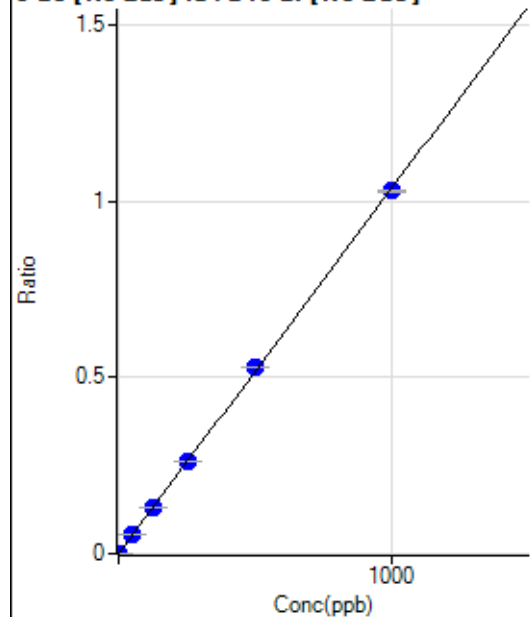


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072220 MS.b\
Analysis File: P8072220 MS.batch.bin
DA Date-Time: 2020-07-31 13:21:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-07-22 13:21:24
2	007CAL.S.d	S02	2020-07-22 13:27:40
3	008CAL.S.d	S03	2020-07-22 13:30:50
4	009CAL.S.d	S04	2020-07-22 13:33:56
5	010CAL.S.d	S05	2020-07-22 13:37:01
6	011CAL.S.d	S06	2020-07-22 13:39:59
7	012CAL.S.d	S07	2020-07-22 13:43:00
8	013CAL.S.d	S08	2020-07-22 13:45:58

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.65	0.0001	P	23.8
2	☐	1.000	1.004	894.52	0.0011	P	5.9
3	☐	50.000	50.678	44390.89	0.0525	P	1.5
4	☐	125.000	126.239	110622.56	0.1307	P	0.4
5	☐	250.000	251.466	219711.59	0.2603	P	0.5
6	☐	500.000	511.161	431095.76	0.5291	P	0.2
7	☐	1000.000	993.864	861328.90	1.0286	P	0.2
8	☐			218.63	0.0003	P	5.2

$$y = 0.0010 * x + 8.0519E-005$$

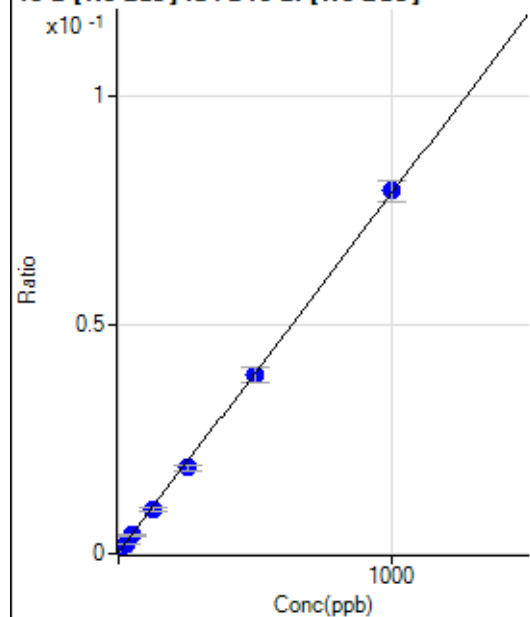
$$R = 0.9999$$

$$DL = 0.05546$$

$$BEC = 0.0778$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	267.95	0.0003	P	11.1
2	☐	25.000	24.100	1765.76	0.0022	P	7.1
3	☐	50.000	48.124	3455.73	0.0041	P	7.3
4	☐	125.000	118.442	8117.99	0.0096	P	6.6
5	☐	250.000	234.600	15772.65	0.0187	P	7.0
6	☐	500.000	495.238	31854.79	0.0391	P	8.2
7	☐	1000.000	1007.167	66292.55	0.0792	P	6.0
8	☐			10326.95	0.0124	P	8.4

$$y = 7.8274E-005 * x + 3.2356E-004$$

$$R = 0.9999$$

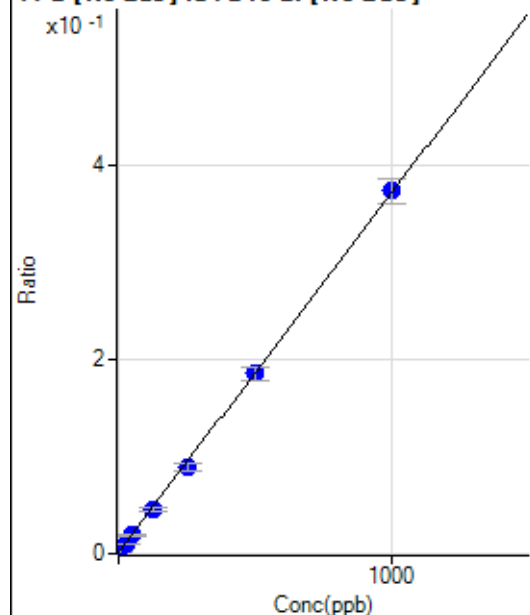
$$DL = 1.376$$

$$BEC = 4.134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1301.81	0.0016	P	3.0
2	☐	25.000	22.785	7997.95	0.0100	P	8.8
3	☐	50.000	47.106	16068.29	0.0190	P	9.0
4	☐	125.000	119.658	38836.74	0.0459	P	7.9
5	☐	250.000	236.391	75241.80	0.0891	P	7.6
6	☐	500.000	496.659	151217.19	0.1856	P	7.6
7	☐	1000.000	1005.941	313392.56	0.3742	P	7.1
8	☐			49151.99	0.0591	P	6.5

$$y = 3.7044\text{E-}004 * x + 0.0016$$

$$R = 0.9999$$

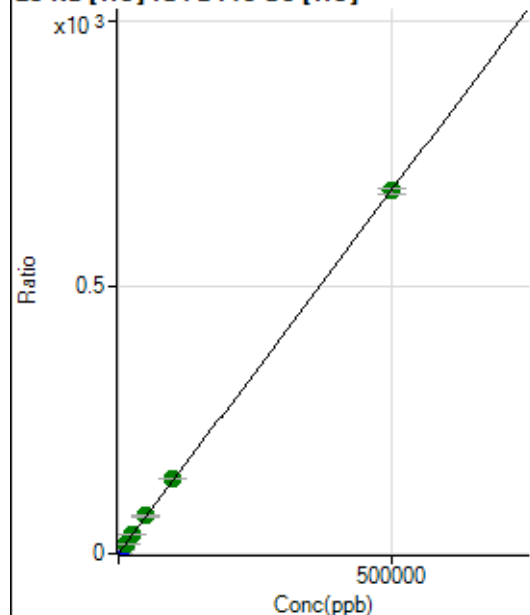
$$DL = 0.3875$$

$$BEC = 4.246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50237.22	0.4736	P	2.5
2	☐	500.000	491.506	116776.27	1.1426	P	0.5
3	☐	5000.000	5408.446	805666.80	7.8348	P	3.5
4	☐	12500.000	13182.682	1892738.61	18.4160	A	0.6
5	☐	25000.000	25462.207	3678484.20	35.1291	A	2.6
6	☐	50000.000	51975.751	7250580.11	71.2155	A	2.7
7	☐	100000.00	102106.21	14301449.80	139.4459	A	0.3
8	☐	500000.00	499336.92	67566022.34	680.0991	A	1.5

$$y = 0.0014 * x + 0.4736$$

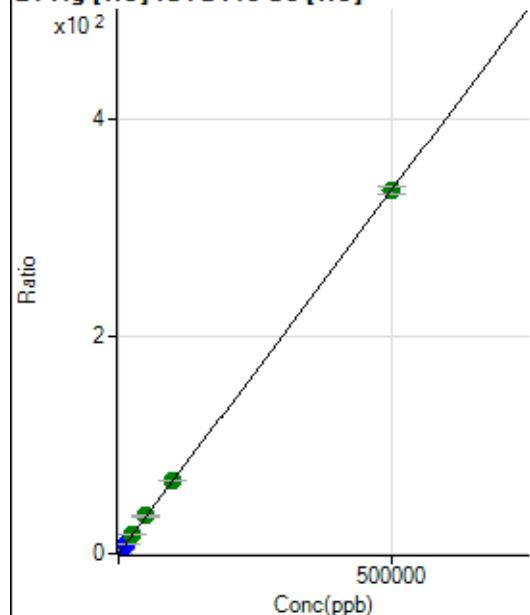
$$R = 1.0000$$

$$DL = 26.03$$

$$BEC = 348$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1666.82	0.0157	P	6.3
2	☐	500.000	475.943	34112.67	0.3338	P	2.5
3	☐	5000.000	5451.471	376232.84	3.6589	P	3.7
4	☐	12500.000	13351.020	918536.62	8.9380	P	0.7
5	☐	25000.000	25825.281	1808651.84	17.2744	A	3.0
6	☐	50000.000	52060.140	3543789.97	34.8068	A	2.5
7	☐	100000.00	101512.01	6958891.30	67.8548	A	0.7
8	☐	500000.00	499424.55	33156832.34	333.7742	A	2.2

$$y = 6.6829\text{E-}004 * x + 0.0157$$

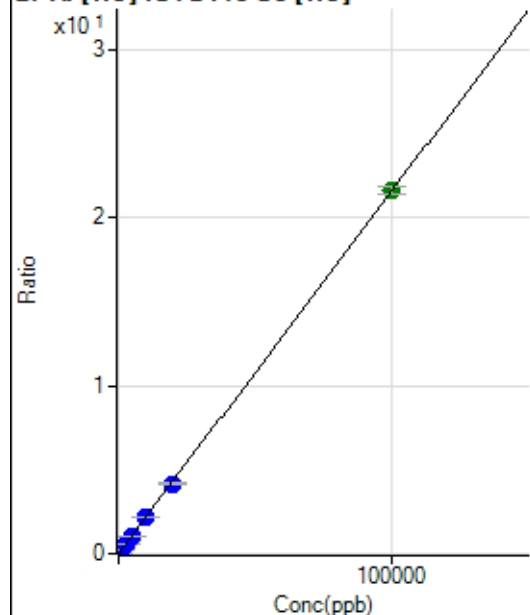
$$R = 1.0000$$

$$DL = 4.463$$

$$BEC = 23.51$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	896.52	0.0084	P	1.8
2	☐	20.000	21.501	1337.13	0.0131	P	1.4
3	☐	1000.000	1007.832	23203.82	0.2257	P	3.9
4	☐	2500.000	2489.513	56012.46	0.5450	P	0.1
5	☐	5000.000	4846.403	110243.47	1.0530	P	3.5
6	☐	10000.000	9921.237	218585.47	2.1468	P	1.3
7	☐	20000.000	19333.608	428213.17	4.1754	P	0.5
8	☐	100000.00	100149.01	2145143.94	21.5934	A	2.1

$$y = 2.1553\text{E-}004 * x + 0.0084$$

$$R = 1.0000$$

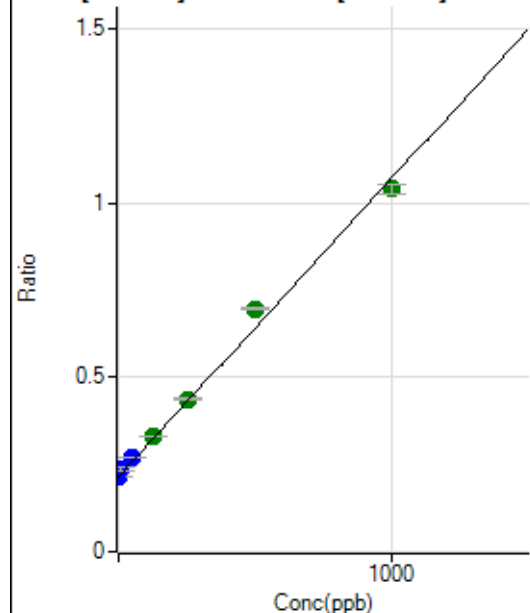
$$DL = 2.139$$

$$BEC = 39.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	654218.51	0.2151	P	0.6
2	☐	10.000	26.140	688319.44	0.2375	P	3.4
3	☐	50.000	64.965	846450.78	0.2707	P	0.9
4	☐	125.000	134.725	1035599.87	0.3305	A	1.2
5	☐	250.000	260.129	1386001.76	0.4378	A	2.1
6	☐	500.000	562.082	2096329.43	0.6963	A	0.9
7	☐	1000.000	964.301	3289118.96	1.0406	A	2.7
8	☐			917799.07	0.2961	P	3.2

$$y = 8.5604\text{E-}004 * x + 0.2151$$

$$R = 0.9971$$

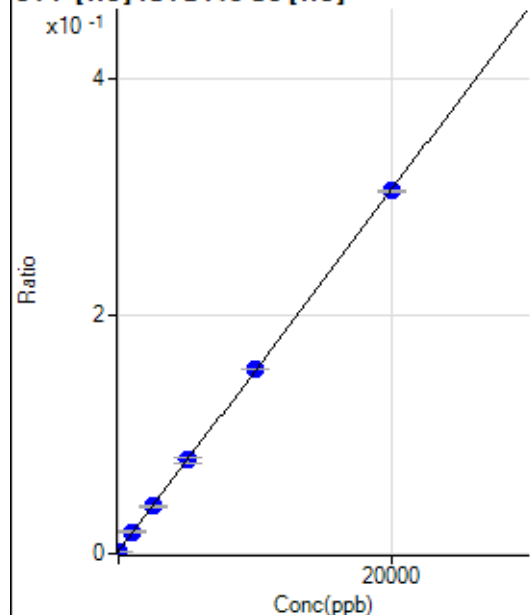
$$DL = 4.24$$

$$BEC = 251.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-4.147	194.45	0.0018	P	6.5
2	☐	0.000	4.147	200.01	0.0020	P	38.0
3	☐	1000.000	1073.384	1875.17	0.0182	P	6.9
4	☐	2500.000	2516.881	4134.03	0.0402	P	4.6
5	☐	5000.000	5054.207	8249.77	0.0788	P	6.6
6	☐	10000.000	10100.563	15850.67	0.1557	P	0.5
7	☐	20000.000	19930.387	31312.25	0.3053	P	0.5
8	☐			144.45	0.0015	P	37.4

$$y = 1.5224\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

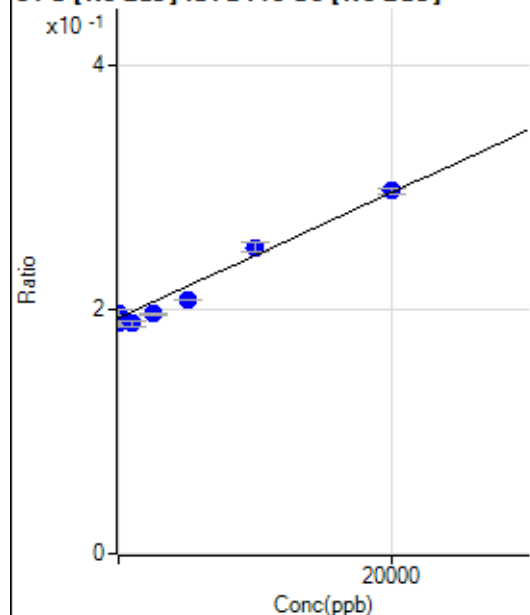
$$DL = 84.93$$

$$BEC = 124.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-832.455	573940.71	0.1887	P	0.7
2	☐	0.000	832.455	571816.50	0.1973	P	2.8
3	☐	1000.000	-939.142	588266.25	0.1882	P	2.0
4	☐	2500.000	646.099	615201.11	0.1963	P	1.0
5	☐	5000.000	2898.530	658110.02	0.2079	P	0.3
6	☐	10000.000	11199.915	753757.38	0.2505	P	3.0
7	☐	20000.000	20254.105	938250.63	0.2969	P	1.6
8	☐			556120.78	0.1794	P	4.2

$$y = 5.1312\text{E-}006 * x + 0.1930$$

$$R = 0.9870$$

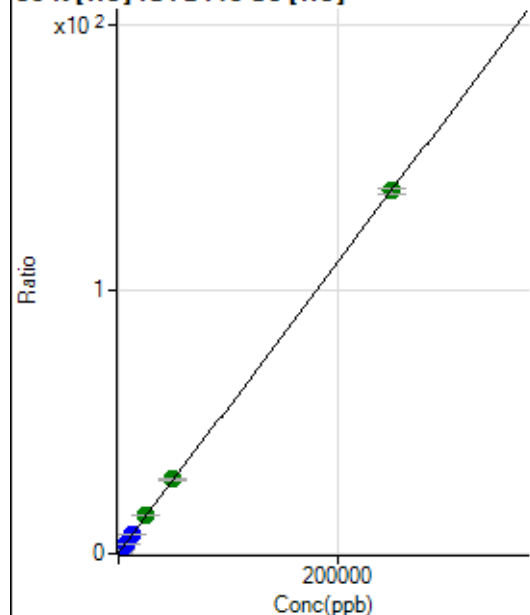
$$DL = 2037$$

$$BEC = 3.761\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31983.37	0.3014	P	1.6
2	☐	500.000	468.732	57096.61	0.5586	P	1.5
3	☐	2500.000	2697.136	183173.02	1.7814	P	3.9
4	☐	6250.000	6666.873	406931.02	3.9597	P	1.2
5	☐	12500.000	12913.993	773594.22	7.3876	P	2.2
6	☐	25000.000	25751.676	1469480.16	14.4320	A	1.4
7	☐	50000.000	50560.059	2876226.67	28.0449	A	0.2
8	☐	250000.00	249779.79	13645925.48	137.3613	A	1.8

$$y = 5.4872\text{E-}004 * x + 0.3014$$

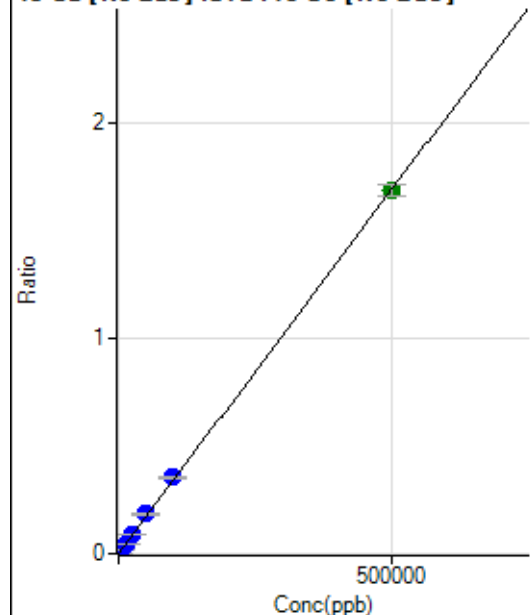
$$R = 1.0000$$

$$DL = 26.41$$

$$BEC = 549.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	755.59	0.0002	P	8.1
2	☐	500.000	520.138	5806.87	0.0020	P	2.1
3	☐	5000.000	5294.124	56612.55	0.0181	P	0.3
4	☐	12500.000	13306.591	141445.66	0.0451	P	0.3
5	☐	25000.000	25851.798	276855.41	0.0875	P	1.5
6	☐	50000.000	54189.608	550896.88	0.1830	P	2.9
7	☐	100000.00	104642.27	1116239.41	0.3532	P	1.0
8	☐	500000.00	498586.86	5213863.79	1.6821	A	3.2

$$y = 3.3732\text{E-}006 * x + 2.4842\text{E-}004$$

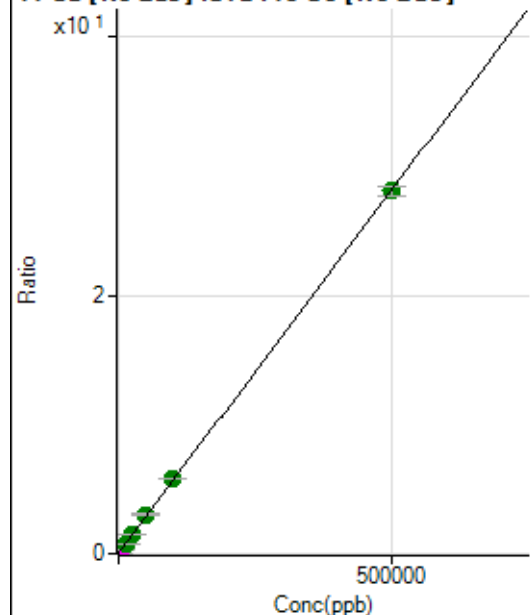
$$R = 0.9999$$

$$DL = 17.84$$

$$BEC = 73.65$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	119737.98	0.0394	P	0.8
2	☐	500.000	540.710	202035.08	0.0697	P	4.2
3	☐	5000.000	5404.968	1071611.79	0.3428	M	0.5
4	☐	12500.000	13224.560	2449622.26	0.7817	A	0.8
5	☐	25000.000	25443.505	4645888.04	1.4675	A	1.3
6	☐	50000.000	53169.861	9101524.08	3.0238	A	2.4
7	☐	100000.00	102277.18	18266606.49	5.7801	A	0.4
8	☐	500000.00	499183.19	86977185.28	28.0583	A	2.9

$$y = 5.6130\text{E-}005 * x + 0.0394$$

$$R = 1.0000$$

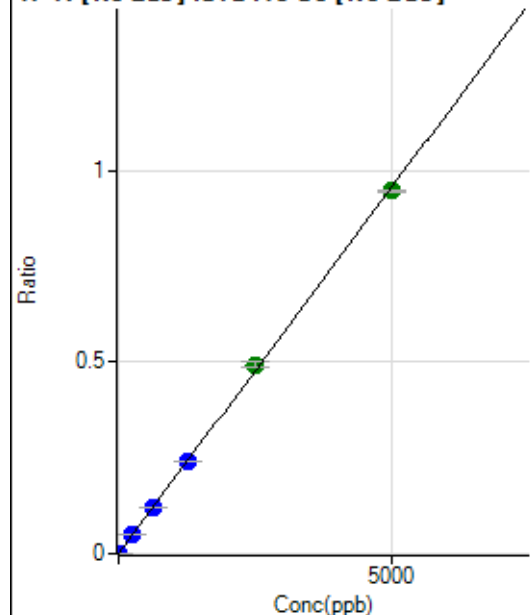
$$DL = 16.15$$

$$BEC = 701.5$$

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	930.61	0.0003	P	13.2
2	☐	5.000	4.790	3536.63	0.0012	P	6.5
3	☐	250.000	255.133	153316.34	0.0490	P	2.0
4	☐	625.000	637.483	382604.60	0.1221	P	0.2
5	☐	1250.000	1266.258	766795.08	0.2422	P	0.9
6	☐	2500.000	2577.715	1482723.07	0.4927	A	3.2
7	☐	5000.000	4955.261	2992341.69	0.9469	A	0.6
8	☐			1047.29	0.0003	P	8.9

$$y = 1.9103\text{E-}004 * x + 3.0613\text{E-}004$$

$$R = 0.9998$$

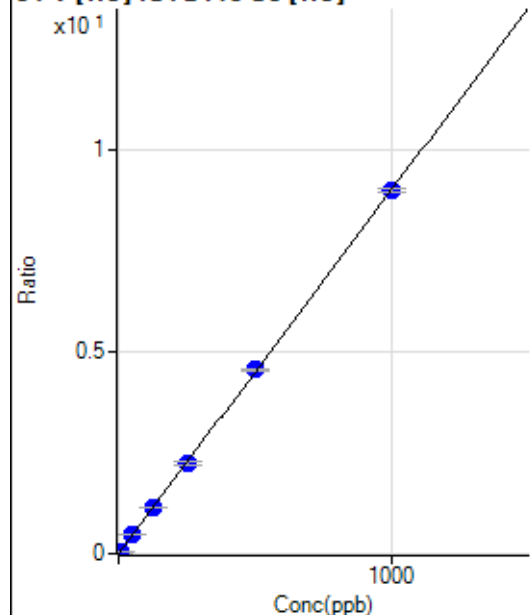
$$DL = 0.6341$$

$$BEC = 1.603$$

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	12.22	0.0001	P	85.6
2	☐	5.000	4.657	4305.14	0.0421	P	4.9
3	☐	50.000	51.606	47889.81	0.4656	P	2.7
4	☐	125.000	126.096	116907.18	1.1376	P	0.9
5	☐	250.000	247.307	233585.98	2.2311	P	3.3
6	☐	500.000	505.865	464665.58	4.5635	P	1.1
7	☐	1000.000	997.525	922875.98	8.9987	P	0.9
8	☐			104.45	0.0010	P	39.3

$$y = 0.0090 * x + 1.1745\text{E-}004$$

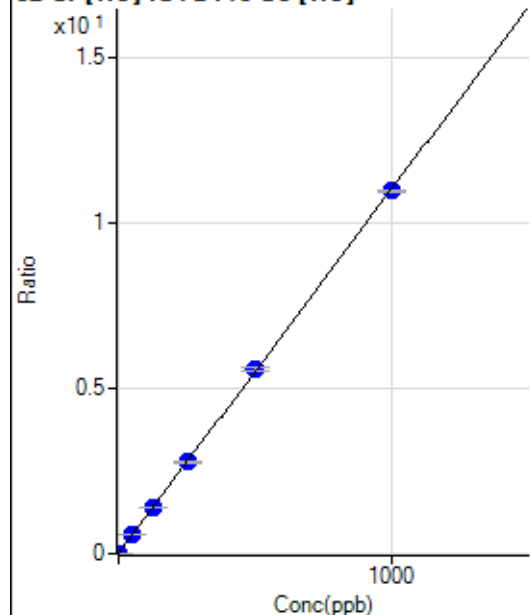
$$R = 1.0000$$

$$DL = 0.03342$$

$$BEC = 0.01302$$

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	740.03	0.0070	P	3.1
2	☐	2.000	1.816	2756.96	0.0270	P	4.1
3	☐	50.000	52.046	59686.09	0.5804	P	3.7
4	☐	125.000	127.916	145561.04	1.4164	P	0.6
5	☐	250.000	250.575	289813.74	2.7679	P	2.9
6	☐	500.000	507.839	570437.94	5.6025	P	1.9
7	☐	1000.000	995.470	1125612.25	10.9754	P	0.3
8	☐			4978.69	0.0501	P	5.4

$$y = 0.0110 * x + 0.0070$$

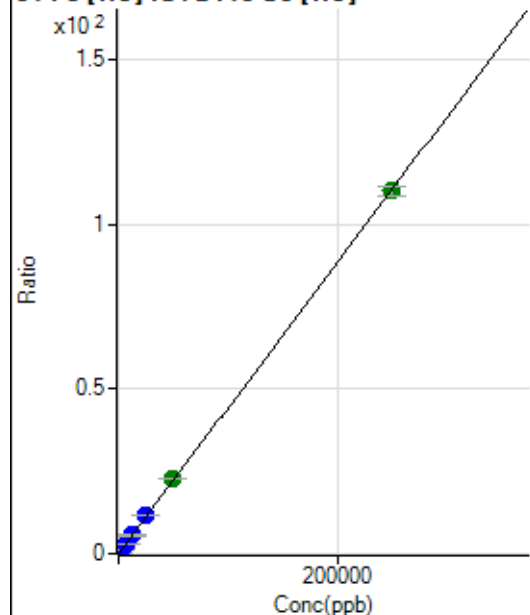
$$R = 1.0000$$

$$DL = 0.05927$$

$$BEC = 0.6323$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	424.09	0.0040	P	10.8
2	☐	50.000	48.113	2581.76	0.0253	P	6.5
3	☐	2500.000	2646.905	120675.63	1.1735	P	3.6
4	☐	6250.000	6523.028	296602.00	2.8862	P	1.3
5	☐	12500.000	12656.093	585888.09	5.5961	P	3.4
6	☐	25000.000	26013.382	1170720.32	11.4981	P	1.6
7	☐	50000.000	51481.334	2333225.98	22.7511	A	1.1
8	☐	250000.00	249586.29	10954636.59	110.2841	A	2.8

$$y = 4.4185E-004 * x + 0.0040$$

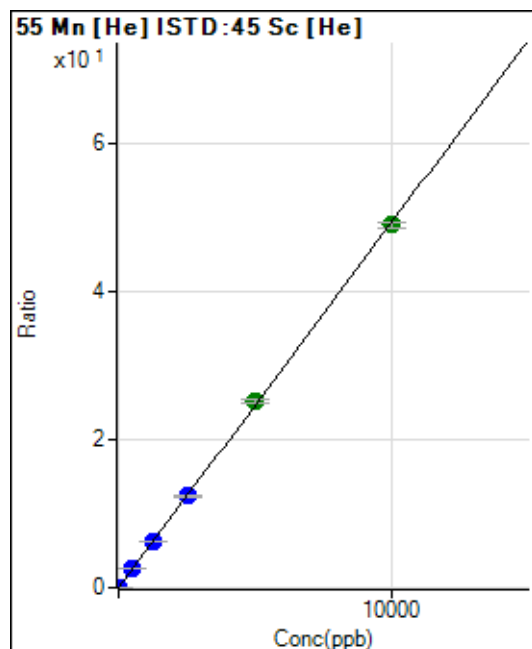
$$R = 1.0000$$

$$DL = 2.949$$

$$BEC = 9.062$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0006	P	2.5
2	☐	1.000	0.974	557.80	0.0055	P	10.8
3	☐	500.000	519.972	263944.25	2.5670	P	4.0
4	☐	1250.000	1283.194	650928.22	6.3338	P	0.5
5	☐	2500.000	2506.852	1295472.46	12.3732	P	3.1
6	☐	5000.000	5114.011	2570044.11	25.2408	A	1.4
7	☐	10000.000	9936.133	5029383.12	49.0404	A	1.3
8	☐			3053.69	0.0307	P	0.6

$$y = 0.0049 * x + 6.4883E-004$$

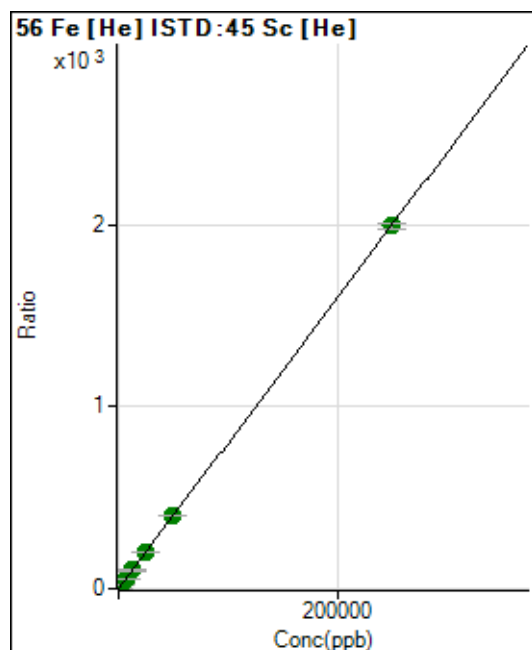
$$R = 0.9999$$

$$DL = 0.009892$$

$$BEC = 0.1315$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2648.43	0.0250	P	1.9
2	☐	50.000	48.586	42221.86	0.4131	P	1.0
3	☐	2500.000	2642.086	2172756.57	21.1318	A	4.2
4	☐	6250.000	6494.932	5334793.12	51.9109	A	1.8
5	☐	12500.000	12657.291	10588917.02	101.1401	A	3.5
6	☐	25000.000	25600.746	20826481.02	204.5413	A	1.4
7	☐	50000.000	50373.698	41272769.90	402.4446	A	1.3
8	☐	250000.00	249849.77	198287874.8	1.995996	A	1.9

$$y = 0.0080 * x + 0.0250$$

$$R = 1.0000$$

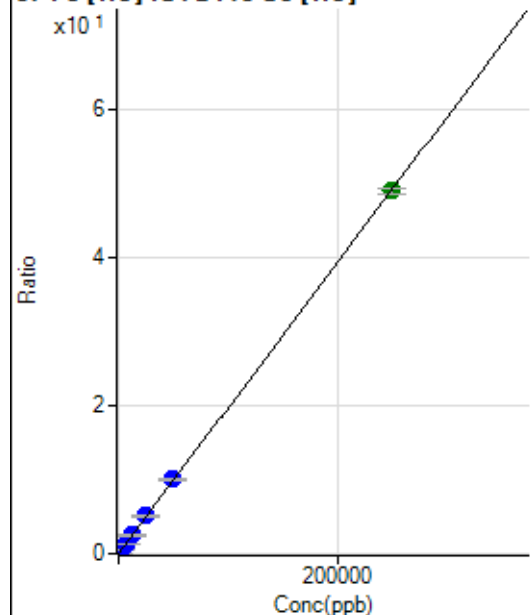
$$DL = 0.1802$$

$$BEC = 3.125$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	150.00	0.0014	P	24.0
2	☐	50.000	42.999	1007.46	0.0099	P	4.4
3	☐	2500.000	2655.646	53766.16	0.5230	P	5.2
4	☐	6250.000	6551.139	132383.09	1.2881	P	0.4
5	☐	12500.000	12709.570	261504.38	2.4977	P	3.3
6	☐	25000.000	25811.681	516338.95	5.0711	P	1.5
7	☐	50000.000	51186.112	1031176.74	10.0548	P	1.1
8	☐	250000.00	249662.04	4871856.36	49.0373	A	1.4

$$y = 1.9641E-004 * x + 0.0014$$

R = 1.0000

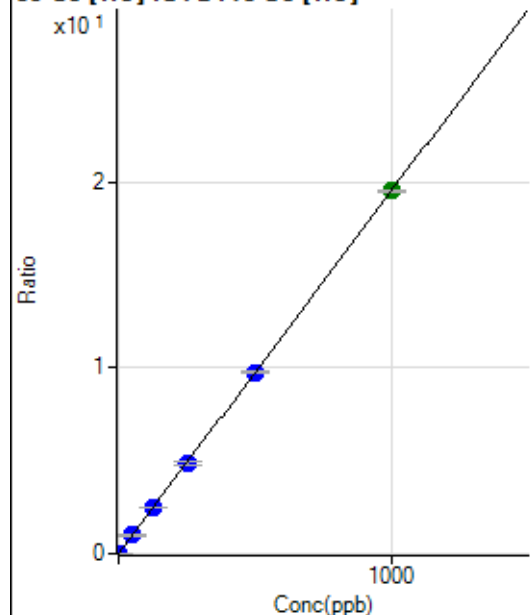
DL = 5.179

BEC = 7.191

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0005	P	5.7
2	☐	1.000	0.938	1919.04	0.0188	P	0.7
3	☐	50.000	51.339	103201.83	1.0037	P	4.0
4	☐	125.000	128.825	258751.97	2.5178	P	0.6
5	☐	250.000	248.625	508732.08	4.8588	P	2.9
6	☐	500.000	500.116	995143.41	9.7732	P	1.0
7	☐	1000.000	999.741	2003642.82	19.5363	A	0.9
8	☐			3203.73	0.0323	P	5.7

$$y = 0.0195 * x + 4.5063E-004$$

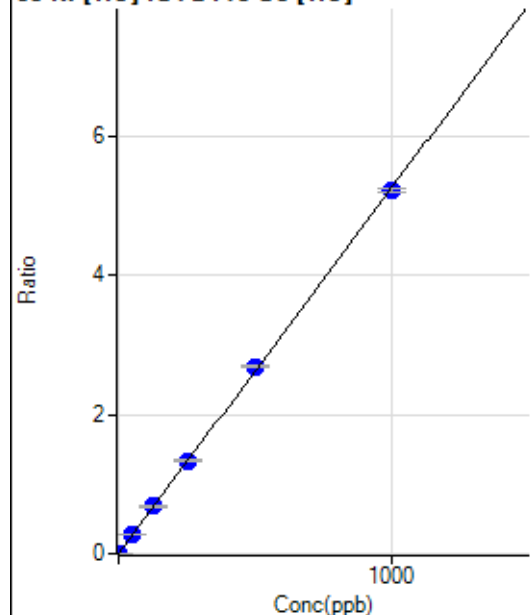
R = 1.0000

DL = 0.003959

BEC = 0.02306

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0007	P	13.9
2	☐	1.000	1.009	611.13	0.0060	P	2.6
3	☐	50.000	52.285	28293.72	0.2751	P	3.0
4	☐	125.000	129.157	69740.81	0.6786	P	0.7
5	☐	250.000	254.740	140074.42	1.3378	P	2.8
6	☐	500.000	511.407	273397.48	2.6850	P	1.1
7	☐	1000.000	992.478	534333.63	5.2102	P	1.1
8	☐			1651.23	0.0166	P	2.4

$$y = 0.0052 * x + 6.8271E-004$$

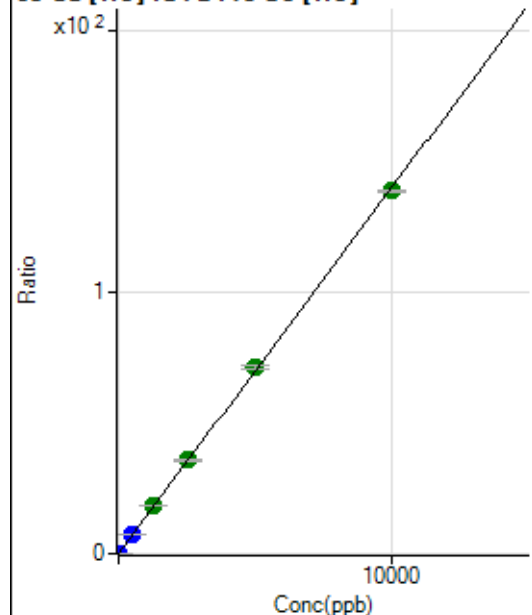
$$R = 0.9999$$

$$DL = 0.0541$$

$$BEC = 0.1301$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	643.35	0.0061	P	2.4
2	☐	2.000	2.037	3536.03	0.0346	P	3.5
3	☐	500.000	529.345	763038.58	7.4208	P	3.9
4	☐	1250.000	1324.683	1907731.38	18.5614	A	0.6
5	☐	2500.000	2560.260	3756179.56	35.8685	A	2.1
6	☐	5000.000	5107.512	7285177.88	71.5487	A	1.8
7	☐	10000.000	9920.376	14251966.18	138.9642	A	0.7
8	☐			4050.61	0.0408	P	3.9

$$y = 0.0140 * x + 0.0061$$

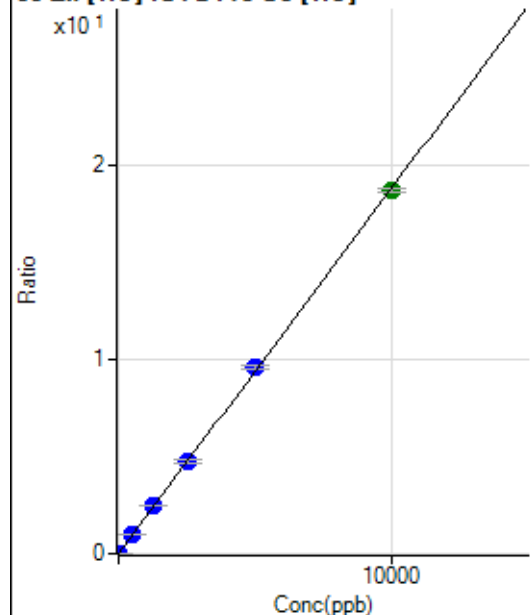
$$R = 0.9999$$

$$DL = 0.03153$$

$$BEC = 0.4325$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	139.52	0.0013	P	12.1
2	☐	2.000	1.884	497.50	0.0049	P	7.0
3	☐	500.000	523.749	101622.80	0.9882	P	3.3
4	☐	1250.000	1304.261	252710.75	2.4589	P	0.4
5	☐	2500.000	2528.368	498983.51	4.7655	P	2.6
6	☐	5000.000	5105.265	979624.61	9.6212	P	1.6
7	☐	10000.000	9932.306	1919581.66	18.7168	A	1.1
8	☐			1763.65	0.0178	P	2.1

$$y = 0.0019 * x + 0.0013$$

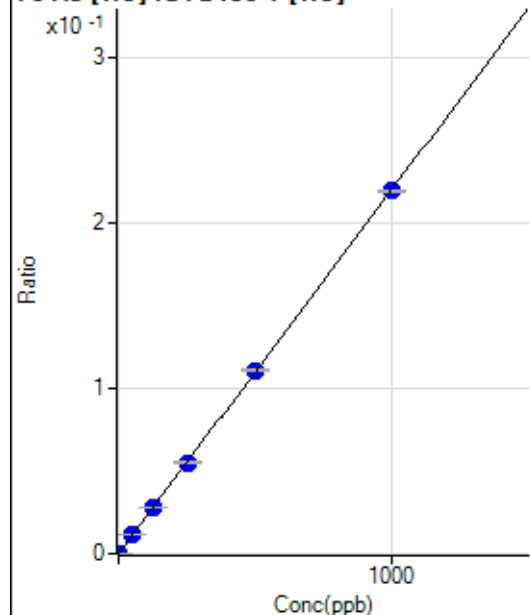
$$R = 0.9999$$

$$DL = 0.254$$

$$BEC = 0.6996$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.67	0.0000	P	29.9
2	☐	1.000	0.968	150.68	0.0002	P	11.5
3	☐	50.000	51.121	7654.52	0.0112	P	3.4
4	☐	125.000	127.025	19285.05	0.0279	P	1.7
5	☐	250.000	250.456	38130.93	0.0550	P	3.0
6	☐	500.000	503.729	75154.64	0.1106	P	1.0
7	☐	1000.000	997.712	148757.54	0.2191	P	0.7
8	☐			65.34	0.0001	P	14.2

$$y = 2.1958E-004 * x + 1.2535E-005$$

$$R = 1.0000$$

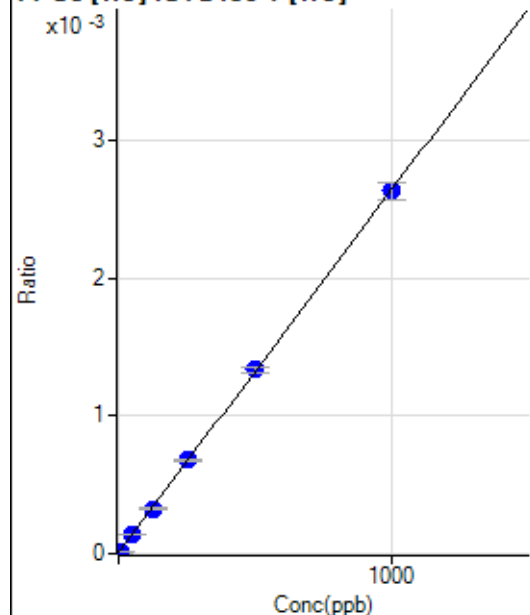
$$DL = 0.05124$$

$$BEC = 0.05708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	122.2
2	☐	5.000	1.491	7.78	0.0000	P	26.0
3	☐	50.000	50.980	96.66	0.0001	P	4.9
4	☐	125.000	119.924	223.34	0.0003	P	3.2
5	☐	250.000	254.572	470.01	0.0007	P	3.8
6	☐	500.000	503.819	905.59	0.0013	P	2.9
7	☐	1000.000	997.551	1786.80	0.0026	P	4.5
8	☐			4.44	0.0000	P	113.5

$$y = 2.6304\text{E-}006 * x + 7.7170\text{E-}006$$

$$R = 1.0000$$

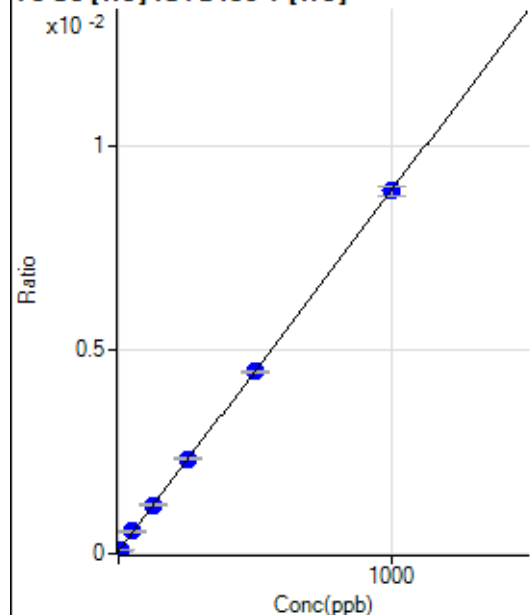
$$DL = 10.76$$

$$BEC = 2.934$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.00	0.0001	P	2.2
2	☐	5.000	4.565	68.34	0.0001	P	3.4
3	☐	50.000	55.967	379.04	0.0006	P	6.5
4	☐	125.000	127.521	822.11	0.0012	P	4.1
5	☐	250.000	254.975	1606.26	0.0023	P	1.6
6	☐	500.000	498.153	3034.97	0.0045	P	1.1
7	☐	1000.000	999.069	6040.91	0.0089	P	2.4
8	☐			48.00	0.0001	P	10.8

$$y = 8.8437\text{E-}006 * x + 6.1703\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.4689$$

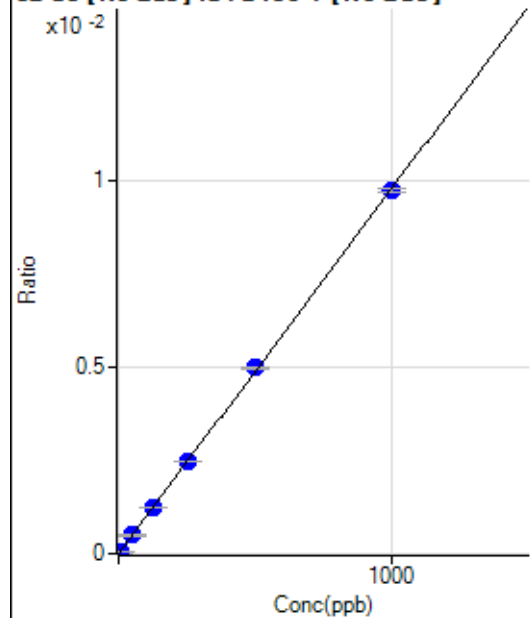
$$BEC = 6.977$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3550.80		P	6.9
2	☐			3841.18		P	3.3
3	☐			3400.59		P	5.5
4	☐			3580.83		P	4.0
5	☐			3504.05		P	3.2
6	☐			3650.91		P	1.7
7	☐			3670.93		P	2.6
8	☐			4265.07		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-10.82	0.0000	P	-664.
2	☐	5.000	4.949	292.60	0.0000	P	12.0
3	☐	50.000	50.161	3346.76	0.0005	P	2.8
4	☐	125.000	127.687	8420.36	0.0012	P	1.3
5	☐	250.000	251.959	16614.30	0.0025	P	1.2
6	☐	500.000	509.032	32537.44	0.0050	P	1.8
7	☐	1000.000	994.651	65664.38	0.0097	P	1.2
8	☐			10.37	0.0000	P	126.9

$$y = 9.7777E-006 * x - 1.6475E-006$$

$$R = 0.9999$$

$$DL = 3.356$$

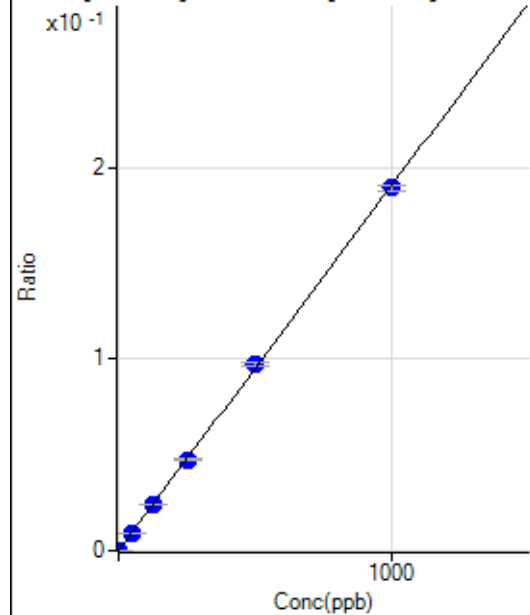
$$BEC = -0.1685$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			365.56		P	10.2
2	☐			366.68		P	6.6
3	☐			397.79		P	6.8
4	☐			373.34		P	7.8
5	☐			395.57		P	13.0
6	☐			438.90		P	7.7
7	☐			397.79		P	7.6
8	☐			393.34		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	658.37	0.0001	P	15.3
2	☐	1.000	0.848	1636.25	0.0003	P	7.0
3	☐	50.000	48.967	64518.43	0.0094	P	0.2
4	☐	125.000	125.570	162124.19	0.0240	P	1.0
5	☐	250.000	248.135	319419.11	0.0473	P	1.8
6	☐	500.000	513.113	639533.31	0.0978	P	2.2
7	☐	1000.000	993.890	1278429.54	0.1893	P	1.5
8	☐			7504.96	0.0011	P	2.4

$$y = 1.9038E-004 * x + 1.0018E-004$$

$$R = 0.9999$$

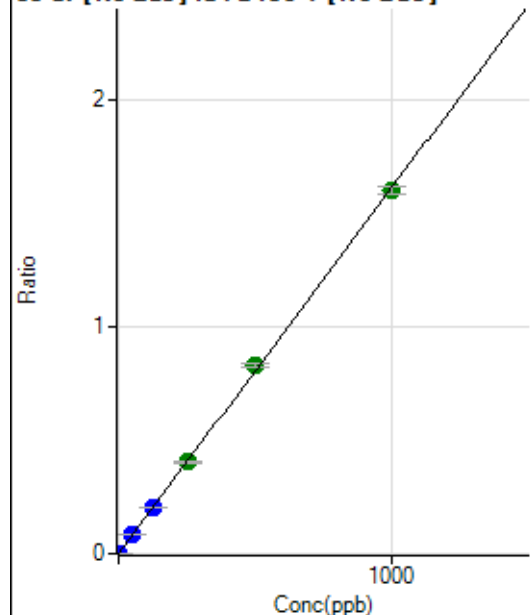
$$DL = 0.2415$$

$$BEC = 0.5262$$

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	125.00	0.0000	P	6.8
2	☐	1.000	0.997	10159.53	0.0016	P	5.3
3	☐	50.000	50.194	553807.76	0.0809	P	0.7
4	☐	125.000	127.729	1389905.21	0.2058	P	0.3
5	☐	250.000	251.335	2732264.58	0.4049	A	1.3
6	☐	500.000	514.047	5416588.40	0.8282	A	2.5
7	☐	1000.000	992.292	10795050.85	1.5986	A	2.0
8	☐			58743.30	0.0089	P	2.5

$$y = 0.0016 * x + 1.9023E-005$$

$$R = 0.9998$$

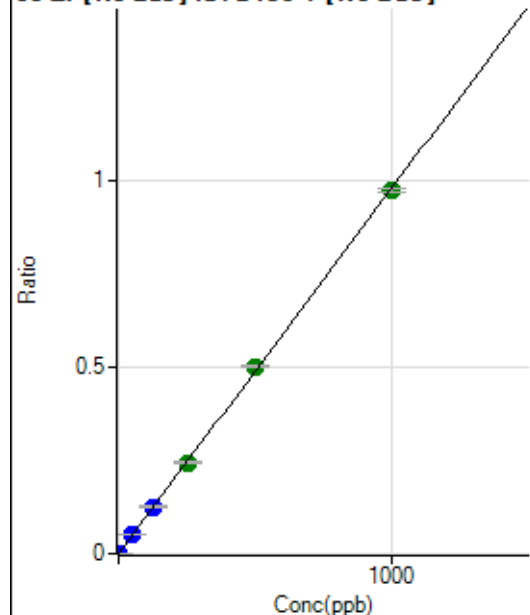
$$DL = 0.002414$$

$$BEC = 0.01181$$

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	283.34	0.0000	P	11.6
2	☐	1.000	0.994	6354.39	0.0010	P	4.0
3	☐	50.000	50.251	336569.83	0.0492	P	0.2
4	☐	125.000	128.777	850261.98	0.1259	P	0.8
5	☐	250.000	250.080	1649475.87	0.2444	A	0.8
6	☐	500.000	511.966	3273188.07	0.5004	A	1.2
7	☐	1000.000	993.512	6557265.08	0.9710	A	1.2
8	☐			1797.39	0.0003	P	7.0

$$y = 9.7732E-004 * x + 4.3111E-005$$

$$R = 0.9999$$

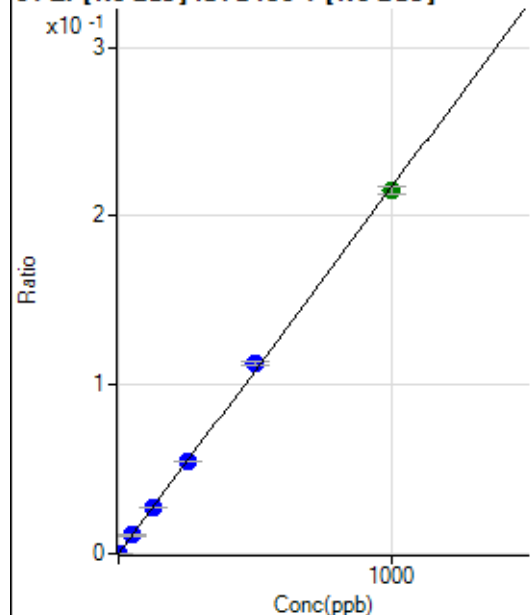
$$DL = 0.0154$$

$$BEC = 0.04411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	60.0
2	☐	1.000	1.002	1408.44	0.0002	P	6.5
3	☐	50.000	49.842	74167.27	0.0108	P	1.0
4	☐	125.000	127.312	186797.20	0.0277	P	1.3
5	☐	250.000	251.605	368790.70	0.0547	P	1.1
6	☐	500.000	518.799	736913.47	0.1127	P	1.5
7	☐	1000.000	989.918	1451801.23	0.2150	A	2.1
8	☐			350.02	0.0001	P	13.2

$$y = 2.1718\text{E-}004 * x + 7.6059\text{E-}006$$

$$R = 0.9997$$

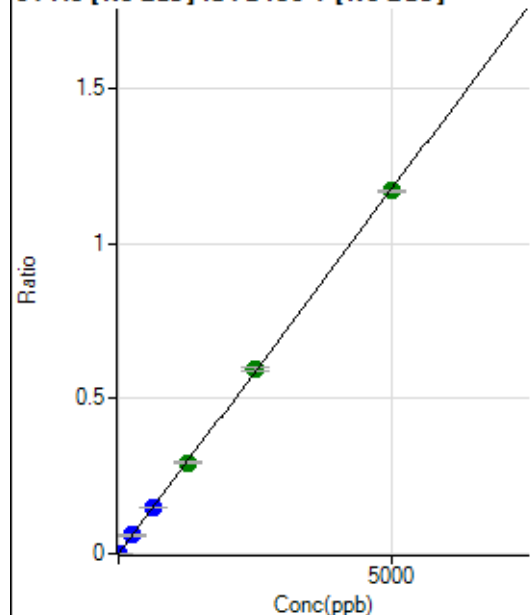
$$DL = 0.06299$$

$$BEC = 0.03502$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.6
2	☐	5.000	4.874	7285.44	0.0012	P	6.2
3	☐	250.000	250.579	403293.07	0.0589	P	1.3
4	☐	625.000	640.746	1016927.79	0.1506	P	1.1
5	☐	1250.000	1252.996	1986720.92	0.2944	A	2.6
6	☐	2500.000	2539.987	3902978.30	0.5969	A	2.2
7	☐	5000.000	4977.261	7898455.21	1.1696	A	0.8
8	☐			2569.74	0.0004	P	7.7

$$y = 2.3498\text{E-}004 * x + 1.9871\text{E-}005$$

$$R = 0.9999$$

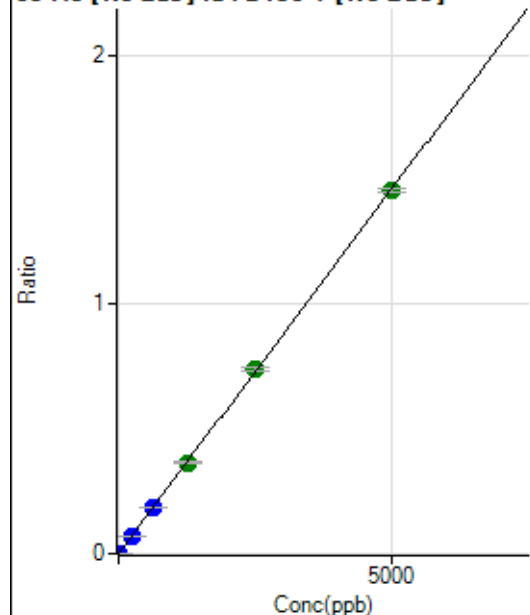
$$DL = 0.05723$$

$$BEC = 0.08457$$

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	47.22	0.0000	P	27.0
2	☐	5.000	4.803	8816.91	0.0014	P	8.0
3	☐	250.000	247.400	495000.35	0.0723	P	0.9
4	☐	625.000	627.564	1238386.02	0.1834	P	1.3
5	☐	1250.000	1253.187	2470896.82	0.3662	A	1.4
6	☐	2500.000	2539.147	4851961.70	0.7419	A	1.7
7	☐	5000.000	4979.439	9825589.54	1.4549	A	1.0
8	☐			3158.79	0.0005	P	5.7

$$y = 2.9219\text{E-}004 * x + 7.1866\text{E-}006$$

$$R = 1.0000$$

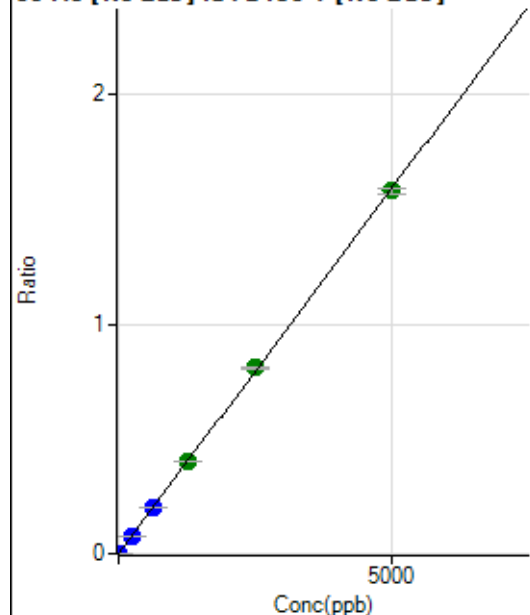
$$DL = 0.01993$$

$$BEC = 0.0246$$

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	50.00	0.0000	P	16.9
2	☐	5.000	4.829	9636.95	0.0015	P	6.1
3	☐	250.000	249.032	541551.02	0.0791	P	0.2
4	☐	625.000	631.019	1353387.64	0.2004	P	0.4
5	☐	1250.000	1266.132	2713059.52	0.4021	A	1.2
6	☐	2500.000	2545.593	5286893.17	0.8084	A	1.4
7	☐	5000.000	4972.467	10663025.93	1.5791	A	1.7
8	☐			3989.56	0.0006	P	3.6

$$y = 3.1756\text{E-}004 * x + 7.6101\text{E-}006$$

$$R = 0.9999$$

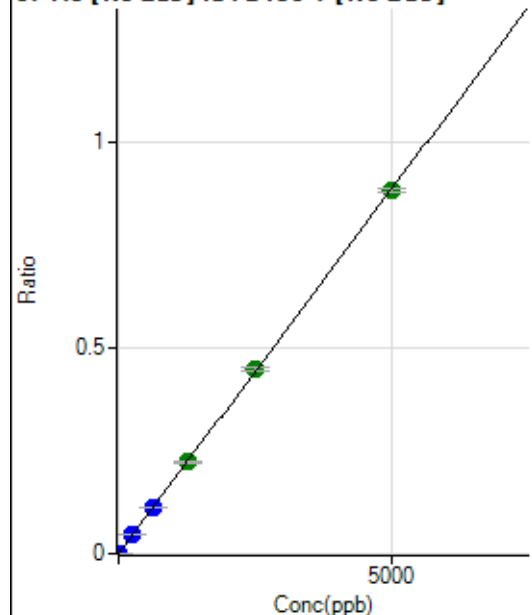
$$DL = 0.01212$$

$$BEC = 0.02396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.8
2	☐	5.000	4.861	5398.41	0.0009	P	11.8
3	☐	250.000	251.383	304773.08	0.0445	P	0.6
4	☐	625.000	636.721	761319.04	0.1127	P	0.8
5	☐	1250.000	1258.005	1502849.87	0.2227	A	1.0
6	☐	2500.000	2538.704	2939316.40	0.4495	A	1.6
7	☐	5000.000	4977.113	5950474.87	0.8812	A	1.1
8	☐			1919.63	0.0003	P	5.7

$$y = 1.7704\text{E-}004 * x + 3.8058\text{E-}006$$

$$R = 1.0000$$

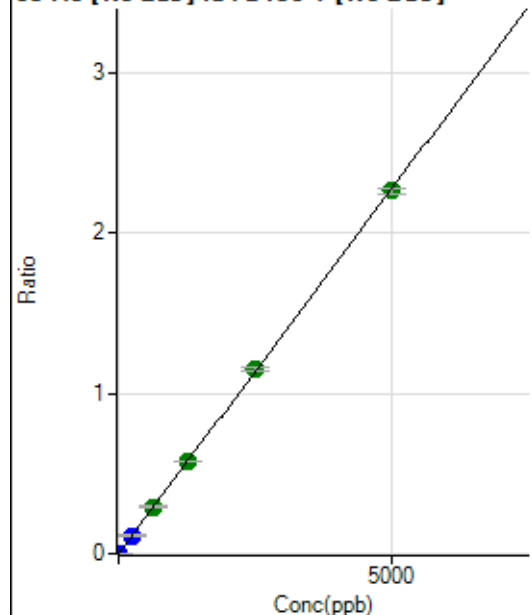
$$DL = 0.03728$$

$$BEC = 0.0215$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.5
2	☐	5.000	4.891	13932.33	0.0022	P	3.7
3	☐	250.000	250.267	778523.76	0.1137	P	0.4
4	☐	625.000	644.157	1976294.23	0.2926	A	1.7
5	☐	1250.000	1260.368	3863659.37	0.5726	A	0.9
6	☐	2500.000	2539.396	7543984.98	1.1537	A	2.2
7	☐	5000.000	4975.302	15263226.55	2.2603	A	1.9
8	☐			4448.04	0.0007	P	6.0

$$y = 4.5430\text{E-}004 * x + 4.2277\text{E-}006$$

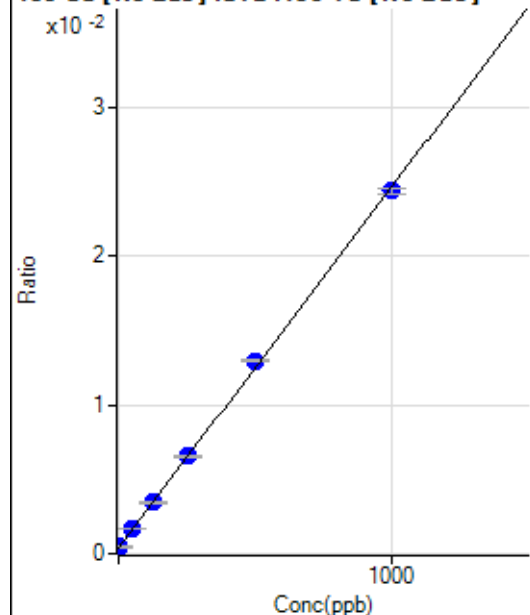
$$R = 0.9999$$

$$DL = 0.004892$$

$$BEC = 0.009306$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1550.13	0.0004	P	3.7
2	☐	1.000	2.127	1691.81	0.0005	P	5.1
3	☐	50.000	50.691	6443.35	0.0016	P	1.7
4	☐	125.000	125.114	13746.04	0.0034	P	3.3
5	☐	250.000	254.232	26058.68	0.0066	P	1.1
6	☐	500.000	518.539	49629.09	0.0130	P	1.6
7	☐	1000.000	989.622	97110.30	0.0244	P	1.6
8	☐			1661.26	0.0004	P	10.1

$$y = 2.4265E-005 * x + 4.0227E-004$$

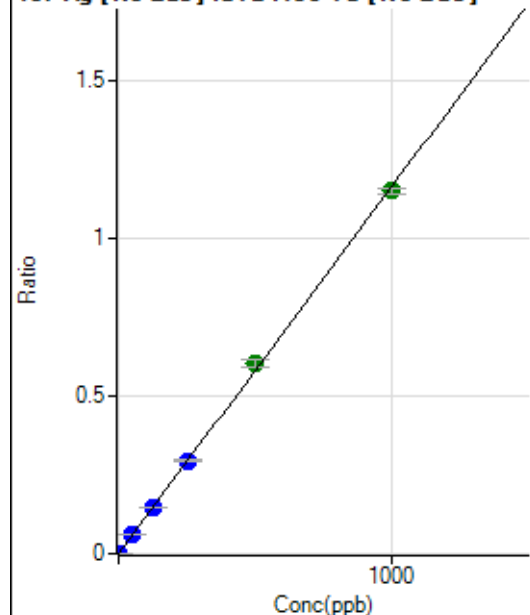
$$R = 0.9997$$

$$DL = 1.818$$

$$BEC = 16.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	76.3
2	☐	1.000	0.989	4331.37	0.0012	P	2.1
3	☐	50.000	51.055	234156.63	0.0593	P	0.5
4	☐	125.000	126.172	586036.42	0.1466	P	1.3
5	☐	250.000	252.528	1163141.30	0.2934	P	2.4
6	☐	500.000	519.571	2305772.99	0.6036	A	4.0
7	☐	1000.000	989.383	4571158.48	1.1493	A	1.6
8	☐			2203.01	0.0006	P	4.9

$$y = 0.0012 * x + 1.2961E-005$$

$$R = 0.9997$$

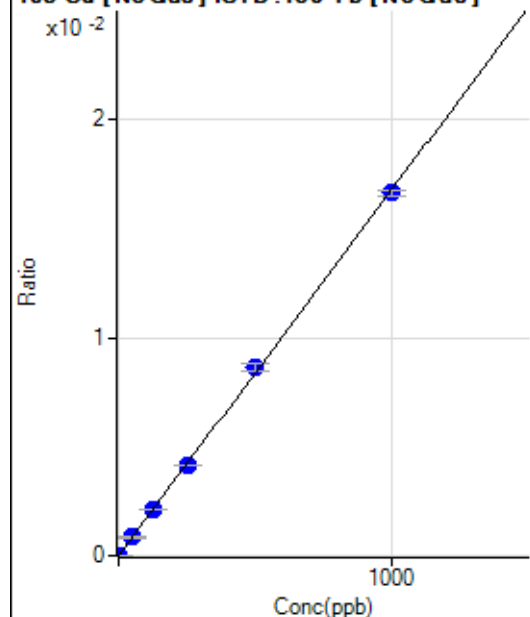
$$DL = 0.02552$$

$$BEC = 0.01116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	65.5
2	☐	1.000	1.162	81.94	0.0000	P	17.4
3	☐	50.000	50.453	3351.85	0.0008	P	5.1
4	☐	125.000	126.703	8511.05	0.0021	P	0.9
5	☐	250.000	246.336	16401.54	0.0041	P	1.4
6	☐	500.000	516.558	33121.61	0.0087	P	4.4
7	☐	1000.000	992.401	66242.67	0.0167	P	1.9
8	☐			56.94	0.0000	P	34.5

$$y = 1.6781E-005 * x + 2.5231E-006$$

$$R = 0.9998$$

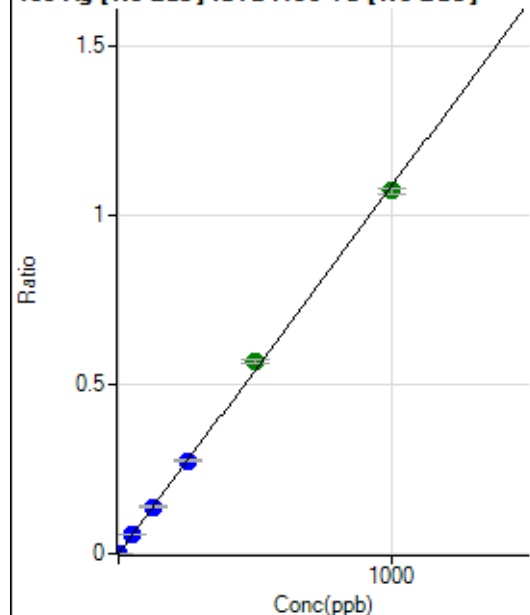
$$DL = 0.2955$$

$$BEC = 0.1504$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	68.5
2	☐	1.000	1.004	4084.06	0.0011	P	9.9
3	☐	50.000	51.778	221736.42	0.0562	P	1.7
4	☐	125.000	127.842	554473.58	0.1387	P	0.8
5	☐	250.000	252.774	1087324.46	0.2742	P	1.8
6	☐	500.000	522.483	2165899.70	0.5668	A	2.4
7	☐	1000.000	987.621	4261192.24	1.0713	A	1.3
8	☐			2100.21	0.0005	P	5.4

$$y = 0.0011 * x + 7.9202E-006$$

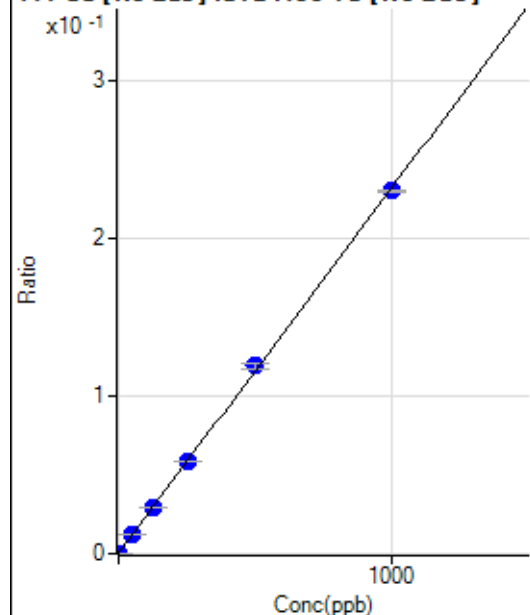
$$R = 0.9996$$

$$DL = 0.015$$

$$BEC = 0.007301$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1083.84	0.0003	P	3.6
2	☐	1.000	1.195	2078.35	0.0006	P	4.9
3	☐	50.000	50.493	47211.01	0.0120	P	1.0
4	☐	125.000	125.509	117194.08	0.0293	P	0.6
5	☐	250.000	251.947	232187.26	0.0586	P	1.8
6	☐	500.000	513.166	454543.43	0.1190	P	3.6
7	☐	1000.000	992.842	914517.39	0.2299	P	0.7
8	☐			1514.70	0.0004	P	8.3

$$y = 2.3130E-004 * x + 2.8126E-004$$

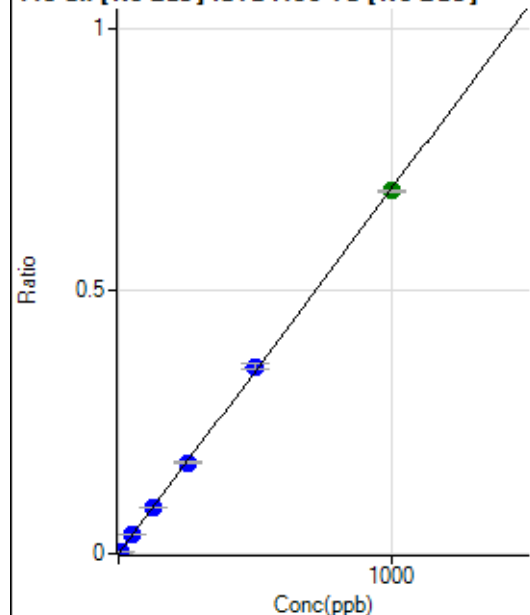
$$R = 0.9999$$

$$DL = 0.1306$$

$$BEC = 1.216$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	369.46	0.0001	P	13.8
2	☐	5.000	4.763	12689.59	0.0034	P	2.4
3	☐	50.000	50.354	138357.71	0.0351	P	0.4
4	☐	125.000	124.979	347258.57	0.0869	P	0.7
5	☐	250.000	248.804	685214.07	0.1728	P	1.9
6	☐	500.000	511.759	1357726.83	0.3553	P	3.2
7	☐	1000.000	994.406	2746098.69	0.6904	A	0.4
8	☐			602.81	0.0002	P	11.3

$$y = 6.9418E-004 * x + 9.5901E-005$$

$$R = 0.9999$$

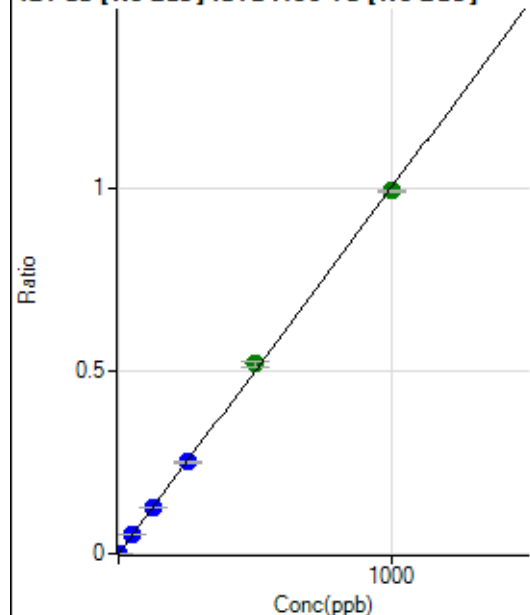
$$DL = 0.05708$$

$$BEC = 0.1381$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.9
2	☐	2.000	1.890	7082.58	0.0019	P	2.5
3	☐	50.000	50.689	200257.21	0.0507	P	1.6
4	☐	125.000	125.979	504065.48	0.1261	P	0.6
5	☐	250.000	251.359	997347.08	0.2515	P	2.6
6	☐	500.000	517.518	1978814.52	0.5179	A	3.1
7	☐	1000.000	990.745	3943510.12	0.9914	A	0.7
8	☐			2391.93	0.0006	P	6.1

$$y = 0.0010 * x + 7.2125E-006$$

$$R = 0.9998$$

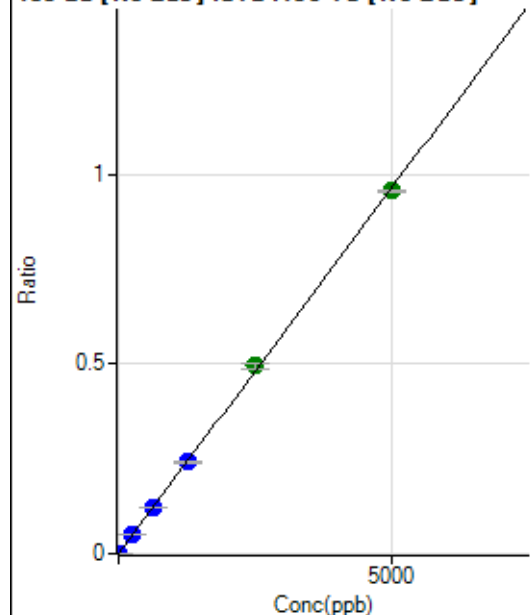
$$DL = 0.009927$$

$$BEC = 0.007208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.4
2	☐	10.000	9.882	7132.61	0.0019	P	3.8
3	☐	250.000	253.252	192646.69	0.0488	P	1.1
4	☐	625.000	630.216	485519.27	0.1214	P	1.1
5	☐	1250.000	1253.772	957878.62	0.2416	P	2.0
6	☐	2500.000	2566.871	1889929.06	0.4946	A	2.7
7	☐	5000.000	4964.807	3805019.74	0.9566	A	0.8
8	☐			6699.06	0.0017	P	3.8

$$y = 1.9267E-004 * x + 8.6521E-006$$

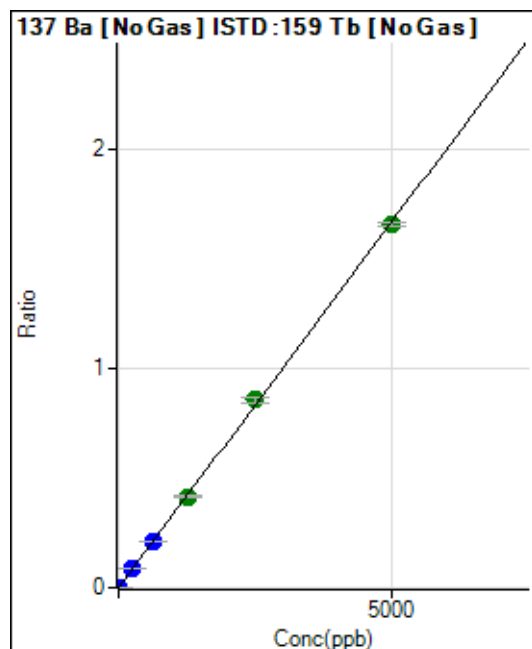
$$R = 0.9999$$

$$DL = 0.05842$$

$$BEC = 0.04491$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.0
2	☐	10.000	9.890	12300.37	0.0033	P	5.9
3	☐	250.000	256.240	336804.75	0.0853	P	1.4
4	☐	625.000	637.915	849221.52	0.2124	P	0.9
5	☐	1250.000	1247.288	1646526.45	0.4153	A	3.0
6	☐	2500.000	2569.539	3269357.02	0.8556	A	3.0
7	☐	5000.000	4963.982	6573916.86	1.6528	A	1.0
8	☐			11541.35	0.0029	P	5.1

$$y = 3.3296E-004 * x + 7.2124E-006$$

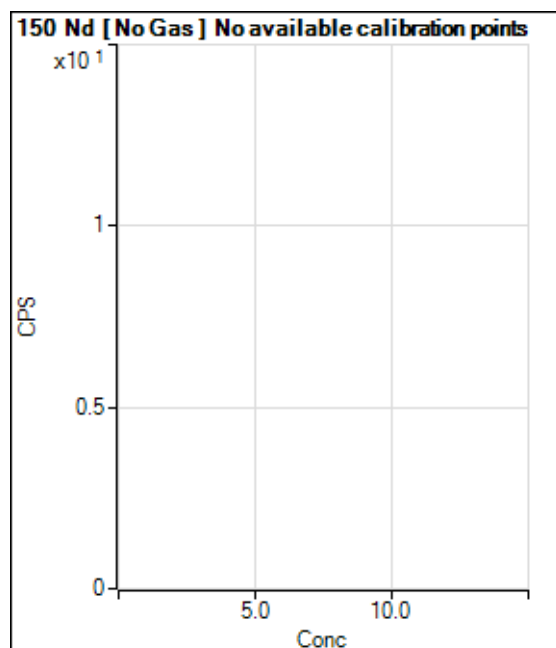
$$R = 0.9999$$

$$DL = 0.0299$$

$$BEC = 0.02166$$

Weight: <None>

Min Conc: 0



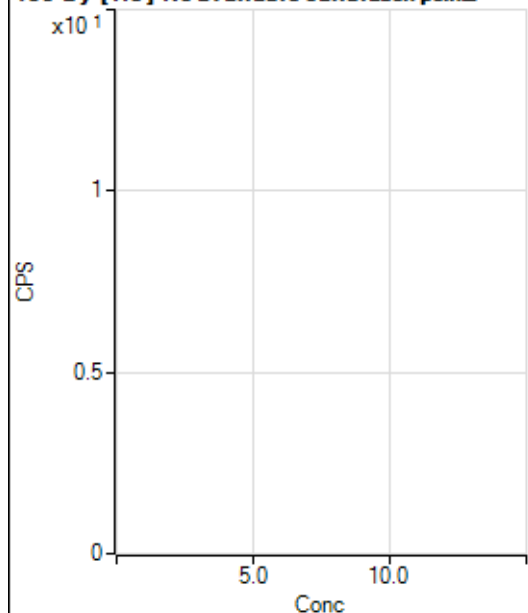
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			8.89		P	86.6
3	☐			15.56		P	89.2
4	☐			22.22		P	96.4
5	☐			24.45		P	68.6
6	☐			73.34		P	9.1
7	☐			126.67		P	29.3
8	☐			22.22		P	62.4

150 Nd [He] No available calibration points

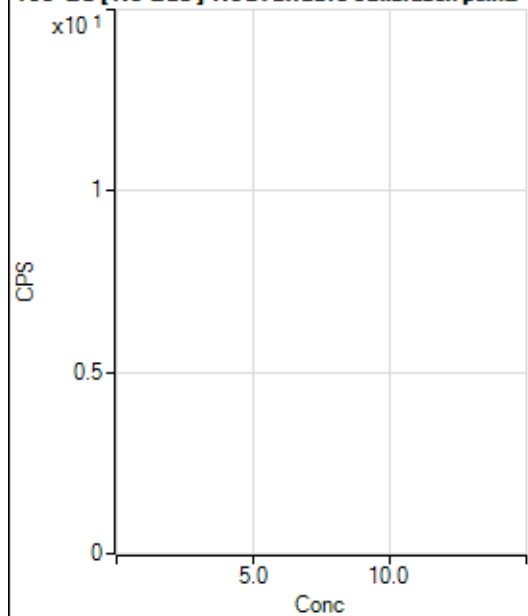
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			3.33		P	100.1
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			6.67		P	100.0
6	☐			11.11		P	17.3
7	☐			11.11		P	62.5
8	☐			3.33		P	100.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			22.22		P	57.3
3	☐			13.89		P	91.6
4	☐			25.00		P	88.2
5	☐			25.00		P	66.7
6	☐			55.56		P	52.7
7	☐			52.78		P	32.9
8	☐			211.12		P	8.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			4.45		P	86.6
3	☐			1.11		P	173.2
4	☐			4.45		P	86.6
5	☐			13.33		P	25.0
6	☐			23.33		P	28.6
7	☐			37.78		P	28.4
8	☐			91.11		P	21.4

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

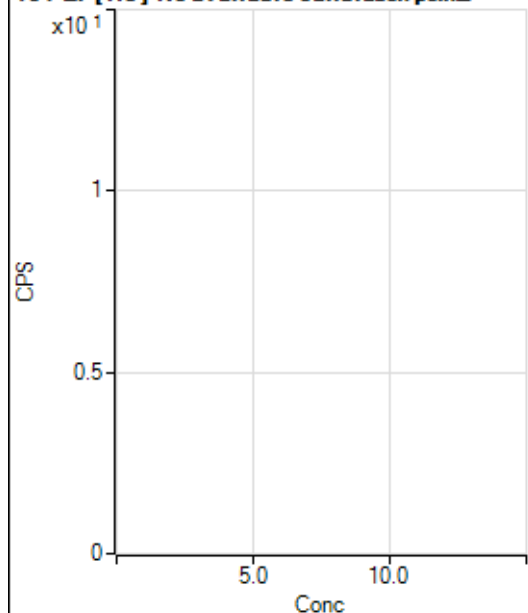
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	75.5
2	☐			44.44		P	43.3
3	☐			44.45		P	65.8
4	☐			38.89		P	44.6
5	☐			66.67		P	12.5
6	☐			83.33		P	43.6
7	☐			116.67		P	37.1
8	☐			222.23		P	18.5

160 Gd [He] No available calibration points

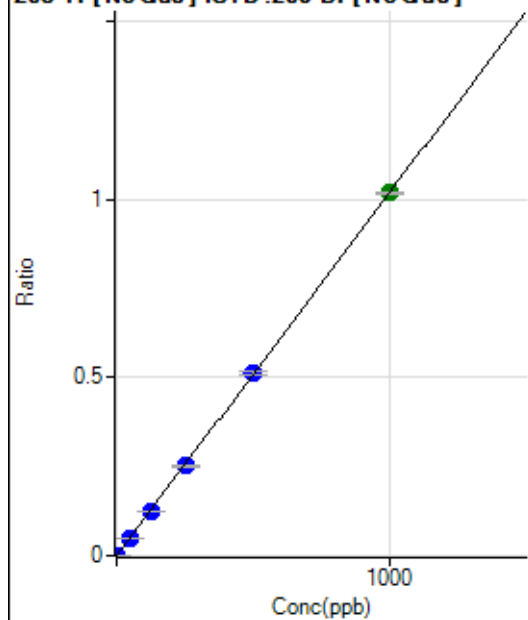
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	88.2
2	☐			10.00		P	0.0
3	☐			11.11		P	17.3
4	☐			11.11		P	34.6
5	☐			22.22		P	31.2
6	☐			24.44		P	41.7
7	☐			36.67		P	32.8
8	☐			136.67		P	10.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐			30.56		P	56.8
3	☐			22.22		P	114.6
4	☐			16.67		P	50.0
5	☐			19.44		P	65.5
6	☐			25.00		P	66.7
7	☐			52.78		P	39.7
8	☐			58.34		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			5.55		P	124.9
3	☐			6.66		P	86.6
4	☐			6.67		P	100.0
5	☐			6.67		P	0.0
6	☐			15.55		P	44.6
7	☐			26.66		P	43.3
8	☐			18.89		P	73.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.9
2	☐	1.000	0.915	1680.71	0.0010	P	5.5
3	☐	50.000	49.244	95520.35	0.0502	P	1.4
4	☐	125.000	123.729	240652.24	0.1260	P	0.4
5	☐	250.000	246.513	480023.10	0.2511	P	2.5
6	☐	500.000	502.507	955019.33	0.5118	P	1.5
7	☐	1000.000	999.815	1956753.10	1.0184	A	0.5
8	☐			808.38	0.0004	P	11.4

$$y = 0.0010 * x + 2.0982E-005$$

$$R = 1.0000$$

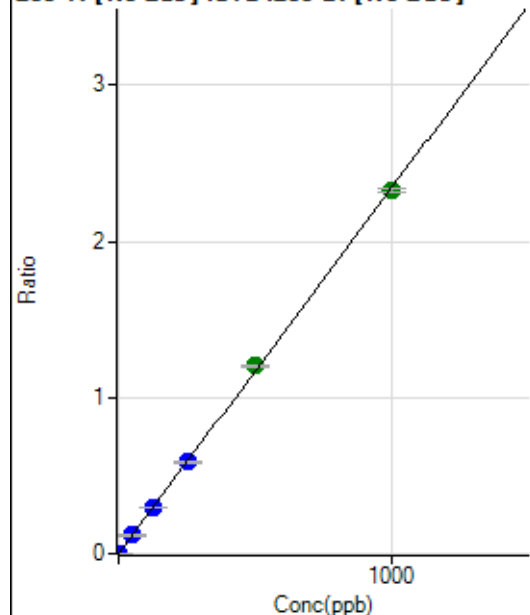
$$DL = 0.02036$$

$$BEC = 0.0206$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	13.6
2	☐	1.000	0.981	4136.89	0.0023	P	7.6
3	☐	50.000	49.958	222819.76	0.1170	P	1.0
4	☐	125.000	126.735	566762.48	0.2968	P	1.5
5	☐	250.000	251.560	1126438.58	0.5892	P	1.9
6	☐	500.000	513.897	2245723.42	1.2035	A	0.8
7	☐	1000.000	992.447	4466079.66	2.3243	A	1.0
8	☐			1872.42	0.0010	P	0.9

$$y = 0.0023 * x + 4.7917E-005$$

$$R = 0.9999$$

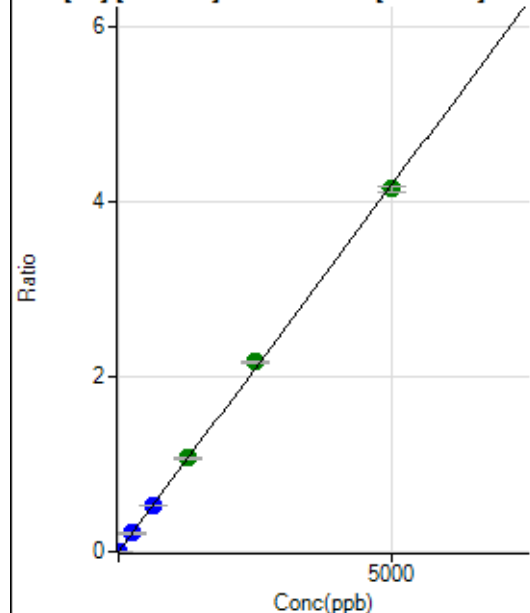
$$DL = 0.008369$$

$$BEC = 0.02046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	259.27	0.0001	P	10.2
2	☐	1.000	0.996	1714.96	0.0010	P	9.6
3	☐	250.000	249.088	396986.50	0.2085	P	0.8
4	☐	625.000	620.742	991795.22	0.5195	P	1.1
5	☐	1250.000	1276.320	2041776.15	1.0679	A	1.9
6	☐	2500.000	2590.358	4043890.60	2.1673	A	1.0
7	☐	5000.000	4948.819	7955682.93	4.1404	A	1.3
8	☐			2974.47	0.0016	P	5.2

$$y = 8.3661E-004 * x + 1.3990E-004$$

$$R = 0.9997$$

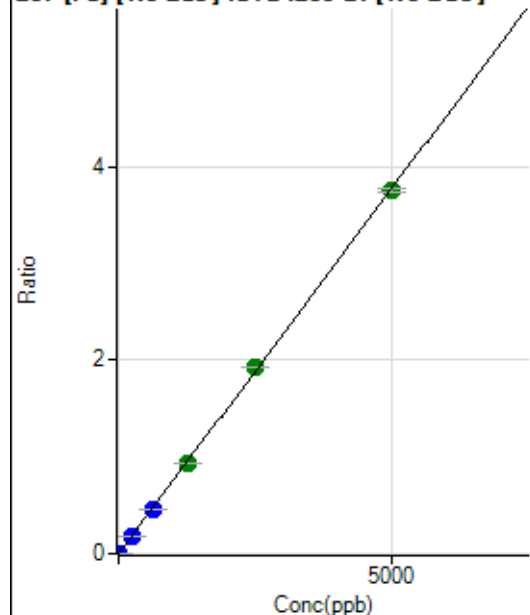
$$DL = 0.05116$$

$$BEC = 0.1672$$

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	207.41	0.0001	P	11.3
2	☐	1.000	0.846	1322.32	0.0007	P	7.3
3	☐	250.000	245.366	352475.11	0.1852	P	0.6
4	☐	625.000	616.217	887503.86	0.4648	P	0.8
5	☐	1250.000	1248.922	1801361.01	0.9420	A	0.3
6	☐	2500.000	2559.785	3602318.98	1.9306	A	0.2
7	☐	5000.000	4971.707	7204592.00	3.7495	A	1.0
8	☐			2483.62	0.0014	P	6.8

$$y = 7.5414\text{E-}004 * x + 1.1181\text{E-}004$$

$$R = 0.9999$$

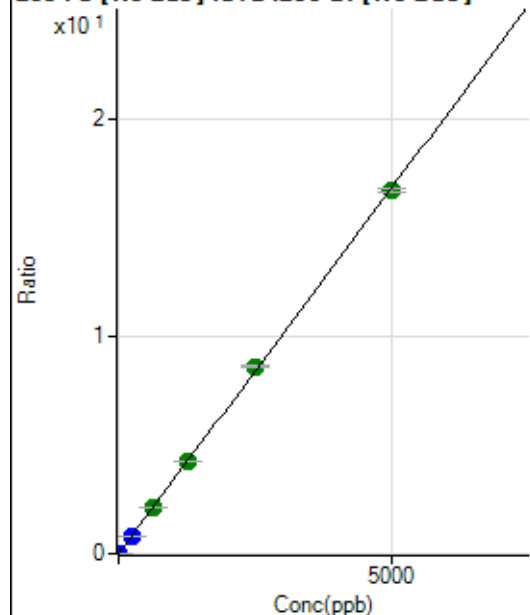
$$DL = 0.05027$$

$$BEC = 0.1483$$

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	963.00	0.0005	P	9.6
2	☐	1.000	0.919	6367.39	0.0036	P	5.4
3	☐	250.000	247.864	1587814.08	0.8341	P	0.7
4	☐	625.000	626.765	4025399.52	2.1083	A	0.9
5	☐	1250.000	1264.867	8134404.00	4.2542	A	1.0
6	☐	2500.000	2564.044	16090173.94	8.6232	A	0.7
7	☐	5000.000	4964.147	32078351.70	16.6945	A	0.9
8	☐			11511.47	0.0063	P	2.4

$$y = 0.0034 * x + 5.1953\text{E-}004$$

$$R = 0.9999$$

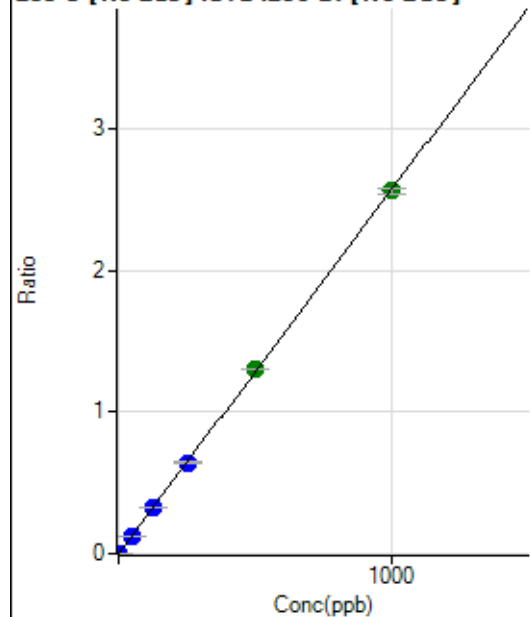
$$DL = 0.04444$$

$$BEC = 0.1545$$

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	13.89	0.0000	P	91.3
2	☐	1.000	0.934	4245.25	0.0024	P	5.1
3	☐	50.000	49.137	240556.40	0.1264	P	1.5
4	☐	125.000	125.778	617602.48	0.3235	P	0.7
5	☐	250.000	248.664	1222600.24	0.6395	P	1.9
6	☐	500.000	506.616	2431063.73	1.3028	A	0.6
7	☐	1000.000	996.972	4926492.90	2.5639	A	1.3
8	☐			508.36	0.0003	P	16.0

$$y = 0.0026 * x + 7.4739E-006$$

$$R = 1.0000$$

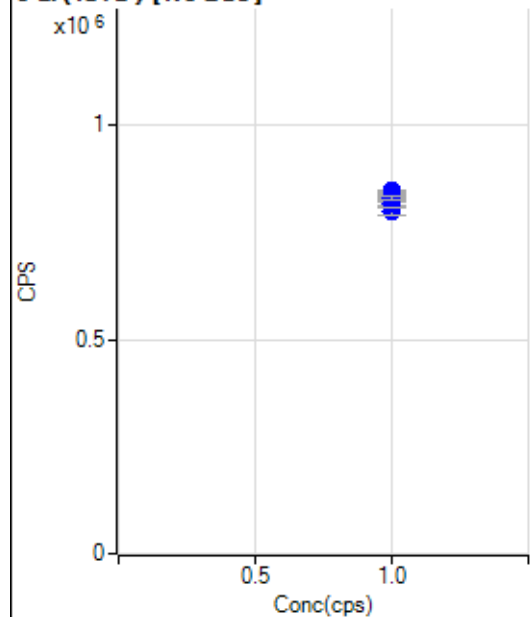
$$DL = 0.00796$$

$$BEC = 0.002906$$

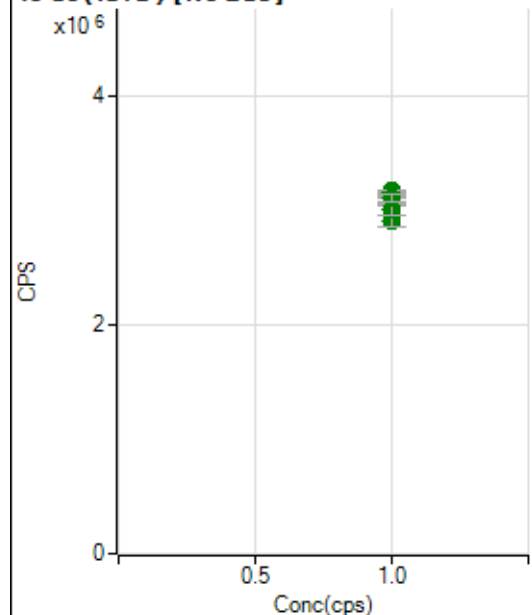
Weight: <None>

Min Conc: 0

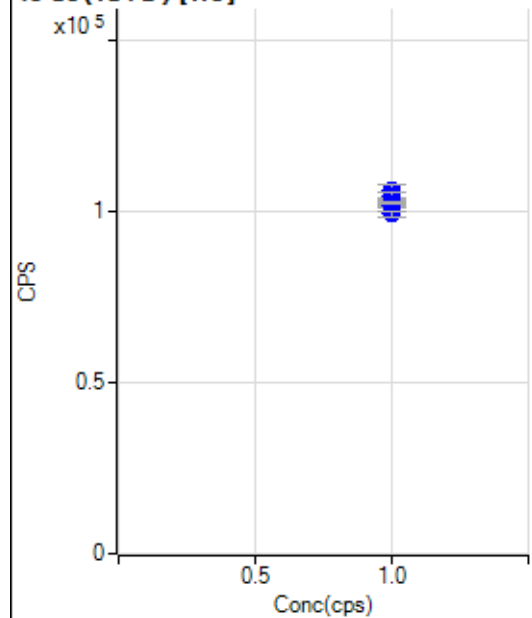
6 Li (ISTD) [No Gas]



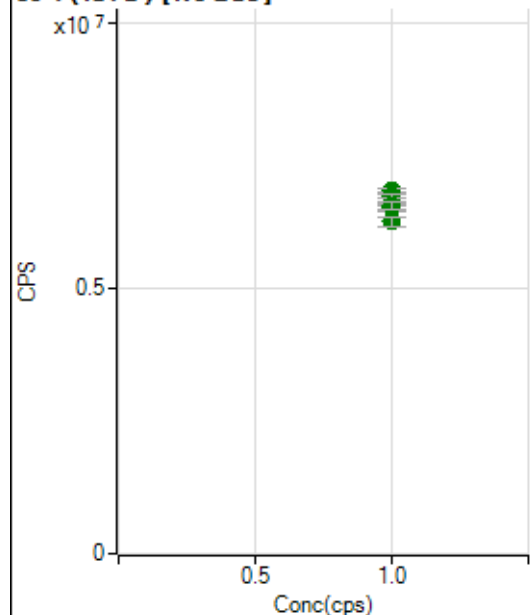
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		827592.65		P	1.1
2	☐	1.000		800056.90		P	3.1
3	☐	1.000		845193.76		P	1.0
4	☐	1.000		846226.58		P	0.7
5	☐	1.000		844001.86		P	0.3
6	☐	1.000		814817.89		P	1.4
7	☐	1.000		837351.83		P	0.6
8	☐	1.000		831144.52		P	0.9

45 Sc (ISTD) [No Gas]

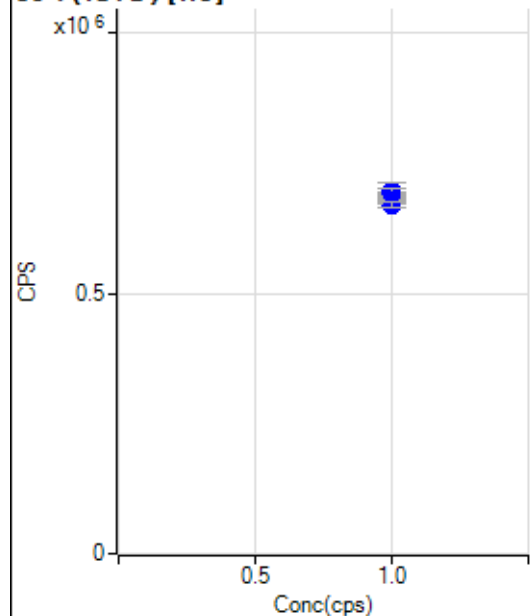
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3041188.01		A	0.6
2	☐	1.000		2900556.94		A	3.6
3	☐	1.000		3126620.75		A	1.3
4	☐	1.000		3133942.56		A	1.0
5	☐	1.000		3165910.89		A	0.3
6	☐	1.000		3011307.73		A	3.4
7	☐	1.000		3160203.36		A	1.0
8	☐	1.000		3101302.80		A	2.4

45 Sc (ISTD) [He]

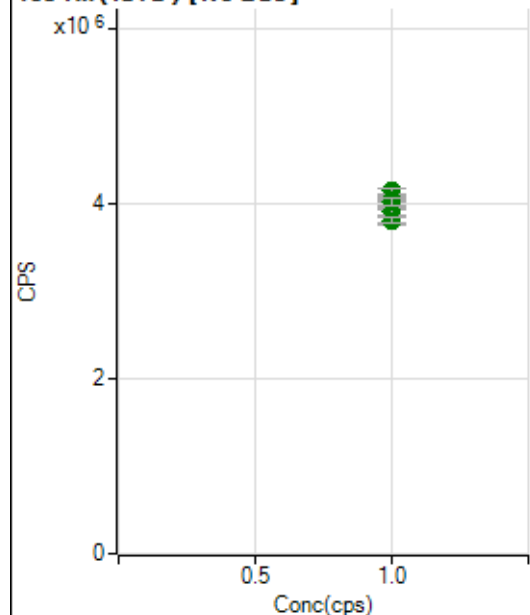
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		106136.73		P	3.7
2	☐	1.000		102205.82		P	0.2
3	☐	1.000		102891.82		P	2.5
4	☐	1.000		102773.99		P	1.5
5	☐	1.000		104751.90		P	2.4
6	☐	1.000		101829.68		P	1.0
7	☐	1.000		102558.12		P	0.5
8	☐	1.000		99367.67		P	2.0

89 Y (ISTD) [No Gas]

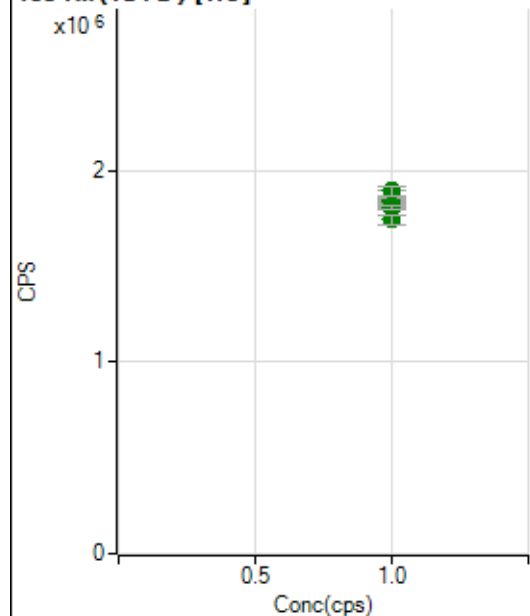
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6571648.72		A	0.2
2	☐	1.000		6260862.13		A	3.0
3	☐	1.000		6847262.89		A	1.0
4	☐	1.000		6753769.90		A	0.7
5	☐	1.000		6748037.05		A	0.9
6	☐	1.000		6541314.28		A	2.3
7	☐	1.000		6753525.87		A	1.0
8	☐	1.000		6568578.93		A	2.4

89 Y (ISTD) [He]

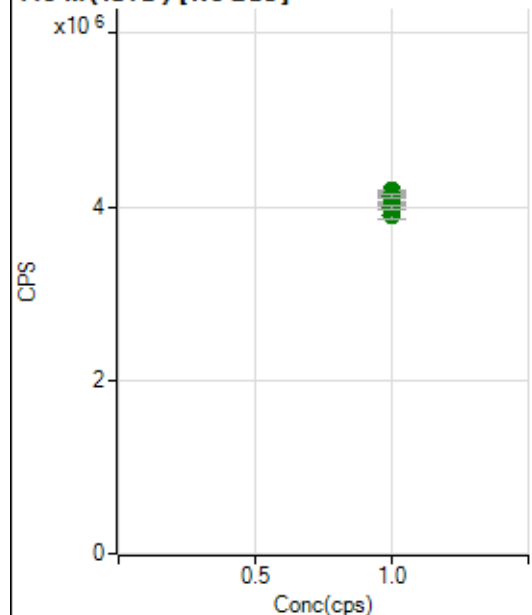
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		697298.51		P	4.3
2	☐	1.000		669726.42		P	1.2
3	☐	1.000		681494.98		P	2.3
4	☐	1.000		691173.92		P	1.2
5	☐	1.000		693529.05		P	2.5
6	☐	1.000		679401.58		P	0.7
7	☐	1.000		678963.34		P	0.2
8	☐	1.000		670307.84		P	1.9

103 Rh (ISTD) [No Gas]

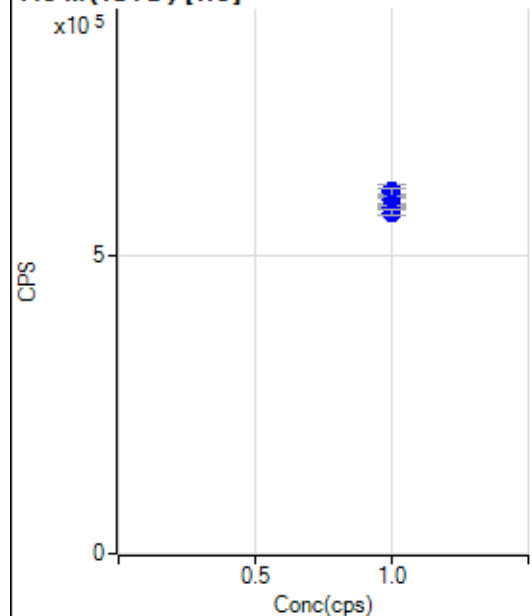
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4026937.33		A	0.5
2	☐	1.000		3849907.59		A	4.7
3	☐	1.000		4089830.56		A	0.7
4	☐	1.000		4142741.41		A	1.3
5	☐	1.000		4034021.23		A	0.3
6	☐	1.000		3911519.44		A	1.9
7	☐	1.000		4019433.77		A	1.8
8	☐	1.000		3808853.56		A	2.1

103 Rh (ISTD) [He]

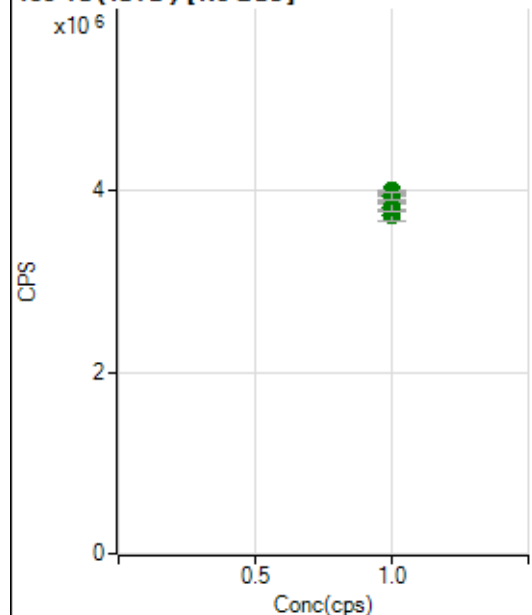
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1869743.83		A	3.1
2	☐	1.000		1838008.81		A	1.5
3	☐	1.000		1849548.67		A	4.9
4	☐	1.000		1860621.97		A	0.5
5	☐	1.000		1895241.74		A	2.6
6	☐	1.000		1819143.24		A	0.6
7	☐	1.000		1808639.82		A	0.9
8	☐	1.000		1744067.94		A	2.9

115 In (ISTD) [No Gas]

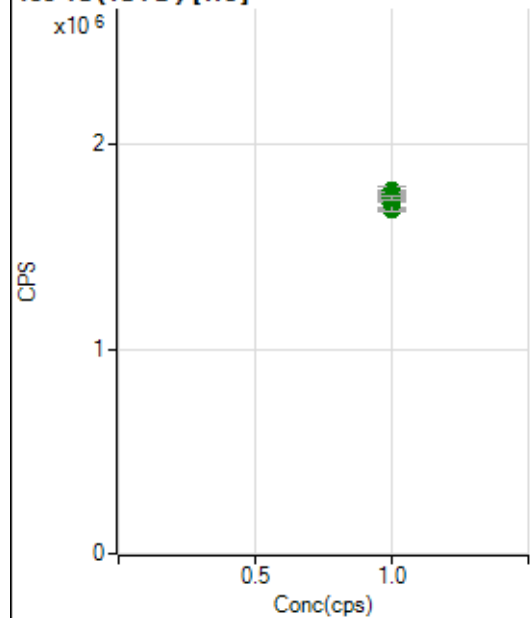
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4097029.52		A	1.4
2	☐	1.000		3913470.60		A	3.3
3	☐	1.000		4162997.75		A	1.1
4	☐	1.000		4184143.75		A	0.8
5	☐	1.000		4111547.49		A	0.7
6	☐	1.000		3994967.22		A	1.7
7	☐	1.000		4121903.99		A	0.8
8	☐	1.000		3990142.67		A	1.4

115 In (ISTD) [He]

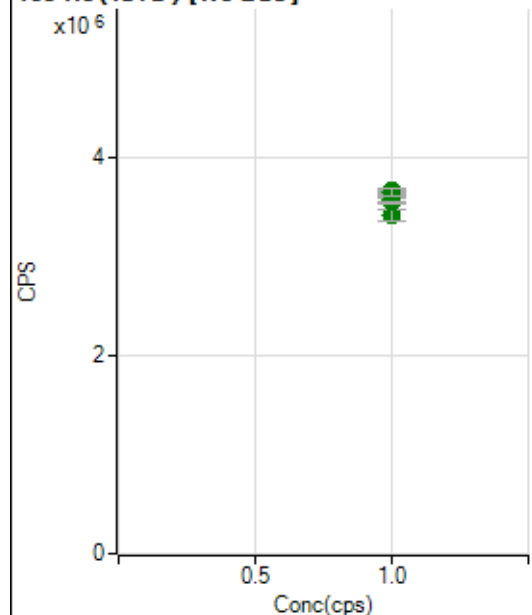
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		609150.92		P	3.4
2	☐	1.000		583393.37		P	0.9
3	☐	1.000		594848.79		P	2.4
4	☐	1.000		601041.22		P	0.7
5	☐	1.000		607111.84		P	2.6
6	☐	1.000		586894.67		P	0.8
7	☐	1.000		581014.94		P	0.7
8	☐	1.000		572954.41		P	2.1

159 Tb (ISTD) [No Gas]

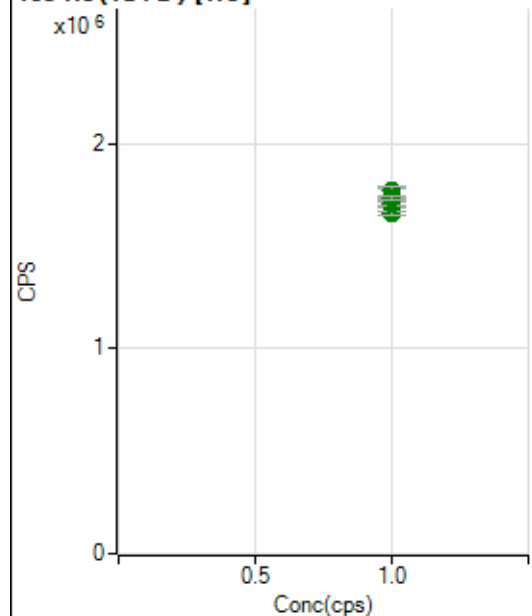
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3853251.12		A	0.3
2	☐	1.000		3731363.04		A	3.4
3	☐	1.000		3947376.75		A	0.2
4	☐	1.000		3998253.03		A	0.5
5	☐	1.000		3965901.05		A	1.6
6	☐	1.000		3823340.12		A	3.1
7	☐	1.000		3977699.60		A	1.1
8	☐	1.000		3950742.62		A	2.2

159 Tb (ISTD) [He]

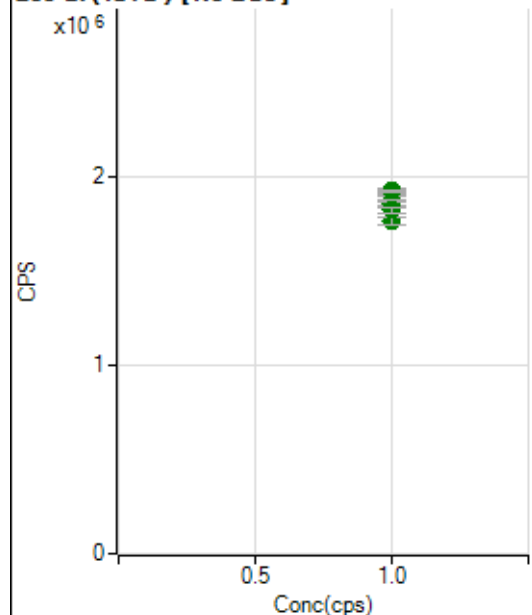
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1744431.29		A	3.2
2	☐	1.000		1682627.46		A	0.7
3	☐	1.000		1706802.23		A	3.8
4	☐	1.000		1743838.90		A	0.8
5	☐	1.000		1771973.05		A	3.0
6	☐	1.000		1745442.49		A	1.8
7	☐	1.000		1756173.24		A	1.2
8	☐	1.000		1737046.62		A	1.4

165 Ho (ISTD) [No Gas]

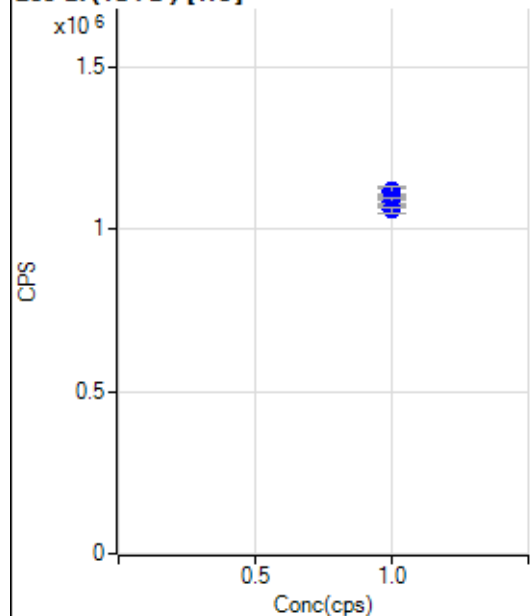
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3576478.47		A	1.3
2	☐	1.000		3411778.57		A	3.6
3	☐	1.000		3603504.77		A	0.8
4	☐	1.000		3658831.38		A	1.1
5	☐	1.000		3650066.75		A	0.4
6	☐	1.000		3544403.03		A	0.5
7	☐	1.000		3645672.57		A	1.0
8	☐	1.000		3653186.80		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1745621.71		A	3.8
2	☐	1.000		1656616.85		A	1.2
3	☐	1.000		1706957.82		A	2.5
4	☐	1.000		1710161.64		A	1.2
5	☐	1.000		1769808.22		A	2.7
6	☐	1.000		1738833.59		A	0.7
7	☐	1.000		1738811.14		A	0.4
8	☐	1.000		1736167.94		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1853907.58		A	0.8
2	☐	1.000		1763958.03		A	2.1
3	☐	1.000		1903714.80		A	0.7
4	☐	1.000		1909349.64		A	0.7
5	☐	1.000		1912369.35		A	2.2
6	☐	1.000		1865958.04		A	0.5
7	☐	1.000		1921478.76		A	0.3
8	☐	1.000		1820773.64		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1110165.31		P	2.6
2	☐	1.000		1066943.87		P	0.7
3	☐	1.000		1084912.30		P	3.1
4	☐	1.000		1097896.53		P	1.3
5	☐	1.000		1116371.86		P	2.3
6	☐	1.000		1091181.97		P	0.2
7	☐	1.000		1085641.16		P	1.7
8	☐	1.000		1056464.50		P	1.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8072220 MS.b
Acq. Date-Time 2020-07-22 12:46:33
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2161	21605.62			0.786	5.000
24		25069	250690.94			1.035	5.000
25		3344	33443.51			0.680	5.000
26		3978	39776.48			0.962	5.000
59		17281	172806.00			1.096	5.000
113		2331	23311.28			1.858	5.000
115		7062	70616.08			1.129	5.000
206		1740	17402.83			2.000	5.000
207		1462	14618.20			1.921	5.000
208		3595	35949.45			2.165	5.000
220		1	10.20			10.165	

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

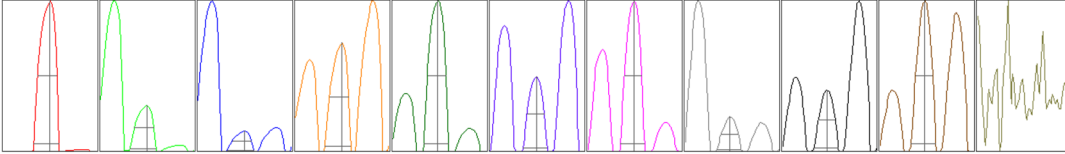
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2138	2180	2156	2176	2154
24	24726	25091	24897	25329	25301
25	3324	3348	3318	3369	3363
26	3921	3965	3978	4019	4005
59	17006	17188	17305	17454	17449
113	2262	2318	2371	2353	2352
115	6925	7088	7105	7127	7063
206	1687	1727	1756	1755	1777
207	1413	1463	1472	1479	1482
208	3471	3576	3614	3641	3672

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3680.45	9.00	8.90 - 9.10	
24	43312.45	24.00	23.90 - 24.10	
25	5775.85	25.00	24.90 - 25.10	
26	6835.85	26.00	25.90 - 26.10	
59	30504.45	58.95	58.90 - 59.10	
113	4518.31	113.00	112.90 - 113.10	
115	13617.26	115.00	114.90 - 115.10	
206	3381.92	205.95	205.90 - 206.10	
207	2782.29	206.95	206.90 - 207.10	
208	6865.60	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.786	0.900	
24	0.62	0.825	0.900	
25	0.61	0.829	0.900	
26	0.62	0.825	0.900	
59	0.59	0.781	0.900	
113	0.54	0.764	0.900	
115	0.54	0.767	0.900	
206	0.54	0.758	0.900	
207	0.54	0.777	0.900	
208	0.55	0.784	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	13.6 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	-0.2 mm
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EM

Discriminator	4.0 mV	Analog HV	2167 V	Pulse HV	1258 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4112	41124.81			3.040	
89		6845	68446.27			3.253	
205		4782	47816.73			3.341	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3893	4128	4178	4192	4172
89	6463	6846	6937	7027	6950
205	4502	4870	4801	4843	4892

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-225.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.0 mV	Analog HV	2167 V	Pulse HV	1258 V

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.74	-0.68	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.52	-0.35	-0.16	0.00	N/A	ppb
Boron	11-1	-0.12	-0.02	0.14	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.66	-0.52	-0.14	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.11	-0.09	0.00	N/A	ppb
Calcium	43-1	6.05	-5.84	-0.21	0.00	N/A	ppb
Calcium	44-1	3.68	2.50	-6.18	0.00	N/A	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.25	0.83	-1.08	0.00	N/A	ppb
Iron	56-2	0.07	-0.02	-0.05	0.00	N/A	ppb
Iron	57-2	-1.40	1.93	-0.52	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lead	207-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1.28	-1.63	0.35	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.01	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	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-6.98	-10.14	4.68	-4.15		ppb
Potassium	39-2	1.63	7.87	-9.51	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.86	-0.41	1.26	0.00	N/A	ppb
Selenium	77-2	-1.06	-2.93	4.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.13	-0.17	0.00	N/A	ppb
Silicon	28-1	1.46	-0.09	-1.36	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	9.56	-2.17	-7.38	0.00	N/A	ppb
Strontium	86-1	-0.05	-0.05	0.09	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-858.63	-548.21	-1090.52	-832.45		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.12	0.24	-0.12	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.09	-0.01	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.01	-0.02	0.00	N/A	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.13	20.51	21.86	21.50	4.05	ppb
Antimony	121-1	1.84	1.89	1.94	1.89	2.49	ppb
Arsenic	75-2	1.08	0.84	0.98	0.97	12.19	ppb
Barium	135-1	9.70	10.32	9.62	9.88	3.85	ppb
Barium	137-1	9.48	10.56	9.63	9.89	5.92	ppb
Beryllium	9-1	0.93	1.02	1.06	1.00	6.41	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	21.89	24.61	25.80	24.10	8.30	ppb
Boron	11-1	20.09	23.64	24.63	22.79	10.47	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.27	1.25	1.19	9.99	ppb
Cadmium	106-1	1.06	2.45	2.87	2.13	44.48	ppb
Cadmium	108-1	1.00	1.42	1.06	1.16	19.63	ppb
Calcium	43-1	507.83	533.16	519.42	520.14	2.44	ppb
Calcium	44-1	482.42	582.71	557.00	540.71	9.63	ppb
Chromium	52-2	1.85	1.70	1.89	1.82	5.57	ppb
Cobalt	59-2	0.93	0.94	0.94	0.94	0.74	ppb
Copper	63-2	1.94	2.11	2.06	2.04	4.22	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				95		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	52.36	46.32	45.66	48.11	7.67	ppb
Iron	56-2	48.64	49.08	48.04	48.59	1.08	ppb
Iron	57-2	44.97	40.60	43.43	43.00	5.16	ppb
Krypton	83-1						cps
Lead	206-1	0.87	1.08	1.04	1.00	11.21	ppb
Lead	207-1	0.80	0.93	0.81	0.85	8.57	ppb
Lead	208-1	0.86	0.98	0.91	0.92	6.27	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	484.66	461.34	481.83	475.94	2.67	ppb
Manganese	55-2	0.89	0.92	1.11	0.97	12.22	ppb
Molybdenum	94-1	4.52	5.06	5.04	4.87	6.29	ppb
Molybdenum	95-1	4.39	5.16	4.86	4.80	8.04	ppb
Molybdenum	96-1	4.51	5.08	4.90	4.83	6.11	ppb
Molybdenum	97-1	4.19	5.21	5.18	4.86	11.90	ppb
Molybdenum	98-1	4.82	5.10	4.76	4.89	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.01	1.04	1.01	2.92	ppb
Phosphorus	31-2	-38.43	57.43	-6.56	4.15	1177.25	ppb
Potassium	39-2	451.78	474.10	480.32	468.73	3.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	5.01	5.49	4.35	4.95	11.59	ppb
Selenium	77-2	2.82	0.84	0.81	1.49	77.07	ppb
Selenium	78-2	5.00	4.47	4.22	4.57	8.71	ppb
Silicon	28-1	15.53	34.06	28.84	26.14	36.55	ppb
Silver	109-1	0.91	1.11	1.00	1.00	9.97	ppb
Silver	107-1	0.96	1.00	1.00	0.99	2.09	ppb
Sodium	23-2	490.86	487.47	496.19	491.51	0.89	ppb
Strontium	86-1	0.74	0.90	0.91	0.85	11.40	ppb
Strontium	88-1	0.94	1.04	1.01	1.00	5.34	ppb
Sulfur	34-1	-357.54	1769.08	1085.83	832.45	130.42	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.89	0.88	0.97	0.92	5.62	ppb
Thallium	205-1	0.98	1.06	0.90	0.98	7.72	ppb
Tin	118-1	4.68	4.89	4.72	4.76	2.43	ppb
Titanium	47-1	4.33	5.12	4.92	4.79	8.65	ppb
Uranium	238-1	0.88	0.95	0.97	0.93	5.16	ppb
Vanadium	51-2	4.70	4.41	4.86	4.66	4.92	ppb
Yttrium	89-1				95		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	1.87	2.07	1.71	1.88	9.56	ppb
Zirconium	90-1	1.01	1.03	0.95	0.99	4.15	ppb
Zirconium	91-1	0.96	1.08	0.97	1.00	6.76	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:30:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1054.84	991.14	977.51	1007.83	4.10	ppb
Antimony	121-1	49.95	51.56	50.55	50.69	1.61	ppb
Arsenic	75-2	53.14	49.98	50.25	51.12	3.42	ppb
Barium	135-1	251.82	256.32	251.61	253.25	1.05	ppb
Barium	137-1	253.61	260.23	254.88	256.24	1.37	ppb
Beryllium	9-1	49.96	50.63	51.44	50.68	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	43.75	50.72	49.91	48.12	7.92	ppb
Boron	11-1	42.07	48.09	51.16	47.11	9.81	ppb
Bromine	81-1						cps
Cadmium	111-1	50.23	51.12	50.13	50.49	1.08	ppb
Cadmium	106-1	51.89	49.61	50.57	50.69	2.26	ppb
Cadmium	108-1	53.32	48.33	49.71	50.45	5.11	ppb
Calcium	43-1	5290.40	5312.51	5279.46	5294.12	0.32	ppb
Calcium	44-1	5440.21	5386.01	5388.69	5404.97	0.57	ppb
Chromium	52-2	54.18	51.53	50.43	52.05	3.70	ppb
Cobalt	59-2	53.61	50.89	49.53	51.34	4.05	ppb
Copper	63-2	552.89	521.36	513.78	529.35	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	2756.05	2597.23	2587.44	2646.91	3.58	ppb
Iron	56-2	2768.28	2603.73	2554.24	2642.09	4.24	ppb
Iron	57-2	2814.65	2579.54	2572.75	2655.65	5.19	ppb
Krypton	83-1						cps
Lead	206-1	246.76	250.58	249.93	249.09	0.82	ppb
Lead	207-1	244.01	247.07	245.01	245.37	0.64	ppb
Lead	208-1	246.11	249.77	247.72	247.86	0.74	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:30:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	5682.99	5359.39	5312.03	5451.47	3.70	ppb
Manganese	55-2	543.68	509.98	506.26	519.97	3.96	ppb
Molybdenum	94-1	247.77	254.17	249.79	250.58	1.31	ppb
Molybdenum	95-1	245.08	249.51	247.61	247.40	0.90	ppb
Molybdenum	96-1	249.38	248.63	249.09	249.03	0.15	ppb
Molybdenum	97-1	253.08	250.11	250.96	251.38	0.61	ppb
Molybdenum	98-1	249.22	250.95	250.63	250.27	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.08	51.71	51.06	52.28	3.04	ppb
Phosphorus	31-2	1119.58	978.66	1121.91	1073.38	7.64	ppb
Potassium	39-2	2842.68	2623.99	2624.74	2697.14	4.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	48.77	51.59	50.13	50.16	2.81	ppb
Selenium	77-2	50.56	48.60	53.79	50.98	5.14	ppb
Selenium	78-2	60.19	51.98	55.72	55.97	7.35	ppb
Silicon	28-1	65.19	61.99	67.71	64.97	4.41	ppb
Silver	109-1	52.67	51.80	50.86	51.78	1.75	ppb
Silver	107-1	51.01	51.33	50.82	51.05	0.50	ppb
Sodium	23-2	5635.80	5340.44	5249.09	5408.45	3.74	ppb
Strontium	86-1	48.90	49.07	48.93	48.97	0.19	ppb
Strontium	88-1	49.83	50.20	50.56	50.19	0.73	ppb
Sulfur	34-1	-129.14	-1596.39	-1091.90	-939.14		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	48.71	50.02	49.00	49.24	1.40	ppb
Thallium	205-1	49.42	50.46	49.99	49.96	1.05	ppb
Tin	118-1	50.19	50.61	50.27	50.35	0.44	ppb
Titanium	47-1	260.13	249.82	255.45	255.13	2.02	ppb
Uranium	238-1	49.64	49.46	48.31	49.14	1.48	ppb
Vanadium	51-2	53.19	51.15	50.48	51.61	2.74	ppb
Yttrium	89-1				104		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:30:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	543.96	513.38	513.91	523.75	3.34	ppb
Zirconium	90-1	50.31	50.13	50.32	50.25	0.22	ppb
Zirconium	91-1	49.41	49.76	50.37	49.84	0.97	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:33:56 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2488.16	2488.47	2491.91	2489.51	0.08	ppb
Antimony	121-1	126.90	125.54	125.49	125.98	0.63	ppb
Arsenic	75-2	124.71	127.35	129.02	127.02	1.71	ppb
Barium	135-1	637.46	623.61	629.58	630.22	1.10	ppb
Barium	137-1	642.88	639.07	631.79	637.91	0.88	ppb
Beryllium	9-1	125.74	126.30	126.67	126.24	0.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	109.43	120.90	125.00	118.44	6.82	ppb
Boron	11-1	109.19	121.06	128.72	119.66	8.23	ppb
Bromine	81-1						cps
Cadmium	111-1	125.60	124.77	126.16	125.51	0.56	ppb
Cadmium	106-1	130.02	120.71	124.62	125.11	3.73	ppb
Cadmium	108-1	127.17	125.44	127.50	126.70	0.87	ppb
Calcium	43-1	13261.70	13336.25	13321.82	13306.59	0.30	ppb
Calcium	44-1	13109.84	13339.80	13224.04	13224.56	0.87	ppb
Chromium	52-2	127.33	127.66	128.76	127.92	0.58	ppb
Cobalt	59-2	128.15	128.71	129.61	128.83	0.57	ppb
Copper	63-2	1334.33	1320.36	1319.36	1324.68	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	6428.31	6601.64	6539.14	6523.03	1.35	ppb
Iron	56-2	6514.94	6370.05	6599.81	6494.93	1.79	ppb
Iron	57-2	6557.35	6520.39	6575.68	6551.14	0.43	ppb
Krypton	83-1						cps
Lead	206-1	612.87	625.60	623.76	620.74	1.11	ppb
Lead	207-1	610.48	617.84	620.33	616.22	0.83	ppb
Lead	208-1	621.22	627.15	631.92	626.77	0.86	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:33:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	13262.32	13352.93	13437.81	13351.02	0.66	ppb
Manganese	55-2	1279.32	1279.96	1290.31	1283.19	0.48	ppb
Molybdenum	94-1	647.90	633.38	640.95	640.75	1.13	ppb
Molybdenum	95-1	636.11	620.57	626.01	627.56	1.26	ppb
Molybdenum	96-1	633.52	629.21	630.33	631.02	0.35	ppb
Molybdenum	97-1	641.48	631.21	637.47	636.72	0.81	ppb
Molybdenum	98-1	653.24	631.82	647.42	644.16	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.48	128.85	130.14	129.16	0.68	ppb
Phosphorus	31-2	2657.58	2434.48	2458.58	2516.88	4.86	ppb
Potassium	39-2	6582.19	6760.56	6657.87	6666.87	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	129.05	125.78	128.24	127.69	1.33	ppb
Selenium	77-2	122.70	115.39	121.69	119.92	3.30	ppb
Selenium	78-2	132.92	121.84	127.80	127.52	4.35	ppb
Silicon	28-1	129.61	138.65	135.92	134.73	3.44	ppb
Silver	109-1	128.75	128.07	126.70	127.84	0.82	ppb
Silver	107-1	126.98	127.21	124.33	126.17	1.27	ppb
Sodium	23-2	13187.65	13261.98	13098.42	13182.68	0.62	ppb
Strontium	86-1	126.37	124.08	126.26	125.57	1.03	ppb
Strontium	88-1	127.36	127.69	128.13	127.73	0.30	ppb
Sulfur	34-1	750.04	964.08	224.18	646.10	58.93	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	123.35	124.25	123.59	123.73	0.38	ppb
Thallium	205-1	124.59	128.03	127.59	126.73	1.48	ppb
Tin	118-1	125.15	125.74	124.04	124.98	0.69	ppb
Titanium	47-1	636.57	638.90	636.98	637.48	0.19	ppb
Uranium	238-1	126.49	126.06	124.79	125.78	0.70	ppb
Vanadium	51-2	124.99	126.02	127.28	126.10	0.91	ppb
Yttrium	89-1				103		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:33:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	1299.57	1309.53	1303.68	1304.26	0.38	ppb
Zirconium	90-1	129.42	127.61	129.30	128.78	0.78	ppb
Zirconium	91-1	127.33	128.97	125.64	127.31	1.31	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:37:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4971.37	4654.64	4913.20	4846.40	3.48	ppb
Antimony	121-1	244.05	256.53	253.50	251.36	2.59	ppb
Arsenic	75-2	255.61	241.83	253.92	250.46	3.00	ppb
Barium	135-1	1226.74	1257.98	1276.59	1253.77	2.01	ppb
Barium	137-1	1208.05	1249.85	1283.96	1247.29	3.05	ppb
Beryllium	9-1	252.61	250.20	251.59	251.47	0.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	217.16	235.93	250.71	234.60	7.17	ppb
Boron	11-1	217.80	237.05	254.33	236.39	7.73	ppb
Bromine	81-1						cps
Cadmium	111-1	246.84	255.30	253.70	251.95	1.78	ppb
Cadmium	106-1	250.90	257.01	254.79	254.23	1.22	ppb
Cadmium	108-1	243.23	245.82	249.96	246.34	1.38	ppb
Calcium	43-1	25464.55	26251.74	25839.10	25851.80	1.52	ppb
Calcium	44-1	25057.82	25645.80	25626.90	25443.50	1.31	ppb
Chromium	52-2	255.77	242.39	253.57	250.58	2.86	ppb
Cobalt	59-2	253.04	240.25	252.59	248.62	2.92	ppb
Copper	63-2	2608.32	2502.73	2569.72	2560.26	2.09	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				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	12914.04	12164.34	12889.90	12656.09	3.37	ppb
Iron	56-2	12973.30	12158.08	12840.49	12657.29	3.46	ppb
Iron	57-2	13045.98	12230.98	12851.74	12709.57	3.35	ppb
Krypton	83-1						cps
Lead	206-1	1303.13	1268.93	1256.90	1276.32	1.88	ppb
Lead	207-1	1248.53	1253.05	1245.19	1248.92	0.32	ppb
Lead	208-1	1273.89	1269.78	1250.93	1264.87	0.97	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:37:01 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	26164.34	24945.48	26366.02	25825.28	2.98	ppb
Manganese	55-2	2558.07	2416.51	2545.97	2506.85	3.13	ppb
Molybdenum	94-1	1225.04	1245.13	1288.81	1253.00	2.60	ppb
Molybdenum	95-1	1233.83	1258.95	1266.77	1253.19	1.37	ppb
Molybdenum	96-1	1260.34	1254.93	1283.12	1266.13	1.18	ppb
Molybdenum	97-1	1256.65	1246.41	1270.96	1258.00	0.98	ppb
Molybdenum	98-1	1257.24	1251.03	1272.83	1260.37	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.53	246.67	260.03	254.74	2.79	ppb
Phosphorus	31-2	5296.78	4661.07	5204.77	5054.21	6.80	ppb
Potassium	39-2	13061.91	12574.88	13105.19	12913.99	2.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	253.61	253.81	248.46	251.96	1.20	ppb
Selenium	77-2	252.12	265.39	246.21	254.57	3.86	ppb
Selenium	78-2	259.51	251.03	254.39	254.97	1.68	ppb
Silicon	28-1	252.25	255.50	272.63	260.13	4.21	ppb
Silver	109-1	248.52	257.44	252.37	252.77	1.77	ppb
Silver	107-1	245.45	255.82	256.31	252.53	2.43	ppb
Sodium	23-2	26082.01	24740.40	25564.20	25462.21	2.66	ppb
Strontium	86-1	249.02	243.38	252.00	248.13	1.76	ppb
Strontium	88-1	251.37	247.96	254.68	251.34	1.34	ppb
Sulfur	34-1	3040.17	2874.14	2781.27	2898.53	4.53	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	252.56	246.85	240.13	246.51	2.52	ppb
Thallium	205-1	256.41	251.23	247.04	251.56	1.86	ppb
Tin	118-1	243.32	250.90	252.19	248.80	1.93	ppb
Titanium	47-1	1272.04	1273.32	1253.42	1266.26	0.88	ppb
Uranium	238-1	253.42	248.53	244.04	248.66	1.89	ppb
Vanadium	51-2	252.49	238.03	251.40	247.31	3.26	ppb
Yttrium	89-1				103		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:37:01	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2560.70	2451.36	2573.04	2528.37	2.65	ppb
Zirconium	90-1	249.69	248.23	252.31	250.08	0.83	ppb
Zirconium	91-1	248.29	253.49	253.04	251.61	1.15	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10062.16	9808.51	9893.03	9921.24	1.30	ppb
Antimony	121-1	535.72	510.36	506.48	517.52	3.07	ppb
Arsenic	75-2	503.66	508.71	498.82	503.73	0.98	ppb
Barium	135-1	2641.79	2550.42	2508.40	2566.87	2.66	ppb
Barium	137-1	2635.49	2588.55	2484.58	2569.54	3.01	ppb
Beryllium	9-1	512.05	509.83	511.60	511.16	0.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	452.62	499.00	534.09	495.24	8.25	ppb
Boron	11-1	457.02	499.74	533.21	496.66	7.69	ppb
Bromine	81-1						cps
Cadmium	111-1	534.40	506.23	498.87	513.17	3.65	ppb
Cadmium	106-1	528.22	516.16	511.24	518.54	1.68	ppb
Cadmium	108-1	541.32	511.38	496.97	516.56	4.38	ppb
Calcium	43-1	55692.99	54366.84	52508.99	54189.61	2.95	ppb
Calcium	44-1	54420.60	53283.27	51805.71	53169.86	2.47	ppb
Chromium	52-2	519.14	501.20	503.18	507.84	1.94	ppb
Cobalt	59-2	506.10	497.38	496.87	500.12	1.04	ppb
Copper	63-2	5210.95	5085.49	5026.10	5107.51	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	26451.72	25612.48	25975.95	26013.38	1.62	ppb
Iron	56-2	25930.43	25209.54	25662.27	25600.75	1.42	ppb
Iron	57-2	26257.72	25579.17	25598.16	25811.68	1.50	ppb
Krypton	83-1						cps
Lead	206-1	2570.36	2619.21	2581.51	2590.36	0.99	ppb
Lead	207-1	2562.19	2564.48	2552.68	2559.78	0.24	ppb
Lead	208-1	2562.34	2581.66	2548.14	2564.04	0.66	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	53311.77	50709.10	52159.55	52060.14	2.51	ppb
Manganese	55-2	5173.38	5037.13	5131.53	5114.01	1.36	ppb
Molybdenum	94-1	2605.07	2510.26	2504.62	2539.99	2.22	ppb
Molybdenum	95-1	2575.48	2492.77	2549.19	2539.15	1.66	ppb
Molybdenum	96-1	2575.28	2507.75	2553.75	2545.59	1.36	ppb
Molybdenum	97-1	2584.87	2504.42	2526.82	2538.70	1.64	ppb
Molybdenum	98-1	2593.42	2481.69	2543.07	2539.40	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.08	507.07	509.07	511.41	1.15	ppb
Phosphorus	31-2	10116.47	10046.72	10138.50	10100.56	0.47	ppb
Potassium	39-2	26004.41	25319.86	25930.76	25751.68	1.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	519.39	501.52	506.19	509.03	1.82	ppb
Selenium	77-2	517.11	506.45	487.90	503.82	2.93	ppb
Selenium	78-2	501.38	501.46	491.61	498.15	1.14	ppb
Silicon	28-1	570.34	559.69	556.22	562.08	1.31	ppb
Silver	109-1	536.76	516.19	514.50	522.48	2.37	ppb
Silver	107-1	542.15	515.41	501.15	519.57	4.01	ppb
Sodium	23-2	53438.99	50620.40	51867.86	51975.75	2.72	ppb
Strontium	86-1	522.99	515.17	501.19	513.11	2.15	ppb
Strontium	88-1	522.98	519.93	499.23	514.05	2.51	ppb
Sulfur	34-1	12824.34	10827.19	9948.22	11199.91	13.16	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	501.31	510.48	495.72	502.51	1.48	ppb
Thallium	205-1	509.68	517.37	514.64	513.90	0.76	ppb
Tin	118-1	530.29	506.45	498.54	511.76	3.23	ppb
Titanium	47-1	2669.87	2514.54	2548.73	2577.71	3.17	ppb
Uranium	238-1	504.84	504.66	510.34	506.62	0.64	ppb
Vanadium	51-2	512.58	502.39	502.62	505.86	1.15	ppb
Yttrium	89-1				100		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	5198.45	5045.60	5071.74	5105.26	1.60	ppb
Zirconium	90-1	514.66	516.47	504.76	511.97	1.23	ppb
Zirconium	91-1	528.02	514.75	513.62	518.80	1.54	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:43:00	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19345.76	19227.35	19427.72	19333.61	0.52	ppb
Antimony	121-1	984.59	989.23	998.42	990.74	0.71	ppb
Arsenic	75-2	1005.48	994.60	993.06	997.71	0.68	ppb
Barium	135-1	5009.27	4930.26	4954.90	4964.81	0.81	ppb
Barium	137-1	4986.64	4909.74	4995.56	4963.98	0.95	ppb
Beryllium	9-1	996.17	991.91	993.52	993.86	0.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	943.35	1013.31	1064.84	1007.17	6.05	ppb
Boron	11-1	927.55	1022.10	1068.17	1005.94	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	994.33	985.50	998.70	992.84	0.68	ppb
Cadmium	106-1	1001.02	970.67	997.18	989.62	1.67	ppb
Cadmium	108-1	1000.59	970.80	1005.81	992.40	1.90	ppb
Calcium	43-1	105393.57	103447.79	105085.47	104642.28	1.00	ppb
Calcium	44-1	102302.90	101890.71	102637.95	102277.19	0.37	ppb
Chromium	52-2	998.31	992.37	995.74	995.47	0.30	ppb
Cobalt	59-2	1006.48	1002.81	989.93	999.74	0.87	ppb
Copper	63-2	9997.30	9909.39	9854.44	9920.38	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	51603.25	50853.48	51987.27	51481.33	1.12	ppb
Iron	56-2	51058.14	49704.72	50358.23	50373.70	1.34	ppb
Iron	57-2	51734.38	50600.73	51223.22	51186.11	1.11	ppb
Krypton	83-1						cps
Lead	206-1	5014.79	4884.42	4947.25	4948.82	1.32	ppb
Lead	207-1	5019.94	4918.95	4976.23	4971.71	1.02	ppb
Lead	208-1	5001.40	4912.93	4978.12	4964.15	0.92	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:43:00	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	101749.17	100665.89	102120.98	101512.01	0.74	ppb
Manganese	55-2	10081.23	9826.38	9900.79	9936.13	1.32	ppb
Molybdenum	94-1	4954.72	5022.05	4955.02	4977.26	0.78	ppb
Molybdenum	95-1	4951.61	5037.34	4949.37	4979.44	1.01	ppb
Molybdenum	96-1	4998.33	5041.03	4878.04	4972.47	1.70	ppb
Molybdenum	97-1	4999.37	5018.62	4913.35	4977.11	1.13	ppb
Molybdenum	98-1	4978.94	5067.96	4879.02	4975.30	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.28	982.48	991.68	992.48	1.05	ppb
Phosphorus	31-2	20001.66	19965.12	19824.39	19930.39	0.47	ppb
Potassium	39-2	50656.79	50506.35	50517.03	50560.06	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	1004.33	998.80	980.83	994.65	1.24	ppb
Selenium	77-2	997.03	1043.25	952.38	997.55	4.55	ppb
Selenium	78-2	1001.99	1022.11	973.10	999.07	2.47	ppb
Silicon	28-1	934.60	959.09	999.22	964.30	3.38	ppb
Silver	109-1	1000.36	974.08	988.43	987.62	1.33	ppb
Silver	107-1	998.00	970.58	999.57	989.38	1.65	ppb
Sodium	23-2	102149.04	102416.33	101753.26	102106.21	0.33	ppb
Strontium	86-1	1000.71	1004.09	976.88	993.89	1.49	ppb
Strontium	88-1	1008.69	997.93	970.26	992.29	2.00	ppb
Sulfur	34-1	21145.34	20267.15	19349.82	20254.11	4.43	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1002.30	994.14	1003.01	999.81	0.49	ppb
Thallium	205-1	999.16	981.30	996.88	992.45	0.98	ppb
Tin	118-1	992.32	991.72	999.17	994.41	0.42	ppb
Titanium	47-1	4990.93	4930.59	4944.27	4955.26	0.64	ppb
Uranium	238-1	987.58	991.74	1011.60	996.97	1.29	ppb
Vanadium	51-2	1007.82	990.10	994.66	997.53	0.92	ppb
Yttrium	89-1				103		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:43:00	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	10037.31	9939.23	9820.38	9932.31	1.09	ppb
Zirconium	90-1	1002.08	998.68	979.78	993.51	1.21	ppb
Zirconium	91-1	1009.83	991.91	968.02	989.92	2.12	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98024.67	100221.42	102200.96	100149.02	2.09	ppb
Antimony	121-1	0.58	0.58	0.64	0.60	6.13	ppb
Arsenic	75-2	0.45	0.32	0.39	0.39	16.26	ppb
Barium	135-1	8.49	8.65	9.14	8.76	3.86	ppb
Barium	137-1	8.27	9.16	8.84	8.76	5.14	ppb
Beryllium	9-1	0.17	0.19	0.17	0.18	7.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	168.35	153.43	141.89	154.55	8.58	ppb
Boron	11-1	166.18	154.46	145.42	155.36	6.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.57	0.46	0.29	0.44	31.39	ppb
Cadmium	106-1	2.41	0.84	-1.06	0.73	238.87	ppb
Cadmium	108-1	0.40	0.99	0.74	0.71	41.77	ppb
Calcium	43-1	480349.00	504286.13	511125.48	498586.87	3.24	ppb
Calcium	44-1	482908.40	504741.80	509899.39	499183.20	2.87	ppb
Chromium	52-2	3.85	3.71	4.19	3.92	6.25	ppb
Cobalt	59-2	1.56	1.59	1.74	1.63	5.79	ppb
Copper	63-2	2.61	2.41	2.41	2.48	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	244577.01	246745.56	257436.32	249586.30	2.76	ppb
Iron	56-2	246571.86	247767.22	255210.25	249849.78	1.87	ppb
Iron	57-2	246186.76	249531.06	253268.32	249662.05	1.42	ppb
Krypton	83-1						cps
Lead	206-1	1.73	1.90	1.73	1.79	5.74	ppb
Lead	207-1	1.73	1.73	1.52	1.66	7.40	ppb
Lead	208-1	1.76	1.74	1.67	1.73	2.65	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	491459.60	495144.34	511669.73	499424.55	2.16	ppb
Manganese	55-2	6.14	6.07	6.07	6.09	0.60	ppb
Molybdenum	94-1	1.69	1.60	1.44	1.58	8.16	ppb
Molybdenum	95-1	1.73	1.57	1.56	1.62	5.79	ppb
Molybdenum	96-1	1.94	1.91	1.81	1.89	3.60	ppb
Molybdenum	97-1	1.73	1.55	1.60	1.63	5.73	ppb
Molybdenum	98-1	1.49	1.57	1.39	1.48	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	2.97	3.12	3.04	2.50	ppb
Phosphorus	31-2	-59.14	-36.97	10.99	-28.37		ppb
Potassium	39-2	246841.68	247412.36	255085.32	249779.79	1.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	0.54	0.14	0.31	0.33	61.47	ppb
Selenium	77-2	-2.93	2.69	-1.00	-0.41		ppb
Selenium	78-2	0.34	2.06	0.96	1.12	77.72	ppb
Silicon	28-1	81.71	101.22	100.84	94.59	11.80	ppb
Silver	109-1	0.47	0.47	0.51	0.48	5.44	ppb
Silver	107-1	0.50	0.45	0.46	0.47	4.97	ppb
Sodium	23-2	493136.10	496890.72	507983.96	499336.93	1.55	ppb
Strontium	86-1	5.33	5.62	5.48	5.48	2.62	ppb
Strontium	88-1	5.38	5.61	5.64	5.54	2.54	ppb
Sulfur	34-1	-4296.67	-2119.89	-1511.97	-2642.84		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.47	0.38	0.39	0.41	11.94	ppb
Thallium	205-1	0.42	0.42	0.42	0.42	0.96	ppb
Tin	118-1	0.10	0.10	0.05	0.08	30.38	ppb
Titanium	47-1	-0.01	0.26	0.26	0.17	94.35	ppb
Uranium	238-1	0.10	0.12	0.09	0.11	16.46	ppb
Vanadium	51-2	0.16	0.08	0.07	0.10	44.22	ppb
Yttrium	89-1				100		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	8.49	8.82	8.85	8.72	2.25	ppb
Zirconium	90-1	0.25	0.24	0.22	0.24	8.30	ppb
Zirconium	91-1	0.18	0.25	0.21	0.21	15.34	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:59:43 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	468.43	474.47	483.03	475.31	1.54	ppb
Antimony	121-1	185.97	188.18	187.39	187.18	0.60	ppb
Arsenic	75-2	195.18	195.35	191.03	193.86	1.26	ppb
Barium	135-1	96.41	96.79	97.03	96.74	0.32	ppb
Barium	137-1	95.98	99.27	100.53	98.59	2.38	ppb
Beryllium	9-1	94.79	97.23	97.29	96.44	1.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	380.28	457.19	492.72	443.40	12.96	ppb
Boron	11-1	386.72	448.73	487.33	440.93	11.51	ppb
Bromine	81-1						cps
Cadmium	111-1	96.32	99.00	100.27	98.53	2.05	ppb
Cadmium	106-1	134.43	154.40	151.86	146.90	7.40	ppb
Cadmium	108-1	128.61	134.78	130.98	131.46	2.37	ppb
Calcium	43-1	2156.36	2250.45	2160.67	2189.16	2.43	ppb
Calcium	44-1	2137.48	2231.61	2187.40	2185.50	2.15	ppb
Chromium	52-2	96.91	100.04	95.94	97.63	2.20	ppb
Cobalt	59-2	99.89	99.68	97.53	99.03	1.32	ppb
Copper	63-2	106.20	105.04	102.53	104.59	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	1996.71	2015.72	2021.59	2011.34	0.65	ppb
Iron	56-2	1984.83	2012.10	1924.47	1973.80	2.27	ppb
Iron	57-2	2002.74	2032.67	1941.72	1992.38	2.33	ppb
Krypton	83-1						cps
Lead	206-1	197.50	200.09	200.01	199.20	0.74	ppb
Lead	207-1	181.22	185.03	187.44	184.56	1.70	ppb
Lead	208-1	190.32	194.05	194.02	192.79	1.11	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:59:43	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1179.44	1203.43	1173.34	1185.40	1.34	ppb
Manganese	55-2	100.81	101.18	97.56	99.85	2.00	ppb
Molybdenum	94-1	2455.96	2470.89	2462.13	2462.99	0.30	ppb
Molybdenum	95-1	2435.74	2483.49	2461.07	2460.10	0.97	ppb
Molybdenum	96-1	2505.84	2488.50	2500.89	2498.41	0.36	ppb
Molybdenum	97-1	2444.00	2477.73	2510.36	2477.36	1.34	ppb
Molybdenum	98-1	2457.28	2461.43	2495.44	2471.38	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.72	100.60	98.89	100.40	1.42	ppb
Phosphorus	31-2	-59.82	-43.59	-23.24	-42.22		ppb
Potassium	39-2	1943.94	2001.14	1918.74	1954.61	2.16	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	202.11	200.92	200.79	201.28	0.36	ppb
Selenium	77-2	213.77	177.55	181.50	190.94	10.41	ppb
Selenium	78-2	200.37	193.51	202.00	198.63	2.27	ppb
Silicon	28-1	421.80	472.06	485.13	459.66	7.27	ppb
Silver	109-1	46.55	47.80	47.51	47.29	1.38	ppb
Silver	107-1	45.94	46.39	47.26	46.53	1.45	ppb
Sodium	23-2	1976.94	2053.91	1997.37	2009.41	1.98	ppb
Strontium	86-1	486.53	498.58	497.13	494.08	1.33	ppb
Strontium	88-1	488.47	494.26	491.98	491.57	0.59	ppb
Sulfur	34-1	-1756.70	-991.14	-1528.66	-1425.50		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	203.12	207.24	208.41	206.26	1.34	ppb
Thallium	205-1	208.61	213.14	213.39	211.71	1.27	ppb
Tin	118-1	476.15	483.10	486.28	481.84	1.08	ppb
Titanium	47-1	2493.13	2619.17	2587.01	2566.44	2.55	ppb
Uranium	238-1	516.55	533.08	541.12	530.25	2.36	ppb
Vanadium	51-2	96.74	95.85	95.09	95.89	0.86	ppb
Yttrium	89-1				101		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:59:43	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	188.26	190.28	184.84	187.79	1.46	ppb
Zirconium	90-1	496.36	497.80	496.32	496.83	0.17	ppb
Zirconium	91-1	491.95	494.16	496.88	494.33	0.50	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.38	21.56	18.16	21.70	16.64	ppb
Antimony	121-1	1.78	1.69	2.11	1.86	11.77	ppb
Arsenic	75-2	0.89	1.00	0.85	0.92	8.55	ppb
Barium	135-1	8.69	8.71	10.66	9.35	12.11	ppb
Barium	137-1	8.91	8.72	10.59	9.41	10.90	ppb
Beryllium	9-1	0.89	0.93	1.12	0.98	12.72	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	33.16	34.67	42.95	36.93	14.27	ppb
Boron	11-1	32.43	33.40	43.14	36.32	16.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.84	1.23	0.95	25.67	ppb
Cadmium	106-1	-1.01	-0.72	0.56	-0.39		ppb
Cadmium	108-1	1.17	1.23	0.51	0.97	41.23	ppb
Calcium	43-1	668.44	676.26	778.20	707.63	8.65	ppb
Calcium	44-1	539.97	483.39	720.69	581.35	21.32	ppb
Chromium	52-2	1.94	2.03	1.85	1.94	4.78	ppb
Cobalt	59-2	1.00	0.92	0.92	0.94	4.86	ppb
Copper	63-2	2.15	2.15	2.18	2.16	0.72	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				98		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	47.89	48.63	46.47	47.66	2.30	ppb
Iron	56-2	49.33	50.34	46.50	48.73	4.09	ppb
Iron	57-2	52.16	52.12	49.87	51.38	2.55	ppb
Krypton	83-1						cps
Lead	206-1	1.09	0.88	1.23	1.06	16.44	ppb
Lead	207-1	0.86	0.90	1.05	0.94	10.99	ppb
Lead	208-1	0.96	0.91	1.20	1.02	14.75	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	491.08	505.05	476.67	490.93	2.89	ppb
Manganese	55-2	1.01	1.10	0.93	1.01	8.39	ppb
Molybdenum	94-1	4.60	4.47	5.45	4.84	11.03	ppb
Molybdenum	95-1	4.59	4.43	5.44	4.82	11.20	ppb
Molybdenum	96-1	4.46	4.45	5.34	4.75	10.70	ppb
Molybdenum	97-1	4.26	4.23	5.26	4.58	12.80	ppb
Molybdenum	98-1	4.90	4.49	5.64	5.01	11.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.02	0.98	1.02	4.37	ppb
Phosphorus	31-2	19.24	-27.74	13.02	1.50	1698.01	ppb
Potassium	39-2	462.17	461.20	458.41	460.59	0.42	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	4.68	5.12	5.44	5.08	7.52	ppb
Selenium	77-2	2.81	-0.99	2.82	1.55	142.21	ppb
Selenium	78-2	5.84	3.94	2.61	4.13	39.29	ppb
Silicon	28-1	20.89	6.73	61.82	29.81	95.96	ppb
Silver	109-1	0.89	0.92	1.10	0.97	11.79	ppb
Silver	107-1	0.85	0.88	1.09	0.94	14.13	ppb
Sodium	23-2	479.97	501.22	506.48	495.89	2.83	ppb
Strontium	86-1	0.94	0.87	1.08	0.96	11.11	ppb
Strontium	88-1	0.94	0.95	1.10	0.99	9.17	ppb
Sulfur	34-1	63.19	-2284.18	5354.52	1044.51	374.60	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.97	0.90	1.18	1.02	14.39	ppb
Thallium	205-1	0.91	0.87	1.04	0.94	9.64	ppb
Tin	118-1	4.50	4.12	5.32	4.64	13.16	ppb
Titanium	47-1	4.57	4.36	4.79	4.57	4.61	ppb
Uranium	238-1	0.95	0.84	1.11	0.97	13.98	ppb
Vanadium	51-2	4.49	4.75	4.57	4.60	2.86	ppb
Yttrium	89-1				95		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	2.00	2.82	2.33	2.38	17.40	ppb
Zirconium	90-1	0.94	0.92	1.11	0.99	10.70	ppb
Zirconium	91-1	1.05	0.96	1.25	1.09	13.82	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 14:25:44 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.61	1.56	4.18	4.11	61.38	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	4542.81	ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.03	-0.03	0.00	-0.02		ppb
Barium	137-1	-0.01	0.01	-0.02	0.00		ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	54.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	18.78	16.66	18.06	17.83	6.04	ppb
Boron	11-1	18.19	17.69	17.21	17.70	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.09	-0.04	0.06	148.37	ppb
Cadmium	106-1	1.93	0.98	-0.59	0.77	164.86	ppb
Cadmium	108-1	0.18	-0.08	0.11	0.07	204.97	ppb
Calcium	43-1	31.04	40.36	44.12	38.50	17.49	ppb
Calcium	44-1	-88.65	-106.73	-109.48	-101.62		ppb
Chromium	52-2	0.01	-0.04	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	109.87	ppb
Copper	63-2	0.08	0.07	0.14	0.10	43.06	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				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	0.92	0.12	-1.99	-0.31		ppb
Iron	56-2	1.31	0.45	0.27	0.67	82.45	ppb
Iron	57-2	1.16	-1.74	-0.54	-0.37		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.09	0.09	12.90	ppb
Lead	207-1	0.08	0.08	0.07	0.08	9.20	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.69	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:25:44	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.65	-3.14	-1.94	-0.81		ppb
Manganese	55-2	0.03	0.03	0.01	0.02	62.53	ppb
Molybdenum	94-1	0.12	-0.02	0.02	0.04	188.91	ppb
Molybdenum	95-1	-0.01	0.01	0.02	0.01	175.12	ppb
Molybdenum	96-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	30.25	ppb
Molybdenum	98-1	0.04	0.00	0.01	0.02	141.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.03	0.00		ppb
Phosphorus	31-2	48.41	-35.47	38.08	17.01	268.94	ppb
Potassium	39-2	-1.65	-7.18	-7.16	-5.33		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.61	-0.33	-0.42	-0.05		ppb
Selenium	77-2	-1.00	-2.93	-2.93	-2.29		ppb
Selenium	78-2	-1.12	-0.94	0.21	-0.62		ppb
Silicon	28-1	11.84	9.22	7.29	9.45	24.15	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	-0.01	0.00	2852.36	ppb
Sodium	23-2	16.79	4.58	3.26	8.21	90.91	ppb
Strontium	86-1	-0.03	-0.06	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	814.77	-130.27	-791.06	-35.52		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.02	-0.01	0.03	0.01	141.89	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.04	0.01	0.02	66.01	ppb
Titanium	47-1	-0.12	0.02	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				99		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:25:44	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	0.40	0.77	0.76	0.64	33.23	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	1029.54	ppb
Zirconium	91-1	-0.02	-0.02	0.03	0.00		ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89800.18	90615.02	90501.40	90305.53	0.49	ppb
Antimony	121-1	1.03	1.13	1.11	1.09	5.07	ppb
Arsenic	75-2	0.23	0.27	0.35	0.28	21.84	ppb
Barium	135-1	1.47	1.26	1.28	1.34	8.73	ppb
Barium	137-1	1.43	1.40	1.33	1.39	3.52	ppb
Beryllium	9-1	0.27	0.31	0.32	0.30	7.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	18.95	18.40	19.44	18.93	2.74	ppb
Boron	11-1	17.93	18.08	19.34	18.45	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.16	0.30	0.26	33.14	ppb
Cadmium	106-1	0.03	-1.94	1.04	-0.29		ppb
Cadmium	108-1	9.12	8.99	8.13	8.74	6.15	ppb
Calcium	43-1	97981.82	104959.89	103253.45	102065.05	3.56	ppb
Calcium	44-1	94265.03	103159.52	101235.97	99553.51	4.70	ppb
Chromium	52-2	19.46	19.38	19.24	19.36	0.58	ppb
Cobalt	59-2	1.11	1.13	1.10	1.11	1.14	ppb
Copper	63-2	8.73	8.68	8.82	8.74	0.81	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				96		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	98474.36	97428.76	97862.55	97921.89	0.54	ppb
Iron	56-2	97139.04	97256.69	95884.66	96760.13	0.79	ppb
Iron	57-2	99127.67	97729.80	96859.00	97905.49	1.17	ppb
Krypton	83-1						cps
Lead	206-1	4.28	5.50	5.09	4.96	12.51	ppb
Lead	207-1	3.62	4.66	4.56	4.28	13.38	ppb
Lead	208-1	3.92	4.97	4.84	4.58	12.48	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	94194.76	95294.83	95692.96	95060.85	0.82	ppb
Manganese	55-2	7.18	7.66	7.35	7.40	3.30	ppb
Molybdenum	94-1	1270.56	1444.29	1361.29	1358.71	6.40	ppb
Molybdenum	95-1	1815.65	2025.26	1923.44	1921.45	5.46	ppb
Molybdenum	96-1	1742.01	1934.89	1861.35	1846.08	5.27	ppb
Molybdenum	97-1	1796.37	2036.08	1926.48	1919.64	6.25	ppb
Molybdenum	98-1	1800.38	2002.69	1920.49	1907.85	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.13	4.82	5.28	5.08	4.57	ppb
Phosphorus	31-2	95869.11	95283.19	95360.23	95504.18	0.33	ppb
Potassium	39-2	96927.50	95253.54	96713.80	96298.28	0.95	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.09	1.25	-0.46	0.23	382.38	ppb
Selenium	77-2	-2.93	-2.93	-2.93	-2.93		ppb
Selenium	78-2	1.42	0.86	0.35	0.88	60.81	ppb
Silicon	28-1	37.11	64.94	52.62	51.56	27.04	ppb
Silver	109-1	0.00	0.02	0.03	0.02	74.34	ppb
Silver	107-1	0.01	0.01	0.03	0.02	74.05	ppb
Sodium	23-2	97562.30	99376.65	99713.40	98884.12	1.17	ppb
Strontium	86-1	32.05	35.43	34.93	34.14	5.34	ppb
Strontium	88-1	32.52	36.43	34.55	34.50	5.67	ppb
Sulfur	34-1	78080.43	86078.64	81242.64	81800.57	4.92	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.07	0.14	0.09	51.59	ppb
Thallium	205-1	0.06	0.08	0.10	0.08	28.56	ppb
Tin	118-1	0.21	0.34	0.28	0.28	22.23	ppb
Titanium	47-1	1871.30	2043.92	2038.25	1984.49	4.94	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	48.12	ppb
Vanadium	51-2	0.13	0.13	0.15	0.14	8.78	ppb
Yttrium	89-1				97		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	11.68	11.35	11.46	11.50	1.46	ppb
Zirconium	90-1	0.04	0.00	0.01	0.02	91.82	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	104.88	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91441.56	90067.24	88228.92	89912.57	1.79	ppb
Antimony	121-1	19.09	19.17	20.12	19.46	2.94	ppb
Arsenic	75-2	19.61	19.10	18.37	19.03	3.28	ppb
Barium	135-1	20.50	20.15	20.38	20.34	0.87	ppb
Barium	137-1	20.41	20.42	20.37	20.40	0.12	ppb
Beryllium	9-1	19.04	19.34	19.64	19.34	1.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	63.68	67.17	74.25	68.37	7.88	ppb
Boron	11-1	60.84	65.36	70.27	65.49	7.20	ppb
Bromine	81-1						cps
Cadmium	111-1	18.22	18.15	19.37	18.58	3.68	ppb
Cadmium	106-1	22.05	18.62	20.26	20.31	8.45	ppb
Cadmium	108-1	29.77	23.87	28.97	27.54	11.63	ppb
Calcium	43-1	94798.23	99407.27	99516.14	97907.21	2.75	ppb
Calcium	44-1	92714.43	96044.15	96166.85	94975.14	2.06	ppb
Chromium	52-2	37.64	38.03	36.42	37.37	2.25	ppb
Cobalt	59-2	20.41	20.49	19.63	20.17	2.35	ppb
Copper	63-2	29.91	29.25	28.74	29.30	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	96781.92	94655.58	92724.42	94720.64	2.14	ppb
Iron	56-2	96948.07	96891.29	93353.06	95730.80	2.15	ppb
Iron	57-2	97636.72	97802.05	95240.26	96893.01	1.48	ppb
Krypton	83-1						cps
Lead	206-1	23.18	23.09	23.22	23.16	0.28	ppb
Lead	207-1	21.09	21.32	21.23	21.22	0.56	ppb
Lead	208-1	21.93	22.14	21.94	22.00	0.54	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	94831.58	92759.36	92298.16	93296.37	1.45	ppb
Manganese	55-2	26.30	25.79	25.10	25.73	2.34	ppb
Molybdenum	94-1	1382.80	1362.41	1400.50	1381.91	1.38	ppb
Molybdenum	95-1	1847.19	1824.12	1870.48	1847.26	1.25	ppb
Molybdenum	96-1	1793.65	1817.79	1814.28	1808.57	0.72	ppb
Molybdenum	97-1	1840.96	1855.15	1879.58	1858.57	1.05	ppb
Molybdenum	98-1	1800.91	1854.97	1879.43	1845.10	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	24.40	24.15	24.56	2.08	ppb
Phosphorus	31-2	94017.93	93119.96	90652.17	92596.69	1.88	ppb
Potassium	39-2	95672.14	94343.86	91671.51	93895.84	2.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	19.02	18.06	19.84	18.97	4.69	ppb
Selenium	77-2	20.14	13.99	15.63	16.59	19.19	ppb
Selenium	78-2	22.02	18.53	20.20	20.25	8.62	ppb
Silicon	28-1	83.63	99.71	94.31	92.55	8.84	ppb
Silver	109-1	17.86	17.89	18.66	18.14	2.51	ppb
Silver	107-1	17.37	17.96	18.06	17.80	2.11	ppb
Sodium	23-2	97674.66	97268.84	95417.61	96787.04	1.24	ppb
Strontium	86-1	78.36	78.58	79.44	78.79	0.72	ppb
Strontium	88-1	80.83	81.97	82.50	81.77	1.05	ppb
Sulfur	34-1	72817.48	76197.14	74774.09	74596.24	2.27	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	18.98	18.75	19.04	18.93	0.81	ppb
Thallium	205-1	19.09	19.36	19.19	19.21	0.72	ppb
Tin	118-1	47.17	46.89	48.38	47.48	1.66	ppb
Titanium	47-1	1906.79	2006.33	1961.28	1958.13	2.55	ppb
Uranium	238-1	48.45	47.46	48.03	47.98	1.04	ppb
Vanadium	51-2	19.07	19.16	18.24	18.82	2.70	ppb
Yttrium	89-1				100		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	29.10	27.97	28.01	28.36	2.25	ppb
Zirconium	90-1	49.22	49.18	50.10	49.50	1.05	ppb
Zirconium	91-1	50.39	48.35	49.98	49.57	2.17	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:42:10	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50936.60	51713.31	50713.97	51121.29	1.03	ppb
Antimony	121-1	468.36	492.51	475.39	478.76	2.59	ppb
Arsenic	75-2	488.79	491.68	490.25	490.24	0.30	ppb
Barium	135-1	2377.87	2498.54	2454.75	2443.72	2.50	ppb
Barium	137-1	2384.21	2491.95	2403.64	2426.60	2.37	ppb
Beryllium	9-1	492.29	495.74	485.86	491.30	1.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	497.46	559.62	576.57	544.55	7.65	ppb
Boron	11-1	497.50	550.62	571.41	539.85	7.06	ppb
Bromine	81-1						cps
Cadmium	111-1	463.88	471.15	466.83	467.28	0.78	ppb
Cadmium	106-1	476.37	488.32	457.96	474.22	3.23	ppb
Cadmium	108-1	460.68	488.12	474.81	474.54	2.89	ppb
Calcium	43-1	244943.33	243073.66	243062.34	243693.11	0.44	ppb
Calcium	44-1	244481.54	241707.79	243069.33	243086.22	0.57	ppb
Chromium	52-2	494.51	508.23	497.70	500.15	1.44	ppb
Cobalt	59-2	486.86	493.79	486.16	488.94	0.86	ppb
Copper	63-2	4769.48	4904.95	4847.45	4840.63	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	120481.11	121167.49	119903.19	120517.26	0.53	ppb
Iron	56-2	120204.86	123362.29	118678.50	120748.55	1.98	ppb
Iron	57-2	122544.17	126662.68	121377.31	123528.05	2.25	ppb
Krypton	83-1						cps
Lead	206-1	2506.67	2546.87	2494.43	2515.99	1.09	ppb
Lead	207-1	2547.60	2519.78	2519.61	2529.00	0.64	ppb
Lead	208-1	2510.48	2516.42	2494.21	2507.04	0.46	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:42:10	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	248068.28	252766.86	245379.91	248738.35	1.50	ppb
Manganese	55-2	4956.23	5017.85	4950.59	4974.89	0.75	ppb
Molybdenum	94-1	2501.02	2500.74	2465.31	2489.02	0.82	ppb
Molybdenum	95-1	2508.99	2491.41	2449.90	2483.43	1.22	ppb
Molybdenum	96-1	2505.81	2508.80	2492.39	2502.34	0.35	ppb
Molybdenum	97-1	2508.85	2509.87	2487.01	2501.91	0.52	ppb
Molybdenum	98-1	2510.29	2513.09	2511.18	2511.52	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.98	500.22	484.75	490.98	1.66	ppb
Phosphorus	31-2	9912.32	9936.76	9671.23	9840.10	1.49	ppb
Potassium	39-2	122959.69	126204.21	124231.35	124465.08	1.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	504.59	495.46	492.95	497.67	1.23	ppb
Selenium	77-2	425.49	484.45	486.60	465.51	7.45	ppb
Selenium	78-2	483.99	489.96	504.51	492.82	2.14	ppb
Silicon	28-1	450.89	459.07	479.26	463.07	3.15	ppb
Silver	109-1	469.55	484.20	472.69	475.48	1.62	ppb
Silver	107-1	469.57	482.43	467.96	473.32	1.68	ppb
Sodium	23-2	251015.38	254196.53	245175.51	250129.14	1.83	ppb
Strontium	86-1	501.85	494.96	494.72	497.18	0.81	ppb
Strontium	88-1	500.61	492.98	501.64	498.41	0.95	ppb
Sulfur	34-1	9807.90	8999.12	8484.20	9097.07	7.33	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	496.30	492.65	487.51	492.15	0.90	ppb
Thallium	205-1	503.74	510.23	504.68	506.22	0.69	ppb
Tin	118-1	467.28	489.19	473.48	476.65	2.37	ppb
Titanium	47-1	2501.19	2462.32	2512.19	2491.90	1.05	ppb
Uranium	238-1	503.34	509.01	518.61	510.32	1.51	ppb
Vanadium	51-2	496.01	513.16	497.87	502.35	1.87	ppb
Yttrium	89-1				104		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:42:10	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	4838.02	4964.44	4852.03	4884.83	1.42	ppb
Zirconium	90-1	506.54	491.13	498.11	498.59	1.55	ppb
Zirconium	91-1	502.77	505.09	498.07	501.97	0.71	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.58	2.11	2.91	3.54	51.33	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	69.40	ppb
Arsenic	75-2	-0.01	-0.03	-0.04	-0.03		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	61.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	16.53	17.33	16.57	16.81	2.69	ppb
Boron	11-1	16.56	16.83	15.87	16.42	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.17	0.05	-0.07		ppb
Cadmium	106-1	-1.28	-2.58	0.53	-1.11		ppb
Cadmium	108-1	-0.02	-0.15	-0.15	-0.11		ppb
Calcium	43-1	172.53	155.54	180.54	169.53	7.53	ppb
Calcium	44-1	9.85	16.82	-1.99	8.23	115.62	ppb
Chromium	52-2	0.04	0.03	0.03	0.03	21.83	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	528.64	ppb
Copper	63-2	0.17	0.10	0.15	0.14	26.79	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				95		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	-0.72	-0.23	-2.30	-1.08		ppb
Iron	56-2	0.86	0.58	0.67	0.71	20.38	ppb
Iron	57-2	-2.04	-0.47	-2.22	-1.58		ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.17	0.26	0.22	19.60	ppb
Lead	207-1	0.25	0.20	0.30	0.25	19.67	ppb
Lead	208-1	0.23	0.20	0.23	0.22	9.40	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	-2.82	-0.06	-0.55	-1.14		ppb
Manganese	55-2	0.06	0.01	0.09	0.05	78.18	ppb
Molybdenum	94-1	0.10	0.07	0.03	0.07	55.75	ppb
Molybdenum	95-1	0.11	0.03	0.02	0.05	98.98	ppb
Molybdenum	96-1	0.09	0.03	0.02	0.05	76.81	ppb
Molybdenum	97-1	0.10	0.04	0.01	0.05	89.43	ppb
Molybdenum	98-1	0.10	0.05	0.02	0.06	74.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	61.57	ppb
Phosphorus	31-2	4.55	34.03	-16.79	7.26	351.29	ppb
Potassium	39-2	51.87	33.27	20.20	35.11	45.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	82-1	0.81	0.28	-0.45	0.21	303.37	ppb
Selenium	77-2	-0.93	-2.93	-0.95	-1.61		ppb
Selenium	78-2	-0.18	1.27	-0.08	0.34	239.59	ppb
Silicon	28-1	10.57	11.28	10.20	10.68	5.11	ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	46.20	21.13	33.50	33.61	37.29	ppb
Strontium	86-1	-0.15	-0.01	-0.09	-0.08		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	86.43	ppb
Sulfur	34-1	-490.15	-93.03	-310.61	-297.93		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.01	0.03	0.02	63.66	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	24.63	ppb
Tin	118-1	0.02	0.03	0.04	0.03	25.13	ppb
Titanium	47-1	-0.21	-0.17	-0.07	-0.15		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	237.43	ppb
Yttrium	89-1				97		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	0.78	0.78	1.05	0.87	18.33	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	91.88	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.01	276.98	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15567.01	15596.56	15545.98	15569.85	0.16	ppb
Antimony	121-1	0.21	0.19	0.17	0.19	10.05	ppb
Arsenic	75-2	1.84	1.79	1.95	1.86	4.31	ppb
Barium	135-1	494.95	498.85	512.27	502.02	1.81	ppb
Barium	137-1	503.23	506.18	514.19	507.87	1.12	ppb
Beryllium	9-1	0.67	0.65	0.66	0.66	1.27	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	303.92	338.11	370.64	337.56	9.88	ppb
Boron	11-1	320.19	352.65	378.70	350.52	8.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.27	0.23	0.26	11.53	ppb
Cadmium	106-1	-0.11	-0.69	-0.76	-0.52		ppb
Cadmium	108-1	0.60	0.48	0.78	0.62	24.11	ppb
Calcium	43-1	39519.49	41276.13	41264.73	40686.78	2.48	ppb
Calcium	44-1	38719.50	39204.21	39610.42	39178.04	1.14	ppb
Chromium	52-2	61.88	61.78	61.59	61.75	0.24	ppb
Cobalt	59-2	23.42	23.94	23.79	23.72	1.13	ppb
Copper	63-2	138.67	141.16	139.57	139.80	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	37587.63	37957.72	38204.42	37916.59	0.82	ppb
Iron	56-2	37208.43	37659.06	37426.73	37431.41	0.60	ppb
Iron	57-2	37828.40	38331.58	38500.34	38220.10	0.91	ppb
Krypton	83-1						cps
Lead	206-1	12.16	12.51	12.44	12.37	1.50	ppb
Lead	207-1	11.16	11.39	11.28	11.27	1.01	ppb
Lead	208-1	11.60	11.89	11.73	11.74	1.24	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	40198.91	40820.91	39680.50	40233.44	1.42	ppb
Manganese	55-2	1960.11	1995.68	1979.32	1978.37	0.90	ppb
Molybdenum	94-1	7.59	7.73	8.05	7.79	3.05	ppb
Molybdenum	95-1	5.71	5.92	6.24	5.96	4.54	ppb
Molybdenum	96-1	6.18	6.10	6.42	6.23	2.66	ppb
Molybdenum	97-1	6.08	5.87	5.98	5.98	1.77	ppb
Molybdenum	98-1	6.00	5.82	6.02	5.95	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.22	31.72	32.27	32.07	0.95	ppb
Phosphorus	31-2	693.25	842.57	679.00	738.27	12.27	ppb
Potassium	39-2	6512.67	6604.12	6599.59	6572.12	0.78	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	0.63	0.46	1.00	0.70	39.66	ppb
Selenium	77-2	-1.21	5.71	12.60	5.70	121.16	ppb
Selenium	78-2	3.17	2.43	3.34	2.98	16.21	ppb
Silicon	28-1	33335.31	33834.41	33795.53	33655.09	0.82	ppb
Silver	109-1	0.14	0.14	0.16	0.15	6.88	ppb
Silver	107-1	0.13	0.15	0.14	0.14	8.53	ppb
Sodium	23-2	216369.94	223266.16	221530.22	220388.78	1.63	ppb
Strontium	86-1	619.00	616.94	629.28	621.74	1.06	ppb
Strontium	88-1	611.51	634.43	619.00	621.64	1.88	ppb
Sulfur	34-1	-3587.73	-3012.66	-4083.98	-3561.45		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.13	0.13	0.12	6.02	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	6.85	ppb
Tin	118-1	0.13	0.21	0.15	0.17	25.39	ppb
Titanium	47-1	423.52	432.18	428.49	428.07	1.02	ppb
Uranium	238-1	1.74	1.83	1.82	1.80	2.76	ppb
Vanadium	51-2	90.43	91.71	91.20	91.11	0.71	ppb
Yttrium	89-1				110		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	202.52	200.40	199.95	200.96	0.68	ppb
Zirconium	90-1	2.40	2.38	2.37	2.39	0.51	ppb
Zirconium	91-1	2.72	2.25	2.38	2.45	10.00	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:09:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51312.64	51707.75	50747.03	51255.81	0.94	ppb
Antimony	121-1	515.14	503.79	483.24	500.72	3.23	ppb
Arsenic	75-2	499.61	494.01	502.22	498.61	0.84	ppb
Barium	135-1	2604.23	2524.42	2409.30	2512.65	3.90	ppb
Barium	137-1	2618.39	2548.91	2437.81	2535.04	3.59	ppb
Beryllium	9-1	510.40	493.41	479.29	494.37	3.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	494.30	527.33	544.57	522.07	4.89	ppb
Boron	11-1	490.34	518.74	549.97	519.68	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	510.96	492.18	471.89	491.68	3.97	ppb
Cadmium	106-1	512.93	497.38	465.33	491.88	4.93	ppb
Cadmium	108-1	506.85	506.54	474.16	495.85	3.79	ppb
Calcium	43-1	258746.33	247558.90	247037.51	251114.25	2.63	ppb
Calcium	44-1	255705.91	247421.26	247746.93	250291.36	1.87	ppb
Chromium	52-2	497.77	502.43	495.70	498.63	0.69	ppb
Cobalt	59-2	489.46	490.34	484.81	488.21	0.61	ppb
Copper	63-2	4946.34	4976.50	4845.29	4922.71	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	121518.38	122413.05	123711.06	122547.49	0.90	ppb
Iron	56-2	122697.95	123154.42	121354.05	122402.14	0.76	ppb
Iron	57-2	124927.68	126642.15	123920.24	125163.36	1.10	ppb
Krypton	83-1						cps
Lead	206-1	2695.27	2527.46	2519.85	2580.86	3.84	ppb
Lead	207-1	2686.47	2586.98	2526.51	2599.99	3.11	ppb
Lead	208-1	2677.00	2559.60	2518.90	2585.16	3.18	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:09:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	245826.52	245613.09	245153.72	245531.11	0.14	ppb
Manganese	55-2	5041.09	5045.57	4968.29	5018.32	0.86	ppb
Molybdenum	94-1	2632.02	2465.15	2502.97	2533.38	3.45	ppb
Molybdenum	95-1	2598.71	2443.08	2452.26	2498.02	3.50	ppb
Molybdenum	96-1	2610.75	2472.32	2470.87	2517.98	3.19	ppb
Molybdenum	97-1	2588.46	2439.74	2495.01	2507.74	3.00	ppb
Molybdenum	98-1	2628.41	2459.26	2490.61	2526.10	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.29	495.43	495.05	496.59	0.47	ppb
Phosphorus	31-2	10111.92	10316.67	10085.23	10171.27	1.24	ppb
Potassium	39-2	124227.18	125830.78	124463.19	124840.38	0.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	521.25	491.80	500.36	504.47	3.00	ppb
Selenium	77-2	496.64	482.26	516.92	498.61	3.49	ppb
Selenium	78-2	492.15	484.36	490.67	489.06	0.85	ppb
Silicon	28-1	518.12	490.84	501.11	503.36	2.74	ppb
Silver	109-1	513.97	503.46	476.15	497.86	3.92	ppb
Silver	107-1	510.60	495.15	470.48	492.08	4.11	ppb
Sodium	23-2	246086.34	248774.92	241724.05	245528.44	1.45	ppb
Strontium	86-1	515.52	501.74	497.79	505.02	1.84	ppb
Strontium	88-1	519.34	492.34	491.91	501.19	3.13	ppb
Sulfur	34-1	12225.20	9114.48	9565.16	10301.62	16.32	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	524.97	497.19	493.76	505.31	3.39	ppb
Thallium	205-1	532.09	502.92	504.72	513.24	3.18	ppb
Tin	118-1	515.88	493.87	486.15	498.63	3.09	ppb
Titanium	47-1	2670.83	2535.09	2510.41	2572.11	3.36	ppb
Uranium	238-1	546.47	528.41	516.93	530.60	2.81	ppb
Vanadium	51-2	505.49	504.75	497.96	502.73	0.83	ppb
Yttrium	89-1				103		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:09:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	4868.56	4947.66	4876.19	4897.47	0.89	ppb
Zirconium	90-1	518.59	500.12	501.75	506.82	2.02	ppb
Zirconium	91-1	530.65	508.31	505.05	514.67	2.71	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 15:27:14 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.26	0.79	-0.27	0.93	136.75	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	58.93	ppb
Arsenic	75-2	-0.01	-0.02	0.00	-0.01		ppb
Barium	135-1	-0.03	0.00	-0.01	-0.02		ppb
Barium	137-1	0.01	0.00	-0.01	0.00	542.46	ppb
Beryllium	9-1	-0.01	0.03	0.03	0.02	167.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	19.01	17.07	17.00	17.70	6.45	ppb
Boron	11-1	17.03	17.12	16.87	17.01	0.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.20	-0.09	-0.15		ppb
Cadmium	106-1	-2.34	-2.95	-1.52	-2.27		ppb
Cadmium	108-1	-0.02	-0.09	-0.02	-0.04		ppb
Calcium	43-1	166.92	172.31	160.20	166.47	3.64	ppb
Calcium	44-1	-15.00	-9.16	-10.02	-11.39		ppb
Chromium	52-2	-0.03	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.08	0.11	0.03	0.07	56.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	1.67	0.40	-0.72	0.45	265.98	ppb
Iron	56-2	1.01	0.45	0.46	0.64	49.97	ppb
Iron	57-2	-1.53	-0.19	0.43	-0.43		ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.21	0.19	8.90	ppb
Lead	207-1	0.23	0.21	0.20	0.21	6.87	ppb
Lead	208-1	0.21	0.20	0.17	0.19	11.22	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:27:14	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	-6.95	-4.86	-5.93	-5.91		ppb
Manganese	55-2	0.08	-0.04	0.05	0.03	209.15	ppb
Molybdenum	94-1	0.14	0.02	0.00	0.05	142.63	ppb
Molybdenum	95-1	0.05	0.06	0.01	0.04	55.58	ppb
Molybdenum	96-1	0.08	0.05	0.03	0.05	46.37	ppb
Molybdenum	97-1	0.08	0.01	0.02	0.04	94.39	ppb
Molybdenum	98-1	0.08	0.05	0.04	0.05	40.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.03	0.03	25.10	ppb
Phosphorus	31-2	-8.95	-45.30	-10.89	-21.72		ppb
Potassium	39-2	21.21	23.22	-9.20	11.74	154.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	-0.04	1.32	-0.30	0.33	264.05	ppb
Selenium	77-2	-0.96	-2.93	0.92	-0.99		ppb
Selenium	78-2	1.47	-0.04	1.11	0.85	93.36	ppb
Silicon	28-1	6.39	7.55	8.79	7.57	15.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	610.16	ppb
Silver	107-1	0.01	0.00	0.01	0.01	101.49	ppb
Sodium	23-2	28.67	6.30	11.19	15.39	76.42	ppb
Strontium	86-1	-0.03	-0.08	-0.08	-0.06		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	112.11	ppb
Sulfur	34-1	-353.81	-381.66	3.23	-244.08		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.00	0.00	0.01	147.58	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	54.25	ppb
Tin	118-1	0.03	0.01	0.00	0.01	114.39	ppb
Titanium	47-1	-0.17	0.14	-0.19	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	243.69	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	28.74	ppb
Yttrium	89-1				99		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:27:14	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	1.11	0.98	1.00	1.03	6.63	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.05	0.00	0.03	0.03	95.14	ppb

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 15:51:25 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.87	18.21	27.77	21.95	23.27	ppb
Antimony	121-1	1.75	1.64	1.96	1.78	8.93	ppb
Arsenic	75-2	0.92	0.91	0.89	0.91	2.06	ppb
Barium	135-1	9.44	8.52	8.45	8.80	6.29	ppb
Barium	137-1	8.82	9.04	9.42	9.09	3.39	ppb
Beryllium	9-1	0.90	0.86	0.88	0.88	2.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	20.17	21.34	25.03	22.18	11.43	ppb
Boron	11-1	18.95	22.58	23.88	21.80	11.73	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	0.95	1.01	1.04	10.32	ppb
Cadmium	106-1	3.33	-0.13	0.44	1.21	152.76	ppb
Cadmium	108-1	0.82	1.11	0.68	0.87	25.28	ppb
Calcium	43-1	721.45	647.04	688.14	685.54	5.44	ppb
Calcium	44-1	507.81	487.28	488.73	494.61	2.32	ppb
Chromium	52-2	1.91	1.83	1.94	1.89	2.77	ppb
Cobalt	59-2	0.95	0.84	1.01	0.93	9.23	ppb
Copper	63-2	1.97	1.85	2.00	1.94	4.20	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				98		%
Indium	115-2				96		%
Iron	54-2	45.47	42.25	53.05	46.92	11.82	ppb
Iron	56-2	48.37	45.53	49.59	47.83	4.36	ppb
Iron	57-2	44.72	37.45	53.77	45.31	18.04	ppb
Krypton	83-1						cps
Lead	206-1	0.89	1.01	0.88	0.93	7.83	ppb
Lead	207-1	1.03	0.99	0.95	0.99	3.86	ppb
Lead	208-1	0.94	0.94	0.95	0.95	0.85	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:51:25	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	506.00	430.60	489.24	475.28	8.33	ppb
Manganese	55-2	1.00	0.83	1.02	0.95	10.98	ppb
Molybdenum	94-1	4.82	4.42	4.78	4.67	4.66	ppb
Molybdenum	95-1	4.72	4.55	4.66	4.65	1.89	ppb
Molybdenum	96-1	4.56	4.70	4.57	4.61	1.72	ppb
Molybdenum	97-1	4.35	4.67	4.60	4.54	3.77	ppb
Molybdenum	98-1	4.61	4.69	4.64	4.65	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.79	0.98	0.90	11.04	ppb
Phosphorus	31-2	15.97	-13.70	5.49	2.59	581.99	ppb
Potassium	39-2	451.63	400.24	496.41	449.43	10.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	5.07	5.03	4.83	4.98	2.64	ppb
Selenium	77-2	6.89	0.68	3.00	3.52	89.03	ppb
Selenium	78-2	3.19	4.32	5.72	4.41	28.71	ppb
Silicon	28-1	22.77	15.22	19.53	19.17	19.77	ppb
Silver	109-1	0.86	1.01	0.92	0.93	8.10	ppb
Silver	107-1	0.92	0.82	0.95	0.90	7.53	ppb
Sodium	23-2	467.61	430.66	501.23	466.50	7.57	ppb
Strontium	86-1	0.95	0.88	0.99	0.94	5.88	ppb
Strontium	88-1	0.89	0.92	0.91	0.90	1.65	ppb
Sulfur	34-1	376.96	-585.15	-488.54	-232.24		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.92	0.85	0.95	0.91	5.39	ppb
Thallium	205-1	0.87	0.89	0.96	0.91	5.03	ppb
Tin	118-1	4.36	4.59	4.65	4.53	3.40	ppb
Titanium	47-1	4.63	3.94	4.12	4.23	8.55	ppb
Uranium	238-1	0.90	0.94	0.91	0.92	2.20	ppb
Vanadium	51-2	4.72	4.62	4.70	4.68	1.10	ppb
Yttrium	89-1				99		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:51:25	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	1.70	2.51	2.31	2.18	19.43	ppb
Zirconium	90-1	0.92	0.91	0.92	0.92	0.90	ppb
Zirconium	91-1	0.92	0.87	0.98	0.92	6.01	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	800.94	784.07	766.60	783.87	2.19	ppb
Antimony	121-1	26.28	27.43	33.32	29.01	13.01	ppb
Arsenic	75-2	36.96	36.40	36.78	36.71	0.78	ppb
Barium	135-1	2031.76	2128.52	2608.62	2256.30	13.69	ppb
Barium	137-1	2027.15	2133.78	2609.32	2256.75	13.73	ppb
Beryllium	9-1	14.09	14.54	16.97	15.20	10.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	1066.70	1349.69	1709.67	1375.35	23.43	ppb
Boron	11-1	1073.26	1330.31	1707.45	1370.34	23.28	ppb
Bromine	81-1						cps
Cadmium	111-1	32.07	33.37	39.93	35.13	12.00	ppb
Cadmium	106-1	29.00	28.40	36.67	31.36	14.71	ppb
Cadmium	108-1	27.09	32.11	37.83	32.34	16.61	ppb
Calcium	43-1	3.92	-5.93	18.66	5.55	223.06	ppb
Calcium	44-1	-215.14	-214.52	-126.21	-185.29		ppb
Chromium	52-2	37.13	36.50	35.79	36.48	1.84	ppb
Cobalt	59-2	0.01	0.02	-0.01	0.01	167.52	ppb
Copper	63-2	966.95	950.17	956.95	958.02	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	941.93	915.79	910.47	922.73	1.82	ppb
Iron	56-2	928.48	913.23	916.92	919.54	0.87	ppb
Iron	57-2	911.12	918.92	895.67	908.57	1.30	ppb
Krypton	83-1						cps
Lead	206-1	9.78	9.50	11.97	10.42	13.00	ppb
Lead	207-1	9.46	9.40	11.59	10.15	12.26	ppb
Lead	208-1	9.39	9.50	11.73	10.21	12.94	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-5.18	-3.32	-8.02	-5.51		ppb
Manganese	55-2	96.59	96.59	95.76	96.31	0.49	ppb
Molybdenum	94-1	24.21	24.60	29.11	25.97	10.47	ppb
Molybdenum	95-1	34.42	33.31	41.71	36.48	12.51	ppb
Molybdenum	96-1	32.38	33.83	40.95	35.72	12.85	ppb
Molybdenum	97-1	33.67	34.88	40.27	36.27	9.69	ppb
Molybdenum	98-1	34.04	34.63	41.71	36.79	11.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.47	457.27	459.88	459.87	0.57	ppb
Phosphorus	31-2	-11.82	-46.31	-12.90	-23.67		ppb
Potassium	39-2	-10.94	-7.79	-13.94	-10.89		ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	53.46	56.81	64.82	58.36	10.00	ppb
Selenium	77-2	73.52	35.64	46.01	51.72	37.85	ppb
Selenium	78-2	49.53	57.39	58.89	55.27	9.10	ppb
Silicon	28-1	62.66	65.78	130.69	86.38	44.47	ppb
Silver	109-1	27.11	28.27	33.54	29.64	11.55	ppb
Silver	107-1	27.45	28.34	33.17	29.65	10.39	ppb
Sodium	23-2	15.21	16.49	9.41	13.70	27.51	ppb
Strontium	86-1	0.03	0.01	-0.01	0.01	150.24	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	7.17	ppb
Sulfur	34-1	-662.35	-1074.16	5777.23	1346.91	285.27	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	7.88	7.97	9.55	8.47	11.03	ppb
Thallium	205-1	7.78	7.72	9.68	8.39	13.25	ppb
Tin	118-1	0.00	0.01	0.03	0.02	91.96	ppb
Titanium	47-1	0.06	-0.18	0.18	0.02	894.76	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	1243.70	ppb
Vanadium	51-2	477.64	467.53	471.25	472.14	1.08	ppb
Yttrium	89-1				93		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	671.74	669.56	666.01	669.10	0.43	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	12.80	ppb
Zirconium	91-1	0.07	0.08	0.04	0.06	39.79	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	787.71	769.89	858.58	805.39	5.82	ppb
Antimony	121-1	27.92	28.07	28.87	28.29	1.82	ppb
Arsenic	75-2	37.24	36.39	39.18	37.60	3.81	ppb
Barium	135-1	2141.80	2152.72	2199.53	2164.68	1.42	ppb
Barium	137-1	2138.20	2132.88	2175.17	2148.75	1.07	ppb
Beryllium	9-1	14.62	14.64	14.45	14.57	0.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	1176.29	1442.18	1573.04	1397.17	14.47	ppb
Boron	11-1	1155.92	1437.87	1547.95	1380.58	14.65	ppb
Bromine	81-1						cps
Cadmium	111-1	33.90	34.25	35.33	34.49	2.16	ppb
Cadmium	106-1	28.47	30.27	27.13	28.62	5.52	ppb
Cadmium	108-1	31.78	33.34	30.15	31.76	5.03	ppb
Calcium	43-1	13.62	7.00	8.53	9.72	35.71	ppb
Calcium	44-1	-220.20	-217.76	-204.32	-214.09		ppb
Chromium	52-2	37.54	35.54	40.45	37.84	6.52	ppb
Cobalt	59-2	0.01	0.03	0.00	0.01	92.65	ppb
Copper	63-2	977.75	909.85	1043.93	977.18	6.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	955.78	898.91	1027.22	960.64	6.69	ppb
Iron	56-2	932.65	891.17	1013.42	945.75	6.57	ppb
Iron	57-2	968.53	907.79	983.16	953.16	4.19	ppb
Krypton	83-1						cps
Lead	206-1	9.47	9.82	10.01	9.77	2.81	ppb
Lead	207-1	9.13	9.36	9.37	9.28	1.46	ppb
Lead	208-1	9.26	9.56	9.78	9.53	2.73	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	-4.32	-4.56	-7.14	-5.34		ppb
Manganese	55-2	99.77	93.79	106.42	99.99	6.32	ppb
Molybdenum	94-1	24.46	25.44	25.22	25.04	2.06	ppb
Molybdenum	95-1	34.11	35.00	34.89	34.67	1.41	ppb
Molybdenum	96-1	32.38	34.74	34.16	33.76	3.65	ppb
Molybdenum	97-1	35.11	35.20	35.99	35.43	1.37	ppb
Molybdenum	98-1	34.79	35.44	36.23	35.49	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.67	445.12	507.11	474.97	6.54	ppb
Phosphorus	31-2	-28.26	10.67	-8.69	-8.76		ppb
Potassium	39-2	-2.82	-38.24	46.51	1.82	2344.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	54.34	55.63	54.06	54.68	1.53	ppb
Selenium	77-2	59.25	66.71	59.63	61.86	6.79	ppb
Selenium	78-2	50.07	49.99	62.99	54.35	13.77	ppb
Silicon	28-1	65.78	61.38	67.38	64.85	4.79	ppb
Silver	109-1	27.99	28.64	28.67	28.43	1.35	ppb
Silver	107-1	27.82	27.97	28.62	28.14	1.52	ppb
Sodium	23-2	14.97	-3.91	37.23	16.09	127.95	ppb
Strontium	86-1	0.06	-0.04	-0.09	-0.02		ppb
Strontium	88-1	0.05	0.04	0.04	0.04	16.36	ppb
Sulfur	34-1	-960.39	-1303.82	-976.91	-1080.37		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	7.73	8.03	8.10	7.95	2.47	ppb
Thallium	205-1	7.89	8.04	7.94	7.95	0.95	ppb
Tin	118-1	0.00	0.02	0.04	0.02	93.42	ppb
Titanium	47-1	-0.19	-0.32	0.13	-0.13		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	836.45	ppb
Vanadium	51-2	481.20	456.46	508.04	481.90	5.35	ppb
Yttrium	89-1				98		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	682.58	631.00	727.31	680.30	7.08	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	7.09	ppb
Zirconium	91-1	0.09	0.05	0.07	0.07	29.53	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	1.18	3.26	1.86	65.20	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	115.74	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.03	-0.04	-0.02	-0.03		ppb
Barium	137-1	0.02	-0.01	0.01	0.01	189.61	ppb
Beryllium	9-1	0.00	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	238.14	206.48	197.78	214.13	9.92	ppb
Boron	11-1	229.41	208.12	192.90	210.14	8.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.17	-0.11	-0.10		ppb
Cadmium	106-1	-0.33	-2.23	-1.52	-1.36		ppb
Cadmium	108-1	-0.08	0.11	-0.09	-0.02		ppb
Calcium	43-1	96.30	112.88	78.00	95.73	18.23	ppb
Calcium	44-1	-127.02	-142.06	-120.04	-129.71		ppb
Chromium	52-2	0.00	0.07	0.01	0.03	136.73	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	227.64	ppb
Copper	63-2	0.05	0.10	0.05	0.06	45.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	-1.99	-0.14	0.08	-0.68		ppb
Iron	56-2	0.47	0.26	0.56	0.43	36.35	ppb
Iron	57-2	-2.93	-1.29	-1.98	-2.07		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.01	0.02	0.03	115.12	ppb
Lead	207-1	0.06	0.13	0.05	0.08	53.89	ppb
Lead	208-1	0.06	0.07	0.05	0.06	21.79	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	-6.48	-10.88	-8.19	-8.51		ppb
Manganese	55-2	0.02	0.06	0.03	0.03	61.89	ppb
Molybdenum	94-1	0.03	0.06	0.04	0.04	31.69	ppb
Molybdenum	95-1	0.02	0.00	-0.01	0.00	586.82	ppb
Molybdenum	96-1	0.02	-0.01	0.01	0.01	258.12	ppb
Molybdenum	97-1	0.04	0.04	0.01	0.03	64.34	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	11.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	0.00		ppb
Phosphorus	31-2	18.57	-21.49	-17.85	-6.92		ppb
Potassium	39-2	-14.16	-6.32	-15.33	-11.94		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	0.22	-0.11	-0.44	-0.11		ppb
Selenium	77-2	-1.01	-0.96	-0.99	-0.99		ppb
Selenium	78-2	1.42	1.50	-0.72	0.74	171.31	ppb
Silicon	28-1	6.98	5.13	6.43	6.18	15.39	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	153.60	ppb
Sodium	23-2	-30.09	-4.36	-19.06	-17.84		ppb
Strontium	86-1	-0.08	-0.04	-0.05	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1001.77	-1439.99	-1027.01	-1156.25		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	-0.02	0.00		ppb
Thallium	205-1	0.00	0.00	0.02	0.01	150.29	ppb
Tin	118-1	0.01	0.04	-0.02	0.01	258.49	ppb
Titanium	47-1	-0.09	0.02	0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.02	0.00	357.77	ppb
Yttrium	89-1				98		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.54	0.61	0.40	0.52	20.35	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	333.39	ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	172.66	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BS	Instrumnet Name :	P8
Client Sample ID :	PB130424BS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:09:43	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10015.14	9830.38	9838.85	9894.79	1.05	ppb
Antimony	121-1	493.38	483.35	488.68	488.47	1.03	ppb
Arsenic	75-2	500.18	499.13	500.89	500.07	0.18	ppb
Barium	135-1	2453.01	2420.79	2447.60	2440.46	0.71	ppb
Barium	137-1	2467.37	2423.62	2440.59	2443.86	0.90	ppb
Beryllium	9-1	477.57	487.76	486.05	483.79	1.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	452.14	518.89	548.80	506.61	9.77	ppb
Boron	11-1	450.86	509.78	548.11	502.91	9.74	ppb
Bromine	81-1						cps
Cadmium	111-1	482.62	476.29	486.46	481.79	1.07	ppb
Cadmium	106-1	470.01	479.69	478.88	476.19	1.13	ppb
Cadmium	108-1	486.53	480.79	493.80	487.04	1.34	ppb
Calcium	43-1	51092.65	52986.03	52258.78	52112.49	1.83	ppb
Calcium	44-1	49529.29	51553.66	50239.62	50440.86	2.04	ppb
Chromium	52-2	507.91	495.47	507.70	503.69	1.41	ppb
Cobalt	59-2	504.73	489.59	499.56	497.96	1.55	ppb
Copper	63-2	5101.24	5016.01	5079.21	5065.48	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				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	26178.12	25268.72	25782.47	25743.10	1.77	ppb
Iron	56-2	25648.91	25073.21	25642.37	25454.83	1.30	ppb
Iron	57-2	25962.09	25612.20	25868.15	25814.15	0.70	ppb
Krypton	83-1						cps
Lead	206-1	2521.17	2466.03	2533.02	2506.74	1.43	ppb
Lead	207-1	2495.34	2459.92	2507.32	2487.52	0.99	ppb
Lead	208-1	2505.04	2463.56	2506.90	2491.83	0.98	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BS	Instrumnet Name :	P8
Client Sample ID :	PB130424BS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:09:43	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	52902.08	51512.46	50869.98	51761.51	2.01	ppb
Manganese	55-2	5155.54	5060.13	5076.01	5097.22	1.00	ppb
Molybdenum	94-1	2462.95	2512.80	2426.34	2467.36	1.76	ppb
Molybdenum	95-1	2408.28	2497.82	2412.12	2439.40	2.08	ppb
Molybdenum	96-1	2455.44	2480.52	2407.22	2447.73	1.52	ppb
Molybdenum	97-1	2493.34	2510.20	2464.63	2489.39	0.93	ppb
Molybdenum	98-1	2468.28	2503.07	2437.32	2469.56	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.35	499.65	504.17	505.39	1.27	ppb
Phosphorus	31-2	10010.09	10125.18	10091.54	10075.60	0.59	ppb
Potassium	39-2	26116.93	26089.81	25439.75	25882.16	1.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	488.30	507.87	485.69	493.95	2.45	ppb
Selenium	77-2	525.19	495.87	477.01	499.36	4.86	ppb
Selenium	78-2	513.81	499.21	499.80	504.27	1.64	ppb
Silicon	28-1	453.96	493.79	505.14	484.30	5.55	ppb
Silver	109-1	491.36	486.42	502.13	493.30	1.63	ppb
Silver	107-1	486.76	490.38	492.70	489.95	0.61	ppb
Sodium	23-2	52669.16	51440.24	51374.97	51828.12	1.41	ppb
Strontium	86-1	488.61	494.69	484.84	489.38	1.02	ppb
Strontium	88-1	487.33	494.36	491.74	491.14	0.72	ppb
Sulfur	34-1	9252.29	9311.29	8399.32	8987.63	5.68	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	491.91	476.18	494.97	487.69	2.07	ppb
Thallium	205-1	492.41	492.48	502.26	495.72	1.14	ppb
Tin	118-1	486.50	480.03	488.13	484.89	0.88	ppb
Titanium	47-1	2451.99	2488.20	2485.44	2475.21	0.81	ppb
Uranium	238-1	494.65	498.99	503.55	499.06	0.89	ppb
Vanadium	51-2	510.78	498.11	500.56	503.15	1.34	ppb
Yttrium	89-1				104		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BS	Instrumnet Name :	P8
Client Sample ID :	PB130424BS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:09:43	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	5083.16	5000.57	5091.45	5058.39	0.99	ppb
Zirconium	90-1	484.49	501.97	491.28	492.58	1.79	ppb
Zirconium	91-1	492.96	500.46	490.09	494.51	1.08	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52411.80	51162.03	51364.86	51646.23	1.30	ppb
Antimony	121-1	483.58	502.00	491.68	492.42	1.87	ppb
Arsenic	75-2	500.56	497.79	483.81	494.05	1.82	ppb
Barium	135-1	2426.12	2513.79	2500.31	2480.07	1.90	ppb
Barium	137-1	2430.27	2485.57	2489.15	2468.33	1.34	ppb
Beryllium	9-1	490.44	493.62	491.14	491.73	0.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	569.10	621.52	651.40	614.01	6.78	ppb
Boron	11-1	565.63	612.48	637.66	605.26	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	467.70	475.89	470.40	471.33	0.89	ppb
Cadmium	106-1	487.81	477.03	478.23	481.02	1.23	ppb
Cadmium	108-1	471.13	481.91	484.12	479.05	1.45	ppb
Calcium	43-1	238382.95	243889.94	242579.11	241617.34	1.19	ppb
Calcium	44-1	238759.19	242167.43	244367.52	241764.71	1.17	ppb
Chromium	52-2	506.17	496.09	496.47	499.58	1.14	ppb
Cobalt	59-2	498.03	488.68	487.79	491.50	1.15	ppb
Copper	63-2	4997.38	4907.13	4861.63	4922.05	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	122567.85	121748.10	122351.40	122222.45	0.35	ppb
Iron	56-2	125294.54	122101.22	122327.51	123241.09	1.45	ppb
Iron	57-2	125963.07	125015.68	124580.73	125186.49	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2507.89	2556.73	2575.87	2546.83	1.38	ppb
Lead	207-1	2505.98	2526.95	2464.51	2499.15	1.27	ppb
Lead	208-1	2487.91	2534.94	2498.97	2507.27	0.98	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	253086.47	249255.44	248609.96	250317.29	0.97	ppb
Manganese	55-2	5144.32	4980.00	5036.29	5053.54	1.65	ppb
Molybdenum	94-1	2549.89	2475.14	2546.05	2523.69	1.67	ppb
Molybdenum	95-1	2493.29	2486.57	2493.57	2491.15	0.16	ppb
Molybdenum	96-1	2462.42	2502.36	2520.51	2495.10	1.19	ppb
Molybdenum	97-1	2534.46	2488.13	2527.94	2516.84	1.00	ppb
Molybdenum	98-1	2538.73	2484.85	2527.99	2517.19	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.64	489.31	492.45	496.13	1.86	ppb
Phosphorus	31-2	10128.62	10073.01	10127.76	10109.80	0.32	ppb
Potassium	39-2	126620.92	124401.83	125142.87	125388.54	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	500.36	493.76	503.74	499.29	1.02	ppb
Selenium	77-2	527.76	452.63	465.11	481.84	8.36	ppb
Selenium	78-2	488.71	494.11	504.13	495.65	1.58	ppb
Silicon	28-1	472.01	485.37	484.09	480.49	1.53	ppb
Silver	109-1	470.99	479.42	478.71	476.37	0.98	ppb
Silver	107-1	474.12	483.80	475.34	477.75	1.10	ppb
Sodium	23-2	252903.08	247706.63	248693.82	249767.84	1.10	ppb
Strontium	86-1	496.49	498.45	505.79	500.24	0.98	ppb
Strontium	88-1	497.46	496.70	495.63	496.60	0.18	ppb
Sulfur	34-1	9377.58	9065.24	8397.16	8946.66	5.60	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	494.72	507.21	491.24	497.72	1.69	ppb
Thallium	205-1	501.88	514.10	499.51	505.17	1.55	ppb
Tin	118-1	482.49	497.60	478.70	486.26	2.06	ppb
Titanium	47-1	2484.27	2500.14	2512.25	2498.89	0.56	ppb
Uranium	238-1	518.22	530.51	518.49	522.41	1.34	ppb
Vanadium	51-2	510.19	501.16	502.20	504.52	0.98	ppb
Yttrium	89-1				102		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	4938.29	4862.43	4854.27	4884.99	0.95	ppb
Zirconium	90-1	500.56	501.42	496.44	499.47	0.53	ppb
Zirconium	91-1	502.76	505.44	516.25	508.15	1.41	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.61	0.41	0.07	1.03	133.77	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	30.14	ppb
Arsenic	75-2	0.03	0.01	-0.01	0.01	204.11	ppb
Barium	135-1	-0.03	-0.03	-0.02	-0.03		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	178.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	45.07	47.97	48.42	47.15	3.86	ppb
Boron	11-1	47.31	46.63	46.17	46.70	1.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.28	-0.13	-0.22		ppb
Cadmium	106-1	-3.40	-4.00	-1.84	-3.08		ppb
Cadmium	108-1	-0.09	-0.09	0.04	-0.04		ppb
Calcium	43-1	89.72	88.78	73.97	84.16	10.49	ppb
Calcium	44-1	-157.84	-133.89	-155.71	-149.15		ppb
Chromium	52-2	0.04	0.08	0.02	0.05	64.72	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	170.08	ppb
Copper	63-2	0.11	0.08	0.11	0.10	18.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	0.31	1.24	0.82	0.79	58.61	ppb
Iron	56-2	0.55	0.47	0.38	0.47	18.32	ppb
Iron	57-2	1.80	-3.43	-0.35	-0.66		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.20	0.16	0.18	12.67	ppb
Lead	207-1	0.23	0.10	0.14	0.16	40.94	ppb
Lead	208-1	0.19	0.18	0.14	0.17	15.59	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	-5.73	-5.50	-8.30	-6.51		ppb
Manganese	55-2	0.01	0.03	0.04	0.03	59.12	ppb
Molybdenum	94-1	0.08	0.05	0.00	0.05	87.90	ppb
Molybdenum	95-1	0.07	0.02	0.01	0.04	90.99	ppb
Molybdenum	96-1	0.11	0.03	0.00	0.05	116.14	ppb
Molybdenum	97-1	0.08	0.07	0.02	0.06	64.13	ppb
Molybdenum	98-1	0.08	0.03	0.01	0.04	78.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.00	-0.01		ppb
Phosphorus	31-2	7.71	-12.23	-41.59	-15.37		ppb
Potassium	39-2	11.86	-8.09	-20.34	-5.53		ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	82-1	-0.63	-0.76	0.23	-0.38		ppb
Selenium	77-2	-2.93	2.94	-2.93	-0.98		ppb
Selenium	78-2	0.72	0.36	-0.08	0.33	120.47	ppb
Silicon	28-1	-1.14	2.11	-0.49	0.16	1077.21	ppb
Silver	109-1	0.00	0.00	0.01	0.00	107.37	ppb
Silver	107-1	0.00	0.00	0.00	0.00	33.34	ppb
Sodium	23-2	-0.59	-25.74	-26.76	-17.70		ppb
Strontium	86-1	0.00	-0.10	0.03	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	109.60	ppb
Sulfur	34-1	-1343.52	-449.73	-1104.89	-966.05		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.02	0.01	0.01	116.41	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	236.68	ppb
Tin	118-1	0.01	0.01	0.01	0.01	13.00	ppb
Titanium	47-1	-0.31	-0.03	-0.26	-0.20		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	155.08	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	120.92	ppb
Yttrium	89-1				97		%

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	0.77	0.86	0.35	0.66	41.17	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	44.69	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	138.24	ppb

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	866	908	916	897	3.00	cps
Antimony	121-1	17	42	25	28	45.82	cps
Arsenic	75-2	10	10	6	9	26.65	cps
Barium	135-1	25	50	25	33	43.30	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	82	68	50	67	24.06	cps
Bismuth	209-1	1869817	1841719	1850187	1853908	0.78	cps
Bismuth	209-2	1080101	1111502	1138892	1110165	2.65	cps
Boron	10-1	304	242	258	268	12.01	cps
Boron	11-1	1276	1282	1348	1302	3.07	cps
Bromine	81-1	3334	3814	3504	3551	6.86	cps
Cadmium	111-1	1130	1051	1071	1084	3.81	cps
Cadmium	106-1	1617	1500	1533	1550	3.88	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	817	692	758	756	8.28	cps
Calcium	44-1	120245	119488	119481	119738	0.37	cps
Chromium	52-2	693	733	793	740	6.80	cps
Cobalt	59-2	47	50	47	48	4.02	cps
Copper	63-2	610	633	687	643	6.11	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	3624160	3528809	3576466	3576478	1.33	cps
Holmium	165-2	1736152	1684138	1816575	1745622	3.82	cps
Indium	115-1	4134840	4033092	4123157	4097030	1.36	cps
Indium	115-2	592989	602009	632455	609151	3.39	cps
Iron	54-2	422	461	389	424	8.52	cps
Iron	56-2	2617	2617	2711	2648	2.06	cps
Iron	57-2	117	189	144	150	24.29	cps
Krypton	83-1	393	380	323	366	10.17	cps
Lead	206-1	233	261	283	259	9.66	cps
Lead	207-1	233	183	206	207	12.08	cps
Lead	208-1	906	917	1067	963	9.34	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	834735	817896	830147	827593	1.05	cps
Magnesium	24-2	1700	1542	1759	1667	6.73	cps
Manganese	55-2	67	67	73	69	5.58	cps
Molybdenum	94-1	133	158	100	131	22.42	cps
Molybdenum	95-1	33	50	58	47	26.96	cps
Molybdenum	96-1	42	58	50	50	16.66	cps
Molybdenum	97-1	8	33	33	25	57.74	cps
Molybdenum	98-1	25	33	25	28	17.31	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	77	77	63	72	10.66	cps
Phosphorus	31-2	183	183	217	194	9.90	cps
Potassium	39-2	31025	32245	32679	31983	2.68	cps
Rhodium	103-1	4008383	4026445	4045984	4026937	0.47	cps
Rhodium	103-2	1815587	1862006	1931638	1869744	3.12	cps
Scandium	45-1	3038024	3023992	3061548	3041188	0.62	cps
Scandium	45-2	102623	105463	110324	106137	3.67	cps
Selenium	82-1	-66	-37	70	-11	-664.63	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	42	43	44	43	2.33	cps
Silicon	28-1	657339	650284	655032	654219	0.55	cps
Silver	109-1	50	33	8	31	68.64	cps
Silver	107-1	83	58	8	50	76.38	cps
Sodium	23-2	49936	49635	51140	50237	1.59	cps
Strontium	86-1	600	600	775	658	15.35	cps
Strontium	88-1	125	133	117	125	6.67	cps
Sulfur	34-1	572953	575123	573746	573941	0.19	cps
Terbium	159-1	3864453	3850828	3844472	3853251	0.26	cps
Terbium	159-2	1737798	1692487	1803008	1744431	3.18	cps
Thallium	203-1	42	50	25	39	32.73	cps
Thallium	205-1	100	75	92	89	14.32	cps
Tin	118-1	317	417	375	369	13.60	cps
Titanium	47-1	858	1067	867	931	12.68	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	23	10	3	12	83.33	cps
Yttrium	89-1	6582669	6557043	6575234	6571649	0.20	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:21:24	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	676473	684147	731276	697299	4.26	cps
Zinc	66-2	153	136	130	140	8.62	cps
Zirconium	90-1	283	250	317	283	11.76	cps
Zirconium	91-1	83	42	25	50	60.09	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1348	1318	1346	1337	1.25	cps
Antimony	121-1	7169	6902	7177	7083	2.21	cps
Arsenic	75-2	165	133	154	151	10.79	cps
Barium	135-1	7277	7244	6877	7133	3.11	cps
Barium	137-1	12256	12781	11864	12300	3.74	cps
Beryllium	9-1	866	890	928	895	3.49	cps
Bismuth	209-1	1805922	1749773	1736179	1763958	2.10	cps
Bismuth	209-2	1069074	1058338	1073420	1066944	0.73	cps
Boron	10-1	1688	1758	1852	1766	4.66	cps
Boron	11-1	7468	8071	8455	7998	6.22	cps
Bromine	81-1	3704	3955	3865	3841	3.30	cps
Cadmium	111-1	2038	2089	2108	2078	1.76	cps
Cadmium	106-1	1658	1675	1742	1692	2.61	cps
Cadmium	108-1	75	96	75	82	14.68	cps
Calcium	43-1	5918	5776	5726	5807	1.71	cps
Calcium	44-1	200498	203414	202194	202035	0.72	cps
Chromium	52-2	2790	2634	2847	2757	4.01	cps
Cobalt	59-2	1900	1923	1933	1919	0.89	cps
Copper	63-2	3390	3644	3574	3536	3.70	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	33	33	67	44	43.31	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3550316	3319583	3365437	3411779	3.58	cps
Holmium	165-2	1638616	1653183	1678051	1656617	1.20	cps
Indium	115-1	4054663	3799833	3885916	3913471	3.31	cps
Indium	115-2	578504	582318	589358	583393	0.94	cps
Iron	54-2	2767	2506	2472	2582	6.25	cps
Iron	56-2	42162	42708	41795	42222	1.09	cps
Iron	57-2	1045	961	1017	1007	4.21	cps
Krypton	83-1	393	347	360	367	6.55	cps
Lead	206-1	1567	1828	1750	1715	7.82	cps
Lead	207-1	1289	1422	1256	1322	6.67	cps
Lead	208-1	6190	6673	6240	6367	4.18	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	828435	781330	790406	800057	3.12	cps
Magnesium	24-2	34625	33180	34533	34113	2.37	cps
Manganese	55-2	513	533	627	558	10.85	cps
Molybdenum	94-1	7010	7410	7436	7285	3.28	cps
Molybdenum	95-1	8361	9278	8811	8817	5.20	cps
Molybdenum	96-1	9320	9937	9654	9637	3.21	cps
Molybdenum	97-1	4834	5676	5685	5398	9.05	cps
Molybdenum	98-1	14208	14216	13373	13932	3.47	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	593	613	627	611	2.75	cps
Phosphorus	31-2	133	283	183	200	38.19	cps
Potassium	39-2	56009	57507	57774	57097	1.67	cps
Rhodium	103-1	4058625	3725498	3765600	3849908	4.72	cps
Rhodium	103-2	1812594	1834080	1867353	1838009	1.50	cps
Scandium	45-1	3017218	2822041	2862412	2900557	3.55	cps
Scandium	45-2	101958	102402	102257	102206	0.22	cps
Selenium	82-1	307	319	252	293	12.09	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	70	68	67	68	2.24	cps
Silicon	28-1	689170	689354	686435	688319	0.24	cps
Silver	109-1	3842	4384	4026	4084	6.75	cps
Silver	107-1	4393	4267	4334	4331	1.44	cps
Sodium	23-2	116404	116437	117487	116776	0.53	cps
Strontium	86-1	1558	1658	1692	1636	4.24	cps
Strontium	88-1	9904	10379	10196	10160	2.36	cps
Sulfur	34-1	576787	570270	568393	571816	0.77	cps
Terbium	159-1	3874837	3627605	3691647	3731363	3.44	cps
Terbium	159-2	1680023	1671881	1695979	1682627	0.73	cps
Thallium	203-1	1683	1600	1759	1681	4.71	cps
Thallium	205-1	4242	4409	3759	4137	8.16	cps
Tin	118-1	12948	12673	12448	12690	1.98	cps
Titanium	47-1	3417	3626	3567	3537	3.04	cps
Uranium	238-1	4101	4276	4359	4245	3.11	cps
Vanadium	51-2	4337	4084	4494	4305	4.81	cps
Yttrium	89-1	6479072	6127082	6176432	6260862	3.04	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:27:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	660920	671692	676567	669726	1.20	cps
Zinc	66-2	494	534	464	497	7.07	cps
Zirconium	90-1	6643	6427	5993	6354	5.21	cps
Zirconium	91-1	1400	1483	1342	1408	5.06	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:30:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23556	23146	22909	23204	1.41	cps
Antimony	121-1	197139	203565	200068	200257	1.61	cps
Arsenic	75-2	7748	7566	7650	7655	1.19	cps
Barium	135-1	191363	194843	191734	192647	0.99	cps
Barium	137-1	333006	341797	335611	336805	1.34	cps
Beryllium	9-1	44241	44315	44616	44391	0.45	cps
Bismuth	209-1	1897466	1895620	1918059	1903715	0.65	cps
Bismuth	209-2	1046675	1107364	1100698	1084912	3.07	cps
Boron	10-1	3202	3626	3540	3456	6.49	cps
Boron	11-1	14658	16372	17175	16068	8.00	cps
Bromine	81-1	3264	3324	3614	3401	5.51	cps
Cadmium	111-1	46920	47747	46966	47211	0.98	cps
Cadmium	106-1	6552	6335	6443	6443	1.68	cps
Cadmium	108-1	3538	3209	3309	3352	5.04	cps
Calcium	43-1	55818	57542	56478	56613	1.54	cps
Calcium	44-1	1063463	1082172	1069201	1071612	0.89	cps
Chromium	52-2	60333	59905	58820	59686	1.31	cps
Cobalt	59-2	104692	103687	101227	103202	1.73	cps
Copper	63-2	774289	761798	753029	763039	1.40	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	17	50	22	114.56	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	42	17	75	44	65.84	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	3633449	3597545	3579521	3603505	0.76	cps
Holmium	165-2	1663373	1708250	1749251	1706958	2.52	cps
Indium	115-1	4167834	4204201	4116958	4162998	1.05	cps
Indium	115-2	578583	600691	605273	594849	2.40	cps
Iron	54-2	122056	120028	119943	120676	0.99	cps
Iron	56-2	2211799	2170580	2135891	2172757	1.75	cps
Iron	57-2	55369	52954	52976	53766	2.58	cps
Krypton	83-1	373	393	427	398	6.77	cps
Lead	206-1	391982	397655	401322	396986	1.19	cps
Lead	207-1	349387	353416	354622	352475	0.78	cps
Lead	208-1	1571390	1593208	1598845	1587814	0.91	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:30:50 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	854312	844465	836804	845194	1.04	cps
Magnesium	24-2	380980	374940	372779	376233	1.13	cps
Manganese	55-2	268130	262411	261292	263944	1.39	cps
Molybdenum	94-1	402760	409162	397958	403293	1.39	cps
Molybdenum	95-1	495273	499320	490408	495000	0.90	cps
Molybdenum	96-1	547709	540779	536165	541551	1.07	cps
Molybdenum	97-1	309878	303274	301167	304773	1.49	cps
Molybdenum	98-1	783029	780790	771752	778524	0.77	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28428	28362	28091	28294	0.63	cps
Phosphorus	31-2	1892	1750	1984	1875	6.27	cps
Potassium	39-2	185943	181489	182087	183173	1.32	cps
Rhodium	103-1	4092365	4118703	4058423	4089831	0.74	cps
Rhodium	103-2	1757125	1853112	1938409	1849549	4.90	cps
Scandium	45-1	3084921	3167139	3127803	3126621	1.32	cps
Scandium	45-2	99901	104228	104547	102892	2.52	cps
Selenium	82-1	3286	3443	3311	3347	2.52	cps
Selenium	77-2	93	93	103	97	5.97	cps
Selenium	78-2	394	359	384	379	4.76	cps
Silicon	28-1	835792	849399	854161	846451	1.13	cps
Silver	109-1	225329	221681	218199	221736	1.61	cps
Silver	107-1	233729	235238	233503	234157	0.40	cps
Sodium	23-2	813617	806956	796427	805667	1.08	cps
Strontium	86-1	65076	64666	63812	64518	1.00	cps
Strontium	88-1	555282	553961	552180	553808	0.28	cps
Sulfur	34-1	593345	585314	586141	588266	0.75	cps
Terbium	159-1	3943283	3944518	3954329	3947377	0.15	cps
Terbium	159-2	1632190	1751397	1736819	1706802	3.81	cps
Thallium	203-1	94182	96617	95762	95520	1.29	cps
Thallium	205-1	219691	224115	224653	222820	1.22	cps
Tin	118-1	137754	138950	138369	138358	0.43	cps
Titanium	47-1	154240	152117	153591	153316	0.71	cps
Uranium	238-1	242257	241127	238285	240556	0.85	cps
Vanadium	51-2	47950	48101	47619	47890	0.51	cps
Yttrium	89-1	6915558	6848505	6777726	6847263	1.01	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:30:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	663341	688578	692566	681495	2.33	cps
Zinc	66-2	102528	100963	101378	101623	0.80	cps
Zirconium	90-1	340330	335791	333588	336570	1.02	cps
Zirconium	91-1	74257	74056	74189	74167	0.14	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:33:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56817	55950	55271	56012	1.38	cps
Antimony	121-1	505158	502152	504886	504065	0.33	cps
Arsenic	75-2	19068	19476	19311	19285	1.07	cps
Barium	135-1	488580	480277	487701	485519	0.94	cps
Barium	137-1	851458	850497	845710	849222	0.36	cps
Beryllium	9-1	110782	109808	111278	110623	0.68	cps
Bismuth	209-1	1918804	1894980	1914265	1909350	0.66	cps
Bismuth	209-2	1109590	1102715	1081385	1097897	1.34	cps
Boron	10-1	7562	8217	8575	8118	6.32	cps
Boron	11-1	35752	38972	41787	38837	7.77	cps
Bromine	81-1	3494	3504	3744	3581	3.96	cps
Cadmium	111-1	116675	116466	118441	117194	0.93	cps
Cadmium	106-1	14149	13315	13774	13746	3.04	cps
Cadmium	108-1	8499	8424	8611	8511	1.11	cps
Calcium	43-1	140896	140433	143009	141446	0.97	cps
Calcium	44-1	2428197	2446836	2473833	2449622	0.94	cps
Chromium	52-2	147067	145171	144445	145561	0.93	cps
Cobalt	59-2	261254	258359	256642	258752	0.90	cps
Copper	63-2	1950136	1900029	1873029	1907731	2.05	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	3639558	3631716	3705221	3658831	1.10	cps
Holmium	165-2	1707161	1691126	1732198	1710162	1.21	cps
Indium	115-1	4156182	4177322	4218927	4184144	0.76	cps
Indium	115-2	602308	604341	596475	601041	0.68	cps
Iron	54-2	296680	299982	293144	296602	1.15	cps
Iron	56-2	5431229	5228804	5344346	5334793	1.90	cps
Iron	57-2	134484	131669	130996	132383	1.40	cps
Krypton	83-1	340	393	387	373	7.78	cps
Lead	206-1	984102	992072	999211	991795	0.76	cps
Lead	207-1	883617	883155	895740	887504	0.80	cps
Lead	208-1	4009586	3997622	4068991	4025400	0.95	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:33:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	850794	839568	848318	846227	0.70	cps
Magnesium	24-2	926095	918066	911449	918537	0.80	cps
Manganese	55-2	658655	648846	645283	650928	1.06	cps
Molybdenum	94-1	1021815	1013211	1015758	1016928	0.43	cps
Molybdenum	95-1	1247358	1234289	1233511	1238386	0.63	cps
Molybdenum	96-1	1350157	1360137	1349868	1353388	0.43	cps
Molybdenum	97-1	762170	760700	761087	761319	0.10	cps
Molybdenum	98-1	1991614	1953846	1983423	1976294	1.01	cps
Neodymium	150-1	13	7	47	22	96.44	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	70413	69529	69281	69741	0.85	cps
Phosphorus	31-2	4417	4001	3984	4134	5.94	cps
Potassium	39-2	408169	411941	400684	406931	1.41	cps
Rhodium	103-1	4082512	4166813	4178899	4142741	1.27	cps
Rhodium	103-2	1868032	1862693	1851141	1860622	0.46	cps
Scandium	45-1	3132259	3104610	3164959	3133943	0.96	cps
Scandium	45-2	104305	102700	101317	102774	1.45	cps
Selenium	82-1	8457	8360	8445	8420	0.62	cps
Selenium	77-2	230	217	223	223	2.98	cps
Selenium	78-2	861	793	812	822	4.27	cps
Silicon	28-1	1021340	1036348	1049111	1035600	1.34	cps
Silver	109-1	555554	555306	552562	554474	0.30	cps
Silver	107-1	586766	590679	580664	586036	0.86	cps
Sodium	23-2	1921578	1902406	1854231	1892739	1.83	cps
Strontium	86-1	162124	161475	162774	162124	0.40	cps
Strontium	88-1	1377140	1400455	1392121	1389905	0.85	cps
Sulfur	34-1	616580	614547	614477	615201	0.19	cps
Terbium	159-1	3977694	3996904	4020161	3998253	0.53	cps
Terbium	159-2	1728611	1754741	1748165	1743839	0.78	cps
Thallium	203-1	241106	239854	240996	240652	0.29	cps
Thallium	205-1	559937	568266	572084	566762	1.10	cps
Tin	118-1	345951	349266	346559	347259	0.51	cps
Titanium	47-1	381856	379864	386093	382605	0.83	cps
Uranium	238-1	624163	614336	614309	617602	0.92	cps
Vanadium	51-2	117622	116759	116342	116907	0.56	cps
Yttrium	89-1	6710934	6806916	6743459	6753770	0.72	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:33:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	695993	696189	681339	691174	1.23	cps
Zinc	66-2	255558	253553	249021	252711	1.33	cps
Zirconium	90-1	849094	849239	852454	850262	0.22	cps
Zirconium	91-1	185627	190708	184057	186797	1.86	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:37:01 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111913	108925	109893	110243	1.38	cps
Antimony	121-1	985547	1012874	993620	997347	1.41	cps
Arsenic	75-2	38216	37880	38296	38131	0.58	cps
Barium	135-1	953861	956332	963443	957879	0.52	cps
Barium	137-1	1623198	1641904	1674478	1646526	1.58	cps
Beryllium	9-1	220115	219188	219832	219712	0.22	cps
Bismuth	209-1	1876543	1903270	1957295	1912369	2.15	cps
Bismuth	209-2	1091634	1143208	1114274	1116372	2.32	cps
Boron	10-1	14580	15901	16836	15773	7.19	cps
Boron	11-1	69236	75642	80848	75242	7.73	cps
Bromine	81-1	3444	3434	3634	3504	3.22	cps
Cadmium	111-1	231536	234090	230936	232187	0.72	cps
Cadmium	106-1	26192	26192	25792	26059	0.89	cps
Cadmium	108-1	16481	16285	16439	16402	0.63	cps
Calcium	43-1	273545	280951	276070	276855	1.36	cps
Calcium	44-1	4591217	4678938	4667509	4645888	1.03	cps
Chromium	52-2	292769	288305	288368	289814	0.88	cps
Cobalt	59-2	512462	505523	508211	508732	0.69	cps
Copper	63-2	3786839	3775201	3706499	3756180	1.16	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	75	67	67	12.50	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	3648971	3664333	3636896	3650067	0.38	cps
Holmium	165-2	1751786	1824711	1732928	1769808	2.74	cps
Indium	115-1	4089364	4100431	4144848	4111547	0.71	cps
Indium	115-2	595339	624920	601077	607112	2.58	cps
Iron	54-2	591740	579139	586785	585888	1.08	cps
Iron	56-2	10742820	10460355	10563576	10588917	1.35	cps
Iron	57-2	265684	258805	260025	261504	1.40	cps
Krypton	83-1	420	337	430	396	12.95	cps
Lead	206-1	2046106	2020783	2058440	2041776	0.94	cps
Lead	207-1	1767105	1798759	1838219	1801361	1.98	cps
Lead	208-1	8040034	8128281	8234897	8134404	1.20	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:37:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	841732	846238	844036	844002	0.27	cps
Magnesium	24-2	1813636	1796627	1815693	1808652	0.58	cps
Manganese	55-2	1308439	1284214	1293764	1295472	0.94	cps
Molybdenum	94-1	1941899	1992572	2025692	1986721	2.12	cps
Molybdenum	95-1	2431902	2505091	2475697	2470897	1.49	cps
Molybdenum	96-1	2699852	2713929	2725397	2713060	0.47	cps
Molybdenum	97-1	1500775	1502751	1505023	1502850	0.14	cps
Molybdenum	98-1	3852883	3870443	3867652	3863659	0.24	cps
Neodymium	150-1	27	40	7	24	68.62	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	140153	139479	140591	140074	0.40	cps
Phosphorus	31-2	8553	7844	8353	8250	4.43	cps
Potassium	39-2	773996	775390	771397	773594	0.26	cps
Rhodium	103-1	4032522	4046438	4023104	4034021	0.29	cps
Rhodium	103-2	1856192	1951418	1878115	1895242	2.63	cps
Scandium	45-1	3175431	3163883	3158419	3165911	0.27	cps
Scandium	45-2	103631	107670	102955	104752	2.43	cps
Selenium	82-1	16716	16889	16238	16614	2.03	cps
Selenium	77-2	457	503	450	470	6.18	cps
Selenium	78-2	1604	1627	1587	1606	1.25	cps
Silicon	28-1	1368811	1372616	1416578	1386002	1.92	cps
Silver	109-1	1087892	1101798	1072283	1087324	1.36	cps
Silver	107-1	1150655	1172524	1166245	1163141	0.97	cps
Sodium	23-2	3727868	3676569	3631015	3678484	1.32	cps
Strontium	86-1	320480	316221	321556	319419	0.88	cps
Strontium	88-1	2731842	2720519	2744433	2732265	0.44	cps
Sulfur	34-1	662393	657289	654648	658110	0.60	cps
Terbium	159-1	4035451	3945431	3916821	3965901	1.56	cps
Terbium	159-2	1747208	1832970	1735741	1771973	3.00	cps
Thallium	203-1	482750	478562	478757	480023	0.49	cps
Thallium	205-1	1126924	1119905	1132487	1126439	0.56	cps
Tin	118-1	682008	687558	686077	685214	0.42	cps
Titanium	47-1	772598	770561	757226	766795	1.09	cps
Uranium	238-1	1222981	1216453	1228366	1222600	0.49	cps
Vanadium	51-2	236053	231208	233497	233586	1.04	cps
Yttrium	89-1	6745607	6809975	6688529	6748037	0.90	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:37:01	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	680715	713176	686696	693529	2.49	cps
Zinc	66-2	500168	497481	499302	498984	0.27	cps
Zirconium	90-1	1646395	1652415	1649617	1649476	0.18	cps
Zirconium	91-1	363793	374957	367623	368791	1.54	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219485	218184	218087	218585	0.36	cps
Antimony	121-1	1978463	1975727	1982254	1978815	0.17	cps
Arsenic	75-2	75472	75322	74670	75155	0.57	cps
Barium	135-1	1878511	1901018	1890258	1889929	0.60	cps
Barium	137-1	3238431	3334178	3235462	3269357	1.72	cps
Beryllium	9-1	427448	437088	428751	431096	1.21	cps
Bismuth	209-1	1872808	1854796	1870270	1865958	0.52	cps
Bismuth	209-2	1089239	1090034	1094273	1091182	0.25	cps
Boron	10-1	28834	32619	34111	31855	8.54	cps
Boron	11-1	137810	154638	161204	151217	7.98	cps
Bromine	81-1	3714	3644	3594	3651	1.65	cps
Cadmium	111-1	457201	454046	452384	454543	0.54	cps
Cadmium	106-1	48787	50008	50092	49629	1.47	cps
Cadmium	108-1	33532	33206	32626	33122	1.39	cps
Calcium	43-1	544468	564504	543719	550897	2.14	cps
Calcium	44-1	8955270	9314750	9034552	9101524	2.08	cps
Chromium	52-2	577362	568413	565540	570438	1.08	cps
Cobalt	59-2	997059	999158	989213	995143	0.53	cps
Copper	63-2	7359166	7323328	7173040	7285178	1.36	cps
Dysprosium	156-1	58	25	83	56	52.68	cps
Dysprosium	156-2	17	23	30	23	28.56	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	58	67	125	83	43.59	cps
Gadolinium	160-2	13	27	33	24	41.66	cps
Holmium	165-1	3526308	3564391	3542510	3544403	0.54	cps
Holmium	165-2	1725505	1743345	1747651	1738834	0.68	cps
Indium	115-1	3918661	4031999	4034241	3994967	1.65	cps
Indium	115-2	589753	581738	589193	586895	0.76	cps
Iron	54-2	1178688	1163763	1169710	1170720	0.64	cps
Iron	56-2	20886096	20705091	20888256	20826481	0.50	cps
Iron	57-2	520064	516598	512355	516339	0.75	cps
Krypton	83-1	400	460	457	439	7.68	cps
Lead	206-1	4027541	4064607	4039523	4043891	0.47	cps
Lead	207-1	3618960	3587352	3600645	3602319	0.44	cps
Lead	208-1	16138802	16104109	16027611	16090174	0.35	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	806507	828278	809669	814818	1.44	cps
Magnesium	24-2	3593328	3485240	3552802	3543790	1.54	cps
Manganese	55-2	2574161	2555689	2580282	2570044	0.50	cps
Molybdenum	94-1	3902799	3932020	3874116	3902978	0.74	cps
Molybdenum	95-1	4797776	4855155	4902954	4851962	1.09	cps
Molybdenum	96-1	5213980	5308466	5338234	5286893	1.23	cps
Molybdenum	97-1	2917661	2955574	2944714	2939316	0.66	cps
Molybdenum	98-1	7511661	7515365	7604929	7543985	0.70	cps
Neodymium	150-1	73	80	67	73	9.09	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	274221	273677	272295	273397	0.36	cps
Phosphorus	31-2	15717	15917	15917	15851	0.73	cps
Potassium	39-2	1468921	1459214	1480305	1469480	0.72	cps
Rhodium	103-1	3855123	3882535	3996901	3911519	1.92	cps
Rhodium	103-2	1814032	1811393	1832005	1819143	0.62	cps
Scandium	45-1	2894422	3074035	3065467	3011308	3.36	cps
Scandium	45-2	100814	102798	101878	101830	0.97	cps
Selenium	82-1	32368	32676	32568	32537	0.48	cps
Selenium	77-2	933	903	880	906	2.95	cps
Selenium	78-2	3068	3032	3006	3035	1.03	cps
Silicon	28-1	2035808	2134118	2119062	2096329	2.53	cps
Silver	109-1	2148800	2166137	2182762	2165900	0.78	cps
Silver	107-1	2324246	2316208	2276865	2305773	1.10	cps
Sodium	23-2	7380279	7131153	7240308	7250580	1.72	cps
Strontium	86-1	635427	654439	628734	639533	2.09	cps
Strontium	88-1	5371804	5583673	5294288	5416588	2.77	cps
Sulfur	34-1	749087	764070	748115	753757	1.19	cps
Terbium	159-1	3690483	3868499	3911038	3823340	3.06	cps
Terbium	159-2	1751179	1712388	1772761	1745442	1.75	cps
Thallium	203-1	956293	964418	944347	955019	1.06	cps
Thallium	205-1	2235521	2247447	2254202	2245723	0.42	cps
Tin	118-1	1358873	1360416	1353892	1357727	0.25	cps
Titanium	47-1	1477124	1477570	1493475	1482723	0.63	cps
Uranium	238-1	2431429	2407182	2454580	2431064	0.97	cps
Vanadium	51-2	466166	465894	461937	464666	0.51	cps
Yttrium	89-1	6375556	6665879	6582507	6541314	2.29	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:39:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	682341	674222	681642	679402	0.66	cps
Zinc	66-2	987650	977477	973747	979625	0.73	cps
Zirconium	90-1	3207104	3364940	3247520	3273188	2.50	cps
Zirconium	91-1	731172	745252	734316	736913	1.00	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 13:43:00 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427961	428162	428516	428213	0.07	cps
Antimony	121-1	3923356	3979099	3928076	3943510	0.78	cps
Arsenic	75-2	150274	148166	147833	148758	0.89	cps
Barium	135-1	3843255	3818399	3753405	3805020	1.22	cps
Barium	137-1	6611394	6570994	6539362	6573917	0.55	cps
Beryllium	9-1	862215	855391	866380	861329	0.64	cps
Bismuth	209-1	1919304	1917989	1927144	1921479	0.26	cps
Bismuth	209-2	1072968	1106756	1077199	1085641	1.70	cps
Boron	10-1	62021	66357	70499	66293	6.39	cps
Boron	11-1	288664	316791	334723	313393	7.41	cps
Bromine	81-1	3704	3744	3564	3671	2.58	cps
Cadmium	111-1	916907	917370	909275	914517	0.50	cps
Cadmium	106-1	98324	96294	96713	97110	1.10	cps
Cadmium	108-1	66869	65492	66367	66243	1.05	cps
Calcium	43-1	1112202	1104350	1132166	1116239	1.28	cps
Calcium	44-1	18074966	18211513	18513341	18266606	1.23	cps
Chromium	52-2	1127436	1128149	1121252	1125612	0.34	cps
Cobalt	59-2	2014635	2020578	1975716	2003643	1.22	cps
Copper	63-2	14344730	14312686	14098482	14251966	0.94	cps
Dysprosium	156-1	67	58	33	53	32.87	cps
Dysprosium	156-2	50	30	33	38	28.37	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	33	33	13	27	43.31	cps
Gadolinium	160-1	92	92	167	117	37.11	cps
Gadolinium	160-2	33	50	27	37	32.78	cps
Holmium	165-1	3603654	3657259	3676105	3645673	1.03	cps
Holmium	165-2	1741123	1743754	1731557	1738811	0.37	cps
Indium	115-1	4090800	4157971	4116941	4121904	0.82	cps
Indium	115-2	577187	584832	581025	581015	0.66	cps
Iron	54-2	2335956	2317256	2346466	2333226	0.63	cps
Iron	56-2	41783229	40944900	41090181	41272770	1.09	cps
Iron	57-2	1040964	1024895	1027671	1031177	0.83	cps
Krypton	83-1	393	430	370	398	7.60	cps
Lead	206-1	8052584	7837881	7976583	7955683	1.37	cps
Lead	207-1	7266220	7115169	7232386	7204592	1.10	cps
Lead	208-1	32282257	31689539	32263259	32078352	1.05	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:43:00	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	836277	833218	842560	837352	0.57	cps
Magnesium	24-2	6966726	6938183	6971764	6958891	0.26	cps
Manganese	55-2	5096649	5000683	4990817	5029383	1.16	cps
Molybdenum	94-1	7813335	7927038	7954993	7898455	0.95	cps
Molybdenum	95-1	9709444	9886930	9880394	9825590	1.02	cps
Molybdenum	96-1	10652122	10753342	10583613	10663026	0.80	cps
Molybdenum	97-1	5939869	5968416	5943140	5950475	0.26	cps
Molybdenum	98-1	15179821	15465911	15143948	15263227	1.16	cps
Neodymium	150-1	120	167	93	127	29.30	cps
Neodymium	150-2	17	13	3	11	62.48	cps
Nickel	60-2	539496	531806	531699	534334	0.84	cps
Phosphorus	31-2	31385	31535	31017	31312	0.85	cps
Potassium	39-2	2878127	2888661	2861892	2876227	0.47	cps
Rhodium	103-1	4016071	4091677	3950553	4019434	1.76	cps
Rhodium	103-2	1791747	1826045	1808128	1808640	0.95	cps
Scandium	45-1	3126299	3162572	3191739	3160203	1.04	cps
Scandium	45-2	102432	103110	102133	102558	0.49	cps
Selenium	82-1	65891	65590	65512	65664	0.31	cps
Selenium	77-2	1790	1867	1703	1787	4.57	cps
Selenium	78-2	6073	6174	5876	6041	2.51	cps
Silicon	28-1	3173746	3276874	3416737	3289119	3.71	cps
Silver	109-1	4320961	4247236	4215380	4261192	1.27	cps
Silver	107-1	4616396	4531994	4565086	4571158	0.93	cps
Sodium	23-2	14289671	14421743	14192936	14301450	0.80	cps
Strontium	86-1	1279215	1284748	1271325	1278430	0.53	cps
Strontium	88-1	10905796	10799616	10679740	10795051	1.05	cps
Sulfur	34-1	942581	939266	932905	938251	0.52	cps
Terbium	159-1	3981955	4019606	3931538	3977700	1.11	cps
Terbium	159-2	1746107	1779496	1742916	1756173	1.15	cps
Thallium	203-1	1959378	1942095	1968786	1956753	0.69	cps
Thallium	205-1	4491164	4407839	4499236	4466080	1.13	cps
Tin	118-1	2743359	2767618	2727319	2746099	0.74	cps
Titanium	47-1	2981643	2979780	3015602	2992342	0.67	cps
Uranium	238-1	4874437	4891641	5013401	4926493	1.54	cps
Vanadium	51-2	931264	920945	916419	922876	0.82	cps
Yttrium	89-1	6710983	6717361	6832234	6753526	1.01	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:43:00	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	680592	678389	677910	678963	0.21	cps
Zinc	66-2	1937461	1931228	1890057	1919582	1.34	cps
Zirconium	90-1	6572669	6556609	6542517	6557265	0.23	cps
Zirconium	91-1	1471862	1447122	1436419	1451801	1.25	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2129491	2166592	2139349	2145144	0.90	cps
Antimony	121-1	2367	2284	2525	2392	5.13	cps
Arsenic	75-2	75	56	65	65	14.55	cps
Barium	135-1	6660	6543	6894	6699	2.66	cps
Barium	137-1	11188	11939	11497	11541	3.27	cps
Beryllium	9-1	214	230	212	219	4.51	cps
Bismuth	209-1	1844258	1788489	1829573	1820774	1.59	cps
Bismuth	209-2	1057122	1069399	1042872	1056464	1.26	cps
Boron	10-1	11326	10164	9491	10327	8.99	cps
Boron	11-1	52964	48452	46040	49152	7.15	cps
Bromine	81-1	4315	4155	4325	4265	2.24	cps
Cadmium	111-1	1672	1511	1361	1515	10.28	cps
Cadmium	106-1	1867	1650	1467	1661	12.05	cps
Cadmium	108-1	38	75	58	57	32.99	cps
Calcium	43-1	5165673	5213932	5261986	5213864	0.92	cps
Calcium	44-1	86527492	86946648	87457417	86977185	0.54	cps
Chromium	52-2	4978	4801	5158	4979	3.58	cps
Cobalt	59-2	3120	3154	3337	3204	3.64	cps
Copper	63-2	4291	3997	3864	4051	5.39	cps
Dysprosium	156-1	217	225	192	211	8.22	cps
Dysprosium	156-2	83	77	113	91	21.44	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	3	30	23	19	73.49	cps
Gadolinium	160-1	175	242	250	222	18.50	cps
Gadolinium	160-2	143	147	120	137	10.63	cps
Holmium	165-1	3745090	3620909	3593561	3653187	2.21	cps
Holmium	165-2	1740090	1754416	1713998	1736168	1.18	cps
Indium	115-1	4049232	3986715	3934482	3990143	1.44	cps
Indium	115-2	577880	581620	559364	572954	2.08	cps
Iron	54-2	10888551	10931601	11043758	10954637	0.73	cps
Iron	56-2	198466132	198457193	197940299	198287875	0.15	cps
Iron	57-2	4871925	4914060	4829585	4871856	0.87	cps
Krypton	83-1	407	403	370	393	5.15	cps
Lead	206-1	2923	3100	2900	2974	3.69	cps
Lead	207-1	2611	2539	2300	2484	6.56	cps
Lead	208-1	11869	11419	11247	11511	2.79	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	838931	824104	830399	831145	0.90	cps
Magnesium	24-2	33092771	33178527	33199200	33156832	0.17	cps
Manganese	55-2	3117	3070	2974	3054	2.39	cps
Molybdenum	94-1	2817	2550	2342	2570	9.27	cps
Molybdenum	95-1	3451	3000	3025	3159	8.01	cps
Molybdenum	96-1	4201	3959	3809	3990	4.95	cps
Molybdenum	97-1	2092	1792	1875	1920	8.07	cps
Molybdenum	98-1	4593	4601	4151	4448	5.79	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1663	1633	1657	1651	0.95	cps
Phosphorus	31-2	100	133	200	144	35.25	cps
Potassium	39-2	13677256	13642054	13618466	13645925	0.22	cps
Rhodium	103-1	3888779	3810252	3727529	3808854	2.12	cps
Rhodium	103-2	1778127	1769051	1685025	1744068	2.94	cps
Scandium	45-1	3187628	3064708	3051573	3101303	2.42	cps
Scandium	45-2	100754	100263	97086	99368	2.00	cps
Selenium	82-1	24	-2	9	10	127.31	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	44	54	46	48	11.04	cps
Silicon	28-1	908683	924840	919874	917799	0.90	cps
Silver	109-1	2092	2009	2200	2100	4.58	cps
Silver	107-1	2384	2109	2117	2203	7.10	cps
Sodium	23-2	67672337	67855191	67170539	67566022	0.52	cps
Strontium	86-1	7519	7527	7469	7505	0.42	cps
Strontium	88-1	58531	58213	59485	58743	1.13	cps
Sulfur	34-1	544933	558151	565278	556121	1.86	cps
Terbium	159-1	4051152	3904665	3896411	3950743	2.20	cps
Terbium	159-2	1752827	1750290	1708023	1737047	1.45	cps
Thallium	203-1	925	733	767	808	12.67	cps
Thallium	205-1	1884	1859	1875	1872	0.68	cps
Tin	118-1	658	633	517	603	12.54	cps
Titanium	47-1	967	1092	1083	1047	6.67	cps
Uranium	238-1	508	583	433	508	14.75	cps
Vanadium	51-2	153	83	77	104	40.67	cps
Yttrium	89-1	6738416	6430666	6536655	6568579	2.38	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:45:58	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	679680	675668	655575	670308	1.93	cps
Zinc	66-2	1746	1799	1747	1764	1.72	cps
Zirconium	90-1	1967	1767	1658	1797	8.70	cps
Zirconium	91-1	317	392	342	350	10.91	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:59:43	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11140	11258	11580	11326	2.01	cps
Antimony	121-1	747432	762653	749867	753318	1.09	cps
Arsenic	75-2	28831	28923	28544	28766	0.69	cps
Barium	135-1	74639	75561	74790	74997	0.66	cps
Barium	137-1	128373	133883	133875	132044	2.41	cps
Beryllium	9-1	84598	87240	87675	86504	1.93	cps
Bismuth	209-1	1934296	1959608	1942432	1945445	0.66	cps
Bismuth	209-2	1118120	1102639	1114148	1111636	0.72	cps
Boron	10-1	25928	31281	33838	30349	13.30	cps
Boron	11-1	124797	145364	158443	142868	11.87	cps
Bromine	81-1	3354	3594	3494	3481	3.47	cps
Cadmium	111-1	90600	93875	93864	92779	2.03	cps
Cadmium	106-1	14717	16802	16343	15954	6.87	cps
Cadmium	108-1	8678	9170	8799	8882	2.89	cps
Calcium	43-1	23528	24137	23561	23742	1.44	cps
Calcium	44-1	498417	506889	506919	504075	0.97	cps
Chromium	52-2	109435	112803	109475	110571	1.75	cps
Cobalt	59-2	198795	198124	196118	197679	0.70	cps
Copper	63-2	152084	150239	148380	150235	1.23	cps
Dysprosium	156-1	25	58	0	28	105.36	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	25	0	25	100.00	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	3659028	3669049	3721119	3683065	0.91	cps
Holmium	165-2	1713577	1730326	1747159	1730354	0.97	cps
Indium	115-1	4153746	4117979	4186167	4152631	0.82	cps
Indium	115-2	589205	587174	597933	591437	0.97	cps
Iron	54-2	90239	90977	92313	91176	1.15	cps
Iron	56-2	1617028	1637103	1584320	1612817	1.65	cps
Iron	57-2	40196	40742	39383	40107	1.71	cps
Krypton	83-1	387	437	377	400	8.04	cps
Lead	206-1	319871	328304	325306	324493	1.32	cps
Lead	207-1	264561	273657	274791	271003	2.07	cps
Lead	208-1	1238992	1279808	1268370	1262390	1.67	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:59:43	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861672	866279	870083	866011	0.49	cps
Magnesium	24-2	81855	83380	82291	82508	0.95	cps
Manganese	55-2	50726	50847	49606	50393	1.36	cps
Molybdenum	94-1	3791927	3913462	3836399	3847263	1.60	cps
Molybdenum	95-1	4676212	4890972	4768286	4778490	2.25	cps
Molybdenum	96-1	5228536	5326413	5266189	5273713	0.94	cps
Molybdenum	97-1	2843008	2956654	2947048	2915570	2.16	cps
Molybdenum	98-1	7334971	7537047	7517370	7463129	1.49	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	54434	53764	53473	53890	0.91	cps
Phosphorus	31-2	100	125	158	128	22.91	cps
Potassium	39-2	139302	142314	139335	140317	1.23	cps
Rhodium	103-1	4133811	4166494	4114305	4138203	0.64	cps
Rhodium	103-2	1840541	1865220	1884589	1863450	1.18	cps
Scandium	45-1	3127830	3078919	3126216	3110988	0.89	cps
Scandium	45-2	101821	101690	102885	102132	0.64	cps
Selenium	82-1	12974	13230	13007	13071	1.07	cps
Selenium	77-2	383	320	330	344	9.88	cps
Selenium	78-2	1233	1195	1257	1229	2.55	cps
Silicon	28-1	1802246	1906548	1970808	1893200	4.49	cps
Silver	109-1	202845	210020	206120	206328	1.74	cps
Silver	107-1	214357	218300	219601	217420	1.26	cps
Sodium	23-2	322193	332431	328422	327682	1.57	cps
Strontium	86-1	609255	640451	628241	625982	2.51	cps
Strontium	88-1	5170784	5367151	5255783	5264573	1.87	cps
Sulfur	34-1	575476	578572	578837	577628	0.32	cps
Terbium	159-1	4016151	4049792	3998748	4021564	0.65	cps
Terbium	159-2	1754695	1751660	1760282	1755546	0.25	cps
Thallium	203-1	400221	413668	412352	408747	1.81	cps
Thallium	205-1	945104	978242	970798	964715	1.80	cps
Tin	118-1	1327849	1358531	1350236	1345539	1.18	cps
Titanium	47-1	1490633	1541459	1545929	1526007	2.01	cps
Uranium	238-1	2569474	2686390	2703018	2652961	2.74	cps
Vanadium	51-2	88867	87934	88270	88357	0.53	cps
Yttrium	89-1	6570515	6740140	6630929	6647195	1.29	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 13:59:43	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	672503	674075	680255	675611	0.61	cps
Zinc	66-2	36254	36595	35970	36273	0.86	cps
Zirconium	90-1	3187639	3279422	3216681	3227914	1.45	cps
Zirconium	91-1	702051	723420	715604	713692	1.51	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1380	1262	1232	1291	6.06	cps
Antimony	121-1	7060	7027	7160	7083	0.98	cps
Arsenic	75-2	138	152	132	141	7.30	cps
Barium	135-1	6644	6977	6985	6869	2.84	cps
Barium	137-1	11747	12047	11964	11919	1.30	cps
Beryllium	9-1	844	922	928	898	5.22	cps
Bismuth	209-1	1868245	2008078	1640919	1839081	10.08	cps
Bismuth	209-2	1086824	1071495	1101708	1086676	1.39	cps
Boron	10-1	2456	2684	2748	2629	5.84	cps
Boron	11-1	11430	12321	13087	12279	6.75	cps
Bromine	81-1	3274	3244	3244	3254	0.53	cps
Cadmium	111-1	1821	1968	1914	1901	3.93	cps
Cadmium	106-1	1492	1592	1408	1497	6.13	cps
Cadmium	108-1	88	96	38	74	42.86	cps
Calcium	43-1	7502	8027	7536	7688	3.83	cps
Calcium	44-1	208840	211053	209343	209745	0.55	cps
Chromium	52-2	2807	2827	2720	2785	2.04	cps
Cobalt	59-2	1977	1773	1830	1860	5.64	cps
Copper	63-2	3580	3490	3641	3570	2.11	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	42	58	8	36	70.51	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	3541634	3857572	3098282	3499163	10.90	cps
Holmium	165-2	1719828	1608239	1691489	1673185	3.47	cps
Indium	115-1	4068214	4292405	3442180	3934266	11.20	cps
Indium	115-2	577799	573223	580709	577244	0.65	cps
Iron	54-2	2495	2456	2445	2465	1.07	cps
Iron	56-2	41544	41154	39499	40732	2.67	cps
Iron	57-2	1156	1122	1117	1132	1.86	cps
Krypton	83-1	407	343	380	377	8.44	cps
Lead	206-1	1961	1756	1911	1876	5.72	cps
Lead	207-1	1417	1595	1489	1500	5.96	cps
Lead	208-1	7029	7201	7451	7227	2.94	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	841196	883523	745560	823426	8.58	cps
Magnesium	24-2	34091	34032	33305	33809	1.29	cps
Manganese	55-2	557	583	520	553	5.75	cps
Molybdenum	94-1	7135	7202	7110	7149	0.66	cps
Molybdenum	95-1	8736	8770	8720	8742	0.29	cps
Molybdenum	96-1	9237	9562	9303	9367	1.83	cps
Molybdenum	97-1	4909	5068	5109	5029	2.10	cps
Molybdenum	98-1	14450	13757	14016	14074	2.49	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	580	580	594	4.21	cps
Phosphorus	31-2	217	142	208	189	21.76	cps
Potassium	39-2	55022	53424	55097	54515	1.73	cps
Rhodium	103-1	4014896	4242033	3400764	3885898	11.20	cps
Rhodium	103-2	1810534	1810134	1823794	1814821	0.43	cps
Scandium	45-1	2997060	3173458	2622519	2931012	9.60	cps
Scandium	45-2	99133	96347	99639	98373	1.80	cps
Selenium	82-1	286	326	282	298	8.17	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	75	63	56	65	14.86	cps
Silicon	28-1	698336	700956	702951	700748	0.33	cps
Silver	109-1	3826	4176	4067	4023	4.46	cps
Silver	107-1	3934	4276	4334	4181	5.17	cps
Sodium	23-2	111709	111356	115875	112980	2.22	cps
Strontium	86-1	1809	1784	1667	1753	4.31	cps
Strontium	88-1	9895	10396	9779	10023	3.27	cps
Sulfur	34-1	579403	575282	578199	577628	0.37	cps
Terbium	159-1	3948350	4137448	3386801	3824199	10.21	cps
Terbium	159-2	1704492	1726142	1719461	1716699	0.65	cps
Thallium	203-1	1884	1884	2009	1925	3.75	cps
Thallium	205-1	4076	4192	4092	4120	1.53	cps
Tin	118-1	12706	12231	12823	12587	2.49	cps
Titanium	47-1	3534	3617	3200	3451	6.39	cps
Uranium	238-1	4568	4368	4701	4545	3.69	cps
Vanadium	51-2	4027	4137	4117	4094	1.43	cps
Yttrium	89-1	6480992	6731028	5464479	6225500	10.78	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:22:52	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	661667	652362	660560	658196	0.77	cps
Zinc	66-2	504	639	568	570	11.87	cps
Zirconium	90-1	6252	6310	6168	6243	1.14	cps
Zirconium	91-1	1525	1450	1525	1500	2.89	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 14:25:44 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	866	914	917	5.68	cps
Antimony	121-1	17	50	17	28	69.27	cps
Arsenic	75-2	6	8	7	7	14.29	cps
Barium	135-1	8	8	33	17	86.62	cps
Barium	137-1	17	42	8	22	78.07	cps
Beryllium	9-1	82	72	80	78	6.78	cps
Bismuth	209-1	1895061	1855975	1918211	1889749	1.66	cps
Bismuth	209-2	1100163	1092849	1087427	1093480	0.58	cps
Boron	10-1	1514	1378	1476	1456	4.82	cps
Boron	11-1	7016	6880	6754	6884	1.90	cps
Bromine	81-1	3464	3614	3564	3547	2.16	cps
Cadmium	111-1	1198	1134	1057	1130	6.26	cps
Cadmium	106-1	1708	1600	1508	1606	6.24	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Calcium	43-1	1042	1158	1208	1136	7.53	cps
Calcium	44-1	101476	100560	101082	101039	0.45	cps
Chromium	52-2	690	643	640	658	4.25	cps
Cobalt	59-2	50	70	47	56	22.71	cps
Copper	63-2	703	690	790	728	7.46	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	3591882	3501372	3658242	3583832	2.20	cps
Holmium	165-2	1729169	1704281	1719607	1717686	0.73	cps
Indium	115-1	3966959	4019300	4226814	4071024	3.38	cps
Indium	115-2	582568	577572	583743	581294	0.56	cps
Iron	54-2	433	400	306	380	17.46	cps
Iron	56-2	3479	2811	2650	2980	14.74	cps
Iron	57-2	161	106	128	131	21.26	cps
Krypton	83-1	370	393	420	394	6.34	cps
Lead	206-1	389	417	411	406	3.62	cps
Lead	207-1	333	317	317	322	2.98	cps
Lead	208-1	1583	1522	1578	1561	2.16	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:25:44	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	844089	846512	849613	846738	0.33	cps
Magnesium	24-2	1717	1342	1408	1489	13.44	cps
Manganese	55-2	80	77	67	74	9.32	cps
Molybdenum	94-1	308	92	167	189	58.25	cps
Molybdenum	95-1	33	67	83	61	41.67	cps
Molybdenum	96-1	67	17	42	42	60.00	cps
Molybdenum	97-1	83	58	67	69	18.33	cps
Molybdenum	98-1	150	25	50	75	88.19	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	73	53	67	17.32	cps
Phosphorus	31-2	258	133	242	211	32.15	cps
Potassium	39-2	29522	29322	29080	29308	0.76	cps
Rhodium	103-1	3941271	4034100	4108816	4028062	2.08	cps
Rhodium	103-2	1845271	1811840	1828188	1828433	0.91	cps
Scandium	45-1	2950094	3012333	3042039	3001489	1.56	cps
Scandium	45-2	98236	98565	97747	98182	0.42	cps
Selenium	82-1	28	-32	-39	-14	-255.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	34	35	42	37	11.78	cps
Silicon	28-1	664527	671802	673395	669908	0.71	cps
Silver	109-1	17	17	25	19	24.73	cps
Silver	107-1	58	67	25	50	44.10	cps
Sodium	23-2	48769	47294	46726	47596	2.22	cps
Strontium	86-1	608	575	650	611	6.15	cps
Strontium	88-1	117	100	150	122	20.83	cps
Sulfur	34-1	581701	579366	574765	578610	0.61	cps
Terbium	159-1	3804780	3756154	3888462	3816465	1.75	cps
Terbium	159-2	1700106	1676759	1692452	1689772	0.70	cps
Thallium	203-1	75	25	92	64	54.31	cps
Thallium	205-1	83	92	83	86	5.58	cps
Tin	118-1	400	458	408	422	7.47	cps
Titanium	47-1	833	933	900	889	5.73	cps
Uranium	238-1	8	0	25	11	114.58	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	6419586	6467943	6696339	6527956	2.26	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:25:44	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	656125	655652	661105	657627	0.46	cps
Zinc	66-2	203	273	270	248	15.88	cps
Zirconium	90-1	267	250	342	286	17.07	cps
Zirconium	91-1	17	25	100	47	97.19	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1938081	1948778	1940572	1942477	0.29	cps
Antimony	121-1	4217	4301	4309	4276	1.19	cps
Arsenic	75-2	41	47	59	49	18.71	cps
Barium	135-1	1192	950	983	1042	12.57	cps
Barium	137-1	1967	1792	1734	1831	6.63	cps
Beryllium	9-1	314	318	326	319	1.91	cps
Bismuth	209-1	1961110	1771512	1856247	1862957	5.10	cps
Bismuth	209-2	1041651	1051222	1064060	1052311	1.07	cps
Boron	10-1	1562	1402	1476	1480	5.41	cps
Boron	11-1	7100	6574	6988	6888	4.02	cps
Bromine	81-1	4205	4505	4716	4475	5.74	cps
Cadmium	111-1	1448	1205	1351	1334	9.17	cps
Cadmium	106-1	1642	1342	1642	1542	11.24	cps
Cadmium	108-1	633	579	533	582	8.60	cps
Calcium	43-1	1025494	1023277	1034053	1027608	0.55	cps
Calcium	44-1	16526749	16837322	16975311	16779794	1.37	cps
Chromium	52-2	22164	21990	21777	21977	0.88	cps
Cobalt	59-2	2214	2244	2190	2216	1.21	cps
Copper	63-2	12839	12729	12886	12818	0.63	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	100	83	25	69	56.71	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	3763882	3453982	3513376	3577080	4.60	cps
Holmium	165-2	1662365	1653441	1708313	1674707	1.76	cps
Indium	115-1	4140436	3822520	3879654	3947537	4.29	cps
Indium	115-2	572759	566665	573235	570886	0.64	cps
Iron	54-2	4355518	4294114	4300458	4316697	0.78	cps
Iron	56-2	77675410	77495863	76176377	77115883	1.06	cps
Iron	57-2	1948893	1914652	1891974	1918506	1.49	cps
Krypton	83-1	403	390	417	403	3.31	cps
Lead	206-1	7297	8397	8164	7953	7.29	cps
Lead	207-1	5579	6429	6591	6200	8.77	cps
Lead	208-1	26883	30542	31154	29527	7.82	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	864472	794750	799933	819719	4.74	cps
Magnesium	24-2	6302285	6353436	6361080	6338933	0.50	cps
Manganese	55-2	3614	3837	3671	3707	3.13	cps
Molybdenum	94-1	2008921	2065839	2036485	2037082	1.40	cps
Molybdenum	95-1	3569539	3601944	3577868	3583117	0.47	cps
Molybdenum	96-1	3722148	3740048	3763017	3741738	0.55	cps
Molybdenum	97-1	2139877	2194144	2171313	2168445	1.26	cps
Molybdenum	98-1	5503321	5537976	5554397	5531898	0.47	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2764	2594	2824	2727	4.38	cps
Phosphorus	31-2	146274	144869	144557	145233	0.63	cps
Potassium	39-2	5353710	5243258	5307414	5301461	1.05	cps
Rhodium	103-1	4069821	3643261	3727596	3813559	5.92	cps
Rhodium	103-2	1770520	1752700	1740619	1754613	0.86	cps
Scandium	45-1	3100457	2888213	2966830	2985166	3.59	cps
Scandium	45-2	100092	99740	99445	99759	0.32	cps
Selenium	82-1	-17	64	-39	3	1916.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	49	45	43	46	6.70	cps
Silicon	28-1	765484	781877	771862	773074	1.07	cps
Silver	109-1	50	92	142	94	48.60	cps
Silver	107-1	92	100	192	128	43.42	cps
Sodium	23-2	13338427	13537799	13543288	13473171	0.87	cps
Strontium	86-1	41729	41662	42975	42122	1.76	cps
Strontium	88-1	352656	357396	354517	354856	0.67	cps
Sulfur	34-1	1840572	1833108	1809385	1827688	0.89	cps
Terbium	159-1	4072780	3777799	3839979	3896853	3.99	cps
Terbium	159-2	1700144	1692780	1681079	1691334	0.57	cps
Thallium	203-1	158	158	308	208	41.57	cps
Thallium	205-1	350	408	525	428	20.83	cps
Tin	118-1	992	1242	1125	1120	11.18	cps
Titanium	47-1	1109287	1128593	1156101	1131327	2.08	cps
Uranium	238-1	58	67	117	81	39.16	cps
Vanadium	51-2	133	130	150	138	7.78	cps
Yttrium	89-1	6728441	6086828	6366201	6393823	5.03	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:28:32	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659765	649171	663258	657398	1.12	cps
Zinc	66-2	2335	2264	2278	2292	1.62	cps
Zirconium	90-1	558	292	367	406	33.91	cps
Zirconium	91-1	50	67	92	69	30.20	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1964352	1924945	1944102	1944466	1.01	cps
Antimony	121-1	76129	76766	78484	77126	1.58	cps
Arsenic	75-2	2847	2835	2762	2814	1.64	cps
Barium	135-1	15768	15568	15334	15556	1.40	cps
Barium	137-1	27094	27228	26460	26927	1.52	cps
Beryllium	9-1	16312	16592	16642	16515	1.08	cps
Bismuth	209-1	1889251	1904719	1907089	1900353	0.51	cps
Bismuth	209-2	1062783	1055421	1082985	1067063	1.34	cps
Boron	10-1	4376	4608	5004	4663	6.81	cps
Boron	11-1	19875	21287	22513	21225	6.22	cps
Bromine	81-1	4445	4265	4966	4559	7.98	cps
Cadmium	111-1	17911	17919	18554	18128	2.04	cps
Cadmium	106-1	3734	3417	3484	3545	4.71	cps
Cadmium	108-1	2000	1613	1904	1839	10.98	cps
Calcium	43-1	996787	1014341	1025286	1012138	1.42	cps
Calcium	44-1	16332069	16414622	16594629	16447106	0.82	cps
Chromium	52-2	42018	42229	41721	41989	0.61	cps
Cobalt	59-2	39775	39722	39244	39580	0.74	cps
Copper	63-2	42346	41206	41761	41771	1.36	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	33	83	47	66.82	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	33	20	13	22	45.83	cps
Holmium	165-1	3641147	3706775	3614389	3654104	1.30	cps
Holmium	165-2	1707485	1722156	1771656	1733765	1.94	cps
Indium	115-1	4058295	4038822	4022706	4039941	0.44	cps
Indium	115-2	569969	581497	595050	582172	2.16	cps
Iron	54-2	4260848	4145930	4187198	4197992	1.39	cps
Iron	56-2	77163749	76724127	76212991	76700289	0.62	cps
Iron	57-2	1910694	1904140	1911724	1908853	0.22	cps
Krypton	83-1	410	423	347	393	10.41	cps
Lead	206-1	36908	37064	37310	37094	0.55	cps
Lead	207-1	30258	30843	30754	30618	1.03	cps
Lead	208-1	140282	142794	141694	141590	0.89	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	824385	825551	815588	821841	0.66	cps
Magnesium	24-2	6315503	6145938	6304878	6255440	1.52	cps
Manganese	55-2	12996	12679	12726	12800	1.34	cps
Molybdenum	94-1	2120246	2130925	2159577	2136916	0.95	cps
Molybdenum	95-1	3521691	3547545	3586342	3551860	0.92	cps
Molybdenum	96-1	3716566	3842212	3780660	3779813	1.66	cps
Molybdenum	97-1	2126668	2186078	2183609	2165452	1.55	cps
Molybdenum	98-1	5338419	5609065	5602811	5516765	2.80	cps
Neodymium	150-1	20	7	33	20	66.65	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	13210	12762	13023	12998	1.73	cps
Phosphorus	31-2	142788	140703	141224	141572	0.77	cps
Potassium	39-2	5260291	5161144	5171215	5197550	1.05	cps
Rhodium	103-1	3886614	3976925	3889887	3917809	1.31	cps
Rhodium	103-2	1746584	1771448	1801380	1773138	1.55	cps
Scandium	45-1	3114792	3022792	3052069	3063218	1.53	cps
Scandium	45-2	99629	99119	102191	100313	1.64	cps
Selenium	82-1	1202	1164	1262	1210	4.07	cps
Selenium	77-2	40	30	33	34	14.78	cps
Selenium	78-2	169	152	164	162	5.40	cps
Silicon	28-1	893057	908288	902981	901442	0.86	cps
Silver	109-1	77216	77677	78926	77940	1.14	cps
Silver	107-1	80418	83520	81826	81921	1.90	cps
Sodium	23-2	13291902	13169171	13319747	13260274	0.60	cps
Strontium	86-1	97993	100242	99897	99377	1.22	cps
Strontium	88-1	849771	879102	872304	867059	1.77	cps
Sulfur	34-1	1764967	1765256	1760068	1763430	0.17	cps
Terbium	159-1	3983709	4001076	3897199	3960661	1.40	cps
Terbium	159-2	1691118	1706014	1727673	1708268	1.08	cps
Thallium	203-1	36569	36418	37029	36672	0.87	cps
Thallium	205-1	84542	86464	85800	85602	1.14	cps
Tin	118-1	130838	130628	131250	130905	0.24	cps
Titanium	47-1	1135537	1159476	1144440	1146484	1.06	cps
Uranium	238-1	235426	232495	235577	234499	0.74	cps
Vanadium	51-2	17147	17147	16827	17040	1.09	cps
Yttrium	89-1	6524924	6655922	6561973	6580939	1.03	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:31:23	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659072	673875	682533	671827	1.77	cps
Zinc	66-2	5594	5354	5529	5492	2.26	cps
Zirconium	90-1	314142	320225	321607	318658	1.25	cps
Zirconium	91-1	71451	69943	71274	70889	1.16	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : CCV06 Instrumnet Name : P8
 Client Sample ID : CCV06 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 14:42:10 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1132543	1136064	1134536	1134381	0.16	cps
Antimony	121-1	1978486	2044691	2009749	2010975	1.65	cps
Arsenic	75-2	73983	74683	74418	74361	0.48	cps
Barium	135-1	1934026	1997206	1998104	1976445	1.86	cps
Barium	137-1	3351019	3442183	3380949	3391383	1.37	cps
Beryllium	9-1	456926	465059	464079	462021	0.96	cps
Bismuth	209-1	1985072	1983224	2002331	1990209	0.53	cps
Bismuth	209-2	1124862	1128825	1129762	1127816	0.23	cps
Boron	10-1	35207	39994	41945	39049	8.88	cps
Boron	11-1	166674	186293	196786	183251	8.34	cps
Bromine	81-1	3734	3834	4045	3871	4.09	cps
Cadmium	111-1	454101	453264	457333	454899	0.47	cps
Cadmium	106-1	50493	50827	48645	49988	2.35	cps
Cadmium	108-1	32643	33992	33670	33435	2.11	cps
Calcium	43-1	2620163	2660179	2642437	2640927	0.76	cps
Calcium	44-1	43629284	44131240	44085176	43948567	0.63	cps
Chromium	52-2	562385	571061	569497	567647	0.81	cps
Cobalt	59-2	980747	982825	985359	982977	0.23	cps
Copper	63-2	6887349	6998347	7043020	6976239	1.15	cps
Dysprosium	156-1	117	142	142	133	10.83	cps
Dysprosium	156-2	73	50	67	63	18.98	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	158	133	175	156	13.48	cps
Gadolinium	160-2	77	40	77	64	32.85	cps
Holmium	165-1	3863002	3877274	3812343	3850873	0.89	cps
Holmium	165-2	1836531	1797868	1815773	1816724	1.07	cps
Indium	115-1	4244213	4275909	4194193	4238105	0.97	cps
Indium	115-2	597175	594674	596503	596117	0.22	cps
Iron	54-2	5487997	5453326	5495288	5478870	0.41	cps
Iron	56-2	98990744	100377249	98335294	99234429	1.05	cps
Iron	57-2	2481220	2533967	2472720	2495969	1.33	cps
Krypton	83-1	433	397	373	401	7.54	cps
Lead	206-1	4163194	4226014	4178894	4189367	0.78	cps
Lead	207-1	3814046	3768889	3804948	3795961	0.63	cps
Lead	208-1	16760031	16784072	16796228	16780110	0.11	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:42:10	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	896728	906335	922801	908621	1.45	cps
Magnesium	24-2	17090737	17206382	17009583	17102234	0.58	cps
Manganese	55-2	2521618	2522473	2534249	2526113	0.28	cps
Molybdenum	94-1	3925597	4048461	4011013	3995023	1.58	cps
Molybdenum	95-1	4896803	5015244	4956264	4956103	1.19	cps
Molybdenum	96-1	5315280	5488800	5480083	5428054	1.80	cps
Molybdenum	97-1	2966894	3061345	3048580	3025606	1.69	cps
Molybdenum	98-1	7617613	7865681	7898893	7794063	1.97	cps
Neodymium	150-1	73	73	93	80	14.43	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	264104	267495	263970	265190	0.75	cps
Phosphorus	31-2	15751	15600	15467	15606	0.91	cps
Potassium	39-2	6986145	7084018	7101514	7057226	0.88	cps
Rhodium	103-1	4013083	4124024	4082159	4073089	1.38	cps
Rhodium	103-2	1827337	1842074	1830282	1833231	0.43	cps
Scandium	45-1	3170271	3243438	3221955	3211888	1.17	cps
Scandium	45-2	103083	101851	103717	102884	0.92	cps
Selenium	82-1	32944	33365	33361	33223	0.73	cps
Selenium	77-2	777	887	890	851	7.58	cps
Selenium	78-2	2993	3040	3127	3053	2.23	cps
Silicon	28-1	1905650	1972338	2014967	1964318	2.80	cps
Silver	109-1	2150103	2178996	2166159	2165086	0.67	cps
Silver	107-1	2302617	2324994	2296502	2308038	0.65	cps
Sodium	23-2	35266622	35286309	34659285	35070739	1.02	cps
Strontium	86-1	638846	649889	652803	647179	1.14	cps
Strontium	88-1	5387258	5471752	5595663	5484891	1.91	cps
Sulfur	34-1	771409	775752	762101	769754	0.91	cps
Terbium	159-1	4221255	4148620	4224531	4198135	1.02	cps
Terbium	159-2	1829099	1816741	1810218	1818686	0.53	cps
Thallium	203-1	1003472	995170	994285	997642	0.51	cps
Thallium	205-1	2341936	2369897	2366695	2359509	0.65	cps
Tin	118-1	1369679	1409219	1388938	1389279	1.42	cps
Titanium	47-1	1515744	1526641	1547223	1529869	1.04	cps
Uranium	238-1	2569511	2596030	2670486	2612009	2.00	cps
Vanadium	51-2	461248	471501	465834	466194	1.10	cps
Yttrium	89-1	6679596	6889426	6923774	6830932	1.94	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 14:42:10	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	689230	691651	691214	690699	0.19	cps
Zinc	66-2	939867	952903	948390	947053	0.70	cps
Zirconium	90-1	3307027	3307167	3370845	3328346	1.11	cps
Zirconium	91-1	729407	755783	748998	744729	1.84	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	902	862	878	881	2.29	cps
Antimony	121-1	33	67	58	53	32.88	cps
Arsenic	75-2	6	4	3	4	35.25	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	25	42	17	28	45.82	cps
Beryllium	9-1	70	74	78	74	5.41	cps
Bismuth	209-1	1875651	1868908	1868881	1871147	0.21	cps
Bismuth	209-2	1035291	1058342	1071269	1054967	1.73	cps
Boron	10-1	1368	1422	1396	1395	1.94	cps
Boron	11-1	6518	6606	6420	6515	1.43	cps
Bromine	81-1	3494	3544	3564	3534	1.02	cps
Cadmium	111-1	1014	934	1128	1026	9.52	cps
Cadmium	106-1	1433	1317	1600	1450	9.82	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	2467	2284	2559	2436	5.75	cps
Calcium	44-1	118614	119093	117162	118290	0.85	cps
Chromium	52-2	693	703	707	701	0.99	cps
Cobalt	59-2	30	43	67	47	39.77	cps
Copper	63-2	790	720	793	768	5.39	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	8	25	31	83.33	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	8	42	42	31	62.99	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	3623463	3511446	3583933	3572948	1.59	cps
Holmium	165-2	1636584	1641334	1699480	1659133	2.11	cps
Indium	115-1	4022687	3998614	4055123	4025475	0.70	cps
Indium	115-2	556227	565011	558450	559896	0.82	cps
Iron	54-2	344	378	289	337	13.32	cps
Iron	56-2	2978	2867	2934	2926	1.91	cps
Iron	57-2	94	128	94	106	18.23	cps
Krypton	83-1	347	393	417	386	9.24	cps
Lead	206-1	622	533	667	607	11.18	cps
Lead	207-1	561	494	633	563	12.34	cps
Lead	208-1	2445	2200	2411	2352	5.64	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	845504	846163	861392	851020	1.06	cps
Magnesium	24-2	1292	1517	1483	1431	8.49	cps
Manganese	55-2	90	67	107	88	22.89	cps
Molybdenum	94-1	275	233	167	225	24.29	cps
Molybdenum	95-1	250	100	75	142	66.81	cps
Molybdenum	96-1	233	117	92	147	51.36	cps
Molybdenum	97-1	133	75	33	81	62.36	cps
Molybdenum	98-1	325	167	83	192	64.05	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	70	77	76	6.74	cps
Phosphorus	31-2	183	233	158	192	19.92	cps
Potassium	39-2	30825	30942	30224	30664	1.26	cps
Rhodium	103-1	3947045	3865060	3960071	3924059	1.31	cps
Rhodium	103-2	1733558	1769273	1785786	1762873	1.51	cps
Scandium	45-1	2970831	2953902	2984145	2969626	0.51	cps
Scandium	45-2	93441	96790	96712	95648	2.00	cps
Selenium	82-1	40	7	-39	3	1575.40	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	38	47	39	41	11.93	cps
Silicon	28-1	665982	663966	668020	665989	0.30	cps
Silver	109-1	33	42	0	25	88.19	cps
Silver	107-1	67	17	58	47	56.72	cps
Sodium	23-2	50128	48623	50212	49655	1.80	cps
Strontium	86-1	458	625	533	539	15.49	cps
Strontium	88-1	183	217	125	175	26.52	cps
Sulfur	34-1	565898	568692	571183	568591	0.47	cps
Terbium	159-1	3861893	3877129	3854105	3864375	0.30	cps
Terbium	159-2	1625743	1668475	1702604	1665608	2.31	cps
Thallium	203-1	75	50	92	72	29.04	cps
Thallium	205-1	167	217	200	194	13.10	cps
Tin	118-1	433	458	475	456	4.60	cps
Titanium	47-1	792	808	875	825	5.35	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	10	23	10	14	53.28	cps
Yttrium	89-1	6383887	6402517	6383659	6390021	0.17	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:04:12	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	631813	644520	639462	638598	1.00	cps
Zinc	66-2	260	270	319	283	11.30	cps
Zirconium	90-1	342	300	283	308	9.75	cps
Zirconium	91-1	67	33	67	56	34.65	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367102	364426	366248	365925	0.37	cps
Antimony	121-1	925	850	758	844	9.89	cps
Arsenic	75-2	307	297	323	309	4.25	cps
Barium	135-1	409711	415683	422212	415869	1.50	cps
Barium	137-1	719829	728846	732316	726997	0.89	cps
Beryllium	9-1	704	702	706	704	0.28	cps
Bismuth	209-1	2037752	2039618	2068208	2048526	0.83	cps
Bismuth	209-2	1154179	1151460	1160299	1155313	0.39	cps
Boron	10-1	22018	24944	27246	24736	10.59	cps
Boron	11-1	109746	123106	131756	121536	9.12	cps
Bromine	81-1	96861	110624	121041	109509	11.07	cps
Cadmium	111-1	1497	1489	1432	1473	2.42	cps
Cadmium	106-1	1717	1667	1642	1675	2.28	cps
Cadmium	108-1	54	46	67	56	18.88	cps
Calcium	43-1	460822	467764	472374	466987	1.25	cps
Calcium	44-1	7634779	7511797	7665154	7603910	1.07	cps
Chromium	52-2	75169	74369	74747	74762	0.54	cps
Cobalt	59-2	49998	50636	50743	50459	0.80	cps
Copper	63-2	212662	214476	213824	213654	0.43	cps
Dysprosium	156-1	9228	9537	9354	9373	1.66	cps
Dysprosium	156-2	4431	4244	4307	4327	2.19	cps
Erbium	164-1	9445	9645	10463	9851	5.47	cps
Erbium	164-2	4224	4324	4231	4260	1.31	cps
Gadolinium	160-1	9395	9495	8795	9228	4.11	cps
Gadolinium	160-2	4904	4994	4941	4947	0.92	cps
Holmium	165-1	3945277	3930434	3929701	3935137	0.22	cps
Holmium	165-2	1898962	1822104	1847422	1856163	2.11	cps
Indium	115-1	4339695	4346422	4312679	4332932	0.41	cps
Indium	115-2	618518	618690	625431	620880	0.64	cps
Iron	54-2	1813055	1814118	1840991	1822721	0.87	cps
Iron	56-2	32444285	32536154	32602602	32527680	0.24	cps
Iron	57-2	811048	814300	824642	816664	0.87	cps
Krypton	83-1	417	423	417	419	0.92	cps
Lead	206-1	21023	21640	21819	21494	1.94	cps
Lead	207-1	17373	17740	17824	17646	1.36	cps
Lead	208-1	80536	82597	82631	81921	1.46	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	913135	931145	928779	924353	1.06	cps
Magnesium	24-2	2933700	2951756	2893048	2926168	1.03	cps
Manganese	55-2	1055908	1065209	1065205	1062107	0.51	cps
Molybdenum	94-1	13032	13540	13740	13437	2.72	cps
Molybdenum	95-1	12097	12806	13157	12687	4.25	cps
Molybdenum	96-1	14241	14333	14700	14425	1.68	cps
Molybdenum	97-1	7802	7686	7636	7708	1.11	cps
Molybdenum	98-1	19714	19522	19681	19639	0.52	cps
Neodymium	150-1	12940	13027	13153	13040	0.82	cps
Neodymium	150-2	4007	4184	4267	4153	3.20	cps
Nickel	60-2	18532	18078	18546	18385	1.45	cps
Phosphorus	31-2	1358	1592	1333	1428	9.98	cps
Potassium	39-2	422927	424476	427713	425039	0.57	cps
Rhodium	103-1	4228705	4283596	4204734	4239012	0.95	cps
Rhodium	103-2	1920231	1893589	1962820	1925547	1.81	cps
Scandium	45-1	3450466	3353650	3387633	3397250	1.45	cps
Scandium	45-2	109140	108140	109033	108771	0.51	cps
Selenium	82-1	33	21	59	37	51.26	cps
Selenium	77-2	3	17	30	17	80.01	cps
Selenium	78-2	66	61	67	65	4.97	cps
Silicon	28-1	99206196	97855448	98734288	98598644	0.70	cps
Silver	109-1	683	700	767	717	6.15	cps
Silver	107-1	708	833	750	764	8.33	cps
Sodium	23-2	32192580	32912476	32926790	32677282	1.28	cps
Strontium	86-1	852220	866618	861521	860120	0.85	cps
Strontium	88-1	7118509	7535140	7165425	7273025	3.14	cps
Sulfur	34-1	602418	595411	582822	593550	1.67	cps
Terbium	159-1	4295895	4324398	4277329	4299208	0.55	cps
Terbium	159-2	1892243	1886257	1879247	1885916	0.34	cps
Thallium	203-1	283	308	317	303	5.73	cps
Thallium	205-1	792	775	717	761	5.17	cps
Tin	118-1	800	1050	867	906	14.30	cps
Titanium	47-1	280220	277906	278334	278820	0.44	cps
Uranium	238-1	9137	9637	9671	9482	3.15	cps
Vanadium	51-2	89042	89474	89713	89409	0.38	cps
Yttrium	89-1	7225568	7372154	7185217	7260980	1.35	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:07:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	735236	733085	734285	734202	0.15	cps
Zinc	66-2	41793	40977	41224	41331	1.01	cps
Zirconium	90-1	17244	17495	16977	17239	1.50	cps
Zirconium	91-1	4326	3651	3776	3917	9.17	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : CCV07 Instrumnet Name : P8
 Client Sample ID : CCV07 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 15:09:51 DataFile Name : 025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1142944	1144362	1133885	1140397	0.50	cps
Antimony	121-1	1980184	2025892	2010956	2005677	1.16	cps
Arsenic	75-2	74038	75092	74745	74625	0.72	cps
Barium	135-1	1927464	1954590	1930433	1937496	0.77	cps
Barium	137-1	3348883	3410411	3375376	3378224	0.91	cps
Beryllium	9-1	446204	456784	447835	450274	1.27	cps
Bismuth	209-1	1796946	1940682	1954444	1897358	4.60	cps
Bismuth	209-2	1098001	1116459	1108765	1107742	0.84	cps
Boron	10-1	32952	37207	38771	36310	8.29	cps
Boron	11-1	154747	173280	185332	171120	9.00	cps
Bromine	81-1	16898	15615	13751	15421	10.26	cps
Cadmium	111-1	455052	458594	455055	456234	0.45	cps
Cadmium	106-1	49355	50116	48628	49367	1.51	cps
Cadmium	108-1	32680	34167	33098	33315	2.30	cps
Calcium	43-1	2567019	2654092	2638165	2619759	1.77	cps
Calcium	44-1	42317230	44251737	44136847	43568605	2.49	cps
Chromium	52-2	567100	568738	566509	567449	0.20	cps
Cobalt	59-2	987759	983193	981429	984127	0.33	cps
Copper	63-2	7155540	7153062	7031263	7113288	1.00	cps
Dysprosium	156-1	133	100	133	122	15.75	cps
Dysprosium	156-2	57	53	47	52	9.75	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	125	100	183	136	31.42	cps
Gadolinium	160-2	67	77	87	77	13.04	cps
Holmium	165-1	3560712	3753950	3820060	3711574	3.63	cps
Holmium	165-2	1742796	1816252	1774758	1777935	2.07	cps
Indium	115-1	3946316	4148334	4278771	4124474	4.06	cps
Indium	115-2	581934	596734	587341	588670	1.27	cps
Iron	54-2	5545171	5550222	5662851	5586081	1.19	cps
Iron	56-2	101225055	100950974	100429027	100868352	0.40	cps
Iron	57-2	2534014	2552338	2521431	2535928	0.61	cps
Krypton	83-1	363	443	373	393	11.08	cps
Lead	206-1	4052173	4103857	4120521	4092184	0.87	cps
Lead	207-1	3640781	3786396	3724125	3717101	1.97	cps
Lead	208-1	16177949	16705810	16556782	16480181	1.65	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:09:51	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	844613	894413	902713	880580	3.57	cps
Magnesium	24-2	16966687	16843398	16973097	16927727	0.43	cps
Manganese	55-2	2569392	2555207	2540199	2554933	0.57	cps
Molybdenum	94-1	4004321	4010364	4020125	4011604	0.20	cps
Molybdenum	95-1	4916137	4942007	4897508	4918551	0.45	cps
Molybdenum	96-1	5367778	5435439	5363187	5388801	0.75	cps
Molybdenum	97-1	2967021	2990360	3019224	2992202	0.87	cps
Molybdenum	98-1	7731071	7734856	7733846	7733258	0.03	cps
Neodymium	150-1	47	40	73	53	33.08	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	270709	266896	269249	268951	0.72	cps
Phosphorus	31-2	16093	16309	16101	16168	0.76	cps
Potassium	39-2	7070500	7115508	7105996	7097335	0.33	cps
Rhodium	103-1	3714587	4005697	3961397	3893894	4.03	cps
Rhodium	103-2	1801045	1825650	1819423	1815373	0.70	cps
Scandium	45-1	2940325	3177404	3165000	3094243	4.31	cps
Scandium	45-2	103268	102606	103590	103155	0.49	cps
Selenium	82-1	32987	33280	33429	33232	0.68	cps
Selenium	77-2	887	883	927	899	2.68	cps
Selenium	78-2	2979	3008	2983	2990	0.53	cps
Silicon	28-1	1936659	2018620	2038562	1997947	2.70	cps
Silver	109-1	2141645	2194630	2147857	2161377	1.34	cps
Silver	107-1	2278430	2311397	2272759	2287529	0.91	cps
Sodium	23-2	34637095	34790749	34130216	34519353	1.00	cps
Strontium	86-1	636081	662004	648444	648843	2.00	cps
Strontium	88-1	5417093	5491436	5416816	5441782	0.79	cps
Sulfur	34-1	751928	761839	766184	759984	0.96	cps
Terbium	159-1	3841268	4018478	4158449	4006065	3.97	cps
Terbium	159-2	1801950	1823140	1808037	1811042	0.60	cps
Thallium	203-1	960854	982798	982931	975528	1.30	cps
Thallium	205-1	2239263	2285824	2310268	2278451	1.58	cps
Tin	118-1	1375979	1378073	1403767	1385940	1.12	cps
Titanium	47-1	1501088	1539726	1518795	1519870	1.27	cps
Uranium	238-1	2525308	2637158	2598146	2586871	2.19	cps
Vanadium	51-2	470906	467211	465341	467819	0.61	cps
Yttrium	89-1	6474435	6923124	6835098	6744219	3.53	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:09:51	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	674793	692172	677710	681558	1.37	cps
Zinc	66-2	947496	956721	951946	952055	0.48	cps
Zirconium	90-1	3281702	3384124	3352020	3339282	1.57	cps
Zirconium	91-1	746200	764332	749764	753432	1.27	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:27:14	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	848	836	810	831	2.34	cps
Antimony	121-1	42	33	33	36	13.33	cps
Arsenic	75-2	6	6	8	7	17.32	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	42	33	17	31	41.66	cps
Beryllium	9-1	56	96	96	83	27.93	cps
Bismuth	209-1	1912767	1910911	1880901	1901526	0.94	cps
Bismuth	209-2	1068442	1067632	1101770	1079281	1.80	cps
Boron	10-1	1560	1414	1402	1458	6.03	cps
Boron	11-1	6784	6740	6628	6718	1.20	cps
Bromine	81-1	4055	4215	3474	3915	9.96	cps
Cadmium	111-1	953	912	1023	963	5.80	cps
Cadmium	106-1	1358	1283	1433	1358	5.52	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	2425	2467	2342	2411	2.64	cps
Calcium	44-1	115161	115548	115228	115312	0.18	cps
Chromium	52-2	630	643	663	646	2.60	cps
Cobalt	59-2	50	27	43	40	30.04	cps
Copper	63-2	677	743	627	682	8.58	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	3600153	3626393	3610173	3612240	0.37	cps
Holmium	165-2	1657584	1680764	1700969	1679772	1.29	cps
Indium	115-1	4043814	4082618	4101266	4075899	0.72	cps
Indium	115-2	560294	572860	574646	569266	1.37	cps
Iron	54-2	450	406	356	404	11.70	cps
Iron	56-2	3134	2773	2761	2889	7.33	cps
Iron	57-2	106	133	144	128	15.68	cps
Krypton	83-1	383	307	423	371	15.98	cps
Lead	206-1	572	556	600	576	3.90	cps
Lead	207-1	539	517	489	515	4.87	cps
Lead	208-1	2367	2267	2056	2230	7.12	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:27:14	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	860847	851637	847275	853253	0.81	cps
Magnesium	24-2	1050	1208	1133	1131	7.01	cps
Manganese	55-2	100	43	87	77	38.65	cps
Molybdenum	94-1	342	158	133	211	53.88	cps
Molybdenum	95-1	133	158	75	122	34.99	cps
Molybdenum	96-1	208	167	108	161	31.18	cps
Molybdenum	97-1	117	42	50	69	59.19	cps
Molybdenum	98-1	250	167	133	183	32.78	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	77	83	80	4.16	cps
Phosphorus	31-2	167	117	167	150	19.24	cps
Potassium	39-2	29706	30466	28604	29592	3.16	cps
Rhodium	103-1	3989884	4005882	3983808	3993191	0.29	cps
Rhodium	103-2	1763568	1804885	1794703	1787719	1.20	cps
Scandium	45-1	2988781	2973522	2968955	2977086	0.35	cps
Scandium	45-2	94887	96975	96511	96124	1.14	cps
Selenium	82-1	-13	75	-30	11	519.98	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	48	40	47	45	9.69	cps
Silicon	28-1	659306	658882	661017	659735	0.17	cps
Silver	109-1	25	50	25	33	43.30	cps
Silver	107-1	100	50	75	75	33.33	cps
Sodium	23-2	48640	46759	47177	47525	2.08	cps
Strontium	86-1	608	558	558	575	5.02	cps
Strontium	88-1	133	133	183	150	19.24	cps
Sulfur	34-1	571408	568065	573057	570843	0.45	cps
Terbium	159-1	3932988	3882142	3922353	3912494	0.69	cps
Terbium	159-2	1678392	1700441	1728484	1702439	1.47	cps
Thallium	203-1	75	42	42	53	36.46	cps
Thallium	205-1	292	183	167	214	31.73	cps
Tin	118-1	467	392	383	414	11.09	cps
Titanium	47-1	817	992	800	869	12.21	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	17	17	20	18	10.81	cps
Yttrium	89-1	6403575	6646989	6508165	6519576	1.87	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:27:14	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	642657	652203	657142	650667	1.13	cps
Zinc	66-2	323	306	310	313	2.79	cps
Zirconium	90-1	258	250	300	269	9.94	cps
Zirconium	91-1	117	50	92	86	39.11	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 15:51:25 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1242	1286	1400	1309	6.23	cps
Antimony	121-1	6735	6485	7619	6946	8.58	cps
Arsenic	75-2	139	149	133	140	5.76	cps
Barium	135-1	7002	6477	6343	6607	5.27	cps
Barium	137-1	11272	11839	12189	11767	3.94	cps
Beryllium	9-1	870	850	868	863	1.28	cps
Bismuth	209-1	1889302	1913299	1920238	1907613	0.85	cps
Bismuth	209-2	1074681	1155833	1076064	1102193	4.22	cps
Boron	10-1	1630	1740	1992	1787	10.38	cps
Boron	11-1	7360	8669	9091	8373	10.78	cps
Bromine	81-1	3935	3274	3394	3534	9.96	cps
Cadmium	111-1	2101	1963	1995	2020	3.58	cps
Cadmium	106-1	1850	1567	1600	1672	9.26	cps
Cadmium	108-1	63	83	54	67	22.53	cps
Calcium	43-1	7861	7352	7719	7644	3.43	cps
Calcium	44-1	198940	201795	200677	200471	0.72	cps
Chromium	52-2	2730	2824	2744	2766	1.83	cps
Cobalt	59-2	1860	1750	1953	1855	5.49	cps
Copper	63-2	3277	3317	3307	3300	0.63	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	3496210	3585541	3642166	3574639	2.06	cps
Holmium	165-2	1657205	1780687	1682930	1706941	3.82	cps
Indium	115-1	3995122	4015935	4017247	4009435	0.31	cps
Indium	115-2	572968	612627	569766	585120	4.08	cps
Iron	54-2	2350	2356	2661	2456	7.25	cps
Iron	56-2	40123	40391	40844	40452	0.90	cps
Iron	57-2	995	911	1161	1022	12.45	cps
Krypton	83-1	350	413	360	374	9.09	cps
Lead	206-1	1678	1889	1683	1750	6.88	cps
Lead	207-1	1678	1645	1595	1639	2.56	cps
Lead	208-1	6945	7073	7162	7060	1.54	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:51:25	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	856711	872449	872531	867230	1.05	cps
Magnesium	24-2	34516	31535	33232	33094	4.52	cps
Manganese	55-2	547	493	550	530	6.00	cps
Molybdenum	94-1	7435	6852	7452	7246	4.72	cps
Molybdenum	95-1	8953	8645	8928	8842	1.94	cps
Molybdenum	96-1	9395	9704	9503	9534	1.64	cps
Molybdenum	97-1	4993	5376	5334	5234	4.02	cps
Molybdenum	98-1	13549	13807	13757	13704	1.00	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	543	500	563	536	6.05	cps
Phosphorus	31-2	208	175	192	192	8.69	cps
Potassium	39-2	53575	54144	55650	54456	1.97	cps
Rhodium	103-1	3912280	3923393	3923460	3919711	0.16	cps
Rhodium	103-2	1783543	1905457	1800013	1829671	3.62	cps
Scandium	45-1	2930916	3024323	3003889	2986376	1.64	cps
Scandium	45-2	97542	103914	96981	99479	3.87	cps
Selenium	82-1	309	308	297	305	2.23	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	58	70	72	67	11.36	cps
Silicon	28-1	687641	689996	696423	691353	0.66	cps
Silver	109-1	3601	4326	3901	3942	9.24	cps
Silver	107-1	4142	3792	4326	4087	6.63	cps
Sodium	23-2	108274	110122	112090	110162	1.73	cps
Strontium	86-1	1809	1734	1884	1809	4.15	cps
Strontium	88-1	9345	9670	9637	9551	1.87	cps
Sulfur	34-1	571335	574613	572219	572722	0.30	cps
Terbium	159-1	3830937	3924502	3875858	3877099	1.21	cps
Terbium	159-2	1689450	1843081	1698052	1743528	4.95	cps
Thallium	203-1	1809	1700	1892	1800	5.34	cps
Thallium	205-1	3959	4101	4418	4159	5.64	cps
Tin	118-1	11956	12881	12881	12573	4.25	cps
Titanium	47-1	3492	3200	3284	3325	4.52	cps
Uranium	238-1	4409	4643	4493	4515	2.62	cps
Vanadium	51-2	4164	4344	4121	4210	2.81	cps
Yttrium	89-1	6454194	6467308	6517407	6479636	0.51	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:51:25	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	644966	700770	641213	662316	5.04	cps
Zinc	66-2	441	629	550	540	17.45	cps
Zirconium	90-1	6110	6018	6126	6085	0.96	cps
Zirconium	91-1	1342	1267	1433	1347	6.20	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17619	17429	17063	17370	1.63	cps
Antimony	121-1	105263	107151	111419	107944	2.92	cps
Arsenic	75-2	5255	5260	5236	5250	0.24	cps
Barium	135-1	1566729	1600335	1679447	1615504	3.58	cps
Barium	137-1	2701256	2772298	2902959	2792171	3.66	cps
Beryllium	9-1	12755	13115	13365	13079	2.35	cps
Bismuth	209-1	1883017	1903609	1616715	1801114	8.88	cps
Bismuth	209-2	1090259	1095164	1092490	1092638	0.22	cps
Boron	10-1	72913	91858	101625	88799	16.44	cps
Boron	11-1	347219	428545	480364	418709	16.03	cps
Bromine	81-1	3784	3834	3574	3731	3.70	cps
Cadmium	111-1	30811	31218	31802	31277	1.59	cps
Cadmium	106-1	4426	4259	4317	4334	1.95	cps
Cadmium	108-1	1829	2113	2129	2024	8.33	cps
Calcium	43-1	792	692	792	758	7.61	cps
Calcium	44-1	82597	82773	82103	82491	0.42	cps
Chromium	52-2	40487	40193	39427	40036	1.37	cps
Cobalt	59-2	60	87	33	60	44.45	cps
Copper	63-2	1318500	1307915	1317519	1314645	0.44	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	17	23	3	14	70.51	cps
Holmium	165-1	3721726	3677962	3033995	3477894	11.07	cps
Holmium	165-2	1684836	1698207	1687894	1690312	0.41	cps
Indium	115-1	4130264	3993369	3434289	3852641	9.57	cps
Indium	115-2	570830	574097	577574	574167	0.59	cps
Iron	54-2	40886	40140	39917	40314	1.26	cps
Iron	56-2	724158	719061	722103	721774	0.36	cps
Iron	57-2	17550	17867	17422	17613	1.30	cps
Krypton	83-1	360	280	370	337	14.65	cps
Lead	206-1	15671	15398	16422	15830	3.35	cps
Lead	207-1	13646	13713	14308	13889	2.62	cps
Lead	208-1	60466	61803	64636	62302	3.42	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	869891	866837	757572	831433	7.70	cps
Magnesium	24-2	1192	1325	1017	1178	13.13	cps
Manganese	55-2	46449	46890	46499	46612	0.52	cps
Molybdenum	94-1	36557	37651	37560	37256	1.63	cps
Molybdenum	95-1	64450	63210	66778	64813	2.79	cps
Molybdenum	96-1	65882	69775	71258	68972	4.03	cps
Molybdenum	97-1	38195	40108	39064	39122	2.45	cps
Molybdenum	98-1	99053	102142	103779	101658	2.36	cps
Neodymium	150-1	47	27	87	53	57.28	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	236270	235828	237224	236441	0.30	cps
Phosphorus	31-2	167	117	167	150	19.24	cps
Potassium	39-2	28746	29188	28863	28932	0.79	cps
Rhodium	103-1	3996817	3972124	3359268	3776070	9.56	cps
Rhodium	103-2	1796296	1821652	1787810	1801919	0.98	cps
Scandium	45-1	3025786	3028393	2542743	2865641	9.76	cps
Scandium	45-2	97303	98226	98246	97925	0.55	cps
Selenium	82-1	3337	3595	3461	3464	3.72	cps
Selenium	77-2	130	67	83	93	35.17	cps
Selenium	78-2	323	374	377	358	8.48	cps
Silicon	28-1	813213	822006	831473	822231	1.11	cps
Silver	109-1	117717	119701	121578	119665	1.61	cps
Silver	107-1	127656	128496	128791	128314	0.46	cps
Sodium	23-2	48097	48723	47788	48202	0.99	cps
Strontium	86-1	675	667	542	628	11.90	cps
Strontium	88-1	592	650	492	578	13.86	cps
Sulfur	34-1	573692	567787	566126	569202	0.70	cps
Terbium	159-1	4002096	3902104	3341361	3748521	9.50	cps
Terbium	159-2	1688677	1700513	1723566	1704252	1.04	cps
Thallium	203-1	15159	15501	15752	15471	1.92	cps
Thallium	205-1	34396	34513	36711	35207	3.70	cps
Tin	118-1	392	408	392	397	2.42	cps
Titanium	47-1	958	825	867	883	7.72	cps
Uranium	238-1	8	0	33	14	124.91	cps
Vanadium	51-2	419268	414284	417667	417073	0.61	cps
Yttrium	89-1	6403363	6490755	5476015	6123378	9.18	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 15:55:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	646453	657079	647275	650269	0.91	cps
Zinc	66-2	123290	124057	123425	123591	0.33	cps
Zirconium	90-1	708	633	617	653	7.48	cps
Zirconium	91-1	150	167	83	133	33.07	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17263	17677	17403	17448	1.21	cps
Antimony	121-1	109311	109579	110386	109759	0.51	cps
Arsenic	75-2	5341	5243	5237	5273	1.11	cps
Barium	135-1	1614398	1617772	1618678	1616949	0.14	cps
Barium	137-1	2785076	2769833	2766187	2773699	0.36	cps
Beryllium	9-1	12917	12777	12849	12848	0.55	cps
Bismuth	209-1	1905716	1862932	1881149	1883266	1.14	cps
Bismuth	209-2	1059180	1095732	991606	1048839	5.04	cps
Boron	10-1	78464	94989	105479	92977	14.65	cps
Boron	11-1	364969	448241	491289	434833	14.77	cps
Bromine	81-1	3915	3474	3594	3661	6.22	cps
Cadmium	111-1	31772	31999	32286	32019	0.80	cps
Cadmium	106-1	4276	4434	4051	4254	4.53	cps
Cadmium	108-1	2096	2192	1942	2077	6.08	cps
Calcium	43-1	883	825	825	844	3.99	cps
Calcium	44-1	81063	82346	83058	82156	1.23	cps
Chromium	52-2	40741	40400	40708	40616	0.46	cps
Cobalt	59-2	70	103	43	72	41.62	cps
Copper	63-2	1327154	1292549	1315699	1311801	1.34	cps
Dysprosium	156-1	50	0	25	25	100.00	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	17	58	33	36	58.08	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	3560480	3593007	3524540	3559342	0.96	cps
Holmium	165-2	1637059	1719106	1549257	1635141	5.19	cps
Indium	115-1	4067374	4001505	4051383	4040087	0.85	cps
Indium	115-2	562684	575846	525991	554840	4.66	cps
Iron	54-2	41293	40669	41181	41048	0.81	cps
Iron	56-2	724091	724218	730385	726231	0.50	cps
Iron	57-2	18562	18217	17494	18091	3.01	cps
Krypton	83-1	313	427	330	357	17.16	cps
Lead	206-1	15365	15560	16021	15649	2.15	cps
Lead	207-1	13329	13351	13496	13392	0.68	cps
Lead	208-1	60328	60834	62827	61330	2.15	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	849213	839056	854415	847561	0.92	cps
Magnesium	24-2	1242	1283	983	1170	13.90	cps
Manganese	55-2	47760	46990	47298	47349	0.82	cps
Molybdenum	94-1	37267	38111	38445	37941	1.60	cps
Molybdenum	95-1	64450	65028	65974	65150	1.18	cps
Molybdenum	96-1	66502	70153	70194	68950	3.07	cps
Molybdenum	97-1	40192	39624	41228	40348	2.02	cps
Molybdenum	98-1	102183	102318	106448	103650	2.34	cps
Neodymium	150-1	20	40	73	44	60.63	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240380	236917	239460	238919	0.75	cps
Phosphorus	31-2	142	208	158	169	20.48	cps
Potassium	39-2	29047	28429	29406	28960	1.71	cps
Rhodium	103-1	3901739	3971839	3863784	3912454	1.40	cps
Rhodium	103-2	1773826	1837832	1644178	1751945	5.63	cps
Scandium	45-1	3000826	3032946	2976447	3003406	0.94	cps
Scandium	45-2	96860	101371	89939	96057	5.99	cps
Selenium	82-1	3423	3445	3408	3425	0.56	cps
Selenium	77-2	107	120	100	109	9.35	cps
Selenium	78-2	329	330	376	345	7.78	cps
Silicon	28-1	814515	811825	811982	812774	0.19	cps
Silver	109-1	118809	121181	118818	119603	1.14	cps
Silver	107-1	126451	126788	127032	126757	0.23	cps
Sodium	23-2	47846	47469	47152	47489	0.73	cps
Strontium	86-1	717	583	542	614	14.89	cps
Strontium	88-1	658	508	550	572	13.53	cps
Sulfur	34-1	564371	565067	559533	562990	0.54	cps
Terbium	159-1	3911987	3900278	3819425	3877230	1.30	cps
Terbium	159-2	1655759	1726791	1547760	1643437	5.49	cps
Thallium	203-1	15043	15284	15551	15293	1.66	cps
Thallium	205-1	35307	35157	35048	35171	0.37	cps
Tin	118-1	383	417	467	422	9.93	cps
Titanium	47-1	808	742	983	844	14.78	cps
Uranium	238-1	0	8	42	17	132.30	cps
Vanadium	51-2	420471	417425	412196	416697	1.00	cps
Yttrium	89-1	6462834	6354095	6466186	6427705	0.99	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	L3319-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:04:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	652169	655110	607707	638329	4.16	cps
Zinc	66-2	124709	120664	123378	122917	1.68	cps
Zirconium	90-1	725	742	692	719	3.54	cps
Zirconium	91-1	175	117	142	144	20.26	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	866	834	894	865	3.47	cps
Antimony	121-1	25	42	58	42	40.00	cps
Arsenic	75-2	5	4	4	4	13.32	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	58	17	42	39	53.92	cps
Beryllium	9-1	68	44	60	57	21.32	cps
Bismuth	209-1	1911409	1885563	1919432	1905468	0.93	cps
Bismuth	209-2	1094541	1066984	1066583	1076036	1.49	cps
Boron	10-1	16054	13958	13556	14522	9.24	cps
Boron	11-1	73274	66606	62638	67506	7.96	cps
Bromine	81-1	3824	4135	3584	3848	7.18	cps
Cadmium	111-1	1044	932	999	991	5.69	cps
Cadmium	106-1	1483	1342	1425	1417	5.03	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	1700	1892	1525	1706	10.75	cps
Calcium	44-1	95629	94410	97305	95781	1.52	cps
Chromium	52-2	693	737	693	708	3.53	cps
Cobalt	59-2	37	53	57	49	21.91	cps
Copper	63-2	667	710	657	678	4.18	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	50	42	31	87.67	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	20	17	37	24	43.83	cps
Holmium	165-1	3542134	3640719	3571054	3584636	1.41	cps
Holmium	165-2	1697869	1663853	1663945	1675222	1.17	cps
Indium	115-1	4010936	4044878	4066543	4040786	0.69	cps
Indium	115-2	570195	563786	571008	568330	0.70	cps
Iron	54-2	311	378	394	361	12.21	cps
Iron	56-2	2861	2589	2878	2776	5.84	cps
Iron	57-2	83	111	100	98	14.24	cps
Krypton	83-1	317	407	407	377	13.80	cps
Lead	206-1	383	272	294	317	18.57	cps
Lead	207-1	300	389	283	324	17.51	cps
Lead	208-1	1395	1445	1300	1380	5.32	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	846550	846656	857684	850296	0.75	cps
Magnesium	24-2	1133	808	1000	981	16.66	cps
Manganese	55-2	73	90	77	80	11.02	cps
Molybdenum	94-1	175	217	183	192	11.50	cps
Molybdenum	95-1	75	42	33	50	44.10	cps
Molybdenum	96-1	83	25	75	61	51.63	cps
Molybdenum	97-1	75	67	33	58	37.80	cps
Molybdenum	98-1	75	67	67	69	6.93	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	57	73	64	13.01	cps
Phosphorus	31-2	217	150	158	175	20.76	cps
Potassium	39-2	29247	28546	28621	28804	1.34	cps
Rhodium	103-1	3910367	3970496	4072356	3984406	2.06	cps
Rhodium	103-2	1849867	1754294	1824627	1809596	2.74	cps
Scandium	45-1	2965795	3006773	2981552	2984707	0.69	cps
Scandium	45-2	99595	95803	97676	97691	1.94	cps
Selenium	82-1	3	-18	-38	-17	-116.70	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	49	48	36	44	16.33	cps
Silicon	28-1	655736	660029	657810	657858	0.33	cps
Silver	109-1	25	25	17	22	21.64	cps
Silver	107-1	83	67	42	64	32.83	cps
Sodium	23-2	43089	44803	43725	43872	1.97	cps
Strontium	86-1	550	600	575	575	4.35	cps
Strontium	88-1	75	100	75	83	17.32	cps
Sulfur	34-1	557153	558090	559726	558323	0.23	cps
Terbium	159-1	3762832	3854982	3901155	3839656	1.83	cps
Terbium	159-2	1743205	1689398	1683024	1705209	1.94	cps
Thallium	203-1	58	33	8	33	75.02	cps
Thallium	205-1	100	92	192	128	43.42	cps
Tin	118-1	383	467	333	394	17.08	cps
Titanium	47-1	858	933	933	908	4.77	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	7	10	27	14	74.18	cps
Yttrium	89-1	6428697	6509206	6358195	6432033	1.17	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BL	Instrumnet Name :	P8
Client Sample ID :	PB130424BL	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:06:52	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	659757	640300	650422	650160	1.50	cps
Zinc	66-2	233	236	203	224	8.22	cps
Zirconium	90-1	308	233	342	294	18.84	cps
Zirconium	91-1	83	42	58	61	34.32	cps

LB Number : LB110329 Operator : Jaswal
 Lab Sample ID : PB130424BS Instrumnet Name : P8
 Client Sample ID : PB130424BS Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 16:09:43 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219467	218133	216755	218118	0.62	cps
Antimony	121-1	1982025	1969677	2008935	1986879	1.01	cps
Arsenic	75-2	74331	73523	74358	74071	0.64	cps
Barium	135-1	1897361	1899379	1937342	1911360	1.18	cps
Barium	137-1	3297945	3286070	3338258	3307424	0.83	cps
Beryllium	9-1	435179	444430	447811	442473	1.48	cps
Bismuth	209-1	1942970	2010886	1945059	1966305	1.96	cps
Bismuth	209-2	1109914	1109132	1114421	1111156	0.26	cps
Boron	10-1	31441	36039	38524	35335	10.17	cps
Boron	11-1	148419	167623	182131	166058	10.18	cps
Bromine	81-1	3424	3234	3544	3401	4.60	cps
Cadmium	111-1	449246	449752	463373	454123	1.76	cps
Cadmium	106-1	47399	49038	49389	48608	2.19	cps
Cadmium	108-1	32785	32864	34050	33233	2.13	cps
Calcium	43-1	539118	554411	558766	550765	1.87	cps
Calcium	44-1	8806947	9085555	9050708	8981070	1.69	cps
Chromium	52-2	567482	560544	570243	566090	0.88	cps
Cobalt	59-2	998939	981101	993898	991313	0.93	cps
Copper	63-2	7237332	7205579	7244049	7228987	0.28	cps
Dysprosium	156-1	25	50	58	44	39.04	cps
Dysprosium	156-2	27	30	3	20	72.66	cps
Erbium	164-1	33	0	50	28	91.65	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	43	20	27	30	40.05	cps
Holmium	165-1	3790247	3770312	3743376	3767978	0.62	cps
Holmium	165-2	1743473	1750744	1745406	1746541	0.22	cps
Indium	115-1	4179107	4066013	4197832	4147651	1.72	cps
Indium	115-2	585555	582255	580994	582935	0.40	cps
Iron	54-2	1171859	1145335	1160236	1159143	1.15	cps
Iron	56-2	20754264	20542661	20858311	20718412	0.78	cps
Iron	57-2	516573	515997	517416	516662	0.14	cps
Krypton	83-1	437	363	377	392	9.96	cps
Lead	206-1	4098467	4148970	4122154	4123197	0.61	cps
Lead	207-1	3656575	3730683	3678081	3688446	1.03	cps
Lead	208-1	16369036	16660710	16398791	16476179	0.97	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BS	Instrumnet Name :	P8
Client Sample ID :	PB130424BS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:09:43	DataFile Name :	031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	880356	880295	890116	883589	0.64	cps
Magnesium	24-2	3582106	3531752	3462719	3525526	1.70	cps
Manganese	55-2	2577066	2561064	2550686	2562939	0.52	cps
Molybdenum	94-1	3909998	3959880	3966572	3945483	0.78	cps
Molybdenum	95-1	4753934	4894512	4903274	4850573	1.73	cps
Molybdenum	96-1	5267933	5282697	5318239	5289623	0.49	cps
Molybdenum	97-1	2982231	2980374	3035656	2999420	1.05	cps
Molybdenum	98-1	7575694	7626097	7703376	7635056	0.84	cps
Neodymium	150-1	80	113	33	76	53.19	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	272435	269012	269497	270314	0.69	cps
Phosphorus	31-2	15625	16001	15834	15820	1.19	cps
Potassium	39-2	1481922	1498962	1451900	1477594	1.61	cps
Rhodium	103-1	4088018	4063190	4073917	4075042	0.31	cps
Rhodium	103-2	1871075	1857174	1872817	1867022	0.46	cps
Scandium	45-1	3123664	3097642	3165359	3128888	1.09	cps
Scandium	45-2	101277	102546	101811	101878	0.63	cps
Selenium	82-1	32244	33292	33027	32854	1.66	cps
Selenium	77-2	940	880	853	891	4.98	cps
Selenium	78-2	3117	3003	3030	3050	1.95	cps
Silicon	28-1	1885855	1975764	2049718	1970446	4.16	cps
Silver	109-1	2139679	2148639	2237578	2175299	2.49	cps
Silver	107-1	2269946	2319714	2351243	2313634	1.77	cps
Sodium	23-2	7308064	7228100	7167238	7234467	0.98	cps
Strontium	86-1	629120	632262	642853	634745	1.13	cps
Strontium	88-1	5304244	5341237	5511640	5385707	2.05	cps
Sulfur	34-1	751163	745843	747336	748114	0.37	cps
Terbium	159-1	4014378	4072136	4108032	4064849	1.16	cps
Terbium	159-2	1790595	1741790	1756921	1763102	1.42	cps
Thallium	203-1	973512	975327	980619	976486	0.38	cps
Thallium	205-1	2240672	2319363	2287985	2282674	1.74	cps
Tin	118-1	1356127	1357333	1392415	1368625	1.51	cps
Titanium	47-1	1464098	1473331	1503870	1480433	1.41	cps
Uranium	238-1	2471561	2580404	2518754	2523573	2.16	cps
Vanadium	51-2	466663	460790	459738	462397	0.81	cps
Yttrium	89-1	6755891	6706329	6957032	6806417	1.95	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	PB130424BS	Instrumnet Name :	P8
Client Sample ID :	PB130424BS	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:09:43	DataFile Name :	031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	676698	670746	675984	674476	0.48	cps
Zinc	66-2	970183	966380	976887	971150	0.55	cps
Zirconium	90-1	3199199	3290295	3340600	3276698	2.19	cps
Zirconium	91-1	723345	728962	740550	730952	1.20	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1140730	1128514	1128708	1132651	0.62	cps
Antimony	121-1	1969359	2020926	2016396	2002227	1.43	cps
Arsenic	75-2	73764	73898	73072	73578	0.60	cps
Barium	135-1	1902337	1948513	1974298	1941716	1.88	cps
Barium	137-1	3292980	3329334	3396470	3339595	1.57	cps
Beryllium	9-1	448053	457567	457334	454318	1.19	cps
Bismuth	209-1	1925295	1894995	1957163	1925818	1.61	cps
Bismuth	209-2	1096654	1117068	1122350	1112024	1.22	cps
Boron	10-1	39603	43858	46161	43207	7.70	cps
Boron	11-1	186330	204602	213920	201618	6.96	cps
Bromine	81-1	3274	3784	3955	3671	9.65	cps
Cadmium	111-1	441371	443941	447042	444118	0.64	cps
Cadmium	106-1	49807	48185	49205	49066	1.67	cps
Cadmium	108-1	32183	32543	33303	32676	1.75	cps
Calcium	43-1	2513041	2609887	2632419	2585116	2.45	cps
Calcium	44-1	41993294	43233861	44239855	43155670	2.61	cps
Chromium	52-2	563481	559701	558017	560400	0.50	cps
Cobalt	59-2	982082	976591	971139	976604	0.56	cps
Copper	63-2	7064161	7029810	6938345	7010772	0.93	cps
Dysprosium	156-1	125	158	117	133	16.54	cps
Dysprosium	156-2	67	53	43	54	21.51	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	83	133	158	125	30.55	cps
Gadolinium	160-2	83	100	80	88	12.21	cps
Holmium	165-1	3727263	3759773	3828920	3771986	1.38	cps
Holmium	165-2	1807425	1792912	1829126	1809821	1.01	cps
Indium	115-1	4098580	4149860	4074674	4107705	0.94	cps
Indium	115-2	577041	585058	587794	583297	0.96	cps
Iron	54-2	5465241	5501648	5508039	5491642	0.42	cps
Iron	56-2	101004944	99753558	99561199	100106567	0.78	cps
Iron	57-2	2496626	2511149	2492968	2500248	0.38	cps
Krypton	83-1	353	403	387	381	6.68	cps
Lead	206-1	4039798	4053649	4217967	4103805	2.42	cps
Lead	207-1	3638772	3611477	3637787	3629345	0.43	cps
Lead	208-1	16109197	16155418	16448639	16237751	1.13	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	882631	895568	899622	892607	0.99	cps
Magnesium	24-2	17068528	17036094	16927844	17010822	0.43	cps
Manganese	55-2	2562090	2513586	2532400	2536025	0.96	cps
Molybdenum	94-1	4005602	3954169	4016234	3992002	0.83	cps
Molybdenum	95-1	4870180	4939476	4891020	4900226	0.73	cps
Molybdenum	96-1	5227544	5402488	5373152	5334395	1.76	cps
Molybdenum	97-1	2999648	2994790	3004395	2999611	0.16	cps
Molybdenum	98-1	7710272	7674687	7709647	7698202	0.26	cps
Neodymium	150-1	93	73	67	78	17.84	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	268418	262719	263411	264849	1.17	cps
Phosphorus	31-2	15751	15876	15901	15842	0.51	cps
Potassium	39-2	7041462	7011569	7026530	7026520	0.21	cps
Rhodium	103-1	4061277	3972863	4007157	4013766	1.11	cps
Rhodium	103-2	1756163	1773964	1812723	1780950	1.62	cps
Scandium	45-1	3124312	3171471	3216133	3170639	1.45	cps
Scandium	45-2	100908	102264	101878	101683	0.69	cps
Selenium	82-1	32695	32811	33053	32853	0.56	cps
Selenium	77-2	937	810	847	864	7.54	cps
Selenium	78-2	2942	2996	3109	3015	2.83	cps
Silicon	28-1	1934507	1999991	2024632	1986377	2.34	cps
Silver	109-1	2079165	2092132	2128098	2099798	1.21	cps
Silver	107-1	2241355	2260923	2262949	2255076	0.53	cps
Sodium	23-2	34781759	34525915	34532481	34613385	0.42	cps
Strontium	86-1	632553	645829	647079	641820	1.25	cps
Strontium	88-1	5357732	5440404	5360319	5386152	0.87	cps
Sulfur	34-1	753327	759615	759288	757410	0.47	cps
Terbium	159-1	4069522	4022918	4098132	4063524	0.93	cps
Terbium	159-2	1769768	1783467	1794117	1782451	0.68	cps
Thallium	203-1	970161	979008	979285	976151	0.53	cps
Thallium	205-1	2263008	2281630	2289625	2278088	0.60	cps
Tin	118-1	1363419	1390006	1362209	1371878	1.15	cps
Titanium	47-1	1483671	1515682	1544463	1514605	2.01	cps
Uranium	238-1	2565799	2585322	2609652	2586924	0.85	cps
Vanadium	51-2	464423	462338	461549	462770	0.32	cps
Yttrium	89-1	6685096	6798553	6712951	6732200	0.88	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:12:33	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	671036	675986	687739	678254	1.26	cps
Zinc	66-2	939102	937104	932001	936069	0.39	cps
Zirconium	90-1	3270657	3331913	3257269	3286613	1.21	cps
Zirconium	91-1	729998	746331	752699	743010	1.58	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	822	834	840	832	1.10	cps
Antimony	121-1	50	42	42	44	10.82	cps
Arsenic	75-2	12	9	7	9	26.96	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	33	25	17	25	33.32	cps
Beryllium	9-1	84	76	64	75	13.48	cps
Bismuth	209-1	1888797	1931044	1892143	1903995	1.23	cps
Bismuth	209-2	1005002	1069991	1083800	1052931	4.00	cps
Boron	10-1	3292	3494	3530	3438	3.73	cps
Boron	11-1	16326	16144	16028	16166	0.93	cps
Bromine	81-1	3774	3324	3935	3678	8.61	cps
Cadmium	111-1	870	854	972	899	7.13	cps
Cadmium	106-1	1242	1200	1383	1275	7.54	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	1675	1642	1517	1611	5.18	cps
Calcium	44-1	92758	95468	93312	93846	1.53	cps
Chromium	52-2	677	767	713	719	6.30	cps
Cobalt	59-2	63	40	50	51	22.90	cps
Copper	63-2	697	700	753	717	4.44	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	3570929	3577628	3603278	3583945	0.48	cps
Holmium	165-2	1561035	1671369	1676465	1636290	3.99	cps
Indium	115-1	4043409	4016094	4019444	4026316	0.37	cps
Indium	115-2	528338	570830	577322	558830	4.76	cps
Iron	54-2	378	444	433	419	8.53	cps
Iron	56-2	2678	2806	2778	2754	2.44	cps
Iron	57-2	161	72	133	122	37.21	cps
Krypton	83-1	420	427	370	406	7.64	cps
Lead	206-1	544	594	511	550	7.63	cps
Lead	207-1	533	367	406	435	20.04	cps
Lead	208-1	2189	2189	1878	2085	8.61	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	854752	856639	858100	856497	0.20	cps
Magnesium	24-2	1083	1175	1008	1089	7.67	cps
Manganese	55-2	63	77	83	74	13.68	cps
Molybdenum	94-1	250	200	133	194	30.10	cps
Molybdenum	95-1	183	92	67	114	53.93	cps
Molybdenum	96-1	267	117	50	144	76.83	cps
Molybdenum	97-1	117	108	42	89	46.24	cps
Molybdenum	98-1	250	125	67	147	63.62	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	70	67	62	17.22	cps
Phosphorus	31-2	183	167	125	158	18.98	cps
Potassium	39-2	28086	29005	28804	28632	1.69	cps
Rhodium	103-1	3931602	3930930	3913019	3925184	0.27	cps
Rhodium	103-2	1684474	1755975	1800759	1747069	3.36	cps
Scandium	45-1	3039900	2996660	3046082	3027547	0.89	cps
Scandium	45-2	91208	97662	99233	96034	4.43	cps
Selenium	82-1	-50	-58	4	-34	-97.54	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	41	42	40	41	2.44	cps
Silicon	28-1	650984	650058	654002	651681	0.32	cps
Silver	109-1	33	42	67	47	36.74	cps
Silver	107-1	67	67	58	64	7.54	cps
Sodium	23-2	43123	42830	43382	43112	0.64	cps
Strontium	86-1	633	517	683	611	13.99	cps
Strontium	88-1	208	150	125	161	26.54	cps
Sulfur	34-1	565743	571439	570623	569269	0.54	cps
Terbium	159-1	3883878	3932362	3867550	3894597	0.87	cps
Terbium	159-2	1554405	1689130	1690214	1644583	4.75	cps
Thallium	203-1	42	83	50	58	37.80	cps
Thallium	205-1	133	83	92	103	26.06	cps
Tin	118-1	400	400	400	400	0.00	cps
Titanium	47-1	750	900	783	811	9.71	cps
Uranium	238-1	42	8	25	25	66.68	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	6351443	6366852	6430585	6382960	0.66	cps

LB Number :	LB110329	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 16:28:30	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	602024	647151	655910	635028	4.55	cps
Zinc	66-2	253	286	196	245	18.58	cps
Zirconium	90-1	358	317	392	356	10.57	cps
Zirconium	91-1	75	42	67	61	28.38	cps