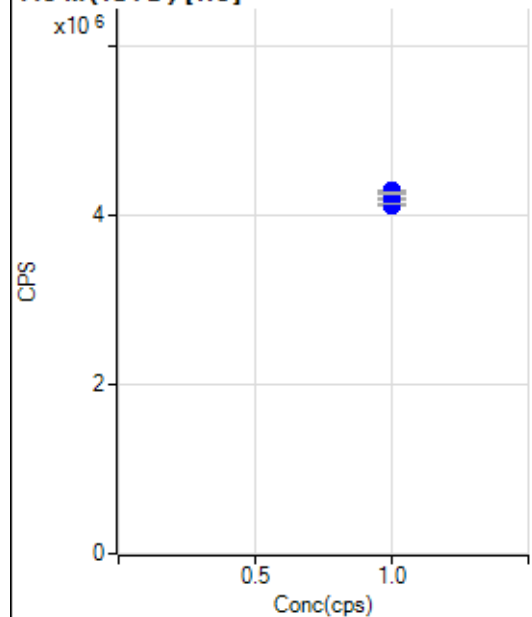
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21720551.87		A	0.3
2	☐	1.000					
3	☐	1.000		21454788.15		A	0.8
4	☐	1.000		20953222.86		A	0.5
5	☐	1.000		20376532.40		A	0.9
6	☐	1.000		20144995.24		A	0.2
7	☐	1.000		20361563.65		A	1.0
8	☐	1.000		20681653.41		A	1.0
9	☐	1.000		19079912.23		A	0.3

103 Rh (ISTD) [He]

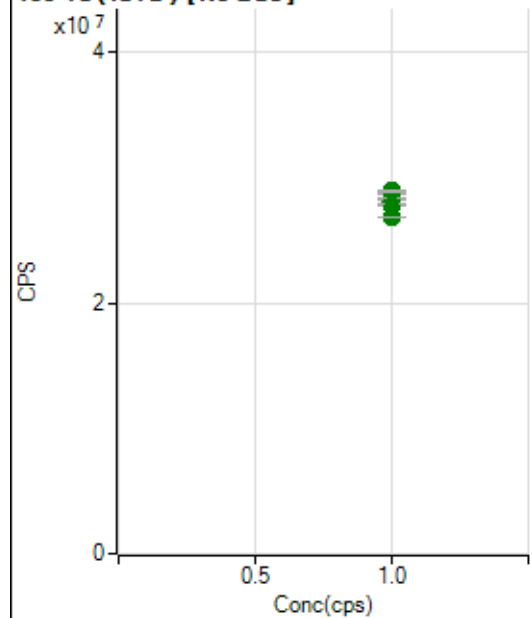
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10005272.28		A	0.5
2	☐	1.000					
3	☐	1.000		9978728.74		A	0.6
4	☐	1.000		9646832.21		A	0.4
5	☐	1.000		9422878.47		A	0.4
6	☐	1.000		9416596.18		A	0.1
7	☐	1.000		9638483.81		A	0.8
8	☐	1.000		9548587.15		A	0.4
9	☐	1.000		8909879.38		A	0.0

115 In (ISTD) [No Gas]

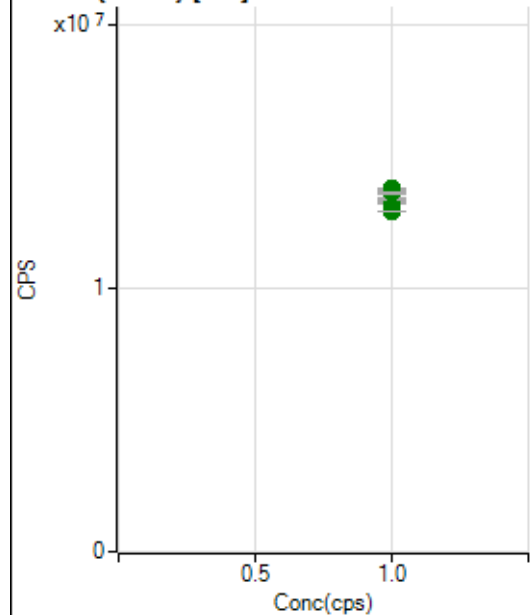
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23632138.81		A	0.5
2	☐	1.000					
3	☐	1.000		22847249.33		A	0.7
4	☐	1.000		22579313.56		A	0.6
5	☐	1.000		22136865.43		A	0.6
6	☐	1.000		22038868.22		A	0.5
7	☐	1.000		22218651.06		A	1.0
8	☐	1.000		22817451.19		A	0.7
9	☐	1.000		21858224.36		A	0.3

115 In (ISTD) [He]

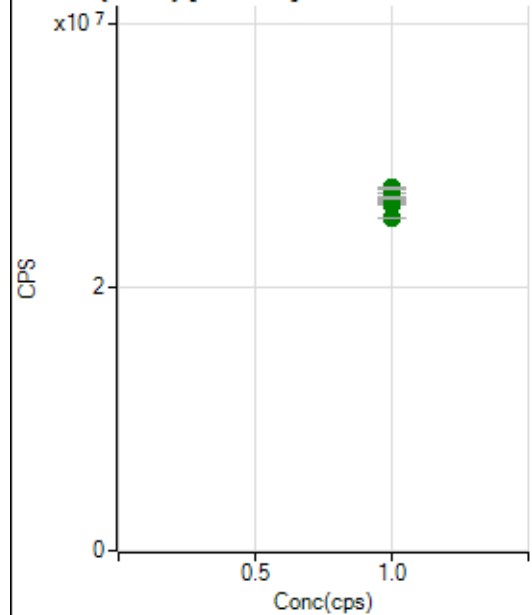
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4288855.88		P	0.9
2	☐	1.000					
3	☐	1.000		4294274.68		P	0.8
4	☐	1.000		4197094.70		P	0.4
5	☐	1.000		4127921.73		P	0.6
6	☐	1.000		4140471.86		P	0.3
7	☐	1.000		4282101.07		P	0.5
8	☐	1.000		4272275.84		P	0.8
9	☐	1.000		4263792.10		P	0.8

159 Tb (ISTD) [No Gas]

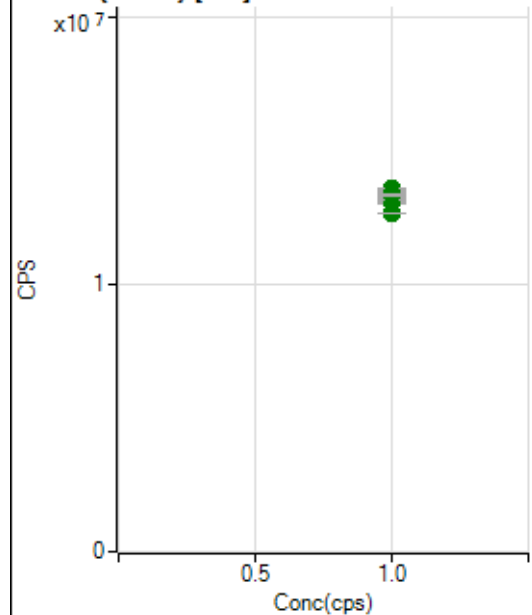
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28811247.63		A	0.4
2	☐	1.000					
3	☐	1.000		27719302.64		A	0.0
4	☐	1.000		27821139.59		A	0.4
5	☐	1.000		27793374.86		A	0.3
6	☐	1.000		28112004.03		A	0.7
7	☐	1.000		28355630.41		A	0.2
8	☐	1.000		28967602.07		A	0.6
9	☐	1.000		26897370.71		A	0.1

159 Tb (ISTD) [He]

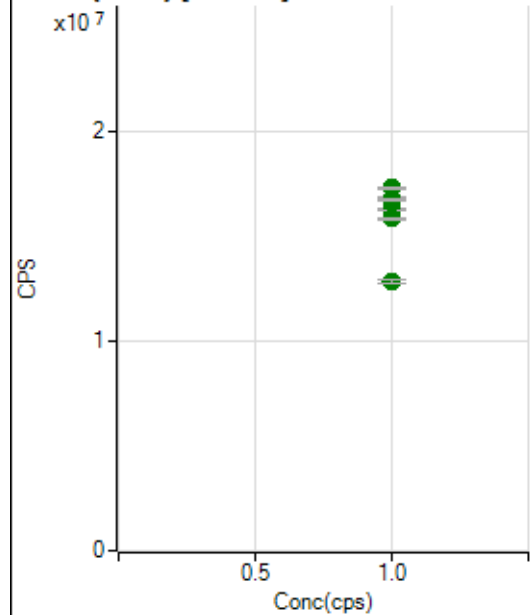
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13764414.38		A	0.4
2	☐	1.000					
3	☐	1.000		13274371.19		A	0.8
4	☐	1.000		13343592.30		A	0.3
5	☐	1.000		13278125.50		A	0.3
6	☐	1.000		13379940.50		A	0.7
7	☐	1.000		13654058.41		A	0.6
8	☐	1.000		13611263.82		A	0.3
9	☐	1.000		12931173.42		A	0.1

165 Ho (ISTD) [No Gas]

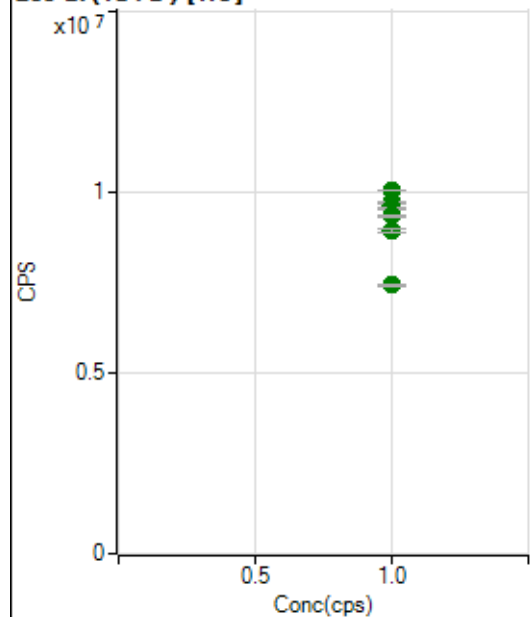
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27135346.79		A	0.3
2	☐	1.000					
3	☐	1.000		26231485.14		A	0.4
4	☐	1.000		26472002.85		A	1.3
5	☐	1.000		26480425.94		A	0.5
6	☐	1.000		26711336.01		A	0.4
7	☐	1.000		26775789.31		A	0.6
8	☐	1.000		27498413.81		A	0.3
9	☐	1.000		25200929.04		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13573532.57		A	0.3
2	☐	1.000					
3	☐	1.000		13072737.17		A	1.0
4	☐	1.000		13077195.92		A	0.2
5	☐	1.000		13088177.86		A	0.1
6	☐	1.000		13198883.14		A	0.6
7	☐	1.000		13383950.77		A	0.9
8	☐	1.000		13368678.69		A	0.5
9	☐	1.000		12644176.48		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17306929.74		A	0.6
2	☐	1.000					
3	☐	1.000		16334176.84		A	0.2
4	☐	1.000		16722044.47		A	0.8
5	☐	1.000		16803894.19		A	0.4
6	☐	1.000		16716279.06		A	0.4
7	☐	1.000		16265280.87		A	0.0
8	☐	1.000		15835130.46		A	0.2
9	☐	1.000		12824715.50		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10034597.56		A	0.1
2	☐	1.000					
3	☐	1.000		9608132.91		A	1.6
4	☐	1.000		9713048.88		A	0.5
5	☐	1.000		9550710.97		A	0.5
6	☐	1.000		9535541.25		A	0.6
7	☐	1.000		9358261.87		A	0.6
8	☐	1.000		8958112.65		A	1.3
9	☐	1.000		7436846.76		A	0.9

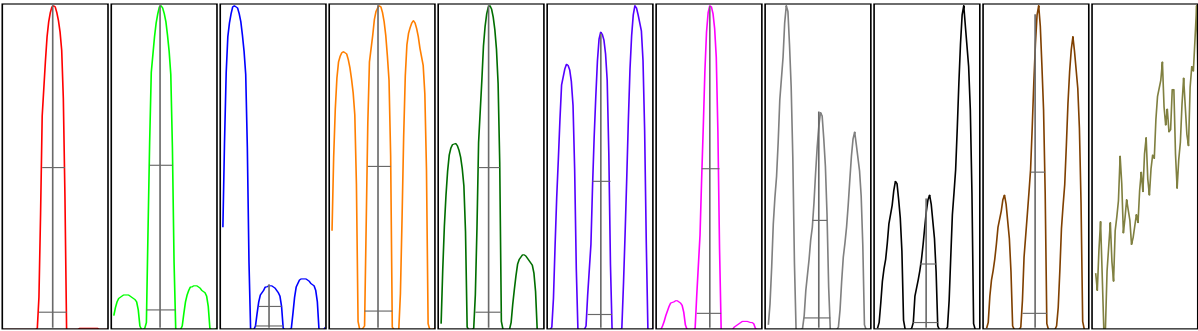
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7101719A.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	24252	0.21	5.00	
24	1169096	0.32	5.00	
25	157791	0.43	5.00	
26	184721	0.66	5.00	
59	180186	0.76	5.00	
113	21227	0.31	5.00	
115	264241	1.16	5.00	
206	46506	0.86	5.00	
207	42298	0.70	5.00	
208	100827	0.78	5.00	
220	96	2.12		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	24207	24208	24307	24233	24304
24	1172489	1168329	1163254	1169492	1171917
25	158760	157778	157328	158055	157031
26	186598	184863	184377	183193	184575
59	181892	180988	180208	179493	178350
113	21209	21140	21216	21323	21247
115	260104	262515	264224	266717	267644
206	47011	46624	46247	46671	45979
207	42788	42195	42304	42004	42198
208	101947	101217	100762	100177	100030
220	95	98	95	94	99

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	38128	8.95	8.9 - 9.1		0.819	0.900	
24	1820067	23.90	23.9 - 24.1		0.829	0.900	
25	245679	24.90	24.9 - 25.1		0.792	0.900	
26	286559	25.90	25.9 - 26.1		0.788	0.900	
59	306378	58.95	58.9 - 59.1		0.774	0.900	
113	43059	113.05	112.9 - 113.1		0.720	0.900	
115	535115	115.05	114.9 - 115.1		0.718	0.900	
206	104641	206.05	205.9 - 206.1		0.749	0.900	
207	91867	207.00	206.9 - 207.1		0.704	0.900	
208	221993	208.00	207.9 - 208.1		0.720	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.6	V	Deflect	13.8	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	43924	0.26	
89	38689	0.49	
205	40010	0.53	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	44091	43798	43836	43969	43927
89	38986	38746	38515	38640	38560
205	40259	39995	39678	40098	40019

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.5	V	Deflect	2.0	V
Extract 2	-115.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:00:55 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.03	0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.07	0.05	0.02	0.00	N/A	ppb
Boron	11-1	-0.05	-0.02	0.08	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.29	0.05	-0.34	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.07	0.01	0.00	N/A	ppb
Calcium	43-1	-0.10	-0.11	0.21	0.00	N/A	ppb
Calcium	44-1	0.92	-0.99	0.07	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Iron	57-2	-0.60	0.31	0.29	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.15	0.20	-0.05	0.00	N/A	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:00:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-27.11	-29.41	-26.39	-27.64		ppb
Potassium	39-2	0.68	-0.49	-0.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.07	-0.07	0.14	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.29	0.42	0.00	N/A	ppb
Selenium	82-1	0.31	-0.32	0.01	0.00	N/A	ppb
Silicon	28-1	-0.14	0.07	0.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.32	0.68	-0.36	0.00	N/A	ppb
Strontium	86-1	-0.03	0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-233.09	-237.39	-193.71	-221.40		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:00:55	DataFile Name :	003CALB.d

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

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.84	21.20	22.28	21.11	5.80	ppb
Antimony	121-1	1.98	2.02	2.01	2.01	0.91	ppb
Arsenic	75-2	0.96	1.23	1.17	1.12	12.43	ppb
Barium	135-1	10.41	10.46	10.11	10.33	1.81	ppb
Barium	137-1	10.59	10.53	10.35	10.49	1.21	ppb
Beryllium	9-1	1.10	1.15	1.04	1.09	5.10	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	25.20	25.18	25.85	25.41	1.50	ppb
Boron	11-1	24.84	25.14	24.83	24.94	0.70	ppb
Cadmium	111-1	1.13	1.07	1.08	1.09	3.19	ppb
Cadmium	106-1	2.84	1.35	1.71	1.97	39.45	ppb
Cadmium	108-1	1.12	1.06	1.12	1.10	3.13	ppb
Calcium	43-1	520.05	525.58	502.16	515.93	2.37	ppb
Calcium	44-1	518.10	512.29	519.56	516.65	0.74	ppb
Chromium	52-2	2.14	2.06	2.07	2.09	2.00	ppb
Cobalt	59-2	1.08	1.07	1.06	1.07	0.82	ppb
Copper	63-2	2.15	2.10	2.08	2.11	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				97		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	58.53	59.14	58.85	58.84	0.52	ppb
Iron	57-2	61.12	60.07	60.24	60.48	0.93	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.92	0.94	0.95	4.71	ppb
Lead	207-1	0.97	0.96	0.94	0.95	1.43	ppb
Lead	208-1	0.96	0.95	0.93	0.95	1.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	568.50	565.95	569.55	568.00	0.33	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.08	1.08	1.08	0.37	ppb
Molybdenum	94-1	4.93	5.08	5.02	5.01	1.59	ppb
Molybdenum	95-1	5.23	5.15	5.14	5.17	0.90	ppb
Molybdenum	96-1	5.36	5.34	5.14	5.28	2.32	ppb
Molybdenum	97-1	5.40	5.17	5.04	5.20	3.50	ppb
Molybdenum	98-1	5.21	5.18	5.10	5.16	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.23	1.11	1.16	5.64	ppb
Phosphorus	31-2	28.82	15.93	38.17	27.64	40.40	ppb
Potassium	39-2	512.99	514.12	512.48	513.20	0.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	5.09	5.35	4.04	4.83	14.32	ppb
Selenium	78-2	5.61	5.49	4.90	5.33	7.08	ppb
Selenium	82-1	6.22	6.06	6.22	6.17	1.54	ppb
Silicon	28-1	11.60	11.39	12.29	11.76	4.00	ppb
Silver	109-1	1.16	1.19	1.17	1.17	1.42	ppb
Silver	107-1	1.18	1.16	1.14	1.16	1.42	ppb
Sodium	23-2	538.14	542.05	544.62	541.60	0.60	ppb
Strontium	86-1	1.02	1.03	1.06	1.04	1.99	ppb
Strontium	88-1	1.03	1.01	1.03	1.02	0.85	ppb
Sulfur	34-1	165.16	214.59	284.45	221.40	27.07	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.97	0.96	0.93	0.96	2.31	ppb
Thallium	205-1	0.99	1.01	0.94	0.98	3.32	ppb
Thorium	232-1	0.83	0.83	0.81	0.83	1.30	ppb
Tin	118-1	5.43	5.29	5.32	5.35	1.39	ppb
Titanium	47-1	5.27	5.24	5.48	5.33	2.41	ppb
Uranium	238-1	0.96	0.97	0.92	0.95	2.45	ppb
Vanadium	51-2	5.59	5.47	5.42	5.50	1.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.45	1.44	1.29	1.39	6.50	ppb
Zirconium	90-1	0.89	0.88	0.90	0.89	1.32	ppb
Zirconium	91-1	0.99	0.85	0.92	0.92	7.35	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:13:03 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1014.64	1019.95	995.00	1009.86	1.30	ppb
Antimony	121-1	49.80	50.16	49.99	49.98	0.36	ppb
Arsenic	75-2	52.81	51.81	52.15	52.26	0.98	ppb
Barium	135-1	252.11	255.13	251.55	252.93	0.76	ppb
Barium	137-1	255.71	253.89	255.80	255.13	0.42	ppb
Beryllium	9-1	52.98	52.35	51.10	52.14	1.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	51.36	51.10	50.61	51.03	0.76	ppb
Boron	11-1	48.91	49.89	48.85	49.22	1.19	ppb
Cadmium	111-1	53.00	53.32	52.74	53.02	0.55	ppb
Cadmium	106-1	54.77	51.52	52.44	52.91	3.16	ppb
Cadmium	108-1	52.07	53.39	53.23	52.90	1.37	ppb
Calcium	43-1	5117.91	5133.52	5079.73	5110.39	0.54	ppb
Calcium	44-1	5098.64	5259.03	5224.97	5194.21	1.63	ppb
Chromium	52-2	52.14	51.49	50.75	51.46	1.35	ppb
Cobalt	59-2	53.11	52.88	52.60	52.86	0.48	ppb
Copper	63-2	106.26	106.27	103.72	105.42	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	2758.97	2739.94	2689.15	2729.35	1.32	ppb
Iron	57-2	2762.33	2739.24	2713.19	2738.26	0.90	ppb
Krypton	83-1						cps
Lead	206-1	47.84	48.30	47.89	48.01	0.53	ppb
Lead	207-1	47.76	48.39	47.53	47.89	0.92	ppb
Lead	208-1	47.73	48.25	47.85	47.94	0.57	ppb
Lithium	6-1				106		%
Magnesium	24-2	5419.00	5530.19	5444.48	5464.56	1.07	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:13:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.85	104.27	101.84	103.32	1.26	ppb
Molybdenum	94-1	255.21	252.55	257.72	255.16	1.01	ppb
Molybdenum	95-1	254.00	250.40	255.64	253.35	1.06	ppb
Molybdenum	96-1	255.26	251.24	258.19	254.90	1.37	ppb
Molybdenum	97-1	252.99	252.49	257.61	254.37	1.11	ppb
Molybdenum	98-1	253.90	251.42	256.72	254.01	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.79	54.99	54.07	54.61	0.89	ppb
Phosphorus	31-2	988.63	1076.15	1013.00	1025.93	4.40	ppb
Potassium	39-2	2483.05	2481.77	2490.17	2485.00	0.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	45.33	57.91	53.73	52.32	12.25	ppb
Selenium	78-2	55.29	53.83	54.26	54.46	1.38	ppb
Selenium	82-1	55.51	54.33	56.06	55.30	1.60	ppb
Silicon	28-1	62.52	61.44	62.48	62.15	0.98	ppb
Silver	109-1	53.31	53.28	52.96	53.19	0.36	ppb
Silver	107-1	53.05	53.51	53.39	53.31	0.45	ppb
Sodium	23-2	5373.01	5388.08	5393.21	5384.77	0.20	ppb
Strontium	86-1	50.64	50.23	51.22	50.70	0.99	ppb
Strontium	88-1	50.37	50.40	50.93	50.57	0.63	ppb
Sulfur	34-1	1373.90	1344.49	1267.05	1328.48	4.15	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	48.92	49.07	48.43	48.81	0.68	ppb
Thallium	205-1	49.87	49.57	49.26	49.57	0.61	ppb
Thorium	232-1	47.24	47.01	47.30	47.18	0.32	ppb
Tin	118-1	50.42	50.26	50.53	50.40	0.27	ppb
Titanium	47-1	251.74	248.08	252.77	250.87	0.98	ppb
Uranium	238-1	48.56	48.40	48.46	48.47	0.16	ppb
Vanadium	51-2	50.65	50.56	50.28	50.50	0.39	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:13:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.28	105.83	104.85	105.98	1.16	ppb
Zirconium	90-1	49.91	49.92	50.48	50.10	0.65	ppb
Zirconium	91-1	50.05	49.83	49.82	49.90	0.26	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2475.74	2507.86	2461.34	2481.64	0.96	ppb
Antimony	121-1	124.22	123.67	123.12	123.67	0.44	ppb
Arsenic	75-2	129.06	128.04	126.84	127.98	0.87	ppb
Barium	135-1	618.35	619.72	619.77	619.28	0.13	ppb
Barium	137-1	621.28	625.59	623.32	623.40	0.35	ppb
Beryllium	9-1	126.68	125.66	127.56	126.63	0.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	121.39	124.30	125.52	123.74	1.71	ppb
Boron	11-1	119.99	119.99	125.14	121.71	2.44	ppb
Cadmium	111-1	128.77	128.01	127.42	128.07	0.53	ppb
Cadmium	106-1	128.64	132.28	125.99	128.97	2.45	ppb
Cadmium	108-1	129.46	129.16	129.47	129.36	0.13	ppb
Calcium	43-1	12712.99	12619.93	12470.60	12601.17	0.97	ppb
Calcium	44-1	12598.34	12535.09	12461.63	12531.69	0.55	ppb
Chromium	52-2	127.81	127.12	127.90	127.61	0.34	ppb
Cobalt	59-2	127.96	128.11	128.71	128.26	0.31	ppb
Copper	63-2	254.76	256.69	257.80	256.42	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	6672.77	6645.49	6659.51	6659.26	0.20	ppb
Iron	57-2	6692.97	6656.05	6619.46	6656.16	0.55	ppb
Krypton	83-1						cps
Lead	206-1	118.01	119.73	118.69	118.81	0.73	ppb
Lead	207-1	118.20	120.02	118.07	118.76	0.92	ppb
Lead	208-1	118.73	120.29	119.17	119.40	0.68	ppb
Lithium	6-1				106		%
Magnesium	24-2	13540.11	13608.28	13407.08	13518.49	0.76	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.55	252.84	251.77	253.05	0.55	ppb
Molybdenum	94-1	632.83	634.25	633.34	633.47	0.11	ppb
Molybdenum	95-1	629.17	631.10	634.17	631.48	0.40	ppb
Molybdenum	96-1	624.10	627.37	625.10	625.52	0.27	ppb
Molybdenum	97-1	624.19	624.75	626.20	625.05	0.17	ppb
Molybdenum	98-1	622.03	621.89	618.38	620.77	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.12	130.88	133.32	131.77	1.02	ppb
Phosphorus	31-2	2583.95	2454.14	2485.25	2507.78	2.70	ppb
Potassium	39-2	6188.42	6131.28	6081.09	6133.60	0.88	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	119.68	126.60	123.64	123.31	2.82	ppb
Selenium	78-2	133.04	127.48	128.95	129.82	2.22	ppb
Selenium	82-1	134.21	133.86	134.75	134.28	0.33	ppb
Silicon	28-1	153.04	153.87	154.34	153.75	0.43	ppb
Silver	109-1	128.26	127.73	127.60	127.86	0.27	ppb
Silver	107-1	129.12	127.81	127.86	128.26	0.58	ppb
Sodium	23-2	13411.07	13455.94	13347.13	13404.72	0.41	ppb
Strontium	86-1	122.98	124.94	125.19	124.37	0.97	ppb
Strontium	88-1	123.56	124.82	123.87	124.08	0.53	ppb
Sulfur	34-1	2726.49	2618.79	2495.38	2613.55	4.42	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	121.85	121.88	120.78	121.51	0.52	ppb
Thallium	205-1	121.99	124.23	122.96	123.06	0.91	ppb
Thorium	232-1	118.76	118.80	118.56	118.70	0.11	ppb
Tin	118-1	123.71	124.35	123.80	123.95	0.28	ppb
Titanium	47-1	623.07	627.23	621.84	624.05	0.45	ppb
Uranium	238-1	120.27	119.72	120.44	120.14	0.32	ppb
Vanadium	51-2	124.10	125.47	124.15	124.57	0.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	260.81	262.21	260.25	261.09	0.39	ppb
Zirconium	90-1	124.68	124.66	125.50	124.95	0.38	ppb
Zirconium	91-1	123.69	124.67	123.89	124.08	0.42	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:20:57 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4943.00	5007.08	4939.78	4963.29	0.76	ppb
Antimony	121-1	245.27	245.51	244.22	245.00	0.28	ppb
Arsenic	75-2	252.67	257.20	251.82	253.90	1.14	ppb
Barium	135-1	1233.74	1237.07	1230.34	1233.72	0.27	ppb
Barium	137-1	1227.61	1224.61	1224.24	1225.48	0.15	ppb
Beryllium	9-1	247.70	249.02	244.22	246.98	1.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	239.48	242.64	239.64	240.59	0.74	ppb
Boron	11-1	239.47	237.60	236.45	237.84	0.64	ppb
Cadmium	111-1	251.18	251.67	248.56	250.47	0.67	ppb
Cadmium	106-1	252.80	250.45	250.10	251.11	0.58	ppb
Cadmium	108-1	254.46	251.43	252.69	252.86	0.60	ppb
Calcium	43-1	25236.66	25809.52	25298.77	25448.32	1.24	ppb
Calcium	44-1	25150.63	25456.60	24994.91	25200.71	0.93	ppb
Chromium	52-2	253.05	252.99	251.64	252.56	0.31	ppb
Cobalt	59-2	255.52	258.21	254.02	255.92	0.83	ppb
Copper	63-2	504.06	506.87	504.76	505.23	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	56-2	13374.77	13444.73	13241.80	13353.77	0.77	ppb
Iron	57-2	13229.05	13414.37	13254.52	13299.31	0.76	ppb
Krypton	83-1						cps
Lead	206-1	238.64	239.82	237.38	238.61	0.51	ppb
Lead	207-1	238.10	239.26	238.36	238.58	0.25	ppb
Lead	208-1	238.48	238.73	237.81	238.34	0.20	ppb
Lithium	6-1				105		%
Magnesium	24-2	26466.55	26959.85	26662.28	26696.23	0.93	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:20:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	510.16	508.87	504.87	507.97	0.54	ppb
Molybdenum	94-1	1225.85	1257.66	1248.13	1243.88	1.31	ppb
Molybdenum	95-1	1237.33	1260.16	1249.29	1248.93	0.91	ppb
Molybdenum	96-1	1241.13	1257.84	1261.58	1253.52	0.87	ppb
Molybdenum	97-1	1240.76	1247.53	1249.14	1245.81	0.36	ppb
Molybdenum	98-1	1240.97	1247.77	1248.68	1245.81	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.66	263.55	261.50	262.24	0.43	ppb
Phosphorus	31-2	5078.40	5197.74	5182.13	5152.76	1.26	ppb
Potassium	39-2	12166.64	12344.63	12177.27	12229.51	0.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	247.73	254.61	264.79	255.71	3.36	ppb
Selenium	78-2	262.14	261.21	258.71	260.69	0.68	ppb
Selenium	82-1	259.99	264.23	264.47	262.90	0.96	ppb
Silicon	28-1	303.70	308.51	304.72	305.65	0.83	ppb
Silver	109-1	252.70	249.82	251.67	251.40	0.58	ppb
Silver	107-1	253.63	254.36	252.43	253.47	0.39	ppb
Sodium	23-2	26294.49	26555.48	26638.63	26496.20	0.68	ppb
Strontium	86-1	246.76	250.28	250.00	249.01	0.78	ppb
Strontium	88-1	247.88	248.85	248.65	248.46	0.21	ppb
Sulfur	34-1	4710.40	4783.96	4509.49	4667.95	3.04	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	245.65	245.84	243.78	245.09	0.46	ppb
Thallium	205-1	243.86	242.77	241.87	242.83	0.41	ppb
Thorium	232-1	242.65	240.40	241.10	241.38	0.48	ppb
Tin	118-1	244.23	243.92	243.71	243.95	0.11	ppb
Titanium	47-1	1233.41	1252.75	1242.87	1243.01	0.78	ppb
Uranium	238-1	246.17	245.19	245.31	245.56	0.22	ppb
Vanadium	51-2	248.50	250.54	249.19	249.41	0.42	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:20:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	512.07	511.21	510.79	511.36	0.13	ppb
Zirconium	90-1	246.39	248.90	246.30	247.20	0.60	ppb
Zirconium	91-1	242.62	249.49	247.03	246.38	1.41	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:24:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9838.99	9688.79	9665.46	9731.08	0.97	ppb
Antimony	121-1	494.46	493.32	496.39	494.72	0.31	ppb
Arsenic	75-2	507.66	500.24	501.77	503.22	0.78	ppb
Barium	135-1	2475.10	2454.41	2465.17	2464.89	0.42	ppb
Barium	137-1	2482.76	2475.89	2488.10	2482.25	0.25	ppb
Beryllium	9-1	491.14	501.26	507.01	499.80	1.61	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	483.95	492.73	506.55	494.41	2.30	ppb
Boron	11-1	483.08	493.07	502.87	493.01	2.01	ppb
Cadmium	111-1	498.55	500.26	502.18	500.33	0.36	ppb
Cadmium	106-1	496.54	497.24	504.32	499.37	0.86	ppb
Cadmium	108-1	501.95	496.99	509.43	502.79	1.25	ppb
Calcium	43-1	50314.14	50939.29	50436.89	50563.44	0.66	ppb
Calcium	44-1	50716.29	50630.82	50288.10	50545.07	0.45	ppb
Chromium	52-2	509.11	502.46	499.84	503.80	0.95	ppb
Cobalt	59-2	510.82	506.32	500.10	505.75	1.06	ppb
Copper	63-2	996.70	987.93	972.20	985.61	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	26708.53	26348.51	26167.81	26408.28	1.04	ppb
Iron	57-2	26765.91	26153.64	26165.15	26361.57	1.33	ppb
Krypton	83-1						cps
Lead	206-1	484.92	476.47	480.64	480.67	0.88	ppb
Lead	207-1	486.96	481.72	487.18	485.29	0.64	ppb
Lead	208-1	484.40	482.14	482.72	483.08	0.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	52612.77	51964.39	52064.78	52213.98	0.67	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:24:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.98	1017.40	1000.63	1012.33	1.00	ppb
Molybdenum	94-1	2500.50	2499.30	2497.57	2499.13	0.06	ppb
Molybdenum	95-1	2512.70	2509.00	2489.99	2503.90	0.49	ppb
Molybdenum	96-1	2528.94	2506.32	2513.82	2516.36	0.46	ppb
Molybdenum	97-1	2525.07	2484.38	2521.80	2510.42	0.90	ppb
Molybdenum	98-1	2543.41	2506.94	2520.98	2523.77	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.54	514.66	507.65	513.62	1.07	ppb
Phosphorus	31-2	10184.12	10099.61	9875.39	10053.04	1.59	ppb
Potassium	39-2	24701.94	24166.66	24285.77	24384.79	1.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	506.56	510.11	523.50	513.39	1.74	ppb
Selenium	78-2	512.04	502.17	506.80	507.00	0.97	ppb
Selenium	82-1	513.01	516.63	509.99	513.21	0.65	ppb
Silicon	28-1	519.38	528.08	525.51	524.32	0.85	ppb
Silver	109-1	503.66	501.54	503.36	502.85	0.23	ppb
Silver	107-1	501.00	501.23	505.88	502.70	0.55	ppb
Sodium	23-2	52564.51	52072.62	51463.72	52033.62	1.06	ppb
Strontium	86-1	499.88	497.29	498.70	498.62	0.26	ppb
Strontium	88-1	501.60	498.70	499.10	499.80	0.31	ppb
Sulfur	34-1	9636.14	9715.50	9519.54	9623.73	1.02	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	494.50	490.48	492.94	492.64	0.41	ppb
Thallium	205-1	495.28	487.10	494.64	492.34	0.92	ppb
Thorium	232-1	498.38	491.90	493.36	494.55	0.69	ppb
Tin	118-1	494.31	492.17	495.19	493.89	0.31	ppb
Titanium	47-1	2511.97	2513.95	2493.68	2506.53	0.45	ppb
Uranium	238-1	502.03	490.55	496.41	496.33	1.16	ppb
Vanadium	51-2	506.39	504.93	495.71	502.34	1.15	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:24:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.47	980.41	978.65	983.85	0.76	ppb
Zirconium	90-1	500.62	497.77	500.14	499.51	0.31	ppb
Zirconium	91-1	497.70	494.97	499.04	497.24	0.42	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:28:24 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19627.11	19166.35	19208.28	19333.92	1.32	ppb
Antimony	121-1	1003.75	1003.42	1004.99	1004.06	0.08	ppb
Arsenic	75-2	995.91	997.30	997.57	996.93	0.09	ppb
Barium	135-1	5004.77	5028.08	5033.73	5022.19	0.31	ppb
Barium	137-1	5011.80	5012.13	5020.91	5014.95	0.10	ppb
Beryllium	9-1	998.06	998.49	1005.08	1000.54	0.39	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	989.74	1015.72	1010.28	1005.25	1.36	ppb
Boron	11-1	993.94	1022.32	1004.71	1006.99	1.42	ppb
Cadmium	111-1	995.89	994.42	1007.25	999.18	0.70	ppb
Cadmium	106-1	1002.32	995.08	1000.79	999.40	0.38	ppb
Cadmium	108-1	992.23	992.18	1007.19	997.20	0.87	ppb
Calcium	43-1	103095.48	102258.57	101790.52	102381.52	0.65	ppb
Calcium	44-1	101789.97	101579.04	101240.12	101536.38	0.27	ppb
Chromium	52-2	998.88	998.08	994.22	997.06	0.25	ppb
Cobalt	59-2	1007.42	994.27	983.60	995.10	1.20	ppb
Copper	63-2	2023.75	2001.49	1989.20	2004.81	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	52482.30	51733.21	51553.10	51922.87	0.95	ppb
Iron	57-2	52827.04	52440.37	52709.40	52658.94	0.38	ppb
Krypton	83-1						cps
Lead	206-1	1011.46	1015.82	1012.87	1013.38	0.22	ppb
Lead	207-1	1006.62	1012.73	1013.94	1011.10	0.39	ppb
Lead	208-1	1011.93	1011.77	1012.83	1012.18	0.06	ppb
Lithium	6-1				94		%
Magnesium	24-2	103744.81	102705.25	102337.72	102929.26	0.71	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:28:24	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2014.33	1983.97	1975.58	1991.29	1.02	ppb
Molybdenum	94-1	4993.66	4989.30	5018.99	5000.65	0.32	ppb
Molybdenum	95-1	4960.11	4979.71	5052.21	4997.34	0.97	ppb
Molybdenum	96-1	4965.55	4959.90	5046.45	4990.63	0.97	ppb
Molybdenum	97-1	4997.54	4965.44	5023.86	4995.62	0.59	ppb
Molybdenum	98-1	4977.76	4983.74	5006.97	4989.49	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.52	987.02	986.62	989.05	0.39	ppb
Phosphorus	31-2	20247.79	19875.91	19675.36	19933.02	1.46	ppb
Potassium	39-2	49389.07	49104.10	48763.40	49085.52	0.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	1001.52	1000.41	973.98	991.97	1.57	ppb
Selenium	78-2	990.20	987.19	1001.60	993.00	0.77	ppb
Selenium	82-1	984.33	983.25	998.64	988.74	0.87	ppb
Silicon	28-1	968.57	982.61	957.94	969.71	1.28	ppb
Silver	109-1	993.61	995.92	1003.59	997.71	0.52	ppb
Silver	107-1	997.44	993.55	1000.63	997.21	0.36	ppb
Sodium	23-2	102783.50	101905.26	102106.46	102265.07	0.45	ppb
Strontium	86-1	997.34	995.18	1010.41	1000.98	0.82	ppb
Strontium	88-1	1002.08	995.83	1003.81	1000.57	0.42	ppb
Sulfur	34-1	20277.88	20386.74	20056.97	20240.53	0.83	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1011.20	1004.49	1000.52	1005.40	0.54	ppb
Thallium	205-1	1011.85	1007.03	998.78	1005.89	0.66	ppb
Thorium	232-1	1002.73	1012.77	1001.93	1005.81	0.60	ppb
Tin	118-1	1008.92	995.62	1009.48	1004.68	0.78	ppb
Titanium	47-1	5013.76	4995.31	4986.60	4998.56	0.28	ppb
Uranium	238-1	1000.85	1008.65	1001.38	1003.63	0.43	ppb
Vanadium	51-2	1008.27	997.70	991.04	999.00	0.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:28:24	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2021.20	2003.49	1985.97	2003.55	0.88	ppb
Zirconium	90-1	1000.09	1002.69	1000.06	1000.95	0.15	ppb
Zirconium	91-1	998.61	1003.97	1004.64	1002.41	0.33	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:32:09 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99377.67	100324.44	100784.80	100162.30	0.72	ppb
Antimony	121-1	1.52	1.58	1.56	1.55	2.18	ppb
Arsenic	75-2	1.48	1.46	1.47	1.47	0.76	ppb
Barium	135-1	0.84	0.73	0.74	0.77	8.25	ppb
Barium	137-1	0.79	0.77	0.76	0.77	1.79	ppb
Beryllium	9-1	0.14	0.09	0.11	0.11	21.61	ppb
Bismuth	209-1				74		%
Bismuth	209-2				74		%
Boron	10-1	40.56	38.92	34.24	37.90	8.64	ppb
Boron	11-1	40.17	37.28	35.28	37.58	6.54	ppb
Cadmium	111-1	0.34	0.32	0.35	0.34	3.74	ppb
Cadmium	106-1	2.54	2.13	2.16	2.27	10.10	ppb
Cadmium	108-1	0.28	0.30	0.19	0.26	22.51	ppb
Calcium	43-1	500417.96	499753.20	498152.70	499441.29	0.23	ppb
Calcium	44-1	498686.61	501582.13	498607.54	499625.43	0.34	ppb
Chromium	52-2	33.45	34.10	33.97	33.84	1.02	ppb
Cobalt	59-2	11.15	11.31	11.28	11.25	0.76	ppb
Copper	63-2	3.11	3.12	3.04	3.09	1.45	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				93		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				99		%
Iron	56-2	247779.28	250605.23	249873.64	249419.38	0.59	ppb
Iron	57-2	247093.93	252057.16	248687.57	249279.55	1.02	ppb
Krypton	83-1						cps
Lead	206-1	1.14	1.11	1.13	1.12	1.29	ppb
Lead	207-1	1.20	1.16	1.15	1.17	2.14	ppb
Lead	208-1	1.15	1.13	1.15	1.15	1.11	ppb
Lithium	6-1				89		%
Magnesium	24-2	495513.44	499741.05	501978.79	499077.76	0.66	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:32:09	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.19	7.09	7.10	7.13	0.79	ppb
Molybdenum	94-1	4.07	4.07	4.04	4.06	0.45	ppb
Molybdenum	95-1	5.11	4.99	5.12	5.08	1.42	ppb
Molybdenum	96-1	7.50	7.48	7.46	7.48	0.22	ppb
Molybdenum	97-1	4.99	5.08	5.16	5.08	1.68	ppb
Molybdenum	98-1	4.91	4.93	4.85	4.89	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.12	29.62	29.86	29.53	1.28	ppb
Phosphorus	31-2	-22.36	-20.29	-21.84	-21.50		ppb
Potassium	39-2	248614.97	250365.45	251802.50	250260.97	0.64	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				104		%
Scandium	45-2				115		%
Selenium	77-2	0.52	1.31	1.11	0.98	41.70	ppb
Selenium	78-2	1.02	0.91	0.74	0.89	15.39	ppb
Selenium	82-1	1.28	1.26	1.86	1.47	23.27	ppb
Silicon	28-1	69.39	70.10	68.59	69.36	1.09	ppb
Silver	109-1	0.22	0.21	0.28	0.24	14.46	ppb
Silver	107-1	0.23	0.25	0.27	0.25	8.89	ppb
Sodium	23-2	494155.72	501950.40	501620.79	499242.31	0.88	ppb
Strontium	86-1	3.98	3.96	3.97	3.97	0.27	ppb
Strontium	88-1	4.01	4.07	4.01	4.03	0.87	ppb
Sulfur	34-1	-901.95	-768.49	-724.35	-798.27		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.36	0.34	0.33	0.34	5.48	ppb
Thallium	205-1	0.36	0.34	0.36	0.35	3.69	ppb
Thorium	232-1	0.19	0.20	0.20	0.20	3.37	ppb
Tin	118-1	0.29	0.28	0.27	0.28	3.66	ppb
Titanium	47-1	1.12	1.21	1.12	1.15	4.57	ppb
Uranium	238-1	0.10	0.09	0.11	0.10	8.26	ppb
Vanadium	51-2	0.21	0.21	0.23	0.22	4.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				109		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:32:09	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	21.62	22.42	21.44	21.83	2.39	ppb
Zirconium	90-1	0.23	0.23	0.26	0.24	7.55	ppb
Zirconium	91-1	0.25	0.25	0.25	0.25	1.28	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:54:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.71	474.46	480.84	478.67	0.76	ppb
Antimony	121-1	213.30	209.43	212.82	211.85	1.00	ppb
Arsenic	75-2	211.79	213.34	214.49	213.21	0.64	ppb
Barium	135-1	105.03	103.69	107.96	105.56	2.07	ppb
Barium	137-1	105.27	104.45	106.32	105.35	0.89	ppb
Beryllium	9-1	104.18	103.04	106.05	104.42	1.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	3.71	4.22	4.20	4.04	7.05	ppb
Boron	11-1	4.33	4.50	4.18	4.34	3.69	ppb
Cadmium	111-1	109.20	107.53	110.38	109.04	1.31	ppb
Cadmium	106-1	92.48	88.78	89.08	90.12	2.28	ppb
Cadmium	108-1	100.57	96.51	99.38	98.82	2.11	ppb
Calcium	43-1	2093.73	2072.13	2083.17	2083.01	0.52	ppb
Calcium	44-1	2097.08	2071.58	2100.36	2089.67	0.75	ppb
Chromium	52-2	100.16	101.08	100.65	100.63	0.46	ppb
Cobalt	59-2	102.61	104.59	102.85	103.35	1.04	ppb
Copper	63-2	101.42	102.24	101.08	101.58	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				111		%
Iron	56-2	1088.71	1099.25	1087.89	1091.95	0.58	ppb
Iron	57-2	1087.67	1120.82	1091.59	1100.03	1.65	ppb
Krypton	83-1						cps
Lead	206-1	199.89	194.48	192.86	195.75	1.88	ppb
Lead	207-1	198.75	196.34	191.40	195.49	1.92	ppb
Lead	208-1	199.33	196.53	193.66	196.51	1.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	1261.88	1274.59	1263.98	1266.82	0.54	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:54:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.91	102.87	102.31	102.03	0.99	ppb
Molybdenum	94-1	0.24	0.28	0.28	0.26	7.53	ppb
Molybdenum	95-1	0.31	0.29	0.30	0.30	4.61	ppb
Molybdenum	96-1	0.31	0.31	0.25	0.29	10.38	ppb
Molybdenum	97-1	0.31	0.29	0.26	0.29	9.48	ppb
Molybdenum	98-1	0.30	0.28	0.30	0.29	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.91	107.38	105.33	106.54	1.01	ppb
Phosphorus	31-2	-30.30	-26.94	-29.20	-28.81		ppb
Potassium	39-2	2017.05	2051.60	2050.71	2039.79	0.97	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	77-2	210.73	222.22	229.43	220.79	4.27	ppb
Selenium	78-2	227.10	218.21	229.75	225.02	2.69	ppb
Selenium	82-1	224.09	219.07	224.22	222.46	1.32	ppb
Silicon	28-1	2.16	1.53	3.10	2.26	34.89	ppb
Silver	109-1	99.95	99.20	100.56	99.90	0.68	ppb
Silver	107-1	100.78	99.26	101.46	100.50	1.12	ppb
Sodium	23-2	2051.53	2110.14	2077.28	2079.65	1.41	ppb
Strontium	86-1	2.36	2.23	2.37	2.32	3.29	ppb
Strontium	88-1	2.41	2.32	2.39	2.37	1.93	ppb
Sulfur	34-1	-730.30	-819.57	-666.40	-738.76		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	205.68	203.39	201.78	203.62	0.96	ppb
Thallium	205-1	206.78	202.70	200.92	203.47	1.48	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	7.62	ppb
Tin	118-1	0.04	0.01	0.00	0.02	138.82	ppb
Titanium	47-1	0.13	0.08	0.09	0.10	27.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.98	ppb
Vanadium	51-2	99.21	101.12	100.22	100.18	0.95	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:54:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	206.67	207.34	205.40	206.47	0.48	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.87	ppb
Zirconium	91-1	0.11	0.08	0.07	0.09	23.24	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:58:20 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.06	0.28	0.20	61.04	ppb
Antimony	121-1	0.12	0.14	0.15	0.14	11.11	ppb
Arsenic	75-2	0.03	0.04	0.02	0.03	34.32	ppb
Barium	135-1	0.00	0.01	0.00	0.00	1358.35	ppb
Barium	137-1	0.02	0.02	0.02	0.02	9.13	ppb
Beryllium	9-1	0.04	0.02	0.01	0.03	50.01	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	3.07	2.94	2.93	2.98	2.60	ppb
Boron	11-1	3.01	2.92	3.07	3.00	2.48	ppb
Cadmium	111-1	0.03	0.02	0.02	0.02	29.80	ppb
Cadmium	106-1	0.16	-0.02	0.02	0.06	170.39	ppb
Cadmium	108-1	0.02	-0.04	-0.01	-0.01		ppb
Calcium	43-1	-3.41	-1.83	-2.74	-2.66		ppb
Calcium	44-1	-24.39	-24.82	-25.53	-24.91		ppb
Chromium	52-2	-0.02	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.09	-0.09	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	56-2	1.09	1.18	1.14	1.14	4.06	ppb
Iron	57-2	0.93	0.82	1.45	1.07	31.65	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.01	0.01	-0.01	0.00	1748.48	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	502.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.70	2.28	1.91	1.96	15.08	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:58:20	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	96.14	ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	36.76	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	68.32	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	49.84	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	31.45	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-28.47	-32.48	-33.15	-31.37		ppb
Potassium	39-2	4.25	1.69	3.68	3.21	42.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				116		%
Selenium	77-2	-0.07	-0.07	0.12	-0.01		ppb
Selenium	78-2	0.12	0.32	0.42	0.28	54.14	ppb
Selenium	82-1	0.09	0.28	0.66	0.34	84.83	ppb
Silicon	28-1	-1.05	-0.40	-0.36	-0.60		ppb
Silver	109-1	0.02	0.02	0.01	0.02	35.72	ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.86	ppb
Sodium	23-2	8.88	9.49	8.99	9.12	3.58	ppb
Strontium	86-1	-0.05	-0.01	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-834.01	-774.96	-777.60	-795.53		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.86	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.28	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	6.48	ppb
Tin	118-1	0.01	0.02	0.02	0.02	9.91	ppb
Titanium	47-1	0.01	0.02	0.03	0.02	45.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	44.03	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:58:20	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.95	-1.04	-1.01	-1.00		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	256.38	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	180.36	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:01:56	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90333.23	87950.35	90642.88	89642.15	1.64	ppb
Antimony	121-1	1.15	1.19	1.16	1.17	1.66	ppb
Arsenic	75-2	0.40	0.43	0.32	0.38	14.31	ppb
Barium	135-1	1.55	1.53	1.55	1.54	0.85	ppb
Barium	137-1	1.51	1.57	1.51	1.53	2.00	ppb
Beryllium	9-1	0.32	0.31	0.27	0.30	7.78	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	3.09	3.59	3.23	3.30	7.84	ppb
Boron	11-1	3.01	3.28	3.22	3.17	4.54	ppb
Cadmium	111-1	0.39	0.30	0.46	0.38	21.40	ppb
Cadmium	106-1	-0.14	-0.99	-0.91	-0.68		ppb
Cadmium	108-1	11.11	10.64	9.73	10.49	6.69	ppb
Calcium	43-1	103360.91	102180.67	101230.01	102257.19	1.04	ppb
Calcium	44-1	103423.28	101835.92	100896.44	102051.88	1.25	ppb
Chromium	52-2	21.18	20.53	20.93	20.88	1.57	ppb
Cobalt	59-2	1.21	1.21	1.19	1.20	1.26	ppb
Copper	63-2	7.17	7.01	7.23	7.14	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	103726.05	101203.77	102372.69	102434.17	1.23	ppb
Iron	57-2	103554.74	101211.37	103316.33	102694.15	1.26	ppb
Krypton	83-1						cps
Lead	206-1	4.55	4.67	4.59	4.60	1.33	ppb
Lead	207-1	4.18	4.23	4.12	4.18	1.27	ppb
Lead	208-1	4.28	4.33	4.31	4.31	0.53	ppb
Lithium	6-1				89		%
Magnesium	24-2	102525.73	99902.71	102868.28	101765.57	1.59	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:01:56	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.77	8.65	8.72	8.71	0.71	ppb
Molybdenum	94-1	1346.20	1337.11	1329.03	1337.44	0.64	ppb
Molybdenum	95-1	1935.62	1927.96	1910.89	1924.82	0.66	ppb
Molybdenum	96-1	1865.64	1859.22	1851.22	1858.69	0.39	ppb
Molybdenum	97-1	1938.67	1911.77	1907.04	1919.16	0.89	ppb
Molybdenum	98-1	1920.94	1925.46	1897.16	1914.52	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.33	6.12	6.42	6.29	2.43	ppb
Phosphorus	31-2	98963.76	97075.18	98767.39	98268.78	1.06	ppb
Potassium	39-2	100990.63	98659.40	100843.12	100164.38	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				116		%
Selenium	77-2	-0.07	0.12	-0.07	-0.01		ppb
Selenium	78-2	-0.12	0.29	-0.30	-0.04		ppb
Selenium	82-1	0.55	-0.08	0.66	0.38	105.59	ppb
Silicon	28-1	19.43	19.33	18.48	19.08	2.72	ppb
Silver	109-1	0.03	0.04	0.04	0.04	12.04	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.56	ppb
Sodium	23-2	101840.54	99682.87	102278.76	101267.39	1.37	ppb
Strontium	86-1	33.88	34.72	33.96	34.19	1.36	ppb
Strontium	88-1	34.45	34.26	34.33	34.35	0.29	ppb
Sulfur	34-1	79178.29	78135.51	76913.34	78075.71	1.45	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.15	0.15	0.14	14.20	ppb
Thallium	205-1	0.12	0.14	0.15	0.14	11.49	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.85	ppb
Tin	118-1	0.21	0.20	0.20	0.20	2.31	ppb
Titanium	47-1	2046.82	2017.56	2009.66	2024.68	0.97	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.40	ppb
Vanadium	51-2	0.17	0.17	0.19	0.17	6.71	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:01:56	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.82	10.46	10.54	10.61	1.76	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.71	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	7.59	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:05:32	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91595.27	91318.55	89552.84	90822.22	1.22	ppb
Antimony	121-1	20.91	20.79	21.34	21.01	1.36	ppb
Arsenic	75-2	20.28	19.64	19.90	19.94	1.61	ppb
Barium	135-1	21.67	21.22	22.07	21.65	1.96	ppb
Barium	137-1	21.80	21.32	22.57	21.90	2.89	ppb
Beryllium	9-1	21.46	20.42	21.42	21.10	2.77	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	68.55	67.64	67.47	67.89	0.85	ppb
Boron	11-1	69.61	68.37	69.80	69.26	1.12	ppb
Cadmium	111-1	20.26	19.83	20.60	20.23	1.91	ppb
Cadmium	106-1	24.35	23.91	24.55	24.27	1.35	ppb
Cadmium	108-1	33.91	31.78	33.61	33.10	3.48	ppb
Calcium	43-1	104013.68	102126.64	105429.57	103856.63	1.60	ppb
Calcium	44-1	102937.61	101986.49	103711.92	102878.67	0.84	ppb
Chromium	52-2	39.83	39.58	39.03	39.48	1.04	ppb
Cobalt	59-2	20.03	19.85	19.47	19.78	1.46	ppb
Copper	63-2	25.17	25.40	24.52	25.03	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	103981.60	102185.37	101000.51	102389.16	1.47	ppb
Iron	57-2	103140.55	102149.95	100291.69	101860.73	1.42	ppb
Krypton	83-1						cps
Lead	206-1	24.41	23.61	24.33	24.12	1.84	ppb
Lead	207-1	23.38	22.64	23.19	23.07	1.67	ppb
Lead	208-1	23.65	23.02	23.57	23.41	1.47	ppb
Lithium	6-1				80		%
Magnesium	24-2	104296.48	103276.14	102178.42	103250.35	1.03	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:05:32	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.30	27.91	27.08	27.76	2.25	ppb
Molybdenum	94-1	1439.38	1426.62	1474.87	1446.95	1.73	ppb
Molybdenum	95-1	1955.36	1934.08	1997.30	1962.24	1.64	ppb
Molybdenum	96-1	1907.81	1876.68	1943.57	1909.36	1.75	ppb
Molybdenum	97-1	1967.67	1919.13	1990.10	1958.97	1.85	ppb
Molybdenum	98-1	1985.51	1928.56	1985.18	1966.42	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.48	24.83	24.71	25.01	1.65	ppb
Phosphorus	31-2	100114.37	99284.89	97847.25	99082.17	1.16	ppb
Potassium	39-2	102365.48	101181.79	100285.69	101277.66	1.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				120		%
Selenium	77-2	20.26	19.08	22.99	20.78	9.67	ppb
Selenium	78-2	19.28	20.53	20.91	20.24	4.20	ppb
Selenium	82-1	20.14	19.52	20.30	19.99	2.05	ppb
Silicon	28-1	74.30	72.50	74.70	73.83	1.59	ppb
Silver	109-1	19.29	18.77	19.19	19.09	1.44	ppb
Silver	107-1	19.18	18.76	19.42	19.12	1.75	ppb
Sodium	23-2	104065.56	103168.23	101280.19	102837.99	1.38	ppb
Strontium	86-1	88.17	86.35	89.42	87.98	1.76	ppb
Strontium	88-1	88.72	86.99	90.30	88.67	1.87	ppb
Sulfur	34-1	78759.90	76787.58	78364.36	77970.61	1.34	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	20.39	20.00	20.69	20.36	1.69	ppb
Thallium	205-1	20.49	20.18	20.36	20.34	0.75	ppb
Thorium	232-1	0.37	0.36	0.37	0.37	2.21	ppb
Tin	118-1	55.35	54.64	57.22	55.74	2.39	ppb
Titanium	47-1	2111.93	2053.10	2100.64	2088.56	1.49	ppb
Uranium	238-1	53.02	53.10	53.54	53.22	0.53	ppb
Vanadium	51-2	19.10	18.82	18.53	18.82	1.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				115		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:05:32	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.34	27.51	28.14	28.00	1.55	ppb
Zirconium	90-1	53.79	52.23	54.17	53.40	1.92	ppb
Zirconium	91-1	52.79	51.64	53.75	52.72	2.00	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:09:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51214.27	50520.11	51317.35	51017.24	0.85	ppb
Antimony	121-1	511.98	519.65	510.32	513.99	0.97	ppb
Arsenic	75-2	495.56	491.48	500.78	495.94	0.94	ppb
Barium	135-1	2563.62	2555.76	2513.23	2544.20	1.07	ppb
Barium	137-1	2565.74	2558.67	2529.13	2551.18	0.76	ppb
Beryllium	9-1	515.96	516.43	512.98	515.12	0.36	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	495.73	508.31	509.64	504.56	1.52	ppb
Boron	11-1	500.72	521.61	508.07	510.13	2.08	ppb
Cadmium	111-1	505.64	514.92	504.95	508.50	1.09	ppb
Cadmium	106-1	511.59	515.72	510.58	512.63	0.53	ppb
Cadmium	108-1	516.35	520.01	510.61	515.66	0.92	ppb
Calcium	43-1	244400.53	249510.67	245975.62	246628.94	1.06	ppb
Calcium	44-1	244160.84	249465.62	244202.96	245943.14	1.24	ppb
Chromium	52-2	491.16	486.36	486.20	487.91	0.58	ppb
Cobalt	59-2	457.79	453.37	460.03	457.06	0.74	ppb
Copper	63-2	928.45	921.77	927.79	926.00	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	122118.21	120460.80	121241.97	121273.66	0.68	ppb
Iron	57-2	122354.43	121063.46	122825.65	122081.18	0.75	ppb
Krypton	83-1						cps
Lead	206-1	502.35	501.69	491.50	498.51	1.22	ppb
Lead	207-1	502.27	501.49	492.91	498.89	1.04	ppb
Lead	208-1	502.03	501.98	490.68	498.23	1.31	ppb
Lithium	6-1				83		%
Magnesium	24-2	246558.95	243594.43	246423.05	245525.48	0.68	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:09:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.08	966.09	971.01	971.72	0.62	ppb
Molybdenum	94-1	2477.81	2493.84	2422.40	2464.68	1.52	ppb
Molybdenum	95-1	2492.78	2464.57	2428.55	2461.97	1.31	ppb
Molybdenum	96-1	2496.78	2467.51	2438.80	2467.69	1.17	ppb
Molybdenum	97-1	2494.02	2460.87	2406.35	2453.75	1.80	ppb
Molybdenum	98-1	2474.31	2456.83	2405.91	2445.68	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.45	457.30	457.66	456.47	0.39	ppb
Phosphorus	31-2	9761.36	9597.03	9874.12	9744.17	1.43	ppb
Potassium	39-2	124347.93	124665.12	125696.84	124903.30	0.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				120		%
Selenium	77-2	517.73	515.52	520.54	517.93	0.49	ppb
Selenium	78-2	519.99	518.19	524.12	520.77	0.58	ppb
Selenium	82-1	512.68	516.61	498.59	509.29	1.86	ppb
Silicon	28-1	466.46	485.99	475.81	476.09	2.05	ppb
Silver	109-1	512.14	520.43	502.46	511.68	1.76	ppb
Silver	107-1	508.42	513.50	504.98	508.97	0.84	ppb
Sodium	23-2	247900.30	246283.65	247502.62	247228.86	0.34	ppb
Strontium	86-1	505.45	502.00	491.21	499.55	1.49	ppb
Strontium	88-1	501.79	506.30	495.00	501.03	1.14	ppb
Sulfur	34-1	8645.65	9163.35	8987.80	8932.27	2.95	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	511.19	513.28	505.58	510.02	0.78	ppb
Thallium	205-1	516.00	514.18	506.20	512.12	1.02	ppb
Thorium	232-1	513.14	510.40	499.04	507.53	1.47	ppb
Tin	118-1	509.24	516.81	509.73	511.93	0.83	ppb
Titanium	47-1	2469.80	2491.18	2439.76	2466.91	1.05	ppb
Uranium	238-1	501.31	509.29	493.38	501.33	1.59	ppb
Vanadium	51-2	483.48	483.30	480.81	482.53	0.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:09:09	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	956.35	946.10	955.86	952.77	0.61	ppb
Zirconium	90-1	500.96	498.14	487.97	495.69	1.38	ppb
Zirconium	91-1	494.90	494.42	487.77	492.36	0.81	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:27:42	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.60	19.54	19.30	19.48	0.82	ppb
Antimony	121-1	2.13	2.10	2.10	2.11	0.77	ppb
Arsenic	75-2	1.10	1.01	0.99	1.03	5.81	ppb
Barium	135-1	10.45	10.60	10.74	10.60	1.37	ppb
Barium	137-1	10.61	10.66	10.87	10.72	1.28	ppb
Beryllium	9-1	1.07	1.07	1.08	1.08	0.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	28.63	28.26	28.81	28.57	0.99	ppb
Boron	11-1	28.45	28.96	29.93	29.11	2.58	ppb
Cadmium	111-1	1.15	1.02	1.10	1.09	6.06	ppb
Cadmium	106-1	1.90	0.78	1.25	1.31	42.97	ppb
Cadmium	108-1	1.12	1.08	1.22	1.14	6.23	ppb
Calcium	43-1	508.01	506.47	502.80	505.76	0.53	ppb
Calcium	44-1	483.90	485.05	484.69	484.55	0.12	ppb
Chromium	52-2	1.92	1.98	1.97	1.96	1.83	ppb
Cobalt	59-2	1.00	1.02	1.01	1.01	1.00	ppb
Copper	63-2	1.87	1.90	1.96	1.91	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	56-2	55.39	55.33	56.86	55.86	1.55	ppb
Iron	57-2	60.88	59.25	57.94	59.35	2.48	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.95	0.94	0.85	ppb
Lead	207-1	0.92	0.89	0.89	0.90	1.94	ppb
Lead	208-1	0.92	0.92	0.91	0.92	0.61	ppb
Lithium	6-1				89		%
Magnesium	24-2	525.92	528.81	534.68	529.81	0.84	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:27:42	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.06	1.08	1.07	1.00	ppb
Molybdenum	94-1	4.84	4.83	4.77	4.81	0.84	ppb
Molybdenum	95-1	4.92	5.06	4.82	4.93	2.37	ppb
Molybdenum	96-1	5.02	4.96	4.97	4.98	0.67	ppb
Molybdenum	97-1	5.02	4.98	4.99	5.00	0.37	ppb
Molybdenum	98-1	4.88	4.82	4.88	4.86	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.01	1.04	1.03	1.70	ppb
Phosphorus	31-2	26.65	23.06	34.71	28.14	21.21	ppb
Potassium	39-2	510.53	516.25	518.57	515.11	0.80	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				124		%
Selenium	77-2	6.25	5.77	7.02	6.35	9.90	ppb
Selenium	78-2	7.32	6.24	6.26	6.61	9.39	ppb
Selenium	82-1	5.66	6.29	5.25	5.73	9.13	ppb
Silicon	28-1	7.09	7.48	7.69	7.42	4.10	ppb
Silver	109-1	1.20	1.22	1.19	1.20	1.03	ppb
Silver	107-1	1.19	1.16	1.18	1.18	1.07	ppb
Sodium	23-2	513.12	512.31	519.44	514.96	0.76	ppb
Strontium	86-1	1.05	0.93	0.93	0.97	6.87	ppb
Strontium	88-1	0.98	1.00	0.98	0.99	0.86	ppb
Sulfur	34-1	-887.03	-874.03	-849.07	-870.04		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.97	1.02	0.93	0.97	4.40	ppb
Thallium	205-1	0.99	0.96	0.98	0.98	1.52	ppb
Thorium	232-1	0.83	0.85	0.85	0.84	1.25	ppb
Tin	118-1	5.48	5.61	5.53	5.54	1.22	ppb
Titanium	47-1	5.20	5.18	5.14	5.17	0.58	ppb
Uranium	238-1	0.85	0.86	0.85	0.86	0.30	ppb
Vanadium	51-2	5.24	5.22	5.37	5.28	1.47	ppb
Yttrium	89-1				115		%
Yttrium	89-2				119		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:27:42	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	2.10	1.95	2.01	3.94	ppb
Zirconium	90-1	0.88	0.92	0.91	0.90	2.05	ppb
Zirconium	91-1	0.90	0.90	0.93	0.91	2.28	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:31:16 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.19	-0.40	-0.28		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	42.94	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	444.49	ppb
Barium	135-1	-0.01	0.00	0.00	-0.01		ppb
Barium	137-1	0.01	0.01	0.00	0.01	67.52	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	34327.68	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	4.13	4.02	4.24	4.13	2.66	ppb
Boron	11-1	3.79	3.91	3.63	3.78	3.66	ppb
Cadmium	111-1	-0.01	0.08	-0.03	0.01	512.26	ppb
Cadmium	106-1	-0.18	0.93	-0.43	0.11	678.59	ppb
Cadmium	108-1	-0.03	-0.05	-0.04	-0.04		ppb
Calcium	43-1	-3.35	-3.43	-3.17	-3.31		ppb
Calcium	44-1	-34.83	-35.45	-34.68	-34.99		ppb
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.09	-0.09	-0.08	-0.09		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				105		%
Indium	115-1				110		%
Indium	115-2				118		%
Iron	56-2	0.12	0.03	0.06	0.07	69.69	ppb
Iron	57-2	0.05	0.46	0.46	0.32	73.56	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				87		%
Magnesium	24-2	-0.31	-0.08	-0.27	-0.22		ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:31:16	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.04	0.04	0.03	30.47	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	4.80	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	16.02	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	19.95	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	6.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-29.58	-31.23	-33.91	-31.57		ppb
Potassium	39-2	2.51	4.77	3.06	3.45	34.19	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				113		%
Scandium	45-2				126		%
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.04	0.08	-0.05	0.03	253.60	ppb
Selenium	82-1	0.55	0.57	-0.20	0.30	144.91	ppb
Silicon	28-1	-2.20	-2.00	-1.86	-2.02		ppb
Silver	109-1	0.00	0.00	0.01	0.01	50.68	ppb
Silver	107-1	0.00	0.00	0.01	0.00	66.60	ppb
Sodium	23-2	7.69	7.53	7.41	7.54	1.89	ppb
Strontium	86-1	-0.03	-0.04	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-860.01	-764.61	-775.63	-800.08		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.28	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.67	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	18.08	ppb
Tin	118-1	0.03	0.02	0.03	0.02	28.93	ppb
Titanium	47-1	0.02	0.02	0.03	0.02	6.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	171.85	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				114		%
Yttrium	89-2				122		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:31:16	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-1.03	-1.02	-1.09	-1.05		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	135.60	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	82.79	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.91	19.44	19.93	19.76	1.39	ppb
Antimony	121-1	2.08	2.04	2.02	2.05	1.45	ppb
Arsenic	75-2	1.06	1.05	1.01	1.04	2.32	ppb
Barium	135-1	10.76	10.45	10.75	10.65	1.66	ppb
Barium	137-1	10.61	10.64	10.58	10.61	0.28	ppb
Beryllium	9-1	1.14	1.10	1.13	1.12	1.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	27.72	27.56	29.05	28.11	2.91	ppb
Boron	11-1	27.40	27.56	29.06	28.00	3.27	ppb
Cadmium	111-1	1.19	1.20	1.16	1.18	1.50	ppb
Cadmium	106-1	1.89	1.43	1.81	1.71	14.41	ppb
Cadmium	108-1	0.93	0.95	1.29	1.05	19.09	ppb
Calcium	43-1	508.47	502.46	496.37	502.43	1.20	ppb
Calcium	44-1	485.24	483.53	487.66	485.48	0.43	ppb
Chromium	52-2	2.00	2.02	2.06	2.02	1.40	ppb
Cobalt	59-2	1.00	0.98	1.04	1.01	3.14	ppb
Copper	63-2	1.88	1.86	1.82	1.86	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				116		%
Iron	56-2	56.35	56.62	56.25	56.41	0.34	ppb
Iron	57-2	58.19	58.83	56.68	57.90	1.91	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.92	0.93	1.01	ppb
Lead	207-1	0.94	0.92	0.99	0.95	3.60	ppb
Lead	208-1	0.94	0.93	0.94	0.94	0.77	ppb
Lithium	6-1				88		%
Magnesium	24-2	524.10	532.76	534.52	530.46	1.05	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.07	1.11	1.08	2.89	ppb
Molybdenum	94-1	4.95	4.88	4.94	4.92	0.71	ppb
Molybdenum	95-1	4.98	5.06	5.09	5.04	1.15	ppb
Molybdenum	96-1	5.03	4.83	5.02	4.96	2.29	ppb
Molybdenum	97-1	5.02	4.94	5.04	5.00	1.10	ppb
Molybdenum	98-1	4.90	4.91	4.83	4.88	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.96	1.03	1.04	8.15	ppb
Phosphorus	31-2	9.56	25.11	18.28	17.65	44.16	ppb
Potassium	39-2	512.37	511.51	520.78	514.89	0.99	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				124		%
Selenium	77-2	5.13	5.70	5.92	5.58	7.24	ppb
Selenium	78-2	5.89	6.07	5.79	5.92	2.39	ppb
Selenium	82-1	6.09	5.68	6.13	5.97	4.11	ppb
Silicon	28-1	7.46	8.04	7.13	7.54	6.12	ppb
Silver	109-1	1.22	1.18	1.20	1.20	1.27	ppb
Silver	107-1	1.19	1.20	1.20	1.20	0.38	ppb
Sodium	23-2	515.76	514.30	520.11	516.73	0.59	ppb
Strontium	86-1	1.04	1.01	1.02	1.02	1.65	ppb
Strontium	88-1	1.00	1.03	1.00	1.01	1.44	ppb
Sulfur	34-1	-713.26	-717.98	-774.26	-735.17		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.96	0.92	0.96	0.95	2.44	ppb
Thallium	205-1	0.97	0.97	0.98	0.98	0.65	ppb
Thorium	232-1	0.82	0.81	0.82	0.82	0.67	ppb
Tin	118-1	5.55	5.56	5.47	5.53	0.91	ppb
Titanium	47-1	5.24	5.07	5.23	5.18	1.84	ppb
Uranium	238-1	0.86	0.84	0.88	0.86	2.46	ppb
Vanadium	51-2	5.23	5.28	5.23	5.25	0.53	ppb
Yttrium	89-1				116		%
Yttrium	89-2				119		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.00	1.90	2.13	2.01	5.60	ppb
Zirconium	90-1	0.93	0.92	0.89	0.92	2.31	ppb
Zirconium	91-1	0.90	0.89	0.92	0.90	1.93	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.01	13.80	14.37	13.39	9.19	ppb
Antimony	121-1	0.09	0.10	0.15	0.11	24.46	ppb
Arsenic	75-2	14.42	14.00	14.29	14.24	1.53	ppb
Barium	135-1	31.80	33.03	32.14	32.32	1.96	ppb
Barium	137-1	31.95	32.20	31.72	31.96	0.75	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	97.18	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	18.64	18.75	18.87	18.75	0.63	ppb
Boron	11-1	20.09	19.40	19.84	19.78	1.77	ppb
Cadmium	111-1	0.04	0.03	-0.05	0.01	665.15	ppb
Cadmium	106-1	-0.12	-0.43	-1.32	-0.62		ppb
Cadmium	108-1	0.09	0.02	0.03	0.05	76.37	ppb
Calcium	43-1	41833.62	41851.48	42391.76	42025.62	0.75	ppb
Calcium	44-1	41791.05	42507.62	42280.38	42193.02	0.87	ppb
Chromium	52-2	0.34	0.32	0.37	0.34	7.46	ppb
Cobalt	59-2	0.09	0.08	0.08	0.08	9.73	ppb
Copper	63-2	0.74	0.76	0.75	0.75	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	2528.86	2524.65	2530.63	2528.05	0.12	ppb
Iron	57-2	2625.38	2589.73	2621.90	2612.34	0.75	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.13	0.13	4.98	ppb
Lead	207-1	0.12	0.12	0.13	0.12	4.20	ppb
Lead	208-1	0.11	0.12	0.13	0.12	6.47	ppb
Lithium	6-1				69		%
Magnesium	24-2	14764.82	14890.06	14834.88	14829.92	0.42	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	170.44	172.13	172.03	171.54	0.55	ppb
Molybdenum	94-1	0.16	0.16	0.17	0.17	3.40	ppb
Molybdenum	95-1	0.14	0.11	0.12	0.12	11.14	ppb
Molybdenum	96-1	0.15	0.16	0.17	0.16	4.10	ppb
Molybdenum	97-1	0.12	0.11	0.15	0.12	19.07	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.27	0.26	0.28	8.83	ppb
Phosphorus	31-2	-29.63	-23.88	-20.23	-24.58		ppb
Potassium	39-2	2629.28	2606.40	2622.98	2619.55	0.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				121		%
Selenium	77-2	0.12	0.31	1.08	0.50	100.48	ppb
Selenium	78-2	0.58	0.33	0.42	0.44	28.78	ppb
Selenium	82-1	0.68	0.42	-0.43	0.22	259.06	ppb
Silicon	28-1	1951.41	1947.47	1938.01	1945.63	0.35	ppb
Silver	109-1	0.06	0.07	0.07	0.07	11.49	ppb
Silver	107-1	0.06	0.06	0.08	0.07	12.62	ppb
Sodium	23-2	91794.18	91654.57	92347.37	91932.04	0.40	ppb
Strontium	86-1	290.99	295.63	293.20	293.27	0.79	ppb
Strontium	88-1	293.38	295.93	298.20	295.83	0.82	ppb
Sulfur	34-1	-432.83	-465.98	-489.47	-462.76		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.17	0.16	0.14	0.16	11.55	ppb
Thallium	205-1	0.18	0.17	0.14	0.16	11.41	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	12.91	ppb
Tin	118-1	0.02	0.03	0.05	0.03	42.08	ppb
Titanium	47-1	0.59	0.57	0.57	0.58	2.39	ppb
Uranium	238-1	0.32	0.33	0.33	0.33	2.12	ppb
Vanadium	51-2	0.12	0.12	0.12	0.12	3.03	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.63	0.63	0.79	0.69	13.56	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	19.15	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	16.24	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.88	12.05	11.90	11.94	0.76	ppb
Antimony	121-1	0.09	0.09	0.11	0.10	11.80	ppb
Arsenic	75-2	14.52	14.69	14.13	14.45	1.98	ppb
Barium	135-1	31.35	31.80	31.84	31.66	0.86	ppb
Barium	137-1	31.48	31.25	31.01	31.25	0.76	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	77.08	ppb
Bismuth	209-1				86		%
Bismuth	209-2				79		%
Boron	10-1	19.65	19.54	20.65	19.95	3.07	ppb
Boron	11-1	19.85	21.18	21.44	20.83	4.09	ppb
Cadmium	111-1	0.11	-0.06	-0.04	0.00	3313.08	ppb
Cadmium	106-1	0.80	-1.59	-1.26	-0.68		ppb
Cadmium	108-1	0.11	0.02	0.03	0.05	89.80	ppb
Calcium	43-1	41485.77	41676.49	42225.61	41795.96	0.92	ppb
Calcium	44-1	42361.94	42321.46	42862.43	42515.28	0.71	ppb
Chromium	52-2	0.28	0.30	0.31	0.30	5.90	ppb
Cobalt	59-2	0.06	0.09	0.08	0.08	17.50	ppb
Copper	63-2	0.67	0.70	0.68	0.68	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				92		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	2510.93	2512.85	2567.53	2530.44	1.27	ppb
Iron	57-2	2629.65	2624.67	2684.89	2646.40	1.26	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.13	0.12	7.75	ppb
Lead	207-1	0.10	0.10	0.13	0.11	14.67	ppb
Lead	208-1	0.11	0.11	0.13	0.12	7.23	ppb
Lithium	6-1				53		%
Magnesium	24-2	14776.03	14837.81	14861.56	14825.14	0.30	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	171.13	171.66	174.77	172.52	1.14	ppb
Molybdenum	94-1	0.13	0.10	0.14	0.12	17.33	ppb
Molybdenum	95-1	0.09	0.12	0.13	0.11	16.73	ppb
Molybdenum	96-1	0.12	0.15	0.16	0.14	13.20	ppb
Molybdenum	97-1	0.14	0.12	0.13	0.13	6.23	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.11	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.26	0.27	0.26	3.51	ppb
Phosphorus	31-2	-19.52	-20.92	-19.94	-20.13		ppb
Potassium	39-2	2642.20	2616.17	2663.09	2640.49	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				117		%
Selenium	77-2	0.53	0.72	0.52	0.59	19.11	ppb
Selenium	78-2	0.45	-0.23	-0.30	-0.03		ppb
Selenium	82-1	0.06	0.56	0.22	0.28	92.10	ppb
Silicon	28-1	1817.07	1786.40	1834.77	1812.75	1.35	ppb
Silver	109-1	0.05	0.06	0.07	0.06	19.99	ppb
Silver	107-1	0.06	0.05	0.07	0.06	15.67	ppb
Sodium	23-2	92634.93	92465.70	92680.80	92593.81	0.12	ppb
Strontium	86-1	292.13	292.86	294.53	293.17	0.42	ppb
Strontium	88-1	294.72	296.49	294.54	295.25	0.37	ppb
Sulfur	34-1	-764.98	-890.97	-864.66	-840.21		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.06	0.07	0.06	0.06	7.06	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	7.62	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	18.42	ppb
Tin	118-1	0.02	0.04	0.04	0.03	23.58	ppb
Titanium	47-1	0.52	0.62	0.59	0.57	8.55	ppb
Uranium	238-1	0.32	0.32	0.32	0.32	0.36	ppb
Vanadium	51-2	0.11	0.11	0.10	0.11	6.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.77	0.60	0.81	0.73	15.14	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	32.77	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	6.97	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.98	1.90	3.09	2.32	28.83	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	23.46	ppb
Arsenic	75-2	2.75	2.71	2.90	2.79	3.60	ppb
Barium	135-1	6.08	6.28	6.24	6.20	1.72	ppb
Barium	137-1	6.02	6.27	6.10	6.13	2.06	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	1.13	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	5.39	4.84	5.79	5.34	8.94	ppb
Boron	11-1	5.61	5.69	5.59	5.63	0.96	ppb
Cadmium	111-1	-0.13	0.00	-0.07	-0.07		ppb
Cadmium	106-1	-1.87	-0.34	-1.19	-1.13		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	1030.82	ppb
Calcium	43-1	8126.28	8020.76	8159.33	8102.12	0.89	ppb
Calcium	44-1	8191.40	8217.97	8220.68	8210.02	0.20	ppb
Chromium	52-2	0.08	0.09	0.09	0.09	6.25	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	65.34	ppb
Copper	63-2	0.17	0.19	0.20	0.19	8.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	495.79	492.70	490.88	493.12	0.50	ppb
Iron	57-2	520.23	518.35	518.23	518.93	0.22	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	31.23	ppb
Lead	207-1	0.03	0.01	0.01	0.02	71.29	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.70	ppb
Lithium	6-1				66		%
Magnesium	24-2	2814.87	2817.24	2822.63	2818.25	0.14	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.82	33.83	34.04	33.90	0.36	ppb
Molybdenum	94-1	0.04	0.02	0.02	0.03	27.36	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	6.83	ppb
Molybdenum	96-1	0.03	0.05	0.03	0.04	37.11	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	5.59	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.07	0.04	0.05	26.91	ppb
Phosphorus	31-2	-28.73	-29.41	-31.31	-29.82		ppb
Potassium	39-2	502.20	499.74	506.37	502.77	0.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				118		%
Selenium	77-2	0.31	-0.07	-0.07	0.06	395.06	ppb
Selenium	78-2	0.44	0.00	0.59	0.35	89.17	ppb
Selenium	82-1	0.34	0.52	-0.33	0.18	253.64	ppb
Silicon	28-1	365.61	361.27	369.14	365.34	1.08	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.55	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.07	ppb
Sodium	23-2	17694.62	17723.43	17552.71	17656.92	0.52	ppb
Strontium	86-1	56.42	55.87	56.57	56.29	0.66	ppb
Strontium	88-1	56.83	56.43	56.55	56.61	0.37	ppb
Sulfur	34-1	-1055.52	-1023.71	-988.61	-1022.62		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.02	11.53	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	43.13	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	26.70	ppb
Tin	118-1	-0.04	-0.02	-0.05	-0.04		ppb
Titanium	47-1	0.14	0.11	0.10	0.11	17.57	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.09	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	18.63	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.65	-0.68	-0.59	-0.64		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	109.56	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	135.55	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1938.79	1947.28	1952.32	1946.13	0.35	ppb
Antimony	121-1	109.05	109.39	108.53	108.99	0.40	ppb
Arsenic	75-2	126.77	123.34	126.73	125.61	1.57	ppb
Barium	135-1	555.98	556.87	554.93	555.93	0.17	ppb
Barium	137-1	563.33	565.77	557.23	562.11	0.78	ppb
Beryllium	9-1	128.23	131.05	131.33	130.20	1.32	ppb
Bismuth	209-1				87		%
Bismuth	209-2				78		%
Boron	10-1	140.55	150.83	150.42	147.27	3.95	ppb
Boron	11-1	150.49	151.69	154.94	152.37	1.51	ppb
Cadmium	111-1	108.01	107.65	105.30	106.99	1.38	ppb
Cadmium	106-1	103.64	103.64	104.53	103.94	0.49	ppb
Cadmium	108-1	106.94	107.93	107.16	107.35	0.48	ppb
Calcium	43-1	53039.48	53538.92	54146.76	53575.05	1.04	ppb
Calcium	44-1	53075.29	53909.35	53881.51	53622.05	0.88	ppb
Chromium	52-2	99.57	100.79	101.09	100.48	0.80	ppb
Cobalt	59-2	99.31	99.88	101.00	100.06	0.86	ppb
Copper	63-2	191.47	194.55	195.36	193.79	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				103		%
Holmium	165-2				91		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	7820.93	7815.08	7875.99	7837.33	0.43	ppb
Iron	57-2	7842.19	7932.42	7946.66	7907.09	0.72	ppb
Krypton	83-1						cps
Lead	206-1	100.22	100.43	101.49	100.71	0.68	ppb
Lead	207-1	103.26	102.74	105.46	103.82	1.39	ppb
Lead	208-1	102.04	100.77	103.20	102.00	1.19	ppb
Lithium	6-1				50		%
Magnesium	24-2	25453.07	25511.89	25371.12	25445.36	0.28	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	378.11	381.34	383.58	381.01	0.72	ppb
Molybdenum	94-1	492.36	494.98	491.00	492.78	0.41	ppb
Molybdenum	95-1	494.15	495.98	494.34	494.82	0.20	ppb
Molybdenum	96-1	489.81	493.64	487.54	490.33	0.63	ppb
Molybdenum	97-1	490.28	498.67	493.13	494.03	0.86	ppb
Molybdenum	98-1	493.15	494.79	488.81	492.25	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.27	101.79	102.92	101.99	0.83	ppb
Phosphorus	31-2	-24.36	-23.00	-18.96	-22.11		ppb
Potassium	39-2	7742.65	7776.83	7868.01	7795.83	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				115		%
Selenium	77-2	108.36	106.71	107.29	107.46	0.78	ppb
Selenium	78-2	105.93	106.85	105.64	106.14	0.59	ppb
Selenium	82-1	108.59	106.08	106.19	106.95	1.33	ppb
Silicon	28-1	1975.04	1951.25	1920.46	1948.92	1.40	ppb
Silver	109-1	102.02	101.20	99.77	101.00	1.13	ppb
Silver	107-1	101.88	101.65	100.38	101.30	0.80	ppb
Sodium	23-2	103429.99	104153.84	103899.33	103827.72	0.35	ppb
Strontium	86-1	400.89	398.76	400.40	400.02	0.28	ppb
Strontium	88-1	401.21	400.16	398.35	399.91	0.36	ppb
Sulfur	34-1	-684.34	-716.89	-812.28	-737.84		ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	102.98	103.34	102.57	102.96	0.37	ppb
Thallium	205-1	102.64	102.70	103.65	103.00	0.55	ppb
Thorium	232-1	0.04	0.04	0.05	0.04	9.74	ppb
Tin	118-1	110.06	109.48	109.98	109.84	0.28	ppb
Titanium	47-1	505.84	518.97	519.28	514.69	1.49	ppb
Uranium	238-1	97.00	95.73	97.42	96.72	0.91	ppb
Vanadium	51-2	99.07	100.61	99.13	99.60	0.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	195.46	195.25	197.53	196.08	0.64	ppb
Zirconium	90-1	95.96	95.99	96.34	96.09	0.22	ppb
Zirconium	91-1	95.39	94.22	95.02	94.87	0.63	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1968.99	1951.17	1977.00	1965.72	0.67	ppb
Antimony	121-1	110.86	110.63	108.75	110.08	1.05	ppb
Arsenic	75-2	123.87	126.31	127.06	125.75	1.33	ppb
Barium	135-1	562.38	566.91	556.67	561.99	0.91	ppb
Barium	137-1	558.00	570.65	559.67	562.77	1.22	ppb
Beryllium	9-1	132.27	135.59	136.43	134.76	1.63	ppb
Bismuth	209-1				88		%
Bismuth	209-2				79		%
Boron	10-1	146.82	153.31	157.53	152.56	3.54	ppb
Boron	11-1	152.68	158.58	164.62	158.63	3.76	ppb
Cadmium	111-1	106.44	108.32	107.33	107.36	0.87	ppb
Cadmium	106-1	101.59	106.88	102.98	103.82	2.65	ppb
Cadmium	108-1	104.10	108.73	106.73	106.52	2.18	ppb
Calcium	43-1	53392.70	54093.57	53311.60	53599.29	0.80	ppb
Calcium	44-1	54060.63	54442.18	53649.05	54050.62	0.73	ppb
Chromium	52-2	101.88	102.35	101.36	101.86	0.49	ppb
Cobalt	59-2	102.66	101.98	103.39	102.68	0.68	ppb
Copper	63-2	196.69	195.42	197.47	196.53	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				91		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	7949.80	7960.35	7965.13	7958.42	0.10	ppb
Iron	57-2	8005.28	8022.36	8131.65	8053.10	0.85	ppb
Krypton	83-1						cps
Lead	206-1	102.29	102.63	102.25	102.39	0.20	ppb
Lead	207-1	104.59	105.79	104.92	105.10	0.59	ppb
Lead	208-1	103.62	104.36	103.54	103.84	0.44	ppb
Lithium	6-1				47		%
Magnesium	24-2	25781.93	25603.62	25471.74	25619.10	0.61	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	384.60	388.54	386.71	386.62	0.51	ppb
Molybdenum	94-1	505.89	501.98	502.17	503.34	0.44	ppb
Molybdenum	95-1	503.29	507.37	495.93	502.20	1.15	ppb
Molybdenum	96-1	502.36	501.76	489.70	497.94	1.43	ppb
Molybdenum	97-1	497.35	500.37	494.26	497.33	0.61	ppb
Molybdenum	98-1	495.52	502.53	496.89	498.31	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.29	102.90	103.97	104.05	1.15	ppb
Phosphorus	31-2	-17.47	-25.15	-21.58	-21.40		ppb
Potassium	39-2	7846.11	7866.68	7832.67	7848.49	0.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				111		%
Selenium	77-2	107.99	110.56	107.00	108.52	1.70	ppb
Selenium	78-2	108.35	111.45	107.85	109.21	1.78	ppb
Selenium	82-1	108.58	108.61	108.10	108.43	0.26	ppb
Silicon	28-1	1895.54	1887.29	1918.82	1900.55	0.86	ppb
Silver	109-1	100.70	102.90	101.08	101.56	1.16	ppb
Silver	107-1	101.53	103.05	100.45	101.68	1.28	ppb
Sodium	23-2	107381.55	105733.21	104220.90	105778.55	1.49	ppb
Strontium	86-1	403.54	401.97	401.80	402.44	0.24	ppb
Strontium	88-1	398.81	402.74	404.83	402.13	0.76	ppb
Sulfur	34-1	-1110.89	-1191.93	-1149.26	-1150.69		ppb
Terbium	159-1				102		%
Terbium	159-2				91		%
Thallium	203-1	102.58	106.28	103.01	103.96	1.95	ppb
Thallium	205-1	103.53	105.66	103.34	104.18	1.24	ppb
Thorium	232-1	0.03	0.04	0.04	0.03	9.98	ppb
Tin	118-1	110.14	110.59	110.95	110.56	0.37	ppb
Titanium	47-1	510.17	518.85	517.67	515.56	0.91	ppb
Uranium	238-1	99.30	99.72	98.19	99.07	0.80	ppb
Vanadium	51-2	102.31	100.35	101.47	101.38	0.97	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	198.89	199.47	202.12	200.16	0.86	ppb
Zirconium	90-1	99.04	97.45	96.49	97.66	1.32	ppb
Zirconium	91-1	98.33	97.04	96.40	97.26	1.01	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1966.67	1942.43	1954.07	1954.39	0.62	ppb
Antimony	121-1	108.27	106.88	107.16	107.44	0.68	ppb
Arsenic	75-2	126.52	125.24	124.97	125.57	0.66	ppb
Barium	135-1	558.09	547.61	551.95	552.55	0.95	ppb
Barium	137-1	556.15	546.85	554.99	552.66	0.92	ppb
Beryllium	9-1	128.76	135.06	134.09	132.64	2.56	ppb
Bismuth	209-1				90		%
Bismuth	209-2				81		%
Boron	10-1	143.77	155.76	153.20	150.91	4.19	ppb
Boron	11-1	154.21	162.15	158.63	158.33	2.51	ppb
Cadmium	111-1	107.00	106.56	105.54	106.37	0.71	ppb
Cadmium	106-1	101.86	103.94	102.49	102.76	1.04	ppb
Cadmium	108-1	104.49	104.19	105.51	104.73	0.66	ppb
Calcium	43-1	52542.45	52078.75	54327.41	52982.87	2.24	ppb
Calcium	44-1	53386.28	52664.72	54388.62	53479.87	1.62	ppb
Chromium	52-2	101.15	101.93	101.15	101.41	0.45	ppb
Cobalt	59-2	101.87	100.86	100.81	101.18	0.59	ppb
Copper	63-2	196.01	195.95	194.75	195.57	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				92		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	7944.06	7855.90	7803.99	7867.98	0.90	ppb
Iron	57-2	7976.00	7936.39	7967.42	7959.94	0.26	ppb
Krypton	83-1						cps
Lead	206-1	98.97	102.05	102.81	101.28	2.00	ppb
Lead	207-1	101.48	103.87	105.43	103.60	1.92	ppb
Lead	208-1	101.14	102.74	103.34	102.41	1.11	ppb
Lithium	6-1				48		%
Magnesium	24-2	25110.36	25164.72	25201.48	25158.85	0.18	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	385.24	381.84	382.47	383.18	0.47	ppb
Molybdenum	94-1	491.34	485.10	498.62	491.69	1.38	ppb
Molybdenum	95-1	489.01	491.08	507.19	495.76	2.01	ppb
Molybdenum	96-1	493.04	487.90	504.08	495.00	1.67	ppb
Molybdenum	97-1	490.46	491.55	493.89	491.97	0.36	ppb
Molybdenum	98-1	492.30	494.03	490.03	492.12	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.60	104.45	103.55	104.20	0.55	ppb
Phosphorus	31-2	-15.48	-12.20	-22.44	-16.71		ppb
Potassium	39-2	7745.64	7750.70	7736.64	7744.32	0.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				112		%
Selenium	77-2	107.03	106.58	112.04	108.55	2.79	ppb
Selenium	78-2	111.34	109.14	106.01	108.83	2.46	ppb
Selenium	82-1	106.69	106.99	106.62	106.77	0.19	ppb
Silicon	28-1	1926.56	1909.51	1904.31	1913.46	0.61	ppb
Silver	109-1	98.74	99.47	99.50	99.24	0.43	ppb
Silver	107-1	98.72	98.67	99.85	99.08	0.67	ppb
Sodium	23-2	103990.79	104431.89	103989.45	104137.38	0.24	ppb
Strontium	86-1	394.47	401.14	396.69	397.43	0.85	ppb
Strontium	88-1	400.91	396.18	400.30	399.13	0.65	ppb
Sulfur	34-1	-1202.03	-1298.69	-1261.79	-1254.17		ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	103.06	103.55	102.34	102.98	0.59	ppb
Thallium	205-1	103.38	103.26	103.40	103.35	0.07	ppb
Thorium	232-1	0.03	0.02	0.03	0.03	7.37	ppb
Tin	118-1	109.20	108.33	108.45	108.66	0.43	ppb
Titanium	47-1	515.37	514.65	515.44	515.16	0.08	ppb
Uranium	238-1	96.21	98.62	98.54	97.79	1.40	ppb
Vanadium	51-2	100.72	100.42	99.50	100.22	0.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	198.71	200.14	198.15	199.00	0.52	ppb
Zirconium	90-1	95.74	96.04	96.18	95.99	0.24	ppb
Zirconium	91-1	93.90	94.51	96.01	94.81	1.14	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50197.21	50585.27	50085.16	50289.21	0.52	ppb
Antimony	121-1	498.24	505.25	501.51	501.67	0.70	ppb
Arsenic	75-2	499.75	498.14	496.41	498.10	0.34	ppb
Barium	135-1	2473.59	2511.67	2484.14	2489.80	0.79	ppb
Barium	137-1	2479.02	2525.75	2507.99	2504.25	0.94	ppb
Beryllium	9-1	535.57	534.80	532.17	534.18	0.33	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	514.48	533.77	521.20	523.15	1.87	ppb
Boron	11-1	519.33	537.15	542.57	533.01	2.28	ppb
Cadmium	111-1	485.81	496.17	499.98	493.99	1.48	ppb
Cadmium	106-1	482.58	490.77	494.79	489.38	1.27	ppb
Cadmium	108-1	490.03	504.27	498.64	497.65	1.44	ppb
Calcium	43-1	247789.69	248424.92	246548.09	247587.57	0.39	ppb
Calcium	44-1	249067.26	248557.14	246429.09	248017.83	0.56	ppb
Chromium	52-2	493.68	497.74	495.49	495.63	0.41	ppb
Cobalt	59-2	465.28	470.12	467.15	467.52	0.52	ppb
Copper	63-2	950.24	950.47	959.37	953.36	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	122796.37	124118.07	123960.29	123624.91	0.58	ppb
Iron	57-2	122879.19	123481.21	123748.72	123369.71	0.36	ppb
Krypton	83-1						cps
Lead	206-1	491.42	501.79	501.90	498.37	1.21	ppb
Lead	207-1	496.35	505.77	504.96	502.36	1.04	ppb
Lead	208-1	497.50	503.36	500.87	500.57	0.59	ppb
Lithium	6-1				72		%
Magnesium	24-2	244704.12	245900.15	245404.56	245336.27	0.24	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.19	980.38	981.01	979.86	0.15	ppb
Molybdenum	94-1	2492.81	2496.67	2494.73	2494.74	0.08	ppb
Molybdenum	95-1	2494.81	2489.45	2495.02	2493.09	0.13	ppb
Molybdenum	96-1	2502.43	2483.08	2481.20	2488.90	0.47	ppb
Molybdenum	97-1	2508.08	2475.28	2446.79	2476.72	1.24	ppb
Molybdenum	98-1	2496.62	2478.55	2463.58	2479.58	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.38	471.40	468.33	469.37	0.37	ppb
Phosphorus	31-2	9632.81	9801.88	9521.72	9652.14	1.46	ppb
Potassium	39-2	123682.58	124807.99	123997.97	124162.84	0.47	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				113		%
Selenium	77-2	522.02	508.95	503.66	511.54	1.85	ppb
Selenium	78-2	513.29	509.33	515.02	512.55	0.57	ppb
Selenium	82-1	500.19	503.81	499.21	501.07	0.48	ppb
Silicon	28-1	461.63	461.89	463.81	462.44	0.26	ppb
Silver	109-1	490.25	498.76	492.53	493.85	0.89	ppb
Silver	107-1	490.61	499.02	492.94	494.19	0.88	ppb
Sodium	23-2	246161.00	251269.42	248287.16	248572.53	1.03	ppb
Strontium	86-1	494.82	494.32	498.37	495.84	0.45	ppb
Strontium	88-1	503.12	506.41	500.10	503.21	0.63	ppb
Sulfur	34-1	9148.13	8931.45	8779.76	8953.11	2.07	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	510.31	514.19	508.64	511.05	0.56	ppb
Thallium	205-1	508.39	515.27	511.65	511.77	0.67	ppb
Thorium	232-1	515.62	515.48	506.12	512.40	1.06	ppb
Tin	118-1	494.28	499.15	501.01	498.15	0.70	ppb
Titanium	47-1	2521.44	2498.91	2480.00	2500.12	0.83	ppb
Uranium	238-1	507.83	513.88	502.51	508.08	1.12	ppb
Vanadium	51-2	488.67	495.90	494.07	492.88	0.76	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	969.88	975.18	978.97	974.68	0.47	ppb
Zirconium	90-1	499.65	500.77	501.15	500.52	0.16	ppb
Zirconium	91-1	491.18	494.25	494.62	493.35	0.38	ppb

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P7
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 19:09:41 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	1.49	0.95	1.37	27.79	ppb
Antimony	121-1	0.29	0.33	0.34	0.32	8.55	ppb
Arsenic	75-2	0.05	0.04	0.04	0.05	15.03	ppb
Barium	135-1	0.21	0.16	0.12	0.17	26.62	ppb
Barium	137-1	0.23	0.16	0.14	0.18	26.84	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	17.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	12.37	11.97	11.52	11.95	3.55	ppb
Boron	11-1	12.54	12.05	12.73	12.44	2.81	ppb
Cadmium	111-1	0.00	0.08	-0.01	0.02	223.87	ppb
Cadmium	106-1	-0.91	-0.13	-0.86	-0.63		ppb
Cadmium	108-1	0.01	0.01	0.07	0.03	113.53	ppb
Calcium	43-1	21.02	15.96	8.04	15.00	43.60	ppb
Calcium	44-1	-17.20	-20.83	-23.84	-20.62		ppb
Chromium	52-2	0.01	0.03	0.02	0.02	52.39	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	61.98	ppb
Copper	63-2	0.11	0.09	0.07	0.09	21.44	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				106		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	5.83	5.09	4.42	5.11	13.80	ppb
Iron	57-2	5.46	4.76	4.55	4.92	9.73	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.05	0.07	30.99	ppb
Lead	207-1	0.07	0.05	0.05	0.05	19.52	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.20	ppb
Lithium	6-1				79		%
Magnesium	24-2	8.89	8.31	7.48	8.23	8.63	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:09:41	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.03	0.03	9.41	ppb
Molybdenum	94-1	0.35	0.34	0.33	0.34	1.86	ppb
Molybdenum	95-1	0.37	0.33	0.33	0.34	6.51	ppb
Molybdenum	96-1	0.41	0.33	0.36	0.37	10.15	ppb
Molybdenum	97-1	0.39	0.39	0.37	0.38	2.36	ppb
Molybdenum	98-1	0.35	0.33	0.31	0.33	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	47.95	ppb
Phosphorus	31-2	-31.94	-23.91	-27.99	-27.95		ppb
Potassium	39-2	13.53	14.24	12.36	13.38	7.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	77-2	0.12	-0.07	0.68	0.24	161.58	ppb
Selenium	78-2	0.08	0.69	-0.18	0.19	231.46	ppb
Selenium	82-1	0.56	0.62	0.75	0.64	15.30	ppb
Silicon	28-1	-2.97	-2.48	-2.48	-2.64		ppb
Silver	109-1	0.06	0.05	0.04	0.05	22.22	ppb
Silver	107-1	0.06	0.04	0.04	0.05	25.27	ppb
Sodium	23-2	40.53	39.04	36.69	38.75	4.99	ppb
Strontium	86-1	0.04	-0.02	0.04	0.02	176.96	ppb
Strontium	88-1	0.05	0.04	0.03	0.04	21.51	ppb
Sulfur	34-1	-1506.85	-1343.82	-1359.67	-1403.45		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.14	0.11	0.13	15.82	ppb
Thallium	205-1	0.15	0.14	0.12	0.14	11.32	ppb
Thorium	232-1	0.09	0.08	0.09	0.08	1.44	ppb
Tin	118-1	0.12	0.13	0.11	0.12	6.43	ppb
Titanium	47-1	0.28	0.25	0.22	0.25	12.54	ppb
Uranium	238-1	0.04	0.04	0.03	0.03	16.42	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	18.84	ppb
Yttrium	89-1				114		%
Yttrium	89-2				114		%

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:09:41	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.97	-0.92	-1.04	-0.98		ppb
Zirconium	90-1	0.06	0.05	0.05	0.06	2.72	ppb
Zirconium	91-1	0.07	0.05	0.05	0.06	21.43	ppb

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:00:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	108	89	19.51	cps
Antimony	121-1	42	42	42	42	0.00	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	67	83	33	61	41.67	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	39	83	56	59	37.89	cps
Bismuth	209-1	17394438	17322084	17204267	17306930	0.55	cps
Bismuth	209-2	10022942	10030423	10050428	10034598	0.14	cps
Boron	10-1	608	708	675	664	7.67	cps
Boron	11-1	2859	2992	3300	3050	7.43	cps
Cadmium	111-1	6070	6100	5898	6023	1.81	cps
Cadmium	106-1	8678	8628	8386	8564	1.82	cps
Cadmium	108-1	54	8	38	33	69.61	cps
Calcium	43-1	450	450	467	456	2.11	cps
Calcium	44-1	61571	59915	60677	60721	1.37	cps
Chromium	52-2	917	973	957	949	3.07	cps
Cobalt	59-2	150	143	170	154	8.98	cps
Copper	63-2	1517	1440	1497	1485	2.68	cps
Dysprosium	156-1	33	50	8	31	68.64	cps
Dysprosium	156-2	23	23	27	24	7.89	cps
Erbium	164-1	158	300	133	197	45.57	cps
Erbium	164-2	63	100	97	87	23.40	cps
Gadolinium	160-1	158	267	208	211	25.68	cps
Gadolinium	160-2	450	533	477	487	8.74	cps
Holmium	165-1	27175298	27034417	27196326	27135347	0.32	cps
Holmium	165-2	13565645	13539411	13615541	13573533	0.28	cps
Indium	115-1	23679643	23489395	23727378	23632139	0.53	cps
Indium	115-2	4254693	4282555	4329320	4288856	0.88	cps
Iron	56-2	6607	6546	6768	6641	1.73	cps
Iron	57-2	367	461	461	430	12.69	cps
Krypton	83-1	2137	2324	2294	2251	4.45	cps
Lead	206-1	1178	1461	1339	1326	10.72	cps
Lead	207-1	1206	1283	1289	1259	3.70	cps
Lead	208-1	4678	5089	4873	4880	4.21	cps
Lithium	6-1	7525016	7622426	7545097	7564179	0.68	cps
Magnesium	24-2	317	467	358	381	20.35	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:00:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	47	67	58	17.62	cps
Molybdenum	94-1	550	383	525	486	18.49	cps
Molybdenum	95-1	75	75	58	69	13.85	cps
Molybdenum	96-1	233	167	250	217	20.35	cps
Molybdenum	97-1	58	75	75	69	13.85	cps
Molybdenum	98-1	100	58	125	94	35.66	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	67	70	53	63	13.93	cps
Phosphorus	31-2	158	133	167	153	11.35	cps
Potassium	39-2	31150	30658	30900	30902	0.80	cps
Rhodium	103-1	21776139	21659606	21725910	21720552	0.27	cps
Rhodium	103-2	10025590	10040893	9949334	10005272	0.49	cps
Scandium	45-1	15174407	15197452	15145403	15172421	0.17	cps
Scandium	45-2	625316	624923	627310	625850	0.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	93	83	120	99	19.52	cps
Selenium	82-1	11	-220	-101	-103	-112.23	cps
Silicon	28-1	345878	349014	347717	347536	0.45	cps
Silver	109-1	33	117	8	53	107.49	cps
Silver	107-1	150	158	158	156	3.09	cps
Sodium	23-2	14649	15475	14658	14927	3.18	cps
Strontium	86-1	3434	3651	3692	3592	3.86	cps
Strontium	88-1	300	175	167	214	34.92	cps
Sulfur	34-1	563003	563413	565988	564135	0.29	cps
Terbium	159-1	28680747	28934990	28818006	28811248	0.44	cps
Terbium	159-2	13814578	13697114	13781551	13764414	0.44	cps
Thallium	203-1	608	842	692	714	16.56	cps
Thallium	205-1	1275	1058	1192	1175	9.30	cps
Thorium	232-1	2011	1817	1934	1921	5.10	cps
Tin	118-1	3134	3534	3284	3317	6.09	cps
Titanium	47-1	142	125	267	178	43.55	cps
Uranium	238-1	1992	2059	2642	2231	16.03	cps
Vanadium	51-2	20	7	17	14	48.02	cps
Yttrium	89-1	24409234	24399358	24413176	24407256	0.03	cps
Yttrium	89-2	3186497	3168893	3181941	3179110	0.29	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:00:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1327	1350	1350	1342	1.00	cps
Zirconium	90-1	1258	1617	1433	1436	12.48	cps
Zirconium	91-1	217	275	292	261	15.08	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3876	4126	4334	4112	5.58	cps
Antimony	121-1	32104	32656	32539	32433	0.90	cps
Arsenic	75-2	541	683	648	624	11.90	cps
Barium	135-1	42984	43201	41755	42647	1.83	cps
Barium	137-1	75791	75380	74023	75065	1.23	cps
Beryllium	9-1	5134	5279	4856	5090	4.22	cps
Bismuth	209-1	16339118	16299405	16364008	16334177	0.20	cps
Bismuth	209-2	9739489	9644095	9440815	9608133	1.59	cps
Boron	10-1	19213	18854	19680	19249	2.15	cps
Boron	11-1	89274	88669	89164	89036	0.36	cps
Cadmium	111-1	11179	10878	10904	10987	1.52	cps
Cadmium	106-1	9704	8936	9120	9253	4.33	cps
Cadmium	108-1	425	404	425	418	2.88	cps
Calcium	43-1	29990	30198	28503	29564	3.13	cps
Calcium	44-1	528558	521481	521280	523773	0.79	cps
Chromium	52-2	12305	11868	11925	12033	1.97	cps
Cobalt	59-2	9590	9460	9423	9491	0.92	cps
Copper	63-2	15101	14751	14624	14825	1.67	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	37	20	37	31	30.93	cps
Erbium	164-1	117	117	150	128	15.06	cps
Erbium	164-2	113	107	80	100	17.64	cps
Gadolinium	160-1	142	208	175	175	19.05	cps
Gadolinium	160-2	437	500	373	437	14.50	cps
Holmium	165-1	26332805	26137978	26223672	26231485	0.37	cps
Holmium	165-2	13228356	13007295	12982561	13072737	1.04	cps
Indium	115-1	23023300	22728933	22789515	22847249	0.68	cps
Indium	115-2	4319555	4307096	4256173	4294275	0.78	cps
Iron	56-2	257331	259288	258199	258273	0.38	cps
Iron	57-2	6874	6746	6768	6796	1.00	cps
Krypton	83-1	2154	2170	2160	2161	0.39	cps
Lead	206-1	14397	13246	13546	13730	4.35	cps
Lead	207-1	12512	12345	12211	12356	1.22	cps
Lead	208-1	55974	55080	54133	55062	1.67	cps
Lithium	6-1	7778402	7637861	7773237	7729833	1.03	cps
Magnesium	24-2	241662	239961	241651	241091	0.41	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3367	3344	3370	3360	0.43	cps
Molybdenum	94-1	35955	37199	36748	36634	1.72	cps
Molybdenum	95-1	46560	46000	45992	46184	0.71	cps
Molybdenum	96-1	53091	53041	51101	52411	2.17	cps
Molybdenum	97-1	30107	28880	28220	29069	3.29	cps
Molybdenum	98-1	74956	74713	73641	74436	0.94	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2627	2864	2597	2696	5.42	cps
Phosphorus	31-2	767	625	867	753	16.13	cps
Potassium	39-2	238876	238718	238218	238604	0.14	cps
Rhodium	103-1	21630893	21449759	21283712	21454788	0.81	cps
Rhodium	103-2	10020445	10003199	9912542	9978729	0.58	cps
Scandium	45-1	14957273	14905170	14714553	14858999	0.86	cps
Scandium	45-2	627279	625666	626092	626346	0.13	cps
Selenium	77-2	80	83	63	76	14.19	cps
Selenium	78-2	389	380	350	373	5.45	cps
Selenium	82-1	2145	2091	2153	2129	1.58	cps
Silicon	28-1	482120	477845	482394	480786	0.53	cps
Silver	109-1	24681	25390	25031	25034	1.42	cps
Silver	107-1	26317	25975	25574	25955	1.43	cps
Sodium	23-2	465612	467681	470148	467814	0.49	cps
Strontium	86-1	9428	9512	9695	9545	1.43	cps
Strontium	88-1	52045	51535	52430	52004	0.86	cps
Sulfur	34-1	595513	598456	597803	597258	0.26	cps
Terbium	159-1	27723330	27722546	27712031	27719303	0.02	cps
Terbium	159-2	13371479	13298036	13153598	13274371	0.84	cps
Thallium	203-1	16311	16094	15651	16019	2.10	cps
Thallium	205-1	38457	39008	36786	38083	3.04	cps
Thorium	232-1	49232	49070	48223	48842	1.11	cps
Tin	118-1	81058	79039	79441	79846	1.34	cps
Titanium	47-1	13857	13715	14149	13907	1.59	cps
Uranium	238-1	54708	54666	52632	54002	2.20	cps
Vanadium	51-2	23980	23402	23178	23520	1.76	cps
Yttrium	89-1	23816524	23881402	23907638	23868521	0.20	cps
Yttrium	89-2	3182402	3158238	3161066	3167236	0.42	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:09:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2654	2630	2500	2595	3.18	cps
Zirconium	90-1	28153	27962	28696	28270	1.35	cps
Zirconium	91-1	6885	5993	6477	6452	6.92	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:13:03 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186956	188063	184637	186552	0.94	cps
Antimony	121-1	811194	810327	809632	810384	0.10	cps
Arsenic	75-2	28237	27855	28027	28039	0.68	cps
Barium	135-1	1048507	1052332	1040192	1047010	0.59	cps
Barium	137-1	1843841	1815635	1833964	1831147	0.78	cps
Beryllium	9-1	251083	248800	247892	249258	0.66	cps
Bismuth	209-1	16773426	16568715	16823992	16722044	0.81	cps
Bismuth	209-2	9686519	9688533	9764095	9713049	0.46	cps
Boron	10-1	39369	39277	39712	39453	0.58	cps
Boron	11-1	176834	180794	180761	179463	1.27	cps
Cadmium	111-1	259960	259319	257206	258829	0.56	cps
Cadmium	106-1	36798	34819	35387	35668	2.86	cps
Cadmium	108-1	18429	18742	18734	18635	0.96	cps
Calcium	43-1	285493	287430	283896	285606	0.62	cps
Calcium	44-1	4581396	4741293	4702226	4674972	1.78	cps
Chromium	52-2	267991	264848	262728	265189	1.00	cps
Cobalt	59-2	448228	446672	447127	447342	0.18	cps
Copper	63-2	651217	651719	640173	647703	1.01	cps
Dysprosium	156-1	67	42	92	67	37.50	cps
Dysprosium	156-2	33	50	30	38	28.37	cps
Erbium	164-1	167	125	133	142	15.56	cps
Erbium	164-2	67	53	87	69	24.36	cps
Gadolinium	160-1	208	142	183	178	18.94	cps
Gadolinium	160-2	437	423	363	408	9.58	cps
Holmium	165-1	26820444	26470390	26125174	26472003	1.31	cps
Holmium	165-2	13108676	13075709	13047202	13077196	0.24	cps
Indium	115-1	22686548	22624130	22427263	22579314	0.60	cps
Indium	115-2	4177872	4202433	4210979	4197095	0.41	cps
Iron	56-2	11407000	11336104	11197119	11313408	0.94	cps
Iron	57-2	281392	279235	278349	279658	0.56	cps
Krypton	83-1	2104	2180	1994	2092	4.49	cps
Lead	206-1	645683	643965	648330	645993	0.34	cps
Lead	207-1	575519	575896	574453	575289	0.13	cps
Lead	208-1	2621619	2617763	2636306	2625229	0.37	cps
Lithium	6-1	7962814	7984033	8150486	8032444	1.28	cps
Magnesium	24-2	2219377	2266457	2245586	2243807	1.05	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:13:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	306883	308331	303077	306097	0.89	cps
Molybdenum	94-1	1824885	1807183	1811980	1814683	0.50	cps
Molybdenum	95-1	2242417	2212250	2219098	2224588	0.71	cps
Molybdenum	96-1	2500674	2463123	2487003	2483600	0.77	cps
Molybdenum	97-1	1396415	1394647	1398106	1396389	0.12	cps
Molybdenum	98-1	3621484	3588611	3600267	3603454	0.46	cps
Neodymium	150-1	67	100	80	82	20.40	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	120645	121176	119902	120574	0.53	cps
Phosphorus	31-2	10804	11730	11138	11224	4.18	cps
Potassium	39-2	1000804	1000988	1010687	1004160	0.56	cps
Rhodium	103-1	21081033	20894833	20883803	20953223	0.53	cps
Rhodium	103-2	9660518	9598849	9681130	9646832	0.44	cps
Scandium	45-1	14666057	14720774	14693466	14693432	0.19	cps
Scandium	45-2	605216	605630	609497	606781	0.39	cps
Selenium	77-2	680	873	810	788	12.51	cps
Selenium	78-2	2860	2802	2823	2828	1.03	cps
Selenium	82-1	19772	19363	19633	19589	1.06	cps
Silicon	28-1	1072936	1064160	1074460	1070519	0.52	cps
Silver	109-1	1145194	1135209	1131243	1137215	0.63	cps
Silver	107-1	1188311	1188752	1189108	1188724	0.03	cps
Sodium	23-2	4355680	4370849	4402939	4376489	0.55	cps
Strontium	86-1	294422	292294	292816	293178	0.38	cps
Strontium	88-1	2527193	2530781	2512842	2523606	0.38	cps
Sulfur	34-1	704645	704326	695270	701414	0.76	cps
Terbium	159-1	27951426	27720703	27791290	27821140	0.42	cps
Terbium	159-2	13349519	13294211	13387046	13343592	0.35	cps
Thallium	203-1	807475	800016	801817	803103	0.48	cps
Thallium	205-1	1935513	1900629	1917882	1918008	0.91	cps
Thorium	232-1	2759514	2712472	2771058	2747681	1.13	cps
Tin	118-1	731846	723480	729208	728178	0.59	cps
Titanium	47-1	640472	633523	644297	639431	0.85	cps
Uranium	238-1	2721594	2679671	2724371	2708545	0.92	cps
Vanadium	51-2	209357	209102	209265	209241	0.06	cps
Yttrium	89-1	23635424	23652298	23239540	23509087	0.99	cps
Yttrium	89-2	3077007	3094355	3093017	3088126	0.31	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:13:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	94389	93192	92930	93504	0.83	cps
Zirconium	90-1	1491787	1493235	1483572	1489531	0.35	cps
Zirconium	91-1	334248	333062	327161	331490	1.15	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450553	455232	448715	451500	0.74	cps
Antimony	121-1	2012606	2009481	1987521	2003203	0.68	cps
Arsenic	75-2	67573	67587	66970	67377	0.52	cps
Barium	135-1	2557788	2570716	2554217	2560907	0.34	cps
Barium	137-1	4455770	4499381	4453914	4469689	0.58	cps
Beryllium	9-1	606708	609373	602979	606353	0.53	cps
Bismuth	209-1	16776842	16752171	16882669	16803894	0.41	cps
Bismuth	209-2	9513139	9609169	9529824	9550711	0.54	cps
Boron	10-1	93071	96476	94958	94835	1.80	cps
Boron	11-1	433689	439098	446288	439692	1.44	cps
Cadmium	111-1	619871	617993	611187	616350	0.74	cps
Cadmium	106-1	74823	76926	73181	74977	2.50	cps
Cadmium	108-1	45528	45552	45364	45481	0.23	cps
Calcium	43-1	695447	688930	678901	687759	1.21	cps
Calcium	44-1	11026717	10948935	10855011	10943554	0.79	cps
Chromium	52-2	647742	642592	649329	646554	0.54	cps
Cobalt	59-2	1066805	1065350	1074918	1069024	0.48	cps
Copper	63-2	1540439	1548155	1561500	1550031	0.69	cps
Dysprosium	156-1	92	58	75	75	22.22	cps
Dysprosium	156-2	37	67	87	63	39.73	cps
Erbium	164-1	200	125	92	139	39.95	cps
Erbium	164-2	103	110	63	92	27.37	cps
Gadolinium	160-1	250	150	217	206	24.77	cps
Gadolinium	160-2	483	423	407	438	9.21	cps
Holmium	165-1	26629224	26380426	26431628	26480426	0.50	cps
Holmium	165-2	13103796	13091156	13069581	13088178	0.13	cps
Indium	115-1	22289314	22067444	22053838	22136865	0.60	cps
Indium	115-2	4101835	4135504	4146426	4127922	0.56	cps
Iron	56-2	27246852	27066203	27240212	27184423	0.38	cps
Iron	57-2	672988	667569	666763	669107	0.51	cps
Krypton	83-1	2120	1950	2060	2044	4.22	cps
Lead	206-1	1591106	1611935	1610388	1604476	0.72	cps
Lead	207-1	1422719	1442453	1430143	1431772	0.70	cps
Lead	208-1	6515685	6591952	6581574	6563070	0.63	cps
Lithium	6-1	8047757	8148178	7943069	8046335	1.27	cps
Magnesium	24-2	5477979	5491499	5433633	5467704	0.55	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	743030	736145	736194	738456	0.54	cps
Molybdenum	94-1	4465053	4436878	4399897	4433943	0.74	cps
Molybdenum	95-1	5481558	5451474	5440167	5457733	0.39	cps
Molybdenum	96-1	6033628	6013504	5950283	5999138	0.72	cps
Molybdenum	97-1	3399957	3373979	3358493	3377476	0.62	cps
Molybdenum	98-1	8755590	8679011	8570324	8668308	1.07	cps
Neodymium	150-1	113	187	120	140	28.97	cps
Neodymium	150-2	23	23	13	20	28.87	cps
Nickel	60-2	285176	283927	290473	286525	1.21	cps
Phosphorus	31-2	27201	25790	26224	26405	2.74	cps
Potassium	39-2	2420125	2391926	2382817	2398289	0.81	cps
Rhodium	103-1	20537354	20416848	20175395	20376532	0.90	cps
Rhodium	103-2	9415854	9385371	9467411	9422878	0.44	cps
Scandium	45-1	14395536	14365739	14326010	14362428	0.24	cps
Scandium	45-2	597915	596389	598959	597754	0.22	cps
Selenium	77-2	1757	1874	1830	1820	3.24	cps
Selenium	78-2	6607	6387	6461	6485	1.73	cps
Selenium	82-1	47314	46789	46775	46960	0.65	cps
Silicon	28-1	2100478	2105734	2105310	2103841	0.14	cps
Silver	109-1	2740477	2736881	2716246	2731201	0.48	cps
Silver	107-1	2876710	2855723	2838164	2856866	0.68	cps
Sodium	23-2	10719342	10727694	10686933	10711323	0.20	cps
Strontium	86-1	700798	705836	702331	702989	0.37	cps
Strontium	88-1	6117871	6127620	6039157	6094883	0.80	cps
Sulfur	34-1	824251	812008	797721	811327	1.64	cps
Terbium	159-1	27801151	27880111	27698862	27793375	0.33	cps
Terbium	159-2	13297727	13302319	13234331	13278126	0.29	cps
Thallium	203-1	2010732	2008230	2005595	2008186	0.13	cps
Thallium	205-1	4734023	4814033	4802068	4783374	0.90	cps
Thorium	232-1	6935683	6927702	6967790	6943725	0.31	cps
Tin	118-1	1781362	1795669	1776089	1784373	0.57	cps
Titanium	47-1	1555697	1562862	1545148	1554569	0.57	cps
Uranium	238-1	6739015	6698298	6791460	6742924	0.69	cps
Vanadium	51-2	506689	511001	507806	508499	0.44	cps
Yttrium	89-1	23325285	23126364	22966580	23139410	0.78	cps
Yttrium	89-2	3013760	3038398	3039085	3030414	0.48	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:17:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	224872	225494	224783	225049	0.17	cps
Zirconium	90-1	3676163	3644139	3643285	3654529	0.51	cps
Zirconium	91-1	814888	814320	803593	810934	0.78	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:20:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	907347	912205	910970	910174	0.28	cps
Antimony	121-1	3984898	4034814	4022001	4013904	0.65	cps
Arsenic	75-2	134657	136259	135855	135590	0.61	cps
Barium	135-1	5117350	5190408	5172955	5160238	0.74	cps
Barium	137-1	8828488	8908607	8924491	8887195	0.58	cps
Beryllium	9-1	1170116	1175427	1154408	1166650	0.94	cps
Bismuth	209-1	16645449	16770552	16732836	16716279	0.38	cps
Bismuth	209-2	9582962	9465585	9558076	9535541	0.65	cps
Boron	10-1	180429	182661	180665	181252	0.68	cps
Boron	11-1	850529	843280	840419	844743	0.62	cps
Cadmium	111-1	1206916	1223206	1210726	1213616	0.70	cps
Cadmium	106-1	139448	139825	139934	139736	0.18	cps
Cadmium	108-1	89706	89661	90298	89888	0.40	cps
Calcium	43-1	1370588	1386479	1378668	1378579	0.58	cps
Calcium	44-1	21804217	21829302	21743833	21792451	0.20	cps
Chromium	52-2	1292731	1282711	1291535	1288992	0.42	cps
Cobalt	59-2	2148748	2155033	2146000	2149927	0.22	cps
Copper	63-2	3073093	3067037	3091691	3077274	0.42	cps
Dysprosium	156-1	75	150	117	114	33.00	cps
Dysprosium	156-2	143	120	107	123	15.05	cps
Erbium	164-1	150	117	133	133	12.50	cps
Erbium	164-2	113	107	67	96	26.41	cps
Gadolinium	160-1	233	167	183	194	17.85	cps
Gadolinium	160-2	443	390	413	416	6.43	cps
Holmium	165-1	26586194	26757541	26790274	26711336	0.41	cps
Holmium	165-2	13236154	13250741	13109754	13198883	0.59	cps
Indium	115-1	21929667	22059225	22127712	22038868	0.46	cps
Indium	115-2	4128076	4140559	4152780	4140472	0.30	cps
Iron	56-2	55084283	54956440	54790123	54943616	0.27	cps
Iron	57-2	1341430	1349999	1350258	1347229	0.37	cps
Krypton	83-1	2047	2097	2204	2116	3.78	cps
Lead	206-1	3191041	3230927	3190979	3204315	0.72	cps
Lead	207-1	2842338	2877579	2860380	2860099	0.62	cps
Lead	208-1	12980818	13092094	13012132	13028348	0.44	cps
Lithium	6-1	7937954	7931879	7943129	7937654	0.07	cps
Magnesium	24-2	10800987	10919650	10931422	10884020	0.66	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:20:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1502128	1487085	1493452	1494221	0.51	cps
Molybdenum	94-1	8650492	8791268	8781863	8741208	0.90	cps
Molybdenum	95-1	10782286	10877634	10854459	10838126	0.46	cps
Molybdenum	96-1	12001130	12047900	12162988	12070672	0.69	cps
Molybdenum	97-1	6759766	6732547	6785393	6759235	0.39	cps
Molybdenum	98-1	17471179	17401166	17528037	17466794	0.36	cps
Neodymium	150-1	320	340	320	327	3.53	cps
Neodymium	150-2	57	30	57	48	32.23	cps
Nickel	60-2	573996	573800	576331	574709	0.24	cps
Phosphorus	31-2	53506	54342	54843	54230	1.25	cps
Potassium	39-2	4770890	4803892	4797219	4790667	0.36	cps
Rhodium	103-1	20116868	20177142	20140976	20144995	0.15	cps
Rhodium	103-2	9411061	9412680	9426047	9416596	0.09	cps
Scandium	45-1	14296195	14141060	14345190	14260815	0.75	cps
Scandium	45-2	603145	598614	605947	602569	0.61	cps
Selenium	77-2	3701	3781	4004	3828	4.11	cps
Selenium	78-2	13160	13036	13149	13115	0.52	cps
Selenium	82-1	91767	92387	93075	92410	0.71	cps
Silicon	28-1	3817243	3830465	3842089	3829932	0.32	cps
Silver	109-1	5414079	5414222	5465582	5431294	0.55	cps
Silver	107-1	5666236	5748256	5716384	5710292	0.72	cps
Sodium	23-2	21186935	21236361	21563779	21329025	0.96	cps
Strontium	86-1	1402990	1409482	1417154	1409875	0.50	cps
Strontium	88-1	12275894	12207637	12278042	12253858	0.33	cps
Sulfur	34-1	1011714	1007820	995554	1005029	0.84	cps
Terbium	159-1	27877750	28199719	28258544	28112004	0.73	cps
Terbium	159-2	13373620	13289868	13476334	13379940	0.70	cps
Thallium	203-1	4021006	4054393	4011338	4028912	0.56	cps
Thallium	205-1	9388600	9416623	9360812	9388678	0.30	cps
Thorium	232-1	14058348	14032555	14042218	14044373	0.09	cps
Tin	118-1	3523473	3559648	3563893	3549005	0.63	cps
Titanium	47-1	3058205	3072454	3092231	3074297	0.56	cps
Uranium	238-1	13683773	13731583	13707311	13707556	0.17	cps
Vanadium	51-2	1023482	1024138	1031119	1026246	0.41	cps
Yttrium	89-1	23330075	23109995	23261493	23233854	0.48	cps
Yttrium	89-2	3067823	3049566	3105525	3074305	0.93	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:20:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	444115	440047	445067	443076	0.60	cps
Zirconium	90-1	7264620	7269538	7240776	7258312	0.21	cps
Zirconium	91-1	1598464	1628178	1622692	1616445	0.98	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:24:41 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1865038	1863879	1896105	1875007	0.97	cps
Antimony	121-1	8159378	8145733	8221135	8175416	0.49	cps
Arsenic	75-2	281746	280133	284870	282250	0.85	cps
Barium	135-1	10427319	10346755	10423325	10399133	0.44	cps
Barium	137-1	18135182	18096544	18240413	18157380	0.41	cps
Beryllium	9-1	2213340	2213865	2231429	2219545	0.46	cps
Bismuth	209-1	16263454	16268071	16264318	16265281	0.02	cps
Bismuth	209-2	9361842	9302080	9410864	9358262	0.58	cps
Boron	10-1	347170	346397	354857	349475	1.34	cps
Boron	11-1	1633819	1634218	1660848	1642962	0.94	cps
Cadmium	111-1	2427284	2437144	2453834	2439421	0.55	cps
Cadmium	106-1	270083	270626	275186	271965	1.03	cps
Cadmium	108-1	179697	178035	183039	180257	1.41	cps
Calcium	43-1	2758292	2793388	2814531	2788737	1.02	cps
Calcium	44-1	44330994	44269523	44744293	44448270	0.58	cps
Chromium	52-2	2684942	2689291	2728110	2700781	0.88	cps
Cobalt	59-2	4435906	4462202	4494464	4464191	0.66	cps
Copper	63-2	6273840	6311148	6333292	6306093	0.48	cps
Dysprosium	156-1	275	192	108	192	43.48	cps
Dysprosium	156-2	193	220	163	192	14.75	cps
Erbium	164-1	133	133	142	136	3.53	cps
Erbium	164-2	100	107	97	101	5.04	cps
Gadolinium	160-1	192	158	233	194	19.33	cps
Gadolinium	160-2	460	493	447	467	5.15	cps
Holmium	165-1	26918063	26606396	26802909	26775789	0.59	cps
Holmium	165-2	13309923	13320196	13521734	13383951	0.89	cps
Indium	115-1	22172610	22016503	22466840	22218651	1.03	cps
Indium	115-2	4257783	4283967	4304553	4282101	0.55	cps
Iron	56-2	113590197	113725625	115175836	114163886	0.77	cps
Iron	57-2	2802390	2779017	2835136	2805514	1.00	cps
Krypton	83-1	2194	2300	2134	2209	3.82	cps
Lead	206-1	6334224	6225616	6278668	6279503	0.86	cps
Lead	207-1	5678378	5618885	5681277	5659513	0.62	cps
Lead	208-1	25756227	25643490	25668234	25689317	0.23	cps
Lithium	6-1	7573028	7421762	7395942	7463577	1.28	cps
Magnesium	24-2	22173014	22225446	22708069	22368843	1.32	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:24:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3098359	3139550	3148773	3128894	0.86	cps
Molybdenum	94-1	17878339	17949911	18188887	18005713	0.90	cps
Molybdenum	95-1	22185592	22252253	22393164	22277003	0.48	cps
Molybdenum	96-1	24776808	24665306	25085846	24842654	0.88	cps
Molybdenum	97-1	13938676	13775624	14179100	13964466	1.45	cps
Molybdenum	98-1	36281261	35921477	36628883	36277207	0.98	cps
Neodymium	150-1	753	713	627	698	9.28	cps
Neodymium	150-2	57	43	57	52	14.75	cps
Nickel	60-2	1174663	1183218	1190149	1182677	0.66	cps
Phosphorus	31-2	110355	111071	110760	110729	0.32	cps
Potassium	39-2	9971412	9901086	10146189	10006229	1.26	cps
Rhodium	103-1	20214260	20281909	20588522	20361564	0.98	cps
Rhodium	103-2	9597094	9591827	9726530	9638484	0.79	cps
Scandium	45-1	14433232	14437518	14691672	14520807	1.02	cps
Scandium	45-2	622869	632131	644613	633204	1.72	cps
Selenium	77-2	7879	8006	8329	8071	2.88	cps
Selenium	78-2	26675	26398	27008	26694	1.14	cps
Selenium	82-1	183566	185691	185872	185043	0.69	cps
Silicon	28-1	6355882	6458758	6542046	6452229	1.45	cps
Silver	109-1	10959981	10920836	10993478	10958098	0.33	cps
Silver	107-1	11368072	11380512	11520643	11423076	0.74	cps
Sodium	23-2	43724357	43959492	44303467	43995772	0.66	cps
Strontium	86-1	2876101	2874086	2922629	2890939	0.95	cps
Strontium	88-1	25169497	25136392	25509180	25271690	0.82	cps
Sulfur	34-1	1505576	1513825	1520868	1513423	0.51	cps
Terbium	159-1	28315200	28333255	28418435	28355630	0.19	cps
Terbium	159-2	13711402	13563657	13687116	13654058	0.58	cps
Thallium	203-1	7908167	7846035	7883599	7879267	0.40	cps
Thallium	205-1	18629243	18326936	18606285	18520822	0.91	cps
Thorium	232-1	28210195	27851030	27927196	27996140	0.68	cps
Tin	118-1	7239867	7213045	7279122	7244011	0.46	cps
Titanium	47-1	6287914	6294724	6353907	6312182	0.58	cps
Uranium	238-1	27263306	26647435	26959523	26956755	1.14	cps
Vanadium	51-2	2153850	2179579	2182041	2171823	0.72	cps
Yttrium	89-1	23638682	23744731	24077510	23820308	0.96	cps
Yttrium	89-2	3194845	3223623	3268139	3228869	1.14	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:24:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	887664	889937	905880	894494	1.11	cps
Zirconium	90-1	14954208	14935892	15217281	15035793	1.05	cps
Zirconium	91-1	3322096	3318724	3392865	3344562	1.25	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:28:24 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3870688	3836327	3892286	3866434	0.73	cps
Antimony	121-1	16842583	16957604	17050993	16950393	0.62	cps
Arsenic	75-2	569607	572459	578398	573488	0.78	cps
Barium	135-1	21439577	21693679	21803502	21645586	0.86	cps
Barium	137-1	37224968	37493979	37707491	37475479	0.65	cps
Beryllium	9-1	4242923	4198044	4284386	4241784	1.02	cps
Bismuth	209-1	15829192	15866836	15809363	15835130	0.18	cps
Bismuth	209-2	8827818	9010462	9036057	8958113	1.27	cps
Boron	10-1	669132	679118	684860	677703	1.17	cps
Boron	11-1	3168069	3222582	3211045	3200565	0.90	cps
Cadmium	111-1	4924333	4952292	5035852	4970825	1.17	cps
Cadmium	106-1	545661	545660	550899	547406	0.55	cps
Cadmium	108-1	361169	363736	370690	365198	1.35	cps
Calcium	43-1	5879520	5898766	5997248	5925178	1.07	cps
Calcium	44-1	92505548	93374104	95051515	93643722	1.38	cps
Chromium	52-2	5479836	5557314	5604281	5547143	1.13	cps
Cobalt	59-2	9101753	9117234	9130936	9116641	0.16	cps
Copper	63-2	13251961	13302157	13384047	13312722	0.50	cps
Dysprosium	156-1	333	233	342	303	19.91	cps
Dysprosium	156-2	380	427	387	398	6.35	cps
Erbium	164-1	142	167	150	153	8.33	cps
Erbium	164-2	103	113	153	123	21.45	cps
Gadolinium	160-1	142	192	308	214	39.99	cps
Gadolinium	160-2	430	463	410	434	6.20	cps
Holmium	165-1	27412115	27601739	27481388	27498414	0.35	cps
Holmium	165-2	13352306	13317049	13436682	13368679	0.46	cps
Indium	115-1	22654695	22806604	22991055	22817451	0.74	cps
Indium	115-2	4245302	4258033	4313492	4272276	0.85	cps
Iron	56-2	232218216	232325711	234381177	232975035	0.52	cps
Iron	57-2	5754068	5797342	5899174	5816861	1.28	cps
Krypton	83-1	2174	2227	2490	2297	7.38	cps
Lead	206-1	12858113	12944163	12859910	12887395	0.38	cps
Lead	207-1	11423420	11520008	11492090	11478506	0.43	cps
Lead	208-1	52364273	52480858	52345407	52396846	0.14	cps
Lithium	6-1	7143961	7065296	7163349	7124202	0.73	cps
Magnesium	24-2	45488454	45705840	46105732	45766675	0.68	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:28:24	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6372329	6370111	6421652	6388031	0.46	cps
Molybdenum	94-1	37539726	37861651	38131256	37844211	0.78	cps
Molybdenum	95-1	46046698	46665894	47400277	46704290	1.45	cps
Molybdenum	96-1	51150558	51575580	52536507	51754215	1.37	cps
Molybdenum	97-1	29005656	29091912	29468400	29188656	0.84	cps
Molybdenum	98-1	74658312	75454973	75894681	75335988	0.83	cps
Neodymium	150-1	1540	1127	1553	1407	17.25	cps
Neodymium	150-2	127	130	97	118	15.59	cps
Nickel	60-2	2341542	2360997	2389248	2363929	1.01	cps
Phosphorus	31-2	227809	226977	227471	227419	0.18	cps
Potassium	39-2	20710530	20899033	21011029	20873531	0.73	cps
Rhodium	103-1	20505504	20645533	20893923	20681653	0.95	cps
Rhodium	103-2	9506352	9566079	9573331	9548587	0.38	cps
Scandium	45-1	15015869	15188309	15512883	15239020	1.66	cps
Scandium	45-2	648039	657727	665864	657210	1.36	cps
Selenium	77-2	16052	16093	15825	15990	0.90	cps
Selenium	78-2	53065	53095	54413	53524	1.44	cps
Selenium	82-1	370427	373520	379810	374586	1.28	cps
Silicon	28-1	12033828	12343451	12299561	12225613	1.37	cps
Silver	109-1	21985957	22194711	22453631	22211433	1.05	cps
Silver	107-1	23013765	23088246	23344156	23148722	0.75	cps
Sodium	23-2	88937927	89496290	90782390	89738869	1.05	cps
Strontium	86-1	6029770	6073621	6173694	6092362	1.21	cps
Strontium	88-1	52868714	53035857	53522701	53142424	0.64	cps
Sulfur	34-1	2654581	2696325	2719107	2690005	1.22	cps
Terbium	159-1	28792115	28998290	29112401	28967602	0.56	cps
Terbium	159-2	13572172	13657559	13604060	13611264	0.32	cps
Thallium	203-1	15738740	15671441	15553013	15654398	0.60	cps
Thallium	205-1	37042078	36953310	36518057	36837815	0.76	cps
Thorium	232-1	55240703	55926575	55127271	55431516	0.78	cps
Tin	118-1	15022425	14930570	15197898	15050298	0.90	cps
Titanium	47-1	13056781	13158142	13415893	13210272	1.40	cps
Uranium	238-1	52898969	53437683	52860648	53065767	0.61	cps
Vanadium	51-2	4461840	4481077	4506195	4483037	0.50	cps
Yttrium	89-1	24854318	25089370	25118518	25020735	0.58	cps
Yttrium	89-2	3292457	3304351	3337701	3311503	0.71	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:28:24	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1879368	1890761	1897426	1889185	0.48	cps
Zirconium	90-1	31408932	31788657	31741940	31646510	0.65	cps
Zirconium	91-1	7008109	7112414	7125378	7081967	0.91	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:32:09 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21778299	21919137	22249676	21982371	1.10	cps
Antimony	121-1	23821	24890	24405	24372	2.20	cps
Arsenic	75-2	900	891	894	895	0.52	cps
Barium	135-1	3434	2984	3000	3139	8.13	cps
Barium	137-1	5510	5393	5310	5404	1.86	cps
Beryllium	9-1	606	422	500	509	18.07	cps
Bismuth	209-1	12963749	12799769	12710628	12824716	1.00	cps
Bismuth	209-2	7394217	7514345	7401979	7436847	0.90	cps
Boron	10-1	25831	25305	22684	24607	6.85	cps
Boron	11-1	120589	114332	110043	114988	4.61	cps
Cadmium	111-1	7197	7122	7218	7179	0.70	cps
Cadmium	106-1	9270	9070	9062	9134	1.29	cps
Cadmium	108-1	125	133	96	118	16.68	cps
Calcium	43-1	29720265	29895487	30296008	29970587	0.98	cps
Calcium	44-1	471747861	477918894	482996711	477554488	1.18	cps
Chromium	52-2	204955	208303	209709	207655	1.18	cps
Cobalt	59-2	112142	113428	114271	113280	0.95	cps
Copper	63-2	24364	24330	23997	24230	0.84	cps
Dysprosium	156-1	58	83	75	72	17.62	cps
Dysprosium	156-2	60	63	43	56	19.29	cps
Erbium	164-1	183	183	167	178	5.41	cps
Erbium	164-2	117	110	107	111	4.58	cps
Gadolinium	160-1	183	233	100	172	39.11	cps
Gadolinium	160-2	470	413	417	433	7.34	cps
Holmium	165-1	25151307	25237378	25214102	25200929	0.18	cps
Holmium	165-2	12606444	12654115	12671970	12644176	0.27	cps
Indium	115-1	21911416	21863175	21800083	21858224	0.26	cps
Indium	115-2	4254308	4233667	4303402	4263792	0.84	cps
Iron	56-2	1218288116	1228447805	1237653139	1228129687	0.79	cps
Iron	57-2	29906537	30414769	30321565	30214290	0.90	cps
Krypton	83-1	2430	2524	2367	2440	3.23	cps
Lead	206-1	12812	12362	12484	12553	1.86	cps
Lead	207-1	12056	11572	11383	11670	2.97	cps
Lead	208-1	52525	50928	51485	51646	1.57	cps
Lithium	6-1	6585941	6717502	6821983	6708475	1.76	cps
Magnesium	24-2	241434314	242756105	246389631	243526683	1.05	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:32:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25359	24928	25215	25167	0.87	cps
Molybdenum	94-1	31277	31227	31010	31171	0.46	cps
Molybdenum	95-1	47847	46627	47898	47458	1.52	cps
Molybdenum	96-1	77947	77620	77504	77690	0.30	cps
Molybdenum	97-1	29248	29665	30199	29704	1.61	cps
Molybdenum	98-1	74202	74278	73197	73892	0.82	cps
Neodymium	150-1	253	200	120	191	35.12	cps
Neodymium	150-2	70	83	87	80	11.02	cps
Nickel	60-2	76331	77413	78848	77531	1.63	cps
Phosphorus	31-2	242	267	250	253	5.04	cps
Potassium	39-2	115707461	116168698	118055423	116643861	1.07	cps
Rhodium	103-1	19011573	19104218	19123946	19079912	0.31	cps
Rhodium	103-2	8907551	8908789	8913298	8909879	0.03	cps
Scandium	45-1	15638478	15751602	16013918	15801333	1.22	cps
Scandium	45-2	720134	717951	725448	721178	0.53	cps
Selenium	77-2	10	23	20	18	39.03	cps
Selenium	78-2	165	159	150	158	4.74	cps
Selenium	82-1	380	371	599	450	28.72	cps
Silicon	28-1	1230418	1248341	1249636	1242799	0.86	cps
Silver	109-1	4593	4476	5743	4937	14.19	cps
Silver	107-1	5068	5568	6018	5551	8.56	cps
Sodium	23-2	475093794	481124727	485830011	480682844	1.12	cps
Strontium	86-1	27878	27686	27819	27794	0.35	cps
Strontium	88-1	213077	215775	212874	213909	0.76	cps
Sulfur	34-1	508987	526986	540575	525516	3.02	cps
Terbium	159-1	26908026	26925505	26858581	26897371	0.13	cps
Terbium	159-2	12915219	12948497	12929805	12931173	0.13	cps
Thallium	203-1	5176	4784	4618	4859	5.90	cps
Thallium	205-1	11722	10863	11397	11328	3.83	cps
Thorium	232-1	10076	10243	10471	10264	1.93	cps
Tin	118-1	7177	7027	6877	7027	2.14	cps
Titanium	47-1	3225	3492	3292	3337	4.16	cps
Uranium	238-1	5993	5543	6202	5913	5.69	cps
Vanadium	51-2	1070	1043	1147	1087	4.94	cps
Yttrium	89-1	25020749	24955919	24985328	24987332	0.13	cps
Yttrium	89-2	3463770	3479160	3475367	3472766	0.23	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:32:09	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23867	24621	23860	24116	1.81	cps
Zirconium	90-1	8878	8736	9804	9139	6.34	cps
Zirconium	91-1	2034	2042	2000	2025	1.09	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:54:45 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104732	103448	106804	104995	1.61	cps
Antimony	121-1	3618531	3644019	3616179	3626243	0.43	cps
Arsenic	75-2	131133	133376	134887	133132	1.42	cps
Barium	135-1	454951	460652	468401	461335	1.46	cps
Barium	137-1	790530	804498	799713	798247	0.89	cps
Beryllium	9-1	465015	463285	470988	466429	0.87	cps
Bismuth	209-1	16222166	16649482	16723610	16531753	1.64	cps
Bismuth	209-2	9675511	9851094	9867910	9798172	1.09	cps
Boron	10-1	3292	3676	3617	3528	5.86	cps
Boron	11-1	17486	18212	16927	17541	3.67	cps
Cadmium	111-1	551338	556894	558102	555445	0.65	cps
Cadmium	106-1	58756	58204	57007	57989	1.54	cps
Cadmium	108-1	37040	36460	36660	36720	0.80	cps
Calcium	43-1	132559	133069	129682	131770	1.39	cps
Calcium	44-1	2173043	2178074	2139865	2163661	0.96	cps
Chromium	52-2	607424	613486	622330	614413	1.22	cps
Cobalt	59-2	1023317	1043815	1045710	1037614	1.20	cps
Copper	63-2	734608	741069	746449	740709	0.80	cps
Dysprosium	156-1	58	92	58	69	27.71	cps
Dysprosium	156-2	67	53	50	57	15.57	cps
Erbium	164-1	275	275	208	253	15.23	cps
Erbium	164-2	110	137	183	143	25.90	cps
Gadolinium	160-1	183	183	150	172	11.17	cps
Gadolinium	160-2	550	437	510	499	11.52	cps
Holmium	165-1	27270659	27911969	27699839	27627489	1.18	cps
Holmium	165-2	13656799	13762579	13889311	13769563	0.85	cps
Indium	115-1	24709758	25433604	24954903	25032755	1.47	cps
Indium	115-2	4694454	4742472	4797092	4744673	1.08	cps
Iron	56-2	5324158	5379652	5423995	5375935	0.93	cps
Iron	57-2	131238	135324	134280	133614	1.59	cps
Krypton	83-1	2360	2490	2237	2362	5.36	cps
Lead	206-1	2605125	2601517	2591346	2599329	0.27	cps
Lead	207-1	2312376	2344504	2295798	2317559	1.07	cps
Lead	208-1	10574457	10700767	10591386	10622203	0.65	cps
Lithium	6-1	7500121	7555085	7462569	7505925	0.62	cps
Magnesium	24-2	611095	617704	624059	617620	1.05	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:54:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	352377	359504	364254	358712	1.67	cps
Molybdenum	94-1	2459	2809	2767	2678	7.14	cps
Molybdenum	95-1	3159	2959	3084	3067	3.30	cps
Molybdenum	96-1	3592	3684	3067	3448	9.65	cps
Molybdenum	97-1	2000	1925	1692	1872	8.59	cps
Molybdenum	98-1	4851	4609	5026	4829	4.33	cps
Neodymium	150-1	40	53	47	47	14.29	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	278168	279591	279412	279057	0.28	cps
Phosphorus	31-2	142	183	158	161	13.02	cps
Potassium	39-2	967402	984097	1002142	984547	1.76	cps
Rhodium	103-1	22961965	23606390	23518466	23362274	1.50	cps
Rhodium	103-2	10703726	10684266	10792148	10726713	0.54	cps
Scandium	45-1	16608550	16845598	16330227	16594792	1.55	cps
Scandium	45-2	715238	715771	729198	720069	1.10	cps
Selenium	77-2	3657	3894	4044	3865	5.05	cps
Selenium	78-2	13260	12869	13623	13251	2.85	cps
Selenium	82-1	89526	89687	90869	90027	0.81	cps
Silicon	28-1	409201	406616	414758	410192	1.01	cps
Silver	109-1	2236007	2276085	2253360	2255151	0.89	cps
Silver	107-1	2351073	2374884	2370685	2365547	0.54	cps
Sodium	23-2	1975970	2033450	2039607	2016342	1.74	cps
Strontium	86-1	19038	18663	19355	19019	1.82	cps
Strontium	88-1	135079	133568	136378	135009	1.04	cps
Sulfur	34-1	559975	557726	557697	558466	0.23	cps
Terbium	159-1	29108792	29855450	29156124	29373455	1.42	cps
Terbium	159-2	13901938	14136685	14216646	14085090	1.16	cps
Thallium	203-1	3281242	3330163	3318664	3310023	0.77	cps
Thallium	205-1	7758839	7805962	7771895	7778899	0.31	cps
Thorium	232-1	3973	4340	4456	4256	5.93	cps
Tin	118-1	3967	3592	3317	3626	9.00	cps
Titanium	47-1	583	442	442	489	16.73	cps
Uranium	238-1	2567	2584	2534	2562	0.99	cps
Vanadium	51-2	484574	494261	499059	492631	1.50	cps
Yttrium	89-1	26411472	27065375	26791478	26756108	1.23	cps
Yttrium	89-2	3564065	3598676	3619926	3594222	0.78	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:54:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	213474	214316	216315	214701	0.68	cps
Zirconium	90-1	2117	2234	2259	2203	3.43	cps
Zirconium	91-1	1075	925	792	931	15.23	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 17:58:20 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	117	167	147	18.20	cps
Antimony	121-1	2109	2450	2659	2406	11.54	cps
Arsenic	75-2	24	31	20	25	22.35	cps
Barium	135-1	50	92	50	64	37.66	cps
Barium	137-1	158	175	183	172	7.39	cps
Beryllium	9-1	228	167	117	170	32.66	cps
Bismuth	209-1	16706911	16555652	16707227	16656597	0.52	cps
Bismuth	209-2	9920117	9895412	9836830	9884120	0.43	cps
Boron	10-1	2817	2709	2742	2756	2.01	cps
Boron	11-1	12989	12631	13306	12975	2.61	cps
Cadmium	111-1	6216	6224	6269	6237	0.46	cps
Cadmium	106-1	8720	8728	8753	8734	0.20	cps
Cadmium	108-1	42	21	29	31	34.33	cps
Calcium	43-1	283	383	325	331	15.20	cps
Calcium	44-1	41903	41560	40683	41382	1.52	cps
Chromium	52-2	1000	963	947	970	2.81	cps
Cobalt	59-2	153	177	170	167	7.21	cps
Copper	63-2	1283	1083	1080	1149	10.14	cps
Dysprosium	156-1	25	33	67	42	52.92	cps
Dysprosium	156-2	27	27	33	29	13.31	cps
Erbium	164-1	142	117	117	125	11.55	cps
Erbium	164-2	90	80	97	89	9.44	cps
Gadolinium	160-1	158	142	100	133	22.54	cps
Gadolinium	160-2	480	423	503	469	8.77	cps
Holmium	165-1	27557744	27519845	27488032	27521874	0.13	cps
Holmium	165-2	13999499	13752717	13873023	13875080	0.89	cps
Indium	115-1	25218103	25281308	24893111	25130840	0.83	cps
Indium	115-2	4815483	4753509	4828989	4799327	0.84	cps
Iron	56-2	13095	13596	13384	13358	1.88	cps
Iron	57-2	611	600	678	630	6.68	cps
Krypton	83-1	2387	2424	2357	2389	1.40	cps
Lead	206-1	1250	1195	1133	1193	4.89	cps
Lead	207-1	1295	1272	1089	1219	9.26	cps
Lead	208-1	4934	5073	4328	4778	8.29	cps
Lithium	6-1	7448140	7403588	7508423	7453384	0.71	cps
Magnesium	24-2	1275	1567	1383	1408	10.47	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:58:20	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	67	77	74	9.32	cps
Molybdenum	94-1	717	617	708	681	8.15	cps
Molybdenum	95-1	167	117	258	181	39.79	cps
Molybdenum	96-1	450	325	517	431	22.60	cps
Molybdenum	97-1	267	183	200	217	20.35	cps
Molybdenum	98-1	358	358	358	358	0.00	cps
Neodymium	150-1	13	33	7	18	78.07	cps
Neodymium	150-2	3	0	17	7	132.33	cps
Nickel	60-2	60	60	50	57	10.19	cps
Phosphorus	31-2	167	117	108	131	24.16	cps
Potassium	39-2	37824	36738	37715	37426	1.60	cps
Rhodium	103-1	23369762	23464837	23698556	23511052	0.72	cps
Rhodium	103-2	10881722	10797357	10775973	10818351	0.52	cps
Scandium	45-1	16584095	16617786	16551172	16584351	0.20	cps
Scandium	45-2	725642	727971	728719	727444	0.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	119	130	137	128	7.26	cps
Selenium	82-1	-77	0	156	26	450.12	cps
Silicon	28-1	365836	375278	374338	371817	1.40	cps
Silver	109-1	575	425	308	436	30.65	cps
Silver	107-1	500	608	358	489	25.65	cps
Sodium	23-2	25915	26591	26123	26210	1.32	cps
Strontium	86-1	3617	3851	3817	3762	3.36	cps
Strontium	88-1	208	217	233	219	5.80	cps
Sulfur	34-1	547437	555232	552709	551793	0.72	cps
Terbium	159-1	29036868	29394620	29406367	29279285	0.72	cps
Terbium	159-2	14317085	14195234	14204745	14239021	0.48	cps
Thallium	203-1	1508	1575	1500	1528	2.69	cps
Thallium	205-1	3117	3042	2992	3050	2.06	cps
Thorium	232-1	2684	2773	2756	2737	1.73	cps
Tin	118-1	3559	3651	3626	3612	1.31	cps
Titanium	47-1	225	250	275	250	10.00	cps
Uranium	238-1	2150	2125	2042	2106	2.69	cps
Vanadium	51-2	43	30	30	34	22.34	cps
Yttrium	89-1	26794040	26727625	26923395	26815020	0.37	cps
Yttrium	89-2	3598090	3578565	3622670	3599775	0.61	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 17:58:20	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	570	473	510	518	9.42	cps
Zirconium	90-1	1825	1642	1475	1647	10.63	cps
Zirconium	91-1	250	417	333	333	25.00	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:01:56 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19650839	19815717	20131012	19865856	1.23	cps
Antimony	121-1	20207	20708	20641	20519	1.33	cps
Arsenic	75-2	250	276	209	245	13.71	cps
Barium	135-1	6985	6844	7111	6980	1.91	cps
Barium	137-1	11722	12081	11972	11925	1.54	cps
Beryllium	9-1	1339	1295	1133	1256	8.61	cps
Bismuth	209-1	15618443	15511445	15760145	15630011	0.80	cps
Bismuth	209-2	8611581	8946298	8798442	8785440	1.91	cps
Boron	10-1	2575	2859	2600	2678	5.86	cps
Boron	11-1	11830	12489	12155	12158	2.71	cps
Cadmium	111-1	8278	7756	8806	8280	6.34	cps
Cadmium	106-1	8828	8311	8561	8567	3.02	cps
Cadmium	108-1	4242	4042	3792	4026	5.60	cps
Calcium	43-1	6342026	6360027	6389316	6363790	0.38	cps
Calcium	44-1	101122131	101006979	101480698	101203270	0.24	cps
Chromium	52-2	129207	129765	130424	129799	0.47	cps
Cobalt	59-2	12282	12642	12242	12389	1.78	cps
Copper	63-2	53514	54217	55006	54246	1.38	cps
Dysprosium	156-1	92	158	67	106	44.89	cps
Dysprosium	156-2	73	50	73	66	20.55	cps
Erbium	164-1	167	158	142	156	8.18	cps
Erbium	164-2	100	107	110	106	4.82	cps
Gadolinium	160-1	300	183	208	231	26.64	cps
Gadolinium	160-2	433	450	433	439	2.19	cps
Holmium	165-1	28428048	28547006	28386031	28453695	0.29	cps
Holmium	165-2	13660151	13968634	13820666	13816484	1.12	cps
Indium	115-1	24245112	24469854	24689686	24468217	0.91	cps
Indium	115-2	4447811	4596994	4557888	4534231	1.71	cps
Iron	56-2	506261422	511590511	510116767	509322900	0.54	cps
Iron	57-2	12441770	12594488	12673005	12569754	0.94	cps
Krypton	83-1	2480	2580	2304	2455	5.71	cps
Lead	206-1	58262	59349	59266	58959	1.03	cps
Lead	207-1	47915	48143	47720	47926	0.44	cps
Lead	208-1	223066	223820	226609	224498	0.83	cps
Lithium	6-1	6784248	6692571	6610764	6695861	1.30	cps
Magnesium	24-2	49588118	50045006	50795426	50142850	1.22	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:01:56 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30679	31327	31123	31043	1.07	cps
Molybdenum	94-1	10799606	10778753	10871878	10816746	0.45	cps
Molybdenum	95-1	19175151	19192014	19303121	19223429	0.36	cps
Molybdenum	96-1	20508095	20536705	20750492	20598431	0.64	cps
Molybdenum	97-1	12007232	11898123	12044014	11983123	0.63	cps
Molybdenum	98-1	30744689	30966603	30962283	30891192	0.41	cps
Neodymium	150-1	113	40	140	98	52.96	cps
Neodymium	150-2	50	20	40	37	41.66	cps
Nickel	60-2	16540	16553	17100	16731	1.91	cps
Phosphorus	31-2	1226221	1245784	1249410	1240472	1.01	cps
Potassium	39-2	46677585	47229373	47585264	47164074	0.97	cps
Rhodium	103-1	21644678	21809139	21821802	21758540	0.45	cps
Rhodium	103-2	9876211	10162156	10090078	10042815	1.48	cps
Scandium	45-1	16155487	16388461	16618536	16387495	1.41	cps
Scandium	45-2	714844	740372	729810	728342	1.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	102	130	94	109	17.07	cps
Selenium	82-1	110	-144	156	41	398.31	cps
Silicon	28-1	622292	629983	627514	626596	0.63	cps
Silver	109-1	783	975	942	900	11.38	cps
Silver	107-1	1067	1108	1033	1070	3.51	cps
Sodium	23-2	97206406	98545096	99668452	98473318	1.25	cps
Strontium	86-1	222320	228889	227257	226155	1.51	cps
Strontium	88-1	1940017	1938385	1970926	1949776	0.94	cps
Sulfur	34-1	9336352	9354606	9347615	9346191	0.10	cps
Terbium	159-1	29956200	29805059	30541785	30101015	1.29	cps
Terbium	159-2	13813156	14181809	14026809	14007258	1.32	cps
Thallium	203-1	2442	2867	3051	2787	11.20	cps
Thallium	205-1	5485	6210	6685	6127	9.87	cps
Thorium	232-1	3134	3362	3389	3295	4.26	cps
Tin	118-1	6660	6485	6744	6630	1.99	cps
Titanium	47-1	5734950	5734515	5792254	5753906	0.58	cps
Uranium	238-1	4159	3934	4309	4134	4.57	cps
Vanadium	51-2	840	860	953	884	6.84	cps
Yttrium	89-1	26522339	26651180	27044847	26739455	1.02	cps
Yttrium	89-2	3498860	3616907	3608527	3574765	1.84	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:01:56	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12619	12689	12599	12636	0.37	cps
Zirconium	90-1	2875	2942	3117	2978	4.19	cps
Zirconium	91-1	625	625	683	644	5.23	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:05:32 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20690969	20746531	20826409	20754637	0.33	cps
Antimony	121-1	364225	370458	368586	367756	0.87	cps
Arsenic	75-2	12704	12455	12735	12631	1.21	cps
Barium	135-1	96400	96552	97375	96776	0.54	cps
Barium	137-1	168126	168158	172646	169643	1.53	cps
Beryllium	9-1	76717	74947	75985	75883	1.17	cps
Bismuth	209-1	15190143	15422478	15100209	15237610	1.09	cps
Bismuth	209-2	8567348	8399997	8520493	8495946	1.02	cps
Boron	10-1	39445	39954	38534	39311	1.83	cps
Boron	11-1	188756	190306	187783	188948	0.67	cps
Cadmium	111-1	110125	110346	110916	110462	0.37	cps
Cadmium	106-1	22427	22686	22352	22488	0.78	cps
Cadmium	108-1	12844	12314	12627	12595	2.11	cps
Calcium	43-1	6465853	6565993	6594301	6542049	1.03	cps
Calcium	44-1	101968763	104487350	103369190	103275101	1.22	cps
Chromium	52-2	251357	251202	253593	252051	0.53	cps
Cobalt	59-2	207449	206830	207577	207285	0.19	cps
Copper	63-2	190547	193387	191137	191690	0.78	cps
Dysprosium	156-1	142	117	100	119	17.55	cps
Dysprosium	156-2	70	50	63	61	16.66	cps
Erbium	164-1	275	233	225	244	10.96	cps
Erbium	164-2	123	123	130	126	3.06	cps
Gadolinium	160-1	233	317	283	278	15.10	cps
Gadolinium	160-2	380	467	360	402	14.10	cps
Holmium	165-1	27987348	28606464	27888286	28160699	1.38	cps
Holmium	165-2	13464843	13637993	13719915	13607584	0.96	cps
Indium	115-1	24590295	25114339	24516159	24740265	1.32	cps
Indium	115-2	4560540	4565737	4596699	4574325	0.43	cps
Iron	56-2	527008656	520869367	527001945	524959990	0.67	cps
Iron	57-2	12868145	12817507	12881879	12855844	0.26	cps
Krypton	83-1	2314	2340	2214	2289	2.92	cps
Lead	206-1	298944	293533	296173	296217	0.91	cps
Lead	207-1	255704	251406	252110	253073	0.91	cps
Lead	208-1	1178647	1164798	1167487	1170311	0.63	cps
Lithium	6-1	6004730	6162601	5958352	6041894	1.77	cps
Magnesium	24-2	52382788	52167223	52833022	52461011	0.65	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:05:32	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	102621	101769	101088	101826	0.75	cps
Molybdenum	94-1	11769790	11985206	12003082	11919359	1.09	cps
Molybdenum	95-1	19744366	20064758	20072684	19960603	0.94	cps
Molybdenum	96-1	21376209	21603704	21674119	21551344	0.72	cps
Molybdenum	97-1	12421923	12447565	12504228	12457905	0.34	cps
Molybdenum	98-1	32391027	32324432	32232944	32316134	0.25	cps
Neodymium	150-1	93	47	113	84	40.51	cps
Neodymium	150-2	60	40	37	46	27.70	cps
Nickel	60-2	68864	67501	68757	68374	1.11	cps
Phosphorus	31-2	1288134	1284778	1296118	1289677	0.45	cps
Potassium	39-2	49130447	48840720	49553017	49174728	0.73	cps
Rhodium	103-1	21970576	22503718	21624211	22032835	2.01	cps
Rhodium	103-2	10092900	9985916	10249826	10109547	1.31	cps
Scandium	45-1	16367558	16928142	16468548	16588083	1.80	cps
Scandium	45-2	742310	746559	764210	751026	1.55	cps
Selenium	77-2	357	340	413	370	10.39	cps
Selenium	78-2	1241	1330	1365	1312	4.88	cps
Selenium	82-1	8133	8096	8158	8129	0.39	cps
Silicon	28-1	1352358	1374162	1366071	1364197	0.81	cps
Silver	109-1	443203	441080	437223	440502	0.69	cps
Silver	107-1	459510	459580	461336	460142	0.22	cps
Sodium	23-2	103146346	102842398	103347650	103112131	0.25	cps
Strontium	86-1	583461	587130	588852	586481	0.47	cps
Strontium	88-1	5091554	5129150	5157694	5126133	0.65	cps
Sulfur	34-1	9412273	9507265	9425986	9448508	0.54	cps
Terbium	159-1	29884954	30566060	29639609	30030207	1.60	cps
Terbium	159-2	13833379	13986476	13925412	13915089	0.55	cps
Thallium	203-1	305088	303914	307748	305583	0.64	cps
Thallium	205-1	720736	720940	712035	717904	0.71	cps
Thorium	232-1	21357	20834	20956	21049	1.30	cps
Tin	118-1	858640	866994	880303	868646	1.26	cps
Titanium	47-1	5995065	6027673	5999815	6007518	0.29	cps
Uranium	238-1	2691042	2736276	2701505	2709608	0.87	cps
Vanadium	51-2	96842	95966	96741	96516	0.50	cps
Yttrium	89-1	27033982	27774975	26906422	27238460	1.72	cps
Yttrium	89-2	3603794	3647847	3681755	3644465	1.07	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:05:32	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31751	31047	32473	31757	2.25	cps
Zirconium	90-1	1838829	1834725	1843234	1838929	0.23	cps
Zirconium	91-1	403227	405277	408591	405699	0.67	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : CCV76 Instrumnet Name : P7
 Client Sample ID : CCV76 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:09:09 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11564631	11632345	11724166	11640381	0.69	cps
Antimony	121-1	8664713	8655951	8657382	8659349	0.05	cps
Arsenic	75-2	307373	309325	310192	308963	0.47	cps
Barium	135-1	11076554	10868539	10884884	10943326	1.06	cps
Barium	137-1	19220839	18865731	18991946	19026172	0.95	cps
Beryllium	9-1	1911322	1879968	1947624	1912971	1.77	cps
Bismuth	209-1	14369229	14165640	14326685	14287185	0.75	cps
Bismuth	209-2	8198418	8138498	8014610	8117176	1.15	cps
Boron	10-1	292312	294533	307983	298276	2.84	cps
Boron	11-1	1391957	1424830	1447521	1421436	1.97	cps
Cadmium	111-1	2524699	2530404	2527332	2527478	0.11	cps
Cadmium	106-1	285131	282831	285265	284409	0.48	cps
Cadmium	108-1	189580	187917	187924	188474	0.51	cps
Calcium	43-1	15174812	15185238	15415913	15258654	0.89	cps
Calcium	44-1	241497414	241855672	243805489	242386192	0.51	cps
Chromium	52-2	3085848	3115786	3090616	3097417	0.52	cps
Cobalt	59-2	4735878	4782525	4815030	4777811	0.83	cps
Copper	63-2	6962374	7048256	7039202	7016610	0.67	cps
Dysprosium	156-1	233	183	242	219	14.38	cps
Dysprosium	156-2	227	277	257	253	9.93	cps
Erbium	164-1	158	125	133	139	12.49	cps
Erbium	164-2	73	103	97	91	17.29	cps
Gadolinium	160-1	142	192	233	189	24.30	cps
Gadolinium	160-2	430	407	437	424	3.71	cps
Holmium	165-1	27193014	26949957	27547494	27230155	1.10	cps
Holmium	165-2	13343005	13305026	13070106	13239379	1.12	cps
Indium	115-1	23485480	23240165	23685973	23470539	0.95	cps
Indium	115-2	4429893	4409864	4415591	4418449	0.23	cps
Iron	56-2	618688458	622299569	621471969	620819999	0.30	cps
Iron	57-2	15259307	15395382	15498193	15384294	0.78	cps
Krypton	83-1	2430	2477	2524	2477	1.88	cps
Lead	206-1	5797639	5707939	5655578	5720385	1.26	cps
Lead	207-1	5174725	5093491	5063295	5110503	1.13	cps
Lead	208-1	23584735	23247924	22983255	23271971	1.30	cps
Lithium	6-1	6225036	6117363	6380153	6240851	2.12	cps
Magnesium	24-2	123785240	124703194	125171761	124553399	0.57	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:09:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3542906	3568346	3558673	3556642	0.36	cps
Molybdenum	94-1	19741375	19713223	19761187	19738595	0.12	cps
Molybdenum	95-1	24525858	24057978	24464986	24349608	1.04	cps
Molybdenum	96-1	27258183	26727240	27261514	27082312	1.14	cps
Molybdenum	97-1	15341202	15018516	15155705	15171808	1.07	cps
Molybdenum	98-1	39330646	38746253	39157307	39078069	0.77	cps
Neodymium	150-1	747	833	940	840	11.53	cps
Neodymium	150-2	113	67	110	97	26.93	cps
Nickel	60-2	1226422	1258397	1249598	1244806	1.33	cps
Phosphorus	31-2	126031	126357	128980	127123	1.27	cps
Potassium	39-2	59649901	60978618	61005589	60544703	1.28	cps
Rhodium	103-1	20939116	20460284	21070854	20823418	1.54	cps
Rhodium	103-2	9604994	9633823	9533528	9590781	0.54	cps
Scandium	45-1	16348906	16025083	16502312	16292100	1.50	cps
Scandium	45-2	742022	756622	750747	749797	0.98	cps
Selenium	77-2	9000	9093	9036	9043	0.52	cps
Selenium	78-2	30272	30612	30471	30452	0.56	cps
Selenium	82-1	204422	204373	203553	204116	0.24	cps
Silicon	28-1	6504114	6626737	6689171	6606674	1.43	cps
Silver	109-1	11429752	11431574	11240622	11367316	0.97	cps
Silver	107-1	11831617	11761388	11779805	11790937	0.31	cps
Sodium	23-2	245590705	248789914	248079947	247486856	0.68	cps
Strontium	86-1	3240617	3193214	3224642	3219491	0.75	cps
Strontium	88-1	28057780	28087826	28339746	28161784	0.55	cps
Sulfur	34-1	1595126	1620030	1648545	1621234	1.65	cps
Terbium	159-1	29039655	28581960	29109281	28910298	0.99	cps
Terbium	159-2	13556734	13447564	13402906	13469068	0.59	cps
Thallium	203-1	7222841	7149613	7122458	7164971	0.72	cps
Thallium	205-1	17148173	16845437	16772514	16922042	1.18	cps
Thorium	232-1	25662267	25163942	24883380	25236530	1.56	cps
Tin	118-1	7649127	7640498	7674978	7654868	0.23	cps
Titanium	47-1	7002918	6923620	6982664	6969734	0.59	cps
Uranium	238-1	24053162	24089681	23602852	23915232	1.13	cps
Vanadium	51-2	2449827	2497094	2464944	2470621	0.98	cps
Yttrium	89-1	26341102	26134380	26970620	26482034	1.64	cps
Yttrium	89-2	3570506	3623043	3565716	3586422	0.89	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:09:09	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1019048	1027977	1030499	1025841	0.59	cps
Zirconium	90-1	16675330	16451107	16631098	16585845	0.72	cps
Zirconium	91-1	3681033	3648636	3714772	3681480	0.90	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:27:42 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4768	4701	4618	4695	1.60	cps
Antimony	121-1	37175	36390	36281	36615	1.33	cps
Arsenic	75-2	733	669	654	685	6.18	cps
Barium	135-1	46671	46947	47448	47022	0.84	cps
Barium	137-1	82118	81851	83217	82395	0.88	cps
Beryllium	9-1	4390	4373	4384	4382	0.19	cps
Bismuth	209-1	16421331	16457881	16653765	16510992	0.76	cps
Bismuth	209-2	9651007	9532077	9651198	9611427	0.71	cps
Boron	10-1	18954	18645	18996	18865	1.01	cps
Boron	11-1	88729	89937	92846	90504	2.34	cps
Cadmium	111-1	12201	11431	11797	11810	3.26	cps
Cadmium	106-1	9971	9270	9504	9581	3.72	cps
Cadmium	108-1	458	442	492	464	5.49	cps
Calcium	43-1	34082	33782	33606	33823	0.71	cps
Calcium	44-1	578724	576550	577294	577523	0.19	cps
Chromium	52-2	13843	14120	13983	13982	0.99	cps
Cobalt	59-2	11091	11184	11028	11101	0.71	cps
Copper	63-2	16586	16623	17033	16748	1.48	cps
Dysprosium	156-1	17	67	17	33	86.59	cps
Dysprosium	156-2	40	33	10	28	56.71	cps
Erbium	164-1	225	108	142	158	37.95	cps
Erbium	164-2	50	47	97	64	43.38	cps
Gadolinium	160-1	200	108	183	164	29.79	cps
Gadolinium	160-2	447	467	433	449	3.74	cps
Holmium	165-1	27803814	28260096	28148366	28070759	0.85	cps
Holmium	165-2	13948615	14037132	13924677	13970141	0.42	cps
Indium	115-1	26123654	26127095	26086725	26112492	0.09	cps
Indium	115-2	4876744	4921569	4969081	4922465	0.94	cps
Iron	56-2	303593	299880	306206	303227	1.05	cps
Iron	57-2	8525	8219	8002	8249	3.18	cps
Krypton	83-1	2580	2457	2680	2572	4.35	cps
Lead	206-1	13568	13591	13941	13700	1.53	cps
Lead	207-1	12028	11678	11861	11856	1.48	cps
Lead	208-1	54272	54284	54467	54341	0.20	cps
Lithium	6-1	6781745	6756726	6755585	6764685	0.22	cps
Magnesium	24-2	278324	276746	278203	277758	0.32	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 18:27:42 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4144	4061	4117	4107	1.04	cps
Molybdenum	94-1	41754	41453	41278	41495	0.58	cps
Molybdenum	95-1	51753	52941	50925	51873	1.95	cps
Molybdenum	96-1	58772	57851	58354	58326	0.79	cps
Molybdenum	97-1	33014	32647	32981	32881	0.62	cps
Molybdenum	98-1	82874	81592	83261	82576	1.06	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	3037	2920	2990	2983	1.97	cps
Phosphorus	31-2	925	867	1017	936	8.08	cps
Potassium	39-2	296106	295676	295124	295635	0.17	cps
Rhodium	103-1	24539086	24291161	24458377	24429541	0.52	cps
Rhodium	103-2	11145827	11206475	11172289	11174863	0.27	cps
Scandium	45-1	17394978	17293373	17327099	17338483	0.30	cps
Scandium	45-2	780829	772171	767726	773575	0.86	cps
Selenium	77-2	117	107	130	118	9.94	cps
Selenium	78-2	569	496	500	522	7.80	cps
Selenium	82-1	2292	2549	2125	2322	9.19	cps
Silicon	28-1	497582	500127	503992	500567	0.64	cps
Silver	109-1	27778	27870	27227	27625	1.26	cps
Silver	107-1	28638	27828	28171	28212	1.44	cps
Sodium	23-2	553509	546543	550695	550249	0.64	cps
Strontium	86-1	11288	10454	10546	10763	4.25	cps
Strontium	88-1	58822	59491	59147	59154	0.57	cps
Sulfur	34-1	567924	566138	570186	568083	0.36	cps
Terbium	159-1	29978285	29735801	29653299	29789128	0.57	cps
Terbium	159-2	14249177	14180458	14204906	14211514	0.25	cps
Thallium	203-1	16269	17137	15952	16453	3.73	cps
Thallium	205-1	38824	37780	38825	38476	1.57	cps
Thorium	232-1	49372	50666	50866	50301	1.61	cps
Tin	118-1	88370	89705	88176	88750	0.94	cps
Titanium	47-1	15884	15751	15651	15762	0.74	cps
Uranium	238-1	48927	49279	49621	49275	0.70	cps
Vanadium	51-2	27953	27566	28147	27889	1.06	cps
Yttrium	89-1	28112151	27996223	28229650	28112675	0.42	cps
Yttrium	89-2	3790038	3749376	3766817	3768743	0.54	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:27:42	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3881	3977	3794	3884	2.36	cps
Zirconium	90-1	33023	34158	34067	33749	1.87	cps
Zirconium	91-1	7411	7436	7752	7533	2.53	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:31:16	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	17	44	57.28	cps
Antimony	121-1	317	358	617	431	37.75	cps
Arsenic	75-2	11	6	13	10	38.99	cps
Barium	135-1	8	42	67	39	75.26	cps
Barium	137-1	92	117	58	89	32.92	cps
Beryllium	9-1	72	50	33	52	37.63	cps
Bismuth	209-1	16516579	16423076	16037334	16325663	1.56	cps
Bismuth	209-2	9851938	9753785	9926693	9844139	0.88	cps
Boron	10-1	3175	3109	3200	3162	1.50	cps
Boron	11-1	13890	14257	13248	13798	3.70	cps
Cadmium	111-1	6225	6622	6017	6288	4.89	cps
Cadmium	106-1	8828	9387	8545	8920	4.80	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	300	292	308	300	2.78	cps
Calcium	44-1	32830	31903	32613	32448	1.49	cps
Chromium	52-2	1050	1020	1107	1059	4.16	cps
Cobalt	59-2	140	137	153	143	6.15	cps
Copper	63-2	1173	1173	1217	1188	2.11	cps
Dysprosium	156-1	58	50	50	53	9.12	cps
Dysprosium	156-2	30	27	30	29	6.65	cps
Erbium	164-1	100	175	167	147	27.92	cps
Erbium	164-2	80	93	93	89	8.66	cps
Gadolinium	160-1	133	150	150	144	6.66	cps
Gadolinium	160-2	413	480	463	452	7.67	cps
Holmium	165-1	28122053	27782246	27499408	27801236	1.12	cps
Holmium	165-2	14384178	14177814	14168634	14243542	0.86	cps
Indium	115-1	26347609	25899424	25566023	25937685	1.51	cps
Indium	115-2	5038933	5028276	5052307	5039839	0.24	cps
Iron	56-2	9064	8419	8792	8758	3.70	cps
Iron	57-2	550	594	611	585	5.40	cps
Krypton	83-1	2504	2437	2617	2519	3.61	cps
Lead	206-1	1217	1222	1195	1211	1.21	cps
Lead	207-1	1161	983	1078	1074	8.28	cps
Lead	208-1	4456	4500	4434	4463	0.76	cps
Lithium	6-1	6640735	6643597	6548923	6611085	0.81	cps
Magnesium	24-2	317	433	342	364	16.88	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:31:16	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	53	43	51	13.58	cps
Molybdenum	94-1	733	850	867	817	8.90	cps
Molybdenum	95-1	250	250	233	244	3.94	cps
Molybdenum	96-1	417	475	442	444	6.59	cps
Molybdenum	97-1	233	200	258	231	12.69	cps
Molybdenum	98-1	400	367	358	375	5.88	cps
Neodymium	150-1	0	40	7	16	137.75	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	40	30	63	44	38.48	cps
Phosphorus	31-2	167	142	108	139	21.07	cps
Potassium	39-2	40381	40874	41058	40771	0.86	cps
Rhodium	103-1	24373030	24049392	23866095	24096173	1.07	cps
Rhodium	103-2	11545421	11363109	11543459	11483996	0.91	cps
Scandium	45-1	17319907	17169114	17124054	17204358	0.60	cps
Scandium	45-2	791828	779178	799492	790166	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	122	124	119	122	2.33	cps
Selenium	82-1	114	121	-202	11	1657.61	cps
Silicon	28-1	366143	365638	366620	366133	0.13	cps
Silver	109-1	167	117	233	172	33.99	cps
Silver	107-1	267	183	292	247	22.94	cps
Sodium	23-2	27017	26416	26975	26803	1.25	cps
Strontium	86-1	3951	3809	3951	3903	2.10	cps
Strontium	88-1	175	150	175	167	8.66	cps
Sulfur	34-1	568660	574864	572070	571865	0.54	cps
Terbium	159-1	30046629	29837519	29534216	29806121	0.86	cps
Terbium	159-2	14669063	14508139	14503191	14560131	0.65	cps
Thallium	203-1	967	992	917	958	3.99	cps
Thallium	205-1	1834	1792	1650	1759	5.47	cps
Thorium	232-1	2645	2384	2500	2510	5.21	cps
Tin	118-1	3884	3676	3817	3792	2.81	cps
Titanium	47-1	275	267	275	272	1.77	cps
Uranium	238-1	2300	2025	2275	2200	6.91	cps
Vanadium	51-2	20	7	23	17	52.90	cps
Yttrium	89-1	28162597	27845726	27635610	27881311	0.95	cps
Yttrium	89-2	3850604	3830881	3910182	3863889	1.07	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:31:16	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	530	533	467	510	7.37	cps
Zirconium	90-1	1650	1717	2009	1792	10.64	cps
Zirconium	91-1	308	417	375	367	14.90	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4826	4709	4776	4770	1.23	cps
Antimony	121-1	36440	35613	34995	35683	2.03	cps
Arsenic	75-2	713	700	674	696	2.85	cps
Barium	135-1	48118	46479	47516	47371	1.75	cps
Barium	137-1	82245	82018	81036	81766	0.79	cps
Beryllium	9-1	4534	4423	4479	4479	1.24	cps
Bismuth	209-1	16465105	16380151	16270853	16372036	0.59	cps
Bismuth	209-2	9668288	9585119	9506411	9586606	0.84	cps
Boron	10-1	17945	18020	18604	18190	1.98	cps
Boron	11-1	83583	84900	87666	85383	2.44	cps
Cadmium	111-1	12382	12380	12122	12295	1.21	cps
Cadmium	106-1	9979	9670	9820	9823	1.57	cps
Cadmium	108-1	388	392	517	432	16.99	cps
Calcium	43-1	34015	33756	33606	33792	0.61	cps
Calcium	44-1	578490	579036	587811	581779	0.90	cps
Chromium	52-2	14364	14444	14557	14455	0.67	cps
Cobalt	59-2	11048	10848	11398	11098	2.51	cps
Copper	63-2	16643	16466	15999	16369	2.03	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Dysprosium	156-2	47	47	23	39	34.65	cps
Erbium	164-1	158	150	133	147	8.65	cps
Erbium	164-2	103	103	103	103	0.00	cps
Gadolinium	160-1	233	200	150	194	21.57	cps
Gadolinium	160-2	463	453	443	453	2.21	cps
Holmium	165-1	28014606	27734089	28034254	27927650	0.60	cps
Holmium	165-2	13982786	13862618	13990523	13945309	0.51	cps
Indium	115-1	26148123	26066565	26157965	26124218	0.19	cps
Indium	115-2	4948657	4973244	4951249	4957717	0.27	cps
Iron	56-2	307762	308729	303657	306716	0.88	cps
Iron	57-2	8147	8219	7858	8075	2.37	cps
Krypton	83-1	2564	2544	2544	2550	0.45	cps
Lead	206-1	13563	13541	13218	13440	1.44	cps
Lead	207-1	12278	12050	12729	12352	2.79	cps
Lead	208-1	55118	54284	54662	54688	0.76	cps
Lithium	6-1	6625321	6691063	6564005	6626796	0.96	cps
Magnesium	24-2	276506	280643	278748	278632	0.74	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4067	4127	4247	4147	2.21	cps
Molybdenum	94-1	43041	42189	42891	42707	1.07	cps
Molybdenum	95-1	52899	53359	54003	53420	1.04	cps
Molybdenum	96-1	59467	56671	59199	58446	2.64	cps
Molybdenum	97-1	33365	32571	33432	33123	1.45	cps
Molybdenum	98-1	83989	83579	82690	83419	0.80	cps
Neodymium	150-1	40	33	13	29	48.05	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	3274	2790	2974	3013	8.10	cps
Phosphorus	31-2	692	900	800	797	13.07	cps
Potassium	39-2	296119	295242	296892	296085	0.28	cps
Rhodium	103-1	24413969	24417734	24419242	24416982	0.01	cps
Rhodium	103-2	11422426	11369417	11129803	11307215	1.38	cps
Scandium	45-1	17345583	17416063	17548063	17436570	0.59	cps
Scandium	45-2	778421	777250	769463	775045	0.63	cps
Selenium	77-2	97	107	110	104	6.64	cps
Selenium	78-2	483	493	472	483	2.11	cps
Selenium	82-1	2498	2308	2510	2439	4.65	cps
Silicon	28-1	501317	511495	502501	505104	1.10	cps
Silver	109-1	28087	27244	27352	27561	1.66	cps
Silver	107-1	28881	28772	28747	28800	0.25	cps
Sodium	23-2	554551	552198	552638	553129	0.23	cps
Strontium	86-1	11347	11038	11188	11191	1.38	cps
Strontium	88-1	60563	61633	60437	60877	1.08	cps
Sulfur	34-1	586838	588663	586398	587300	0.20	cps
Terbium	159-1	30019470	29859877	29668916	29849421	0.59	cps
Terbium	159-2	14369792	14316083	14411713	14365862	0.33	cps
Thallium	203-1	16244	15485	15985	15905	2.43	cps
Thallium	205-1	38039	38022	38064	38042	0.06	cps
Thorium	232-1	48982	48139	48301	48474	0.92	cps
Tin	118-1	89594	89343	87331	88756	1.40	cps
Titanium	47-1	15968	15517	16118	15867	1.97	cps
Uranium	238-1	49429	47915	49889	49078	2.10	cps
Vanadium	51-2	27826	28040	27503	27790	0.97	cps
Yttrium	89-1	28391081	28191032	28343354	28308489	0.37	cps
Yttrium	89-2	3815786	3799094	3773601	3796160	0.56	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 18:34:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3907	3787	3997	3897	2.70	cps
Zirconium	90-1	35136	34484	33607	34409	2.23	cps
Zirconium	91-1	7527	7369	7686	7527	2.10	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2867	3276	3434	3192	9.16	cps
Antimony	121-1	1684	1775	2567	2009	24.19	cps
Arsenic	75-2	8936	8654	8882	8824	1.69	cps
Barium	135-1	140572	143832	141685	142030	1.17	cps
Barium	137-1	244845	243106	242443	243465	0.51	cps
Beryllium	9-1	39	83	94	72	40.71	cps
Bismuth	209-1	15199352	15276511	15369445	15281769	0.56	cps
Bismuth	209-2	8156709	8321388	8314960	8264352	1.13	cps
Boron	10-1	9912	9770	9537	9740	1.95	cps
Boron	11-1	50152	47535	47117	48268	3.41	cps
Cadmium	111-1	6420	6277	5935	6210	4.01	cps
Cadmium	106-1	8761	8461	8078	8433	4.06	cps
Cadmium	108-1	67	42	46	51	26.07	cps
Calcium	43-1	2691525	2668682	2670833	2677013	0.47	cps
Calcium	44-1	42881793	43227279	42482878	42863983	0.87	cps
Chromium	52-2	3287	3180	3527	3332	5.33	cps
Cobalt	59-2	1157	1017	1010	1061	7.81	cps
Copper	63-2	7412	7555	7542	7503	1.06	cps
Dysprosium	156-1	583	517	608	569	8.32	cps
Dysprosium	156-2	267	320	277	288	9.85	cps
Erbium	164-1	483	433	433	450	6.41	cps
Erbium	164-2	267	240	237	248	6.64	cps
Gadolinium	160-1	483	550	533	522	6.64	cps
Gadolinium	160-2	573	543	637	584	8.15	cps
Holmium	165-1	27729441	27881262	27226467	27612390	1.24	cps
Holmium	165-2	12933113	12855656	13028781	12939183	0.67	cps
Indium	115-1	25671125	25071187	25309984	25350766	1.19	cps
Indium	115-2	4487588	4449560	4503326	4480158	0.62	cps
Iron	56-2	13048867	13016011	13152815	13072564	0.55	cps
Iron	57-2	333783	328975	335761	332840	1.05	cps
Krypton	83-1	2527	2590	2760	2626	4.60	cps
Lead	206-1	2650	2795	2823	2756	3.36	cps
Lead	207-1	2373	2445	2511	2443	2.84	cps
Lead	208-1	9874	10274	10763	10304	4.32	cps
Lithium	6-1	5358563	5251411	5094405	5234793	2.54	cps
Magnesium	24-2	7545647	7603133	7636485	7595088	0.60	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	628497	634180	638953	633877	0.83	cps
Molybdenum	94-1	1934	1892	1984	1936	2.37	cps
Molybdenum	95-1	1508	1217	1292	1339	11.31	cps
Molybdenum	96-1	2025	2067	2150	2081	3.06	cps
Molybdenum	97-1	833	758	1050	881	17.20	cps
Molybdenum	98-1	2009	2067	1942	2006	3.12	cps
Neodymium	150-1	633	673	567	624	8.63	cps
Neodymium	150-2	240	213	223	226	5.97	cps
Nickel	60-2	910	807	790	836	7.78	cps
Phosphorus	31-2	158	233	283	225	27.96	cps
Potassium	39-2	1320324	1308038	1326810	1318390	0.72	cps
Rhodium	103-1	23126573	23202031	23015511	23114705	0.41	cps
Rhodium	103-2	10432919	10269832	10353875	10352209	0.79	cps
Scandium	45-1	16938404	16787479	16586921	16770934	1.05	cps
Scandium	45-2	755287	754640	760770	756899	0.44	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	144	130	135	136	5.49	cps
Selenium	82-1	167	58	-293	-23	-1060.22	cps
Silicon	28-1	26955309	26662091	26217427	26611609	1.40	cps
Silver	109-1	1358	1667	1592	1539	10.45	cps
Silver	107-1	1584	1667	1967	1739	11.59	cps
Sodium	23-2	92576062	92356112	93809950	92914042	0.84	cps
Strontium	86-1	1972020	1973960	1962359	1969446	0.32	cps
Strontium	88-1	17324768	17218759	17391194	17311574	0.50	cps
Sulfur	34-1	605411	596227	586450	596029	1.59	cps
Terbium	159-1	29699152	29257880	29619760	29525597	0.80	cps
Terbium	159-2	13104120	13059875	13209318	13124437	0.58	cps
Thallium	203-1	3234	2967	2725	2975	8.55	cps
Thallium	205-1	7236	6885	6043	6721	9.12	cps
Thorium	232-1	2956	3339	3273	3189	6.42	cps
Tin	118-1	3751	3792	4142	3895	5.52	cps
Titanium	47-1	1942	1867	1825	1878	3.15	cps
Uranium	238-1	18180	18890	18998	18689	2.38	cps
Vanadium	51-2	647	610	627	628	2.92	cps
Yttrium	89-1	27819140	27410380	27474229	27567916	0.80	cps
Yttrium	89-2	3564012	3556005	3574384	3564801	0.26	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:38:24	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2307	2300	2497	2368	4.72	cps
Zirconium	90-1	2867	3084	3402	3118	8.63	cps
Zirconium	91-1	700	583	617	633	9.49	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2767	2817	2742	2775	1.38	cps
Antimony	121-1	1600	1617	1925	1714	10.68	cps
Arsenic	75-2	8660	8836	8495	8664	1.97	cps
Barium	135-1	137198	139902	137797	138299	1.03	cps
Barium	137-1	238828	238313	232630	236590	1.45	cps
Beryllium	9-1	72	61	33	56	36.06	cps
Bismuth	209-1	14927074	14864994	15049638	14947235	0.63	cps
Bismuth	209-2	7979777	7963057	7893114	7945316	0.58	cps
Boron	10-1	8211	7677	7944	7944	3.36	cps
Boron	11-1	39052	39053	38777	38961	0.41	cps
Cadmium	111-1	6693	5858	5895	6149	7.67	cps
Cadmium	106-1	9178	7911	7961	8350	8.60	cps
Cadmium	108-1	75	42	46	54	33.53	cps
Calcium	43-1	2548892	2545124	2500322	2531446	1.07	cps
Calcium	44-1	41508304	41217935	40475954	41067398	1.30	cps
Chromium	52-2	2834	3030	2994	2953	3.54	cps
Cobalt	59-2	827	1107	987	973	14.43	cps
Copper	63-2	6718	6972	6745	6812	2.04	cps
Dysprosium	156-1	608	567	525	567	7.35	cps
Dysprosium	156-2	287	320	280	296	7.25	cps
Erbium	164-1	442	558	383	461	19.32	cps
Erbium	164-2	250	260	243	251	3.34	cps
Gadolinium	160-1	433	450	450	444	2.17	cps
Gadolinium	160-2	553	463	477	498	9.76	cps
Holmium	165-1	27025065	27476032	27324817	27275305	0.84	cps
Holmium	165-2	12438976	12583899	12385532	12469469	0.82	cps
Indium	115-1	25298037	24709613	24462315	24823322	1.73	cps
Indium	115-2	4345576	4324605	4262682	4310954	1.00	cps
Iron	56-2	12633662	12700350	12778245	12704086	0.57	cps
Iron	57-2	325996	326848	329225	327356	0.51	cps
Krypton	83-1	2610	2527	2474	2537	2.72	cps
Lead	206-1	2511	2539	2745	2598	4.91	cps
Lead	207-1	2117	2167	2456	2247	8.14	cps
Lead	208-1	9591	9702	10452	9915	4.73	cps
Lithium	6-1	4220113	3966288	3893067	4026489	4.26	cps
Magnesium	24-2	7363269	7427405	7325610	7372095	0.70	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	615321	619997	621578	618965	0.53	cps
Molybdenum	94-1	1617	1333	1675	1542	11.86	cps
Molybdenum	95-1	1025	1242	1408	1225	15.69	cps
Molybdenum	96-1	1609	1892	2017	1839	11.38	cps
Molybdenum	97-1	933	825	875	878	6.18	cps
Molybdenum	98-1	1942	1800	1800	1847	4.43	cps
Neodymium	150-1	673	560	567	600	10.60	cps
Neodymium	150-2	233	240	207	227	7.78	cps
Nickel	60-2	743	770	783	766	2.66	cps
Phosphorus	31-2	283	267	275	275	3.03	cps
Potassium	39-2	1293583	1286975	1289392	1289983	0.26	cps
Rhodium	103-1	22540666	22260342	22549190	22450066	0.73	cps
Rhodium	103-2	10112579	10078372	10016172	10069041	0.49	cps
Scandium	45-1	16175257	16077443	15589071	15947257	1.97	cps
Scandium	45-2	736473	739795	728490	734919	0.79	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	131	94	91	106	21.34	cps
Selenium	82-1	-92	113	-24	-1	-11568.15	cps
Silicon	28-1	23994319	23452974	23346588	23597960	1.47	cps
Silver	109-1	1150	1483	1684	1439	18.73	cps
Silver	107-1	1609	1458	1892	1653	13.32	cps
Sodium	23-2	91096571	91340315	90153731	90863539	0.69	cps
Strontium	86-1	1926448	1910898	1942576	1926641	0.82	cps
Strontium	88-1	16935539	16857818	16928057	16907138	0.25	cps
Sulfur	34-1	541546	524477	511338	525787	2.88	cps
Terbium	159-1	29403128	29555440	29077317	29345295	0.83	cps
Terbium	159-2	12924453	12836044	12785244	12848581	0.55	cps
Thallium	203-1	1533	1575	1467	1525	3.58	cps
Thallium	205-1	3484	3651	3317	3484	4.79	cps
Thorium	232-1	2773	2550	2995	2773	8.02	cps
Tin	118-1	3742	3951	3909	3867	2.85	cps
Titanium	47-1	1650	1909	1767	1775	7.29	cps
Uranium	238-1	17888	17922	18122	17977	0.70	cps
Vanadium	51-2	577	560	507	548	6.67	cps
Yttrium	89-1	27070489	26785001	27075076	26976855	0.62	cps
Yttrium	89-2	3431399	3459367	3457562	3449443	0.45	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:41:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2394	2227	2410	2344	4.33	cps
Zirconium	90-1	2275	2717	2959	2650	13.08	cps
Zirconium	91-1	675	725	708	703	3.63	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	533	800	628	23.80	cps
Antimony	121-1	292	433	400	375	19.75	cps
Arsenic	75-2	1719	1693	1821	1744	3.87	cps
Barium	135-1	28038	28321	28530	28296	0.87	cps
Barium	137-1	48060	48954	48302	48439	0.96	cps
Beryllium	9-1	67	67	67	67	0.00	cps
Bismuth	209-1	16423542	16537909	16492363	16484605	0.35	cps
Bismuth	209-2	9076665	9096292	9062194	9078384	0.19	cps
Boron	10-1	3000	2717	3192	2970	8.05	cps
Boron	11-1	14574	14649	14549	14591	0.36	cps
Cadmium	111-1	5800	6325	6019	6048	4.36	cps
Cadmium	106-1	8119	8803	8428	8450	4.05	cps
Cadmium	108-1	42	29	38	36	17.62	cps
Calcium	43-1	505491	498540	504576	502869	0.75	cps
Calcium	44-1	8172662	8192488	8153663	8172938	0.24	cps
Chromium	52-2	1637	1710	1677	1675	2.19	cps
Cobalt	59-2	280	210	227	239	15.31	cps
Copper	63-2	3050	3174	3277	3167	3.58	cps
Dysprosium	156-1	208	167	142	172	19.56	cps
Dysprosium	156-2	80	97	87	88	9.56	cps
Erbium	164-1	167	325	300	264	32.26	cps
Erbium	164-2	127	113	117	119	5.84	cps
Gadolinium	160-1	225	283	208	239	16.48	cps
Gadolinium	160-2	443	490	437	457	6.36	cps
Holmium	165-1	28836260	28750545	28676856	28754554	0.28	cps
Holmium	165-2	13460376	13564332	13468134	13497614	0.43	cps
Indium	115-1	25991419	26074686	25916748	25994284	0.30	cps
Indium	115-2	4645518	4658400	4658480	4654133	0.16	cps
Iron	56-2	2512467	2504337	2483335	2500046	0.60	cps
Iron	57-2	65201	65161	64838	65067	0.31	cps
Krypton	83-1	2394	2404	2670	2489	6.31	cps
Lead	206-1	1395	1511	1522	1476	4.80	cps
Lead	207-1	1522	1356	1272	1383	9.20	cps
Lead	208-1	5762	5756	5573	5697	1.89	cps
Lithium	6-1	5022007	4984789	5027893	5011563	0.47	cps
Magnesium	24-2	1409622	1415043	1411035	1411900	0.20	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	122240	122636	122797	122558	0.23	cps
Molybdenum	94-1	850	733	750	778	8.11	cps
Molybdenum	95-1	442	417	392	417	6.00	cps
Molybdenum	96-1	558	825	567	650	23.32	cps
Molybdenum	97-1	300	325	317	314	4.06	cps
Molybdenum	98-1	625	567	600	597	4.90	cps
Neodymium	150-1	133	127	100	120	14.70	cps
Neodymium	150-2	60	90	57	69	26.65	cps
Nickel	60-2	203	253	180	212	17.66	cps
Phosphorus	31-2	167	158	133	153	11.35	cps
Potassium	39-2	276604	276255	278111	276990	0.36	cps
Rhodium	103-1	24096338	24152002	23866222	24038187	0.63	cps
Rhodium	103-2	10791948	10785980	10826390	10801439	0.20	cps
Scandium	45-1	16363697	16350771	16267954	16327474	0.32	cps
Scandium	45-2	739905	742125	738610	740214	0.24	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	137	111	146	131	13.87	cps
Selenium	82-1	25	102	-254	-42	-441.26	cps
Silicon	28-1	5183510	5122418	5199298	5168408	0.79	cps
Silver	109-1	517	458	433	469	9.11	cps
Silver	107-1	700	700	667	689	2.79	cps
Sodium	23-2	17496155	17577179	17325600	17466311	0.74	cps
Strontium	86-1	386294	382566	383565	384142	0.50	cps
Strontium	88-1	3361899	3338032	3312918	3337617	0.73	cps
Sulfur	34-1	515477	518612	519874	517988	0.44	cps
Terbium	159-1	30934833	30260042	30642635	30612503	1.11	cps
Terbium	159-2	13794705	13706531	13777619	13759618	0.34	cps
Thallium	203-1	1083	1117	1025	1075	4.32	cps
Thallium	205-1	1917	1492	1567	1659	13.68	cps
Thorium	232-1	2234	2500	2278	2337	6.11	cps
Tin	118-1	2950	3134	2784	2956	5.92	cps
Titanium	47-1	583	492	475	517	11.29	cps
Uranium	238-1	5368	5235	5393	5332	1.60	cps
Vanadium	51-2	183	133	177	164	16.51	cps
Yttrium	89-1	27864110	27865365	27595743	27775072	0.56	cps
Yttrium	89-2	3579168	3576945	3595491	3583868	0.28	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	S49-0539LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-17 18:45:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	893	870	957	907	4.95	cps
Zirconium	90-1	1592	1992	1900	1828	11.47	cps
Zirconium	91-1	433	317	300	350	20.76	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425024	426227	426818	426023	0.21	cps
Antimony	121-1	1845633	1853646	1861345	1853541	0.42	cps
Arsenic	75-2	74277	72424	73728	73476	1.30	cps
Barium	135-1	2402347	2408992	2429713	2413684	0.59	cps
Barium	137-1	4220307	4243523	4230157	4231329	0.28	cps
Beryllium	9-1	301153	292974	291138	295088	1.81	cps
Bismuth	209-1	15060274	15152084	14829347	15013902	1.11	cps
Bismuth	209-2	7973181	7809080	7844309	7875523	1.10	cps
Boron	10-1	52787	53900	53305	53331	1.04	cps
Boron	11-1	266328	255514	258774	260205	2.13	cps
Cadmium	111-1	544103	542960	537663	541575	0.63	cps
Cadmium	106-1	64649	64725	65996	65123	1.16	cps
Cadmium	108-1	39292	39702	39898	39631	0.78	cps
Calcium	43-1	3113744	3045875	3089545	3083055	1.12	cps
Calcium	44-1	49677997	48897519	49016592	49197369	0.85	cps
Chromium	52-2	608078	614535	615635	612750	0.67	cps
Cobalt	59-2	997286	1001496	1011544	1003442	0.73	cps
Copper	63-2	1394937	1415212	1419397	1409849	0.93	cps
Dysprosium	156-1	500	575	592	556	8.79	cps
Dysprosium	156-2	323	307	273	301	8.45	cps
Erbium	164-1	383	392	433	403	6.65	cps
Erbium	164-2	290	263	260	271	6.07	cps
Gadolinium	160-1	608	550	517	558	8.31	cps
Gadolinium	160-2	540	577	597	571	5.03	cps
Holmium	165-1	27938043	28108044	27489463	27845183	1.15	cps
Holmium	165-2	12456818	12240764	12318267	12338616	0.89	cps
Indium	115-1	24599975	24035965	24190892	24275611	1.20	cps
Indium	115-2	4220243	4207755	4234148	4220716	0.31	cps
Iron	56-2	38465644	38377637	38630236	38491172	0.33	cps
Iron	57-2	949744	959184	959753	956227	0.59	cps
Krypton	83-1	2504	2460	2590	2518	2.63	cps
Lead	206-1	1213191	1223157	1209739	1215363	0.57	cps
Lead	207-1	1115849	1116984	1122162	1118331	0.30	cps
Lead	208-1	5027836	4995231	5006789	5009952	0.33	cps
Lithium	6-1	3946391	3756508	3725124	3809341	3.14	cps
Magnesium	24-2	12403502	12413005	12329693	12382066	0.37	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1329424	1338701	1344968	1337698	0.58	cps
Molybdenum	94-1	3910077	3942509	3920828	3924472	0.42	cps
Molybdenum	95-1	4845625	4878004	4874229	4865953	0.36	cps
Molybdenum	96-1	5329757	5387316	5334333	5350469	0.60	cps
Molybdenum	97-1	3005807	3066261	3039990	3037353	1.00	cps
Molybdenum	98-1	7812744	7861963	7786766	7820491	0.49	cps
Neodymium	150-1	860	933	747	847	11.11	cps
Neodymium	150-2	250	277	223	250	10.67	cps
Nickel	60-2	265313	266264	268892	266823	0.69	cps
Phosphorus	31-2	217	233	283	244	14.19	cps
Potassium	39-2	3638330	3648601	3686531	3657821	0.69	cps
Rhodium	103-1	22003632	21730744	21854134	21862837	0.63	cps
Rhodium	103-2	9878581	9731960	9827260	9812600	0.76	cps
Scandium	45-1	15456121	14978210	15022431	15152254	1.74	cps
Scandium	45-2	720210	719100	718237	719182	0.14	cps
Selenium	77-2	1780	1757	1750	1762	0.89	cps
Selenium	78-2	5909	5972	5851	5911	1.02	cps
Selenium	82-1	43068	42191	42345	42534	1.10	cps
Silicon	28-1	24890121	23834084	23532643	24085616	2.96	cps
Silver	109-1	2276983	2261247	2256340	2264856	0.48	cps
Silver	107-1	2371117	2368405	2367247	2368923	0.08	cps
Sodium	23-2	99464317	100005940	99641833	99704030	0.28	cps
Strontium	86-1	2562466	2556401	2573414	2564094	0.34	cps
Strontium	88-1	22358877	22366289	22321918	22349028	0.11	cps
Sulfur	34-1	525957	506375	498111	510147	2.80	cps
Terbium	159-1	29040665	29074565	29427166	29180799	0.73	cps
Terbium	159-2	12632774	12596085	12796674	12675178	0.84	cps
Thallium	203-1	1525463	1540116	1496132	1520570	1.47	cps
Thallium	205-1	3575903	3599663	3555666	3577077	0.62	cps
Thorium	232-1	3717	3667	3973	3786	4.33	cps
Tin	118-1	1655860	1649143	1676735	1660579	0.87	cps
Titanium	47-1	1356079	1348271	1353040	1352463	0.29	cps
Uranium	238-1	4879497	4845030	4825683	4850070	0.56	cps
Vanadium	51-2	487245	494047	486210	489167	0.87	cps
Yttrium	89-1	26253094	26330903	26398084	26327360	0.28	cps
Yttrium	89-2	3372526	3379850	3348817	3367064	0.48	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-03DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:49:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203381	202846	204949	203725	0.54	cps
Zirconium	90-1	3184738	3195033	3214976	3198249	0.48	cps
Zirconium	91-1	707334	700732	708509	705525	0.59	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415996	413454	416595	415348	0.40	cps
Antimony	121-1	1913047	1878460	1859409	1883638	1.44	cps
Arsenic	75-2	72010	72260	72714	72328	0.49	cps
Barium	135-1	2477594	2457472	2429947	2455004	0.97	cps
Barium	137-1	4262271	4288945	4235738	4262318	0.62	cps
Beryllium	9-1	292787	286830	279369	286329	2.35	cps
Bismuth	209-1	15386014	15018502	15215916	15206811	1.21	cps
Bismuth	209-2	7800883	7983471	7878374	7887576	1.16	cps
Boron	10-1	51959	51834	51550	51781	0.41	cps
Boron	11-1	254649	252704	253883	253745	0.39	cps
Cadmium	111-1	546801	547404	546247	546818	0.11	cps
Cadmium	106-1	64782	66616	64950	65449	1.55	cps
Cadmium	108-1	39000	40078	39614	39564	1.37	cps
Calcium	43-1	3028427	3071683	3002570	3034227	1.15	cps
Calcium	44-1	48887181	49288088	48174373	48783214	1.16	cps
Chromium	52-2	599591	604129	594961	599561	0.76	cps
Cobalt	59-2	993599	989964	998010	993857	0.41	cps
Copper	63-2	1381026	1376166	1382869	1380020	0.25	cps
Dysprosium	156-1	658	633	525	606	11.71	cps
Dysprosium	156-2	293	313	317	308	4.10	cps
Erbium	164-1	408	458	458	442	6.54	cps
Erbium	164-2	233	243	197	224	10.95	cps
Gadolinium	160-1	417	500	600	506	18.16	cps
Gadolinium	160-2	533	527	480	513	5.66	cps
Holmium	165-1	27669958	27959386	27651578	27760307	0.62	cps
Holmium	165-2	12264347	12414191	12204393	12294310	0.88	cps
Indium	115-1	24158302	24183469	24155601	24165791	0.06	cps
Indium	115-2	4147894	4203386	4132399	4161226	0.90	cps
Iron	56-2	37681874	37843758	37655663	37727099	0.27	cps
Iron	57-2	934338	939108	946595	940014	0.66	cps
Krypton	83-1	2297	2227	2544	2356	7.06	cps
Lead	206-1	1264959	1238883	1250585	1251476	1.04	cps
Lead	207-1	1154730	1140065	1145471	1146755	0.65	cps
Lead	208-1	5215567	5127612	5154148	5165776	0.87	cps
Lithium	6-1	3719491	3554518	3440782	3571597	3.92	cps
Magnesium	24-2	12108278	12060204	11931288	12033257	0.76	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1303207	1320470	1306931	1310203	0.69	cps
Molybdenum	94-1	3993951	3964877	3936833	3965220	0.72	cps
Molybdenum	95-1	4906356	4948363	4800786	4885169	1.56	cps
Molybdenum	96-1	5434278	5430245	5260298	5374940	1.85	cps
Molybdenum	97-1	3031280	3051025	2991325	3024543	1.01	cps
Molybdenum	98-1	7804253	7918316	7771079	7831216	0.99	cps
Neodymium	150-1	773	760	867	800	7.27	cps
Neodymium	150-2	240	237	237	238	0.81	cps
Nickel	60-2	265841	260590	261819	262750	1.05	cps
Phosphorus	31-2	292	200	242	244	18.78	cps
Potassium	39-2	3552826	3572615	3537513	3554318	0.50	cps
Rhodium	103-1	21665791	22083073	21712352	21820405	1.05	cps
Rhodium	103-2	9804537	9717426	9668995	9730319	0.71	cps
Scandium	45-1	14933187	14950263	14828206	14903885	0.44	cps
Scandium	45-2	694100	696159	692283	694181	0.28	cps
Selenium	77-2	1760	1773	1717	1750	1.69	cps
Selenium	78-2	5994	6064	5873	5977	1.61	cps
Selenium	82-1	42809	42840	42321	42657	0.68	cps
Silicon	28-1	23093698	23020990	23208867	23107852	0.41	cps
Silver	109-1	2291477	2303922	2278945	2291448	0.54	cps
Silver	107-1	2409240	2405993	2361834	2392356	1.11	cps
Sodium	23-2	99520081	98283336	96338456	98047291	1.64	cps
Strontium	86-1	2564197	2555435	2535308	2551646	0.58	cps
Strontium	88-1	22094567	22322532	22271641	22229580	0.54	cps
Sulfur	34-1	464783	457065	457642	459830	0.94	cps
Terbium	159-1	29609575	29134655	29337749	29360660	0.81	cps
Terbium	159-2	12440620	12551945	12579014	12523860	0.59	cps
Thallium	203-1	1552399	1570069	1541744	1554737	0.92	cps
Thallium	205-1	3684878	3670999	3637358	3664412	0.67	cps
Thorium	232-1	3345	3567	3634	3515	4.30	cps
Tin	118-1	1689488	1669238	1686301	1681676	0.65	cps
Titanium	47-1	1321410	1345443	1331408	1332754	0.91	cps
Uranium	238-1	5103123	5002156	4990263	5031847	1.23	cps
Vanadium	51-2	484918	477062	479723	480568	0.83	cps
Yttrium	89-1	26099135	26111040	25916570	26042249	0.42	cps
Yttrium	89-2	3346286	3293074	3293959	3311106	0.92	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:52:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199416	200589	202108	200705	0.67	cps
Zirconium	90-1	3267631	3216711	3161236	3215192	1.66	cps
Zirconium	91-1	724883	715685	705722	715430	1.34	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416919	414148	415318	415461	0.33	cps
Antimony	121-1	1875513	1873180	1877300	1875331	0.11	cps
Arsenic	75-2	72801	72509	71746	72352	0.75	cps
Barium	135-1	2468211	2450136	2468690	2462346	0.43	cps
Barium	137-1	4264550	4242122	4303816	4270163	0.73	cps
Beryllium	9-1	290957	285120	281387	285821	1.69	cps
Bismuth	209-1	15878039	15575851	15516671	15656854	1.24	cps
Bismuth	209-2	8107017	8129300	8121784	8119367	0.14	cps
Boron	10-1	51943	52553	51383	51959	1.13	cps
Boron	11-1	262543	257829	250760	257044	2.31	cps
Cadmium	111-1	551770	555913	550456	552713	0.52	cps
Cadmium	106-1	65185	67110	66273	66189	1.46	cps
Cadmium	108-1	39297	39639	40128	39688	1.05	cps
Calcium	43-1	3010477	2952453	3013049	2991993	1.15	cps
Calcium	44-1	48768439	47602893	48091873	48154401	1.22	cps
Chromium	52-2	597292	605383	598864	600513	0.71	cps
Cobalt	59-2	989263	985072	981483	985273	0.40	cps
Copper	63-2	1380914	1388443	1375605	1381654	0.47	cps
Dysprosium	156-1	667	725	600	664	9.42	cps
Dysprosium	156-2	340	307	303	317	6.40	cps
Erbium	164-1	483	500	567	517	8.54	cps
Erbium	164-2	240	250	240	243	2.37	cps
Gadolinium	160-1	450	483	642	525	19.50	cps
Gadolinium	160-2	573	620	583	592	4.15	cps
Holmium	165-1	28169076	28193466	28274949	28212497	0.20	cps
Holmium	165-2	12594692	12596780	12404313	12531929	0.88	cps
Indium	115-1	24535367	24587508	24670057	24597644	0.28	cps
Indium	115-2	4222275	4170101	4159585	4183987	0.80	cps
Iron	56-2	37782730	37578370	37212556	37524552	0.77	cps
Iron	57-2	934089	934796	935494	934793	0.08	cps
Krypton	83-1	2474	2487	2384	2448	2.30	cps
Lead	206-1	1263166	1277632	1282172	1274323	0.78	cps
Lead	207-1	1156257	1160926	1173843	1163676	0.78	cps
Lead	208-1	5253854	5235506	5246021	5245127	0.18	cps
Lithium	6-1	3796950	3547361	3526142	3623484	4.16	cps
Magnesium	24-2	11833003	11926797	11906618	11888806	0.42	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1309806	1305738	1303751	1306432	0.24	cps
Molybdenum	94-1	3933850	3873639	3965580	3924356	1.19	cps
Molybdenum	95-1	4834354	4842048	4980768	4885723	1.69	cps
Molybdenum	96-1	5408642	5338189	5492966	5413265	1.43	cps
Molybdenum	97-1	3031444	3030177	3032302	3031307	0.04	cps
Molybdenum	98-1	7862980	7869882	7774705	7835856	0.68	cps
Neodymium	150-1	833	760	773	789	4.95	cps
Neodymium	150-2	237	247	237	240	2.41	cps
Nickel	60-2	265012	266150	263027	264730	0.60	cps
Phosphorus	31-2	317	358	233	303	21.02	cps
Potassium	39-2	3519700	3542226	3524731	3528886	0.34	cps
Rhodium	103-1	21956615	22036671	22057718	22017002	0.24	cps
Rhodium	103-2	9885552	9836013	9835849	9852472	0.29	cps
Scandium	45-1	15084856	14925816	14601770	14870814	1.66	cps
Scandium	45-2	696461	700465	698260	698395	0.29	cps
Selenium	77-2	1727	1730	1803	1753	2.47	cps
Selenium	78-2	6094	6012	5794	5967	2.60	cps
Selenium	82-1	42657	42666	42346	42556	0.43	cps
Silicon	28-1	23704362	23249882	22684180	23212808	2.20	cps
Silver	109-1	2255580	2298791	2298689	2284353	1.09	cps
Silver	107-1	2351662	2377979	2405398	2378347	1.13	cps
Sodium	23-2	96705919	97674411	96954454	97111595	0.52	cps
Strontium	86-1	2542034	2578160	2539308	2553167	0.85	cps
Strontium	88-1	22524296	22199990	22340649	22354978	0.73	cps
Sulfur	34-1	460141	445465	439463	448356	2.37	cps
Terbium	159-1	29723999	30070949	30060605	29951851	0.66	cps
Terbium	159-2	12831648	12917956	12766557	12838721	0.59	cps
Thallium	203-1	1609648	1586400	1561945	1585998	1.50	cps
Thallium	205-1	3797187	3720597	3711409	3743064	1.26	cps
Thorium	232-1	3284	3067	3262	3204	3.72	cps
Tin	118-1	1681609	1687728	1689010	1686115	0.23	cps
Titanium	47-1	1348452	1332375	1305442	1328756	1.64	cps
Uranium	238-1	5102449	5130973	5107340	5113587	0.30	cps
Vanadium	51-2	479045	480361	474466	477957	0.65	cps
Yttrium	89-1	26467223	26397838	26291238	26385433	0.34	cps
Yttrium	89-2	3312244	3332621	3304593	3316486	0.44	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	K5157-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	S49-0539ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-10-17 18:56:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199922	202508	199872	200767	0.75	cps
Zirconium	90-1	3203318	3204890	3196739	3201649	0.14	cps
Zirconium	91-1	702029	704672	712976	706559	0.81	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10850678	10873449	10813224	10845784	0.28	cps
Antimony	121-1	8693865	8727003	8707967	8709612	0.19	cps
Arsenic	75-2	296375	296718	299144	297412	0.51	cps
Barium	135-1	11019269	11075747	11012009	11035675	0.32	cps
Barium	137-1	19147459	19311194	19276284	19244979	0.45	cps
Beryllium	9-1	1762681	1731741	1727276	1740566	1.11	cps
Bismuth	209-1	15337359	15068717	15018041	15141372	1.13	cps
Bismuth	209-2	8359576	8306070	8265813	8310486	0.57	cps
Boron	10-1	269512	275086	269250	271282	1.22	cps
Boron	11-1	1282567	1305095	1321324	1302995	1.49	cps
Cadmium	111-1	2501207	2528621	2561360	2530396	1.19	cps
Cadmium	106-1	277809	279519	283223	280184	0.99	cps
Cadmium	108-1	185504	188964	187836	187435	0.94	cps
Calcium	43-1	14236270	14348581	14455078	14346643	0.76	cps
Calcium	44-1	227951680	228693313	230157488	228934161	0.49	cps
Chromium	52-2	2969135	2976804	2976370	2974103	0.14	cps
Cobalt	59-2	4607723	4629698	4620628	4619350	0.24	cps
Copper	63-2	6821278	6784761	6878385	6828141	0.69	cps
Dysprosium	156-1	267	208	150	208	28.00	cps
Dysprosium	156-2	247	300	253	267	10.90	cps
Erbium	164-1	233	208	200	214	8.11	cps
Erbium	164-2	117	87	147	117	25.71	cps
Gadolinium	160-1	183	300	225	236	25.04	cps
Gadolinium	160-2	373	430	427	410	7.75	cps
Holmium	165-1	28285438	28175255	28313267	28257987	0.26	cps
Holmium	165-2	13444094	13398069	13422965	13421709	0.17	cps
Indium	115-1	23336515	23182518	23532384	23350472	0.75	cps
Indium	115-2	4251181	4310269	4287193	4282881	0.70	cps
Iron	56-2	595543502	598589169	600453391	598195354	0.41	cps
Iron	57-2	14669990	14659468	14755737	14695065	0.36	cps
Krypton	83-1	2210	2250	2487	2316	6.46	cps
Lead	206-1	6053642	6073104	6053918	6060221	0.18	cps
Lead	207-1	5458313	5464456	5437365	5453378	0.26	cps
Lead	208-1	24946326	24798224	24592435	24778995	0.72	cps
Lithium	6-1	5530731	5441490	5454218	5475479	0.88	cps
Magnesium	24-2	117605003	117519311	117797469	117640594	0.12	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3391942	3380530	3397553	3390008	0.26	cps
Molybdenum	94-1	19417749	19456305	19661472	19511842	0.67	cps
Molybdenum	95-1	23998141	23957007	24282712	24079287	0.74	cps
Molybdenum	96-1	26710352	26515334	26795452	26673713	0.54	cps
Molybdenum	97-1	15083478	14892669	14888086	14954744	0.75	cps
Molybdenum	98-1	38799733	38535785	38737068	38690862	0.36	cps
Neodymium	150-1	700	820	853	791	10.19	cps
Neodymium	150-2	107	93	87	96	10.66	cps
Nickel	60-2	1209999	1210995	1208413	1209803	0.11	cps
Phosphorus	31-2	119064	120468	117553	119029	1.22	cps
Potassium	39-2	56795974	56992135	56871114	56886408	0.17	cps
Rhodium	103-1	20609400	20498115	20673836	20593784	0.43	cps
Rhodium	103-2	9375461	9364599	9401645	9380568	0.20	cps
Scandium	45-1	15127971	15208330	15437836	15258045	1.05	cps
Scandium	45-2	710319	706349	709450	708706	0.29	cps
Selenium	77-2	8676	8496	8506	8559	1.18	cps
Selenium	78-2	28573	28478	29131	28727	1.23	cps
Selenium	82-1	194987	196487	196898	196124	0.51	cps
Silicon	28-1	5959607	5994443	6108758	6020936	1.30	cps
Silver	109-1	11280779	11360397	11277551	11306242	0.42	cps
Silver	107-1	11771487	11852169	11769403	11797686	0.40	cps
Sodium	23-2	233448322	236960764	235176714	235195266	0.75	cps
Strontium	86-1	3101747	3099967	3160746	3120820	1.11	cps
Strontium	88-1	27504327	27696243	27661261	27620610	0.37	cps
Sulfur	34-1	1527769	1513443	1520335	1520516	0.47	cps
Terbium	159-1	29940870	29638112	29794077	29791020	0.51	cps
Terbium	159-2	13667399	13634512	13454809	13585573	0.84	cps
Thallium	203-1	7696194	7618816	7511305	7608772	1.22	cps
Thallium	205-1	18033622	17957605	17771389	17920872	0.75	cps
Thorium	232-1	27523728	27034442	26454199	27004123	1.98	cps
Tin	118-1	7655001	7652220	7721209	7676143	0.51	cps
Titanium	47-1	6615412	6591142	6639981	6615511	0.37	cps
Uranium	238-1	26007924	25856728	25199562	25688071	1.67	cps
Vanadium	51-2	2370289	2391931	2393585	2385268	0.54	cps
Yttrium	89-1	25753362	25764576	26056514	25858151	0.66	cps
Yttrium	89-2	3413883	3428872	3468942	3437232	0.83	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:05:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	989282	989120	997319	991907	0.47	cps
Zirconium	90-1	16260433	16304132	16501342	16355302	0.78	cps
Zirconium	91-1	3571876	3595762	3639257	3602298	0.95	cps

LB Number : LB105778 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P7
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-17 19:09:41 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	433	317	411	20.80	cps
Antimony	121-1	5235	5943	6102	5760	8.02	cps
Arsenic	75-2	43	35	35	38	11.35	cps
Barium	135-1	1042	800	633	825	24.89	cps
Barium	137-1	1884	1275	1175	1445	26.54	cps
Beryllium	9-1	283	322	239	281	14.81	cps
Bismuth	209-1	17195803	16660789	17121561	16992718	1.71	cps
Bismuth	209-2	9672189	9706206	9716414	9698270	0.24	cps
Boron	10-1	7586	7244	6969	7266	4.25	cps
Boron	11-1	36170	34307	35995	35490	2.90	cps
Cadmium	111-1	6463	6754	6369	6529	3.07	cps
Cadmium	106-1	8661	8953	8661	8759	1.92	cps
Cadmium	108-1	42	38	63	47	28.36	cps
Calcium	43-1	1842	1492	992	1442	29.63	cps
Calcium	44-1	49669	45137	41936	45581	8.52	cps
Chromium	52-2	1167	1270	1257	1231	4.57	cps
Cobalt	59-2	340	320	213	291	23.39	cps
Copper	63-2	2597	2424	2290	2437	6.31	cps
Dysprosium	156-1	25	42	83	50	60.09	cps
Dysprosium	156-2	23	40	17	27	45.07	cps
Erbium	164-1	183	142	200	175	17.17	cps
Erbium	164-2	70	97	77	81	17.11	cps
Gadolinium	160-1	108	175	208	164	31.07	cps
Gadolinium	160-2	440	460	363	421	12.12	cps
Holmium	165-1	28747399	28620508	28622284	28663397	0.25	cps
Holmium	165-2	14112040	14017361	13976275	14035226	0.50	cps
Indium	115-1	26350747	25892325	26098575	26113882	0.88	cps
Indium	115-2	4744692	4786214	4763014	4764640	0.44	cps
Iron	56-2	37164	33049	29976	33396	10.80	cps
Iron	57-2	1183	1083	1067	1111	5.68	cps
Krypton	83-1	2360	2284	2240	2295	2.65	cps
Lead	206-1	2250	2473	1961	2228	11.50	cps
Lead	207-1	2061	1761	1856	1893	8.11	cps
Lead	208-1	8412	8162	7734	8103	4.23	cps
Lithium	6-1	6034860	5939564	5921553	5965326	1.02	cps
Magnesium	24-2	4884	4543	4167	4531	7.91	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:09:41	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	183	190	181	5.62	cps
Molybdenum	94-1	3492	3392	3326	3403	2.47	cps
Molybdenum	95-1	3934	3517	3442	3631	7.30	cps
Molybdenum	96-1	4993	4076	4401	4490	10.35	cps
Molybdenum	97-1	2609	2567	2459	2545	3.04	cps
Molybdenum	98-1	6093	5693	5243	5676	7.50	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	107	87	113	102	13.58	cps
Phosphorus	31-2	125	225	175	175	28.57	cps
Potassium	39-2	42863	42696	42177	42579	0.84	cps
Rhodium	103-1	24204122	24085059	24048499	24112560	0.34	cps
Rhodium	103-2	10968624	11043414	11074443	11028827	0.49	cps
Scandium	45-1	16768429	16460984	16378926	16536113	1.24	cps
Scandium	45-2	737496	728860	735278	733878	0.61	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	117	154	102	124	21.53	cps
Selenium	82-1	119	143	197	153	26.18	cps
Silicon	28-1	344087	344214	342508	343603	0.28	cps
Silver	109-1	1575	1117	1083	1258	21.84	cps
Silver	107-1	1692	1200	1133	1342	22.73	cps
Sodium	23-2	57495	55370	53554	55473	3.56	cps
Strontium	86-1	4368	3934	4334	4212	5.73	cps
Strontium	88-1	3142	2567	2084	2598	20.40	cps
Sulfur	34-1	476687	486223	482031	481647	0.99	cps
Terbium	159-1	30896475	30364654	30796623	30685917	0.92	cps
Terbium	159-2	14129349	14075066	14213087	14139167	0.49	cps
Thallium	203-1	3251	3009	2559	2939	11.95	cps
Thallium	205-1	7177	6418	5927	6507	9.68	cps
Thorium	232-1	7063	6702	6969	6911	2.71	cps
Tin	118-1	5410	5518	5376	5435	1.36	cps
Titanium	47-1	1008	900	808	906	11.06	cps
Uranium	238-1	4326	4134	3742	4068	7.31	cps
Vanadium	51-2	100	127	97	108	15.26	cps
Yttrium	89-1	28003306	27652231	27509066	27721535	0.92	cps
Yttrium	89-2	3613459	3636060	3627973	3625831	0.32	cps

LB Number :	LB105778	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-10-17 19:09:41	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	553	607	483	548	11.29	cps
Zirconium	90-1	3651	3501	3526	3559	2.26	cps
Zirconium	91-1	858	700	667	742	13.81	cps